

Fig.9

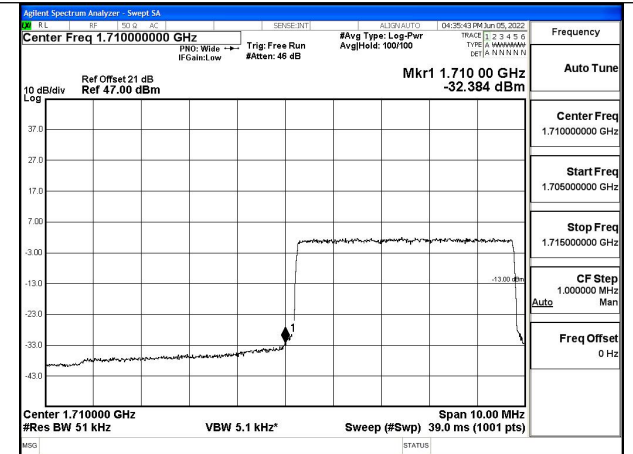


Fig.10

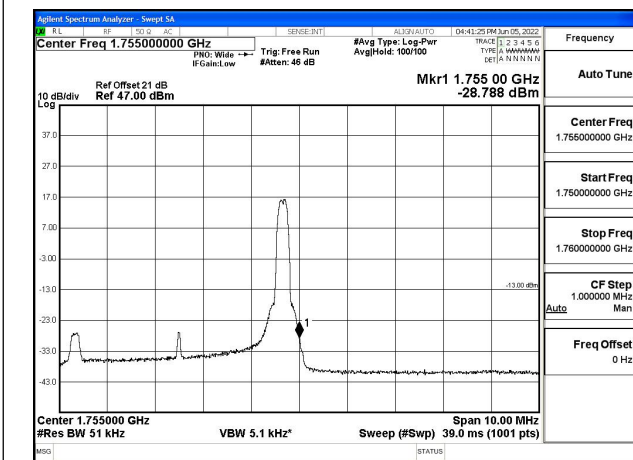


Fig.11

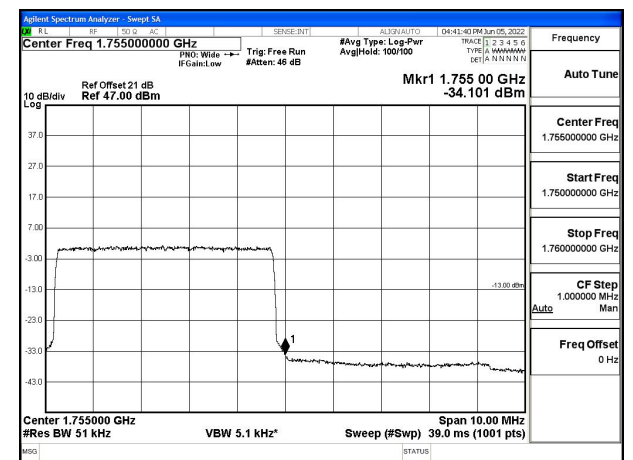


Fig.12

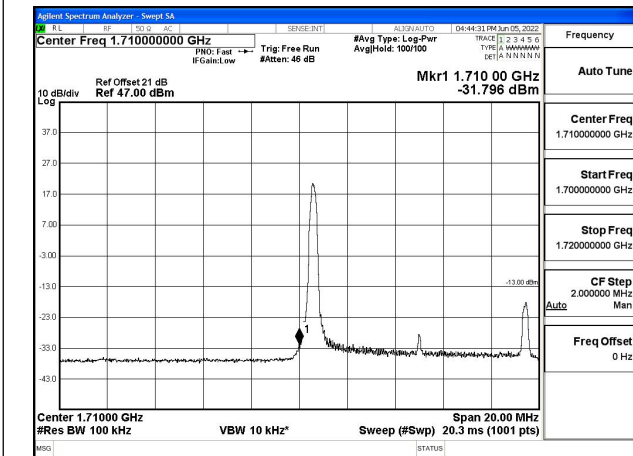


Fig.13

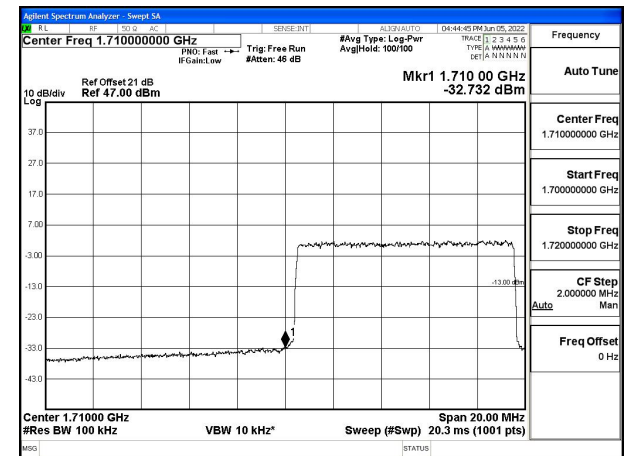


Fig.14

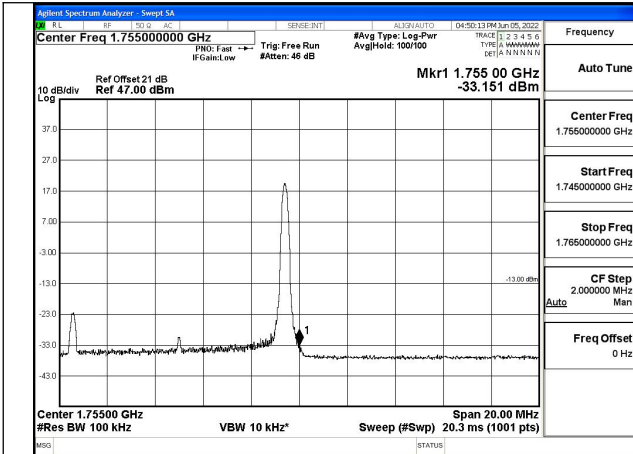


Fig.15

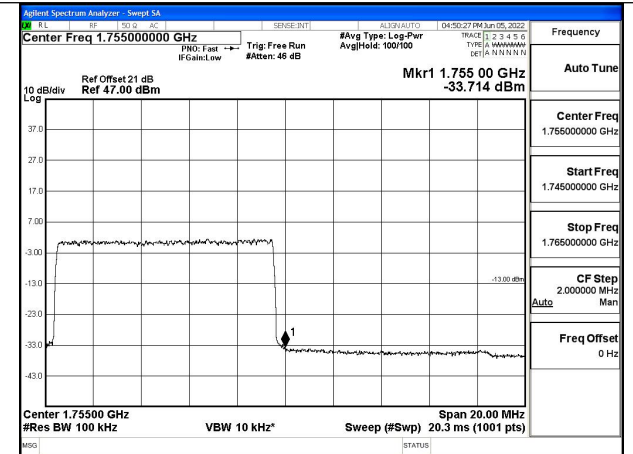


Fig.16

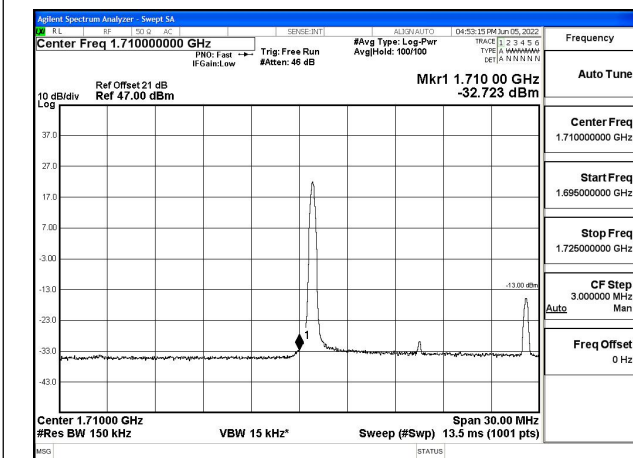


Fig.17

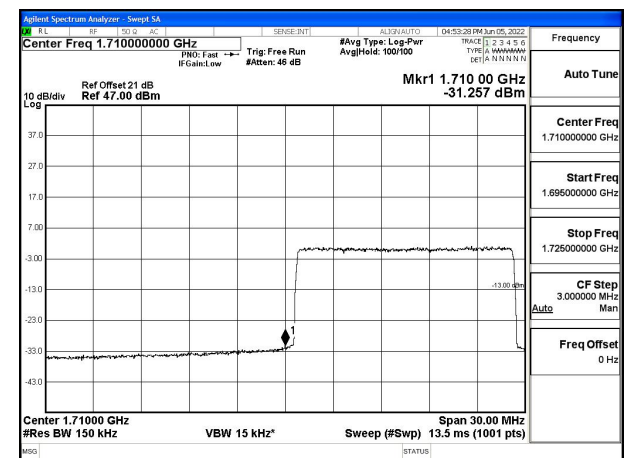


Fig.18

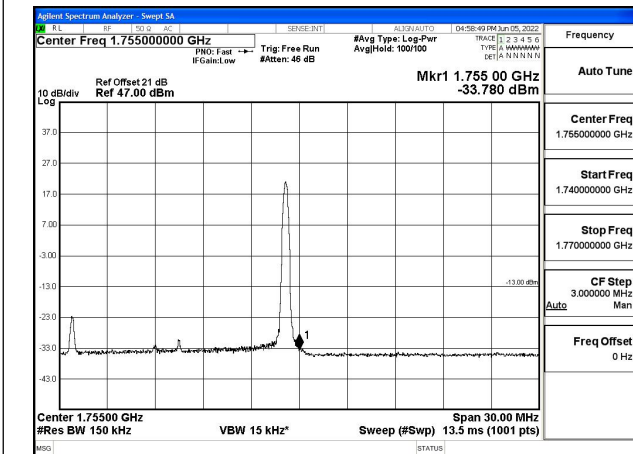


Fig.19

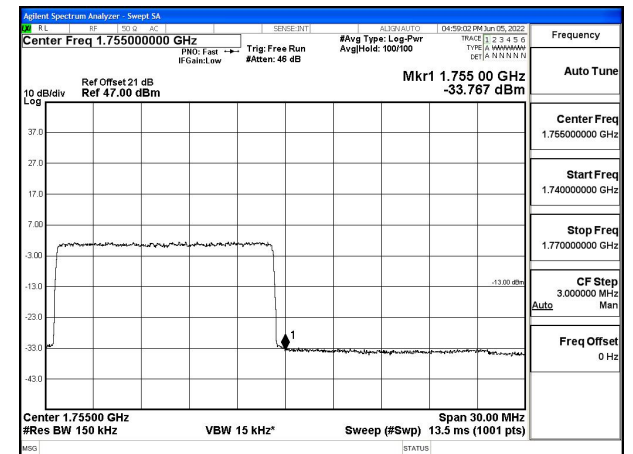


Fig.20

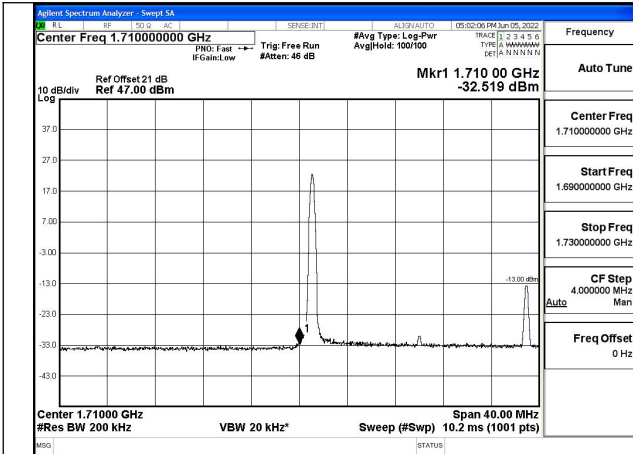


Fig.21

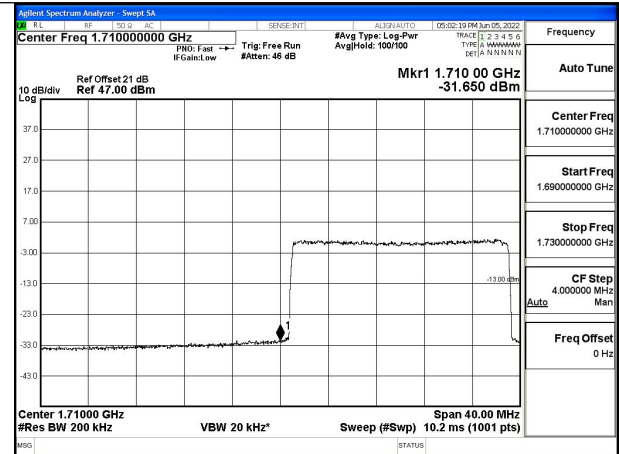


Fig.22

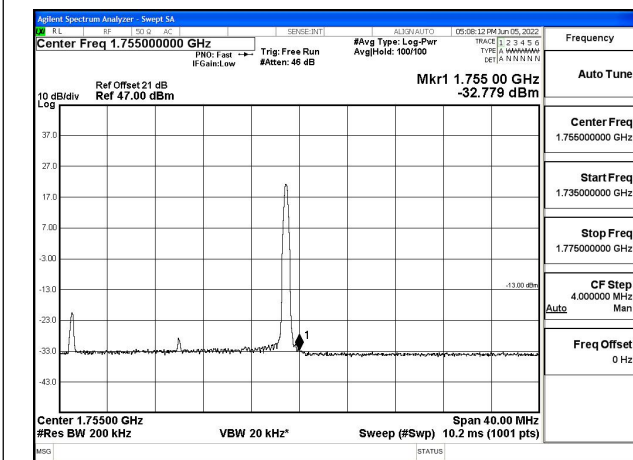


Fig.23

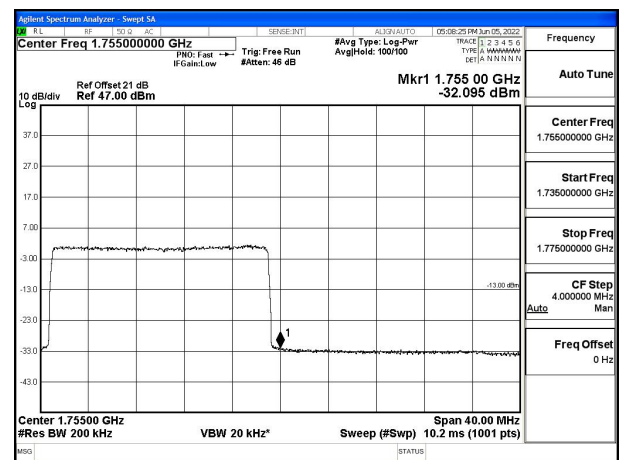


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
0	NV	0.017	0.022	0.015	-0.023	0.020	0.021
+10	NV	0.014	0.017	0.021	0.019	0.016	0.023
+20	NV	0.014	0.020	-0.013	0.004	-0.018	0.017
+30	NV	0.017	0.021	0.020	0.015	0.012	0.009
+40	NV	0.021	0.016	0.016	0.018	0.018	0.020
+50	NV	0.019	-0.013	0.016	0.024	0.016	0.019
+55	NV	0.010	0.022	0.009	0.018	0.014	-0.028
+20	LV	-0.013	0.017	0.017	0.022	-0.018	0.008
+20	HV	0.011	0.017	0.023	0.021	0.017	0.015

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
0	NV	-0.011	0.007	0.011	0.011	-0.014	-0.017
+10	NV	-0.004	0.013	-0.004	0.011	-0.010	-0.007
+20	NV	0.010	0.006	0.009	0.008	-0.001	-0.003
+30	NV	0.006	0.005	0.007	0.012	-0.003	-0.010
+40	NV	-0.006	0.009	0.010	0.005	-0.012	-0.006
+50	NV	0.008	0.005	0.003	-0.009	-0.009	-0.007
+55	NV	0.005	0.007	-0.011	0.013	-0.010	-0.015
+20	LV	-0.010	-0.012	-0.009	-0.008	-0.015	-0.016
+20	HV	-0.008	-0.011	-0.011	-0.004	-0.024	-0.019

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1710.7	19957	1.4	1	0	22.96	21.56	0.143
QPSK	1710.7	19957	1.4	1	3	22.92	21.52	0.142
QPSK	1710.7	19957	1.4	1	5	22.93	21.53	0.142
QPSK	1710.7	19957	1.4	3	0	23.00	21.60	0.145
QPSK	1710.7	19957	1.4	3	1	23.02	21.62	0.145
QPSK	1710.7	19957	1.4	3	3	22.98	21.58	0.144
QPSK	1710.7	19957	1.4	6	0	22.18	20.78	0.120
QPSK	1732.5	20175	1.4	1	0	22.56	21.16	0.131
QPSK	1732.5	20175	1.4	1	3	22.41	21.01	0.126
QPSK	1732.5	20175	1.4	1	5	22.67	21.27	0.134
QPSK	1732.5	20175	1.4	3	0	22.37	20.97	0.125
QPSK	1732.5	20175	1.4	3	1	22.42	21.02	0.126
QPSK	1732.5	20175	1.4	3	3	22.31	20.91	0.123
QPSK	1732.5	20175	1.4	6	0	21.53	20.13	0.103
QPSK	1754.3	20393	1.4	1	0	22.32	20.92	0.124
QPSK	1754.3	20393	1.4	1	3	22.47	21.07	0.128
QPSK	1754.3	20393	1.4	1	5	22.37	20.97	0.125
QPSK	1754.3	20393	1.4	3	0	22.23	20.83	0.121
QPSK	1754.3	20393	1.4	3	1	22.28	20.88	0.122
QPSK	1754.3	20393	1.4	3	3	22.38	20.98	0.125
QPSK	1754.3	20393	1.4	6	0	21.28	19.88	0.097

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	19957	1.4	1	0	22.54	21.14	0.130
16QAM	1710.7	19957	1.4	1	3	23.03	21.63	0.146
16QAM	1710.7	19957	1.4	1	5	22.95	21.55	0.143
16QAM	1710.7	19957	1.4	3	0	22.35	20.95	0.124
16QAM	1710.7	19957	1.4	3	1	22.15	20.75	0.119
16QAM	1710.7	19957	1.4	3	3	22.31	20.91	0.123

16QAM	1710.7	19957	1.4	6	0	20.91	19.51	0.089
16QAM	1732.5	20175	1.4	1	0	21.54	20.14	0.103
16QAM	1732.5	20175	1.4	1	3	21.54	20.14	0.103
16QAM	1732.5	20175	1.4	1	5	21.68	20.28	0.107
16QAM	1732.5	20175	1.4	3	0	21.59	20.19	0.104
16QAM	1732.5	20175	1.4	3	1	21.50	20.10	0.102
16QAM	1732.5	20175	1.4	3	3	21.60	20.20	0.105
16QAM	1732.5	20175	1.4	6	0	19.92	18.52	0.071
16QAM	1754.3	20393	1.4	1	0	21.86	20.46	0.111
16QAM	1754.3	20393	1.4	1	3	21.50	20.10	0.102
16QAM	1754.3	20393	1.4	1	5	21.81	20.41	0.110
16QAM	1754.3	20393	1.4	3	0	21.41	20.01	0.100
16QAM	1754.3	20393	1.4	3	1	21.64	20.24	0.106
16QAM	1754.3	20393	1.4	3	3	21.60	20.20	0.105
16QAM	1754.3	20393	1.4	6	0	19.94	18.54	0.071
64QAM	1710.7	19957	1.4	1	0	21.16	19.76	0.095
64QAM	1710.7	19957	1.4	1	3	21.33	19.93	0.098
64QAM	1710.7	19957	1.4	1	5	21.19	19.79	0.095
64QAM	1710.7	19957	1.4	3	0	21.25	19.85	0.097
64QAM	1710.7	19957	1.4	3	1	21.04	19.64	0.092
64QAM	1710.7	19957	1.4	3	3	21.00	19.60	0.091
64QAM	1710.7	19957	1.4	6	0	19.85	18.45	0.070
64QAM	1732.5	20175	1.4	1	0	20.49	19.09	0.081
64QAM	1732.5	20175	1.4	1	3	20.46	19.06	0.081
64QAM	1732.5	20175	1.4	1	5	20.24	18.84	0.077
64QAM	1732.5	20175	1.4	3	0	20.07	18.67	0.074
64QAM	1732.5	20175	1.4	3	1	20.31	18.91	0.078
64QAM	1732.5	20175	1.4	3	3	20.09	18.69	0.074
64QAM	1732.5	20175	1.4	6	0	18.97	17.57	0.057
64QAM	1754.3	20393	1.4	1	0	20.51	19.11	0.081
64QAM	1754.3	20393	1.4	1	3	20.44	19.04	0.080
64QAM	1754.3	20393	1.4	1	5	20.15	18.75	0.075
64QAM	1754.3	20393	1.4	3	0	20.27	18.87	0.077
64QAM	1754.3	20393	1.4	3	1	19.93	18.53	0.071
64QAM	1754.3	20393	1.4	3	3	20.26	18.86	0.077
64QAM	1754.3	20393	1.4	6	0	18.98	17.58	0.057

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1711.5	19965	3	1	0	23.04	21.64	0.146
QPSK	1711.5	19965	3	1	8	22.95	21.55	0.143
QPSK	1711.5	19965	3	1	14	22.88	21.48	0.141
QPSK	1711.5	19965	3	8	0	22.03	20.63	0.116
QPSK	1711.5	19965	3	8	4	22.10	20.70	0.117
QPSK	1711.5	19965	3	8	7	21.94	20.54	0.113
QPSK	1711.5	19965	3	15	0	21.92	20.52	0.113

QPSK	1732.5	20175	3	1	0	22.26	20.86	0.122
QPSK	1732.5	20175	3	1	8	22.27	20.87	0.122
QPSK	1732.5	20175	3	1	14	22.20	20.80	0.120
QPSK	1732.5	20175	3	8	0	21.35	19.95	0.099
QPSK	1732.5	20175	3	8	4	21.30	19.90	0.098
QPSK	1732.5	20175	3	8	7	21.28	19.88	0.097
QPSK	1732.5	20175	3	15	0	21.27	19.87	0.097
QPSK	1753.5	20385	3	1	0	22.57	21.17	0.131
QPSK	1753.5	20385	3	1	8	22.41	21.01	0.126
QPSK	1753.5	20385	3	1	14	22.36	20.96	0.125
QPSK	1753.5	20385	3	8	0	21.36	19.96	0.099
QPSK	1753.5	20385	3	8	4	21.41	20.01	0.100
QPSK	1753.5	20385	3	8	7	21.29	19.89	0.097
QPSK	1753.5	20385	3	15	0	21.35	19.95	0.099

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	1711.5	19965	3	1	0	22.55	21.15	0.130
16QAM	1711.5	19965	3	1	8	22.13	20.73	0.118
16QAM	1711.5	19965	3	1	14	22.19	20.79	0.120
16QAM	1711.5	19965	3	8	0	21.03	19.63	0.092
16QAM	1711.5	19965	3	8	4	21.22	19.82	0.096
16QAM	1711.5	19965	3	8	7	21.11	19.71	0.094
16QAM	1711.5	19965	3	15	0	21.13	19.73	0.094
16QAM	1732.5	20175	3	1	0	22.28	20.88	0.122
16QAM	1732.5	20175	3	1	8	21.75	20.35	0.108
16QAM	1732.5	20175	3	1	14	21.76	20.36	0.109
16QAM	1732.5	20175	3	8	0	20.40	19.00	0.079
16QAM	1732.5	20175	3	8	4	20.36	18.96	0.079
16QAM	1732.5	20175	3	8	7	20.41	19.01	0.080
16QAM	1732.5	20175	3	15	0	20.25	18.85	0.077
16QAM	1753.5	20385	3	1	0	20.96	19.56	0.090
16QAM	1753.5	20385	3	1	8	21.74	20.34	0.108
16QAM	1753.5	20385	3	1	14	21.24	19.84	0.096
16QAM	1753.5	20385	3	8	0	20.37	18.97	0.079
16QAM	1753.5	20385	3	8	4	20.44	19.04	0.080
16QAM	1753.5	20385	3	8	7	20.37	18.97	0.079
16QAM	1753.5	20385	3	15	0	20.52	19.12	0.082
64QAM	1711.5	19965	3	1	0	20.47	19.07	0.081
64QAM	1711.5	19965	3	1	8	20.93	19.53	0.090
64QAM	1711.5	19965	3	1	14	21.01	19.61	0.091
64QAM	1711.5	19965	3	8	0	19.96	18.56	0.072
64QAM	1711.5	19965	3	8	4	19.96	18.56	0.072
64QAM	1711.5	19965	3	8	7	19.99	18.59	0.072
64QAM	1711.5	19965	3	15	0	19.72	18.32	0.068
64QAM	1732.5	20175	3	1	0	20.28	18.88	0.077

64QAM	1732.5	20175	3	1	8	20.56	19.16	0.082
64QAM	1732.5	20175	3	1	14	20.05	18.65	0.073
64QAM	1732.5	20175	3	8	0	19.01	17.61	0.058
64QAM	1732.5	20175	3	8	4	19.20	17.80	0.060
64QAM	1732.5	20175	3	8	7	19.17	17.77	0.060
64QAM	1732.5	20175	3	15	0	18.91	17.51	0.056
64QAM	1753.5	20385	3	1	0	20.71	19.31	0.085
64QAM	1753.5	20385	3	1	8	20.31	18.91	0.078
64QAM	1753.5	20385	3	1	14	20.45	19.05	0.080
64QAM	1753.5	20385	3	8	0	18.97	17.57	0.057
64QAM	1753.5	20385	3	8	4	19.24	17.84	0.061
64QAM	1753.5	20385	3	8	7	19.15	17.75	0.060
64QAM	1753.5	20385	3	15	0	19.05	17.65	0.058

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1712.5	19975	5	1	0	22.87	21.47	0.140
QPSK	1712.5	19975	5	1	12	22.97	21.57	0.144
QPSK	1712.5	19975	5	1	24	23.24	21.84	0.153
QPSK	1712.5	19975	5	12	0	22.03	20.63	0.116
QPSK	1712.5	19975	5	12	7	22.02	20.62	0.115
QPSK	1712.5	19975	5	12	13	21.91	20.51	0.112
QPSK	1712.5	19975	5	25	0	21.87	20.47	0.111
QPSK	1732.5	20175	5	1	0	22.64	21.24	0.133
QPSK	1732.5	20175	5	1	12	22.61	21.21	0.132
QPSK	1732.5	20175	5	1	24	22.78	21.38	0.137
QPSK	1732.5	20175	5	12	0	21.07	19.67	0.093
QPSK	1732.5	20175	5	12	7	21.32	19.92	0.098
QPSK	1732.5	20175	5	12	13	21.22	19.82	0.096
QPSK	1732.5	20175	5	25	0	21.17	19.77	0.095
QPSK	1752.5	20375	5	1	0	22.43	21.03	0.127
QPSK	1752.5	20375	5	1	12	22.59	21.19	0.132
QPSK	1752.5	20375	5	1	24	22.53	21.13	0.130
QPSK	1752.5	20375	5	12	0	21.29	19.89	0.097
QPSK	1752.5	20375	5	12	7	21.16	19.76	0.095
QPSK	1752.5	20375	5	12	13	21.28	19.88	0.097
QPSK	1752.5	20375	5	25	0	21.33	19.93	0.098

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	1712.5	19975	5	1	0	22.84	21.44	0.139
16QAM	1712.5	19975	5	1	12	22.66	21.26	0.134
16QAM	1712.5	19975	5	1	24	22.69	21.29	0.135
16QAM	1712.5	19975	5	12	0	21.12	19.72	0.094
16QAM	1712.5	19975	5	12	7	21.18	19.78	0.095
16QAM	1712.5	19975	5	12	13	21.15	19.75	0.094

16QAM	1712.5	19975	5	25	0	21.38	19.98	0.100
16QAM	1732.5	20175	5	1	0	21.26	19.86	0.097
16QAM	1732.5	20175	5	1	12	21.53	20.13	0.103
16QAM	1732.5	20175	5	1	24	22.03	20.63	0.116
16QAM	1732.5	20175	5	12	0	20.48	19.08	0.081
16QAM	1732.5	20175	5	12	7	20.26	18.86	0.077
16QAM	1732.5	20175	5	12	13	20.29	18.89	0.077
16QAM	1732.5	20175	5	25	0	20.49	19.09	0.081
16QAM	1752.5	20375	5	1	0	21.16	19.76	0.095
16QAM	1752.5	20375	5	1	12	21.06	19.66	0.092
16QAM	1752.5	20375	5	1	24	21.86	20.46	0.111
16QAM	1752.5	20375	5	12	0	20.25	18.85	0.077
16QAM	1752.5	20375	5	12	7	20.37	18.97	0.079
16QAM	1752.5	20375	5	12	13	20.25	18.85	0.077
16QAM	1752.5	20375	5	25	0	20.22	18.82	0.076
64QAM	1712.5	19975	5	1	0	21.45	20.05	0.101
64QAM	1712.5	19975	5	1	12	21.47	20.07	0.102
64QAM	1712.5	19975	5	1	24	20.78	19.38	0.087
64QAM	1712.5	19975	5	12	0	19.93	18.53	0.071
64QAM	1712.5	19975	5	12	7	19.84	18.44	0.070
64QAM	1712.5	19975	5	12	13	19.79	18.39	0.069
64QAM	1712.5	19975	5	25	0	19.71	18.31	0.068
64QAM	1732.5	20175	5	1	0	20.27	18.87	0.077
64QAM	1732.5	20175	5	1	12	20.73	19.33	0.086
64QAM	1732.5	20175	5	1	24	20.84	19.44	0.088
64QAM	1732.5	20175	5	12	0	18.84	17.44	0.055
64QAM	1732.5	20175	5	12	7	19.09	17.69	0.059
64QAM	1732.5	20175	5	12	13	19.02	17.62	0.058
64QAM	1732.5	20175	5	25	0	19.01	17.61	0.058
64QAM	1752.5	20375	5	1	0	20.20	18.80	0.076
64QAM	1752.5	20375	5	1	12	20.48	19.08	0.081
64QAM	1752.5	20375	5	1	24	20.18	18.78	0.076
64QAM	1752.5	20375	5	12	0	19.14	17.74	0.059
64QAM	1752.5	20375	5	12	7	19.30	17.90	0.062
64QAM	1752.5	20375	5	12	13	18.99	17.59	0.057
64QAM	1752.5	20375	5	25	0	19.00	17.60	0.058

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1715	20000	10	1	0	23.39	21.99	0.158
QPSK	1715	20000	10	1	25	23.00	21.60	0.145
QPSK	1715	20000	10	1	49	22.34	20.94	0.124
QPSK	1715	20000	10	25	0	21.92	20.52	0.113
QPSK	1715	20000	10	25	12	21.82	20.42	0.110
QPSK	1715	20000	10	25	25	21.08	19.68	0.093
QPSK	1715	20000	10	50	0	22.04	20.64	0.116

QPSK	1732.5	20175	10	1	0	22.14	20.74	0.119
QPSK	1732.5	20175	10	1	25	22.25	20.85	0.122
QPSK	1732.5	20175	10	1	49	22.50	21.10	0.129
QPSK	1732.5	20175	10	25	0	21.10	19.70	0.093
QPSK	1732.5	20175	10	25	12	21.36	19.96	0.099
QPSK	1732.5	20175	10	25	25	21.27	19.87	0.097
QPSK	1732.5	20175	10	50	0	21.22	19.82	0.096
QPSK	1750	20350	10	1	0	22.15	20.75	0.119
QPSK	1750	20350	10	1	25	22.50	21.10	0.129
QPSK	1750	20350	10	1	49	22.09	20.69	0.117
QPSK	1750	20350	10	25	0	21.77	20.37	0.109
QPSK	1750	20350	10	25	12	21.52	20.12	0.103
QPSK	1750	20350	10	25	25	21.30	19.90	0.098
QPSK	1750	20350	10	50	0	21.65	20.25	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	20000	10	1	0	22.86	21.46	0.140
16QAM	1715	20000	10	1	25	21.95	20.55	0.114
16QAM	1715	20000	10	1	49	21.60	20.20	0.105
16QAM	1715	20000	10	25	0	21.31	19.91	0.098
16QAM	1715	20000	10	25	12	21.41	20.01	0.100
16QAM	1715	20000	10	25	25	20.38	18.98	0.079
16QAM	1715	20000	10	50	0	20.92	19.52	0.090
16QAM	1732.5	20175	10	1	0	21.94	20.54	0.113
16QAM	1732.5	20175	10	1	25	21.81	20.41	0.110
16QAM	1732.5	20175	10	1	49	20.94	19.54	0.090
16QAM	1732.5	20175	10	25	0	20.23	18.83	0.076
16QAM	1732.5	20175	10	25	12	20.21	18.81	0.076
16QAM	1732.5	20175	10	25	25	20.24	18.84	0.077
16QAM	1732.5	20175	10	50	0	20.43	19.03	0.080
16QAM	1750	20350	10	1	0	22.41	21.01	0.126
16QAM	1750	20350	10	1	25	22.48	21.08	0.128
16QAM	1750	20350	10	1	49	21.75	20.35	0.108
16QAM	1750	20350	10	25	0	20.87	19.47	0.089
16QAM	1750	20350	10	25	12	20.59	19.19	0.083
16QAM	1750	20350	10	25	25	20.30	18.90	0.078
16QAM	1750	20350	10	50	0	20.68	19.28	0.085
64QAM	1715	20000	10	1	0	21.40	20.00	0.100
64QAM	1715	20000	10	1	25	20.93	19.53	0.090
64QAM	1715	20000	10	1	49	20.04	18.64	0.073
64QAM	1715	20000	10	25	0	18.91	17.51	0.056
64QAM	1715	20000	10	25	12	19.04	17.64	0.058
64QAM	1715	20000	10	25	25	19.28	17.88	0.061
64QAM	1715	20000	10	50	0	19.14	17.74	0.059
64QAM	1732.5	20175	10	1	0	20.33	18.93	0.078

64QAM	1732.5	20175	10	1	25	20.21	18.81	0.076
64QAM	1732.5	20175	10	1	49	20.26	18.86	0.077
64QAM	1732.5	20175	10	25	0	18.88	17.48	0.056
64QAM	1732.5	20175	10	25	12	19.14	17.74	0.059
64QAM	1732.5	20175	10	25	25	19.47	18.07	0.064
64QAM	1732.5	20175	10	50	0	19.22	17.82	0.061
64QAM	1750	20350	10	1	0	20.24	18.84	0.077
64QAM	1750	20350	10	1	25	20.79	19.39	0.087
64QAM	1750	20350	10	1	49	20.38	18.98	0.079
64QAM	1750	20350	10	25	0	19.20	17.80	0.060
64QAM	1750	20350	10	25	12	19.22	17.82	0.061
64QAM	1750	20350	10	25	25	19.55	18.15	0.065
64QAM	1750	20350	10	50	0	19.34	17.94	0.062

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	23.52	22.12	0.163
QPSK	1717.5	20025	15	1	37	22.77	21.37	0.137
QPSK	1717.5	20025	15	1	74	22.82	21.42	0.139
QPSK	1717.5	20025	15	36	0	21.78	20.38	0.109
QPSK	1717.5	20025	15	36	29	21.01	19.61	0.091
QPSK	1717.5	20025	15	36	30	21.01	19.61	0.091
QPSK	1717.5	20025	15	75	0	21.18	19.78	0.095
QPSK	1732.5	20175	15	1	0	22.88	21.48	0.141
QPSK	1732.5	20175	15	1	37	22.85	21.45	0.140
QPSK	1732.5	20175	15	1	74	22.86	21.46	0.140
QPSK	1732.5	20175	15	36	0	21.06	19.66	0.092
QPSK	1732.5	20175	15	36	29	21.44	20.04	0.101
QPSK	1732.5	20175	15	36	30	21.34	19.94	0.099
QPSK	1732.5	20175	15	75	0	21.28	19.88	0.097
QPSK	1747.5	20325	15	1	0	22.98	21.58	0.144
QPSK	1747.5	20325	15	1	37	23.43	22.03	0.160
QPSK	1747.5	20325	15	1	74	23.05	21.65	0.146
QPSK	1747.5	20325	15	36	0	21.53	20.13	0.103
QPSK	1747.5	20325	15	36	29	21.71	20.31	0.107
QPSK	1747.5	20325	15	36	30	21.55	20.15	0.104
QPSK	1747.5	20325	15	75	0	21.83	20.43	0.110

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	20025	15	1	0	23.64	22.24	0.167
16QAM	1717.5	20025	15	1	37	22.44	21.04	0.127
16QAM	1717.5	20025	15	1	74	22.13	20.73	0.118
16QAM	1717.5	20025	15	36	0	20.90	19.50	0.089
16QAM	1717.5	20025	15	36	29	20.32	18.92	0.078
16QAM	1717.5	20025	15	36	30	20.19	18.79	0.076

16QAM	1717.5	20025	15	75	0	20.35	18.95	0.079
16QAM	1732.5	20175	15	1	0	21.54	20.14	0.103
16QAM	1732.5	20175	15	1	37	21.69	20.29	0.107
16QAM	1732.5	20175	15	1	74	22.28	20.88	0.122
16QAM	1732.5	20175	15	36	0	20.23	18.83	0.076
16QAM	1732.5	20175	15	36	29	20.45	19.05	0.080
16QAM	1732.5	20175	15	36	30	20.38	18.98	0.079
16QAM	1732.5	20175	15	75	0	20.32	18.92	0.078
16QAM	1747.5	20325	15	1	0	22.56	21.16	0.131
16QAM	1747.5	20325	15	1	37	22.58	21.18	0.131
16QAM	1747.5	20325	15	1	74	22.31	20.91	0.123
16QAM	1747.5	20325	15	36	0	20.40	19.00	0.079
16QAM	1747.5	20325	15	36	29	20.56	19.16	0.082
16QAM	1747.5	20325	15	36	30	20.56	19.16	0.082
16QAM	1747.5	20325	15	75	0	20.88	19.48	0.089
64QAM	1717.5	20025	15	1	0	21.49	20.09	0.102
64QAM	1717.5	20025	15	1	37	20.80	19.40	0.087
64QAM	1717.5	20025	15	1	74	21.05	19.65	0.092
64QAM	1717.5	20025	15	36	0	18.97	17.57	0.057
64QAM	1717.5	20025	15	36	29	19.09	17.69	0.059
64QAM	1717.5	20025	15	36	30	19.08	17.68	0.059
64QAM	1717.5	20025	15	75	0	19.10	17.70	0.059
64QAM	1732.5	20175	15	1	0	21.03	19.63	0.092
64QAM	1732.5	20175	15	1	37	20.55	19.15	0.082
64QAM	1732.5	20175	15	1	74	20.51	19.11	0.081
64QAM	1732.5	20175	15	36	0	18.91	17.51	0.056
64QAM	1732.5	20175	15	36	29	19.23	17.83	0.061
64QAM	1732.5	20175	15	36	30	19.22	17.82	0.061
64QAM	1732.5	20175	15	75	0	19.17	17.77	0.060
64QAM	1747.5	20325	15	1	0	20.93	19.53	0.090
64QAM	1747.5	20325	15	1	37	21.34	19.94	0.099
64QAM	1747.5	20325	15	1	74	20.89	19.49	0.089
64QAM	1747.5	20325	15	36	0	19.83	18.43	0.070
64QAM	1747.5	20325	15	36	29	19.86	18.46	0.070
64QAM	1747.5	20325	15	36	30	19.86	18.46	0.070
64QAM	1747.5	20325	15	75	0	19.85	18.45	0.070

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1720	20050	20	1	0	23.40	22.00	0.158
QPSK	1720	20050	20	1	49	22.71	21.31	0.135
QPSK	1720	20050	20	1	99	22.82	21.42	0.139
QPSK	1720	20050	20	50	0	21.77	20.37	0.109
QPSK	1720	20050	20	50	24	21.41	20.01	0.100
QPSK	1720	20050	20	50	50	21.21	19.81	0.096
QPSK	1720	20050	20	100	0	21.20	19.80	0.095

QPSK	1732.5	20175	20	1	0	22.64	21.24	0.133
QPSK	1732.5	20175	20	1	49	22.74	21.34	0.136
QPSK	1732.5	20175	20	1	99	22.93	21.53	0.142
QPSK	1732.5	20175	20	50	0	21.14	19.74	0.094
QPSK	1732.5	20175	20	50	24	21.26	19.86	0.097
QPSK	1732.5	20175	20	50	50	21.28	19.88	0.097
QPSK	1732.5	20175	20	100	0	21.25	19.85	0.097
QPSK	1745	20300	20	1	0	22.90	21.50	0.141
QPSK	1745	20300	20	1	49	22.86	21.46	0.140
QPSK	1745	20300	20	1	99	22.94	21.54	0.143
QPSK	1745	20300	20	50	0	21.39	19.99	0.100
QPSK	1745	20300	20	50	24	21.27	19.87	0.097
QPSK	1745	20300	20	50	50	21.73	20.33	0.108
QPSK	1745	20300	20	100	0	21.36	19.96	0.099

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	1720	20050	20	1	0	23.13	21.73	0.149
16QAM	1720	20050	20	1	49	22.07	20.67	0.117
16QAM	1720	20050	20	1	99	21.91	20.51	0.112
16QAM	1720	20050	20	50	0	20.89	19.49	0.089
16QAM	1720	20050	20	50	24	20.16	18.76	0.075
16QAM	1720	20050	20	50	50	20.25	18.85	0.077
16QAM	1720	20050	20	100	0	20.44	19.04	0.080
16QAM	1732.5	20175	20	1	0	21.59	20.19	0.104
16QAM	1732.5	20175	20	1	49	21.57	20.17	0.104
16QAM	1732.5	20175	20	1	99	21.85	20.45	0.111
16QAM	1732.5	20175	20	50	0	20.31	18.91	0.078
16QAM	1732.5	20175	20	50	24	20.30	18.90	0.078
16QAM	1732.5	20175	20	50	50	20.64	19.24	0.084
16QAM	1732.5	20175	20	100	0	20.38	18.98	0.079
16QAM	1745	20300	20	1	0	22.38	20.98	0.125
16QAM	1745	20300	20	1	49	22.65	21.25	0.133
16QAM	1745	20300	20	1	99	22.89	21.49	0.141
16QAM	1745	20300	20	50	0	20.49	19.09	0.081
16QAM	1745	20300	20	50	24	20.50	19.10	0.081
16QAM	1745	20300	20	50	50	20.72	19.32	0.086
16QAM	1745	20300	20	100	0	20.46	19.06	0.081
64QAM	1720	20050	20	1	0	21.45	20.05	0.101
64QAM	1720	20050	20	1	49	20.47	19.07	0.081
64QAM	1720	20050	20	1	99	20.82	19.42	0.087
64QAM	1720	20050	20	50	0	19.12	17.72	0.059
64QAM	1720	20050	20	50	24	18.99	17.59	0.057
64QAM	1720	20050	20	50	50	19.34	17.94	0.062
64QAM	1720	20050	20	100	0	19.17	17.77	0.060
64QAM	1732.5	20175	20	1	0	20.60	19.20	0.083

64QAM	1732.5	20175	20	1	49	20.54	19.14	0.082
64QAM	1732.5	20175	20	1	99	20.64	19.24	0.084
64QAM	1732.5	20175	20	50	0	19.16	17.76	0.060
64QAM	1732.5	20175	20	50	24	19.19	17.79	0.060
64QAM	1732.5	20175	20	50	50	19.59	18.19	0.066
64QAM	1732.5	20175	20	100	0	19.36	17.96	0.063
64QAM	1745	20300	20	1	0	20.48	19.08	0.081
64QAM	1745	20300	20	1	49	21.13	19.73	0.094
64QAM	1745	20300	20	1	99	21.05	19.65	0.092
64QAM	1745	20300	20	50	0	19.98	18.58	0.072
64QAM	1745	20300	20	50	24	19.83	18.43	0.070
64QAM	1745	20300	20	50	50	20.16	18.76	0.075
64QAM	1745	20300	20	100	0	20.02	18.62	0.073