

Fig.13

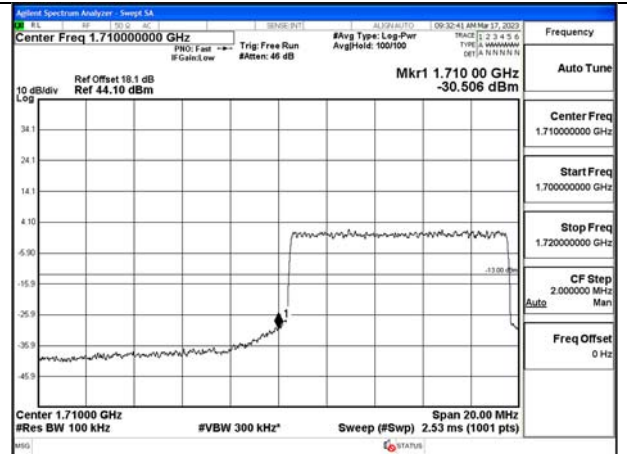


Fig.14

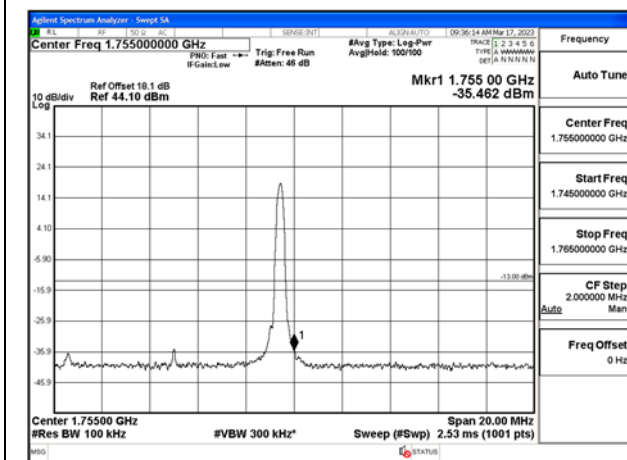


Fig.15

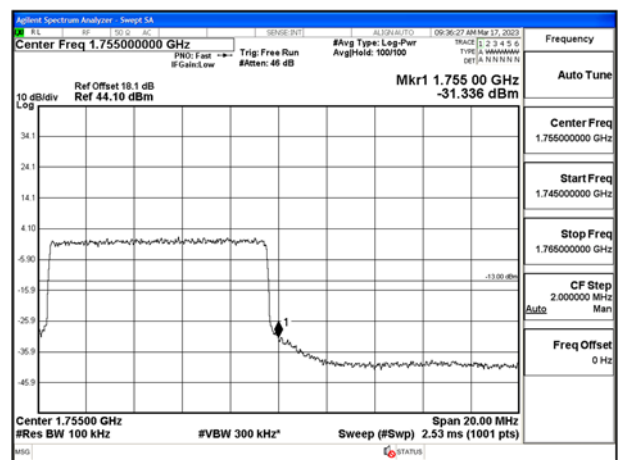


Fig.16

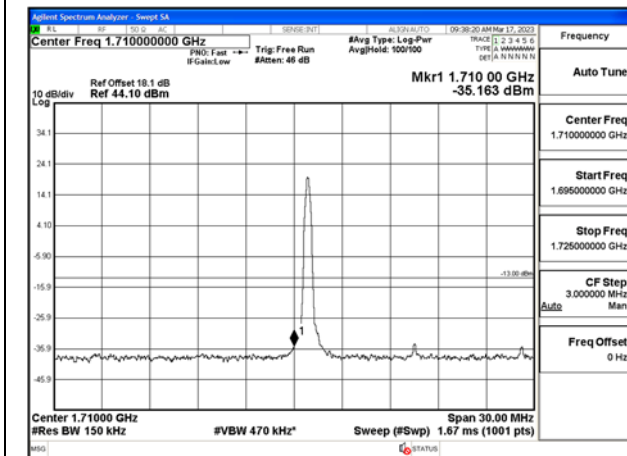


Fig.17

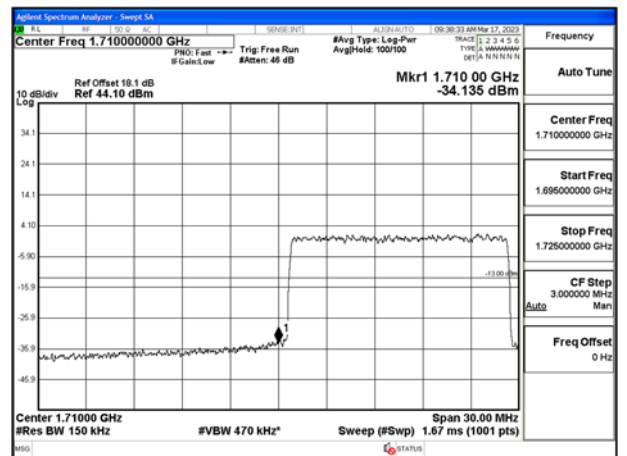


Fig.18

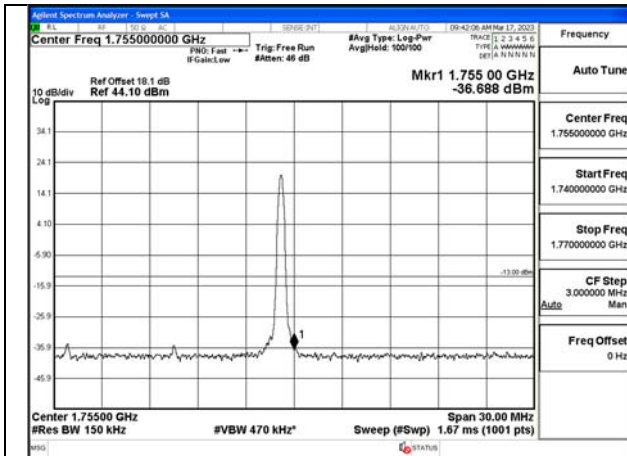


Fig.19

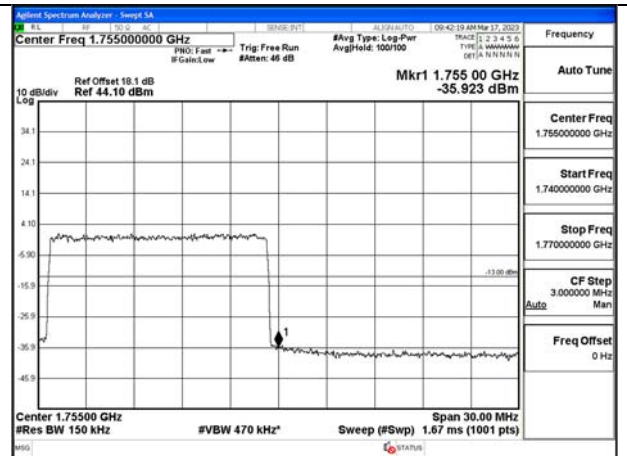


Fig.20

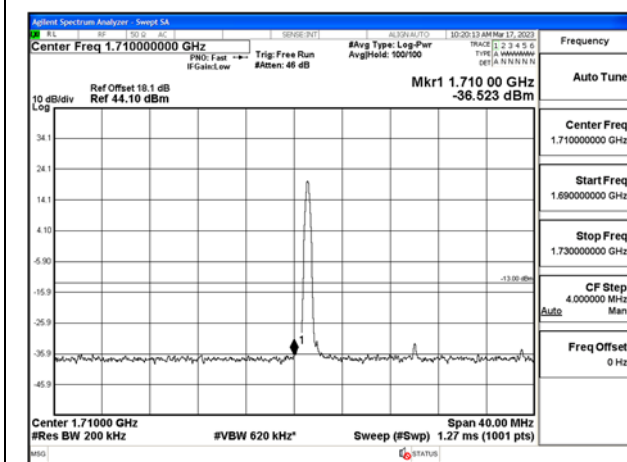


Fig.21

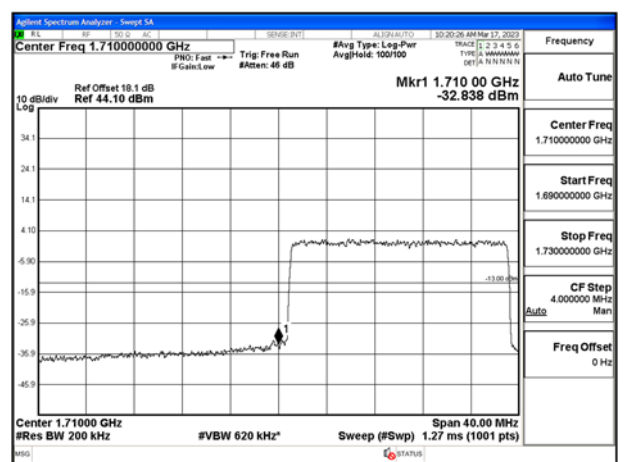


Fig.22

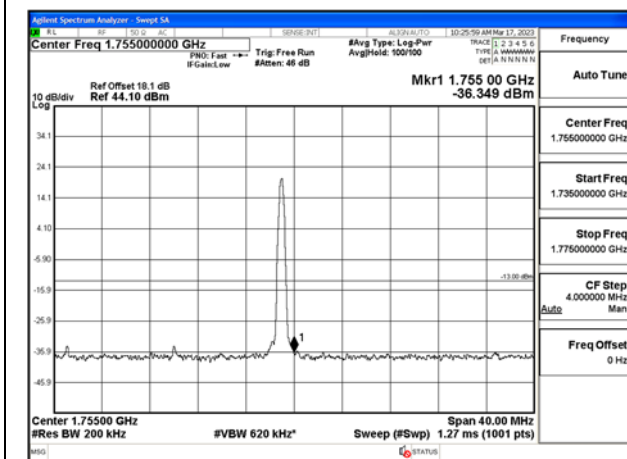


Fig.23

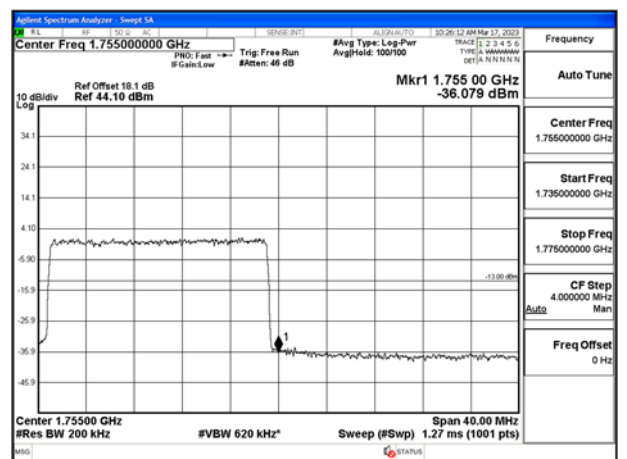


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.016	-0.012	0.008	0.005	0.001	0.003
0	NV	-0.016	-0.004	0.005	0.004	0.002	0.005
+10	NV	-0.010	-0.010	0.002	0.002	0.002	0.006
+20	NV	-0.007	-0.012	0.008	-0.002	-0.003	0.003
+30	NV	-0.008	-0.011	0.008	-0.006	0.005	0.009
+40	NV	-0.011	0.010	0.013	-0.005	-0.004	0.005
+50	NV	-0.013	0.011	0.011	-0.007	-0.008	0.005
+55	NV	0.002	0.006	0.018	-0.002	-0.005	0.006
+20	LV	-0.024	-0.022	-0.005	-0.011	-0.009	0.006
+20	HV	-0.022	-0.022	-0.002	-0.008	-0.009	0.001

Temperature(°C)	Voltage	Test Result (ppm) High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.006	-0.006	0.007	0.011	0.007	0.006
0	NV	-0.009	-0.006	0.010	0.015	0.003	0.007
+10	NV	-0.008	-0.012	0.003	0.010	0.004	0.011
+20	NV	-0.010	0.006	0.008	0.011	-0.002	-0.002
+30	NV	-0.007	-0.011	0.012	0.011	0.011	0.007
+40	NV	0.007	0.014	0.017	0.007	0.002	0.004
+55	NV	0.005	0.008	0.009	0.002	0.011	0.007
+55	NV	0.007	0.009	0.009	0.006	0.014	0.005
+20	LV	-0.022	-0.015	0.002	-0.005	-0.001	0.001
+20	HV	-0.013	-0.012	-0.006	0.004	0.013	0.004

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	22.65	20.65	0.116
QPSK	1710.7	19957	1.4	1	3	22.88	20.88	0.122
QPSK	1710.7	19957	1.4	1	5	22.88	20.88	0.122
QPSK	1710.7	19957	1.4	3	0	22.82	20.82	0.121
QPSK	1710.7	19957	1.4	3	1	22.81	20.81	0.121
QPSK	1710.7	19957	1.4	3	3	22.85	20.85	0.122
QPSK	1710.7	19957	1.4	6	0	21.87	19.87	0.097
QPSK	1732.5	20175	1.4	1	0	22.67	20.67	0.117
QPSK	1732.5	20175	1.4	1	3	22.85	20.85	0.122
QPSK	1732.5	20175	1.4	1	5	22.92	20.92	0.124
QPSK	1732.5	20175	1.4	3	0	22.94	20.94	0.124
QPSK	1732.5	20175	1.4	3	1	23.09	21.09	0.129
QPSK	1732.5	20175	1.4	3	3	22.84	20.84	0.121
QPSK	1732.5	20175	1.4	6	0	21.83	19.83	0.096
QPSK	1754.3	20393	1.4	1	0	22.86	20.86	0.122
QPSK	1754.3	20393	1.4	1	3	22.68	20.68	0.117
QPSK	1754.3	20393	1.4	1	5	22.74	20.74	0.119
QPSK	1754.3	20393	1.4	3	0	22.81	20.81	0.121
QPSK	1754.3	20393	1.4	3	1	22.78	20.78	0.120
QPSK	1754.3	20393	1.4	3	3	22.85	20.85	0.122
QPSK	1754.3	20393	1.4	6	0	21.80	19.80	0.095

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	22.40	20.40	0.110
16QAM	1710.7	19957	1.4	1	3	22.46	20.46	0.111
16QAM	1710.7	19957	1.4	1	5	22.06	20.06	0.101
16QAM	1710.7	19957	1.4	3	0	21.78	19.78	0.095
16QAM	1710.7	19957	1.4	3	1	21.87	19.87	0.097
16QAM	1710.7	19957	1.4	3	3	21.97	19.97	0.099
16QAM	1710.7	19957	1.4	6	0	21.03	19.03	0.080
16QAM	1732.5	20175	1.4	1	0	21.98	19.98	0.100
16QAM	1732.5	20175	1.4	1	3	22.38	20.38	0.109
16QAM	1732.5	20175	1.4	1	5	21.59	19.59	0.091
16QAM	1732.5	20175	1.4	3	0	22.13	20.13	0.103
16QAM	1732.5	20175	1.4	3	1	22.16	20.16	0.104
16QAM	1732.5	20175	1.4	3	3	21.98	19.98	0.100
16QAM	1732.5	20175	1.4	6	0	20.73	18.73	0.075
16QAM	1754.3	20393	1.4	1	0	21.94	19.94	0.099
16QAM	1754.3	20393	1.4	1	3	22.16	20.16	0.104
16QAM	1754.3	20393	1.4	1	5	22.18	20.18	0.104
16QAM	1754.3	20393	1.4	3	0	21.71	19.71	0.094
16QAM	1754.3	20393	1.4	3	1	21.82	19.82	0.096
16QAM	1754.3	20393	1.4	3	3	22.00	20.00	0.100
16QAM	1754.3	20393	1.4	6	0	20.77	18.77	0.075
64QAM	1710.7	19957	1.4	1	0	22.11	20.11	0.103
64QAM	1710.7	19957	1.4	1	3	21.95	19.95	0.099
64QAM	1710.7	19957	1.4	1	5	21.88	19.88	0.097
64QAM	1710.7	19957	1.4	3	0	22.06	20.06	0.101
64QAM	1710.7	19957	1.4	3	1	21.91	19.91	0.098
64QAM	1710.7	19957	1.4	3	3	22.04	20.04	0.101
64QAM	1710.7	19957	1.4	6	0	20.94	18.94	0.078
64QAM	1732.5	20175	1.4	1	0	22.00	20.00	0.100
64QAM	1732.5	20175	1.4	1	3	22.20	20.20	0.105
64QAM	1732.5	20175	1.4	1	5	21.76	19.76	0.095
64QAM	1732.5	20175	1.4	3	0	22.02	20.02	0.100
64QAM	1732.5	20175	1.4	3	1	21.86	19.86	0.097
64QAM	1732.5	20175	1.4	3	3	21.79	19.79	0.095
64QAM	1732.5	20175	1.4	6	0	20.84	18.84	0.077
64QAM	1754.3	20393	1.4	1	0	21.74	19.74	0.094
64QAM	1754.3	20393	1.4	1	3	21.98	19.98	0.100
64QAM	1754.3	20393	1.4	1	5	21.96	19.96	0.099
64QAM	1754.3	20393	1.4	3	0	21.67	19.67	0.093
64QAM	1754.3	20393	1.4	3	1	22.04	20.04	0.101
64QAM	1754.3	20393	1.4	3	3	21.66	19.66	0.092
64QAM	1754.3	20393	1.4	6	0	20.93	18.93	0.078

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	22.59	20.59	0.115
QPSK	1711.5	19965	3	1	8	22.62	20.62	0.115
QPSK	1711.5	19965	3	1	14	22.43	20.43	0.110
QPSK	1711.5	19965	3	8	0	21.64	19.64	0.092
QPSK	1711.5	19965	3	8	4	21.65	19.65	0.092
QPSK	1711.5	19965	3	8	7	21.60	19.60	0.091
QPSK	1711.5	19965	3	15	0	21.61	19.61	0.091
QPSK	1732.5	20175	3	1	0	22.31	20.31	0.107
QPSK	1732.5	20175	3	1	8	22.41	20.41	0.110
QPSK	1732.5	20175	3	1	14	22.44	20.44	0.111
QPSK	1732.5	20175	3	8	0	21.48	19.48	0.089
QPSK	1732.5	20175	3	8	4	21.61	19.61	0.091
QPSK	1732.5	20175	3	8	7	21.68	19.68	0.093
QPSK	1732.5	20175	3	15	0	21.59	19.59	0.091
QPSK	1753.5	20385	3	1	0	22.52	20.52	0.113
QPSK	1753.5	20385	3	1	8	22.69	20.69	0.117
QPSK	1753.5	20385	3	1	14	22.78	20.78	0.120
QPSK	1753.5	20385	3	8	0	21.62	19.62	0.092
QPSK	1753.5	20385	3	8	4	21.56	19.56	0.090
QPSK	1753.5	20385	3	8	7	21.70	19.70	0.093
QPSK	1753.5	20385	3	15	0	21.62	19.62	0.092

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	22.13	20.13	0.103
16QAM	1711.5	19965	3	1	8	22.14	20.14	0.103
16QAM	1711.5	19965	3	1	14	21.80	19.80	0.095
16QAM	1711.5	19965	3	8	0	20.86	18.86	0.077
16QAM	1711.5	19965	3	8	4	20.79	18.79	0.076
16QAM	1711.5	19965	3	8	7	20.56	18.56	0.072
16QAM	1711.5	19965	3	15	0	20.80	18.80	0.076
16QAM	1732.5	20175	3	1	0	21.87	19.87	0.097
16QAM	1732.5	20175	3	1	8	21.92	19.92	0.098
16QAM	1732.5	20175	3	1	14	21.77	19.77	0.095
16QAM	1732.5	20175	3	8	0	20.60	18.60	0.072
16QAM	1732.5	20175	3	8	4	20.75	18.75	0.075
16QAM	1732.5	20175	3	8	7	20.65	18.65	0.073
16QAM	1732.5	20175	3	15	0	20.68	18.68	0.074
16QAM	1753.5	20385	3	1	0	22.02	20.02	0.100
16QAM	1753.5	20385	3	1	8	22.03	20.03	0.101
16QAM	1753.5	20385	3	1	14	22.16	20.16	0.104
16QAM	1753.5	20385	3	8	0	20.66	18.66	0.073
16QAM	1753.5	20385	3	8	4	20.69	18.69	0.074
16QAM	1753.5	20385	3	8	7	21.00	19.00	0.079
16QAM	1753.5	20385	3	15	0	20.66	18.66	0.073
64QAM	1711.5	19965	3	1	0	21.42	19.42	0.087
64QAM	1711.5	19965	3	1	8	22.00	20.00	0.100
64QAM	1711.5	19965	3	1	14	21.83	19.83	0.096
64QAM	1711.5	19965	3	8	0	20.70	18.70	0.074
64QAM	1711.5	19965	3	8	4	20.86	18.86	0.077
64QAM	1711.5	19965	3	8	7	20.76	18.76	0.075
64QAM	1711.5	19965	3	15	0	20.69	18.69	0.074
64QAM	1732.5	20175	3	1	0	21.46	19.46	0.088
64QAM	1732.5	20175	3	1	8	22.02	20.02	0.100
64QAM	1732.5	20175	3	1	14	21.66	19.66	0.092
64QAM	1732.5	20175	3	8	0	20.55	18.55	0.072
64QAM	1732.5	20175	3	8	4	20.69	18.69	0.074
64QAM	1732.5	20175	3	8	7	20.53	18.53	0.071
64QAM	1732.5	20175	3	15	0	20.73	18.73	0.075
64QAM	1753.5	20385	3	1	0	21.90	19.90	0.098
64QAM	1753.5	20385	3	1	8	22.03	20.03	0.101
64QAM	1753.5	20385	3	1	14	21.67	19.67	0.093
64QAM	1753.5	20385	3	8	0	20.51	18.51	0.071
64QAM	1753.5	20385	3	8	4	20.73	18.73	0.075
64QAM	1753.5	20385	3	8	7	20.83	18.83	0.076
64QAM	1753.5	20385	3	15	0	20.63	18.63	0.073

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	22.63	20.63	0.116
QPSK	1712.5	19975	5	1	12	22.57	20.57	0.114
QPSK	1712.5	19975	5	1	24	22.59	20.59	0.115
QPSK	1712.5	19975	5	12	0	21.74	19.74	0.094
QPSK	1712.5	19975	5	12	7	21.76	19.76	0.095
QPSK	1712.5	19975	5	12	13	21.67	19.67	0.093
QPSK	1712.5	19975	5	25	0	21.65	19.65	0.092
QPSK	1732.5	20175	5	1	0	22.65	20.65	0.116
QPSK	1732.5	20175	5	1	12	22.59	20.59	0.115
QPSK	1732.5	20175	5	1	24	22.44	20.44	0.111
QPSK	1732.5	20175	5	12	0	21.61	19.61	0.091
QPSK	1732.5	20175	5	12	7	21.63	19.63	0.092
QPSK	1732.5	20175	5	12	13	21.63	19.63	0.092
QPSK	1732.5	20175	5	25	0	21.63	19.63	0.092
QPSK	1752.5	20375	5	1	0	22.71	20.71	0.118
QPSK	1752.5	20375	5	1	12	22.80	20.80	0.120
QPSK	1752.5	20375	5	1	24	22.43	20.43	0.110
QPSK	1752.5	20375	5	12	0	21.62	19.62	0.092
QPSK	1752.5	20375	5	12	7	21.65	19.65	0.092
QPSK	1752.5	20375	5	12	13	21.65	19.65	0.092
QPSK	1752.5	20375	5	25	0	21.60	19.60	0.091

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	21.69	19.69	0.093
16QAM	1712.5	19975	5	1	12	22.21	20.21	0.105
16QAM	1712.5	19975	5	1	24	21.96	19.96	0.099
16QAM	1712.5	19975	5	12	0	20.82	18.82	0.076
16QAM	1712.5	19975	5	12	7	20.77	18.77	0.075
16QAM	1712.5	19975	5	12	13	20.81	18.81	0.076
16QAM	1712.5	19975	5	25	0	20.79	18.79	0.076
16QAM	1732.5	20175	5	1	0	22.13	20.13	0.103
16QAM	1732.5	20175	5	1	12	21.92	19.92	0.098
16QAM	1732.5	20175	5	1	24	21.73	19.73	0.094
16QAM	1732.5	20175	5	12	0	20.45	18.45	0.070
16QAM	1732.5	20175	5	12	7	20.61	18.61	0.073
16QAM	1732.5	20175	5	12	13	20.70	18.70	0.074
16QAM	1732.5	20175	5	25	0	20.69	18.69	0.074
16QAM	1752.5	20375	5	1	0	21.90	19.90	0.098
16QAM	1752.5	20375	5	1	12	21.85	19.85	0.097
16QAM	1752.5	20375	5	1	24	22.23	20.23	0.105
16QAM	1752.5	20375	5	12	0	20.47	18.47	0.070
16QAM	1752.5	20375	5	12	7	20.68	18.68	0.074
16QAM	1752.5	20375	5	12	13	20.84	18.84	0.077
16QAM	1752.5	20375	5	25	0	20.62	18.62	0.073
64QAM	1712.5	19975	5	1	0	21.62	19.62	0.092
64QAM	1712.5	19975	5	1	12	21.68	19.68	0.093
64QAM	1712.5	19975	5	1	24	21.75	19.75	0.094
64QAM	1712.5	19975	5	12	0	20.77	18.77	0.075
64QAM	1712.5	19975	5	12	7	20.73	18.73	0.075
64QAM	1712.5	19975	5	12	13	20.68	18.68	0.074
64QAM	1712.5	19975	5	25	0	20.67	18.67	0.074
64QAM	1732.5	20175	5	1	0	21.78	19.78	0.095
64QAM	1732.5	20175	5	1	12	21.76	19.76	0.095
64QAM	1732.5	20175	5	1	24	22.01	20.01	0.100
64QAM	1732.5	20175	5	12	0	20.69	18.69	0.074
64QAM	1732.5	20175	5	12	7	20.69	18.69	0.074
64QAM	1732.5	20175	5	12	13	20.56	18.56	0.072
64QAM	1732.5	20175	5	25	0	20.71	18.71	0.074
64QAM	1752.5	20375	5	1	0	21.75	19.75	0.094
64QAM	1752.5	20375	5	1	12	21.75	19.75	0.094
64QAM	1752.5	20375	5	1	24	21.56	19.56	0.090
64QAM	1752.5	20375	5	12	0	20.61	18.61	0.073
64QAM	1752.5	20375	5	12	7	20.62	18.62	0.073
64QAM	1752.5	20375	5	12	13	20.90	18.90	0.078
64QAM	1752.5	20375	5	25	0	20.58	18.58	0.072

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	22.70	20.70	0.117
QPSK	1715	20000	10	1	25	22.68	20.68	0.117
QPSK	1715	20000	10	1	49	22.68	20.68	0.117
QPSK	1715	20000	10	25	0	21.65	19.65	0.092
QPSK	1715	20000	10	25	12	21.78	19.78	0.095
QPSK	1715	20000	10	25	25	21.71	19.71	0.094
QPSK	1715	20000	10	50	0	21.77	19.77	0.095
QPSK	1732.5	20175	10	1	0	22.65	20.65	0.116
QPSK	1732.5	20175	10	1	25	22.76	20.76	0.119
QPSK	1732.5	20175	10	1	49	22.55	20.55	0.114
QPSK	1732.5	20175	10	25	0	21.60	19.60	0.091
QPSK	1732.5	20175	10	25	12	21.55	19.55	0.090
QPSK	1732.5	20175	10	25	25	21.71	19.71	0.094
QPSK	1732.5	20175	10	50	0	21.62	19.62	0.092
QPSK	1750	20350	10	1	0	22.75	20.75	0.119
QPSK	1750	20350	10	1	25	22.53	20.53	0.113
QPSK	1750	20350	10	1	49	22.72	20.72	0.118
QPSK	1750	20350	10	25	0	21.54	19.54	0.090
QPSK	1750	20350	10	25	12	21.67	19.67	0.093
QPSK	1750	20350	10	25	25	21.73	19.73	0.094
QPSK	1750	20350	10	50	0	21.63	19.63	0.092

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	22.40	20.40	0.110
16QAM	1715	20000	10	1	25	22.26	20.26	0.106
16QAM	1715	20000	10	1	49	21.91	19.91	0.098
16QAM	1715	20000	10	25	0	20.77	18.77	0.075
16QAM	1715	20000	10	25	12	20.83	18.83	0.076
16QAM	1715	20000	10	25	25	20.66	18.66	0.073
16QAM	1715	20000	10	50	0	20.77	18.77	0.075
16QAM	1732.5	20175	10	1	0	21.77	19.77	0.095
16QAM	1732.5	20175	10	1	25	21.73	19.73	0.094
16QAM	1732.5	20175	10	1	49	21.99	19.99	0.100
16QAM	1732.5	20175	10	25	0	20.52	18.52	0.071
16QAM	1732.5	20175	10	25	12	20.60	18.60	0.072
16QAM	1732.5	20175	10	25	25	20.62	18.62	0.073
16QAM	1732.5	20175	10	50	0	20.69	18.69	0.074
16QAM	1750	20350	10	1	0	22.27	20.27	0.106
16QAM	1750	20350	10	1	25	21.81	19.81	0.096
16QAM	1750	20350	10	1	49	22.07	20.07	0.102
16QAM	1750	20350	10	25	0	20.62	18.62	0.073
16QAM	1750	20350	10	25	12	20.65	18.65	0.073
16QAM	1750	20350	10	25	25	20.79	18.79	0.076
16QAM	1750	20350	10	50	0	20.56	18.56	0.072
64QAM	1715	20000	10	1	0	21.63	19.63	0.092
64QAM	1715	20000	10	1	25	21.93	19.93	0.098
64QAM	1715	20000	10	1	49	21.95	19.95	0.099
64QAM	1715	20000	10	25	0	20.60	18.60	0.072
64QAM	1715	20000	10	25	12	20.77	18.77	0.075
64QAM	1715	20000	10	25	25	20.62	18.62	0.073
64QAM	1715	20000	10	50	0	20.66	18.66	0.073
64QAM	1732.5	20175	10	1	0	21.61	19.61	0.091
64QAM	1732.5	20175	10	1	25	22.09	20.09	0.102
64QAM	1732.5	20175	10	1	49	21.80	19.80	0.095
64QAM	1732.5	20175	10	25	0	20.56	18.56	0.072
64QAM	1732.5	20175	10	25	12	20.59	18.59	0.072
64QAM	1732.5	20175	10	25	25	20.58	18.58	0.072
64QAM	1732.5	20175	10	50	0	20.69	18.69	0.074
64QAM	1750	20350	10	1	0	22.21	20.21	0.105
64QAM	1750	20350	10	1	25	21.49	19.49	0.089
64QAM	1750	20350	10	1	49	21.44	19.44	0.088
64QAM	1750	20350	10	25	0	20.63	18.63	0.073
64QAM	1750	20350	10	25	12	20.57	18.57	0.072
64QAM	1750	20350	10	25	25	20.67	18.67	0.074
64QAM	1750	20350	10	50	0	20.62	18.62	0.073

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	22.76	20.76	0.119
QPSK	1717.5	20025	15	1	37	22.80	20.80	0.120
QPSK	1717.5	20025	15	1	74	22.77	20.77	0.119
QPSK	1717.5	20025	15	36	0	21.50	19.50	0.089
QPSK	1717.5	20025	15	36	29	21.55	19.55	0.090
QPSK	1717.5	20025	15	36	30	21.49	19.49	0.089
QPSK	1717.5	20025	15	75	0	21.46	19.46	0.088
QPSK	1732.5	20175	15	1	0	22.68	20.68	0.117
QPSK	1732.5	20175	15	1	37	22.85	20.85	0.122
QPSK	1732.5	20175	15	1	74	22.41	20.41	0.110
QPSK	1732.5	20175	15	36	0	21.39	19.39	0.087
QPSK	1732.5	20175	15	36	29	21.55	19.55	0.090
QPSK	1732.5	20175	15	36	30	21.42	19.42	0.087
QPSK	1732.5	20175	15	75	0	21.46	19.46	0.088
QPSK	1747.5	20325	15	1	0	22.24	20.24	0.106
QPSK	1747.5	20325	15	1	37	22.78	20.78	0.120
QPSK	1747.5	20325	15	1	74	22.55	20.55	0.114
QPSK	1747.5	20325	15	36	0	21.38	19.38	0.087
QPSK	1747.5	20325	15	36	29	21.44	19.44	0.088
QPSK	1747.5	20325	15	36	30	21.59	19.59	0.091
QPSK	1747.5	20325	15	75	0	21.43	19.43	0.088

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	21.60	19.60	0.091
16QAM	1717.5	20025	15	1	37	21.73	19.73	0.094
16QAM	1717.5	20025	15	1	74	21.79	19.79	0.095
16QAM	1717.5	20025	15	36	0	20.49	18.49	0.071
16QAM	1717.5	20025	15	36	29	20.48	18.48	0.070
16QAM	1717.5	20025	15	36	30	20.52	18.52	0.071
16QAM	1717.5	20025	15	75	0	20.51	18.51	0.071
16QAM	1732.5	20175	15	1	0	21.48	19.48	0.089
16QAM	1732.5	20175	15	1	37	21.75	19.75	0.094
16QAM	1732.5	20175	15	1	74	21.81	19.81	0.096
16QAM	1732.5	20175	15	36	0	20.34	18.34	0.068
16QAM	1732.5	20175	15	36	29	20.51	18.51	0.071
16QAM	1732.5	20175	15	36	30	20.64	18.64	0.073
16QAM	1732.5	20175	15	75	0	20.55	18.55	0.072
16QAM	1747.5	20325	15	1	0	21.67	19.67	0.093
16QAM	1747.5	20325	15	1	37	22.13	20.13	0.103
16QAM	1747.5	20325	15	1	74	21.54	19.54	0.090
16QAM	1747.5	20325	15	36	0	20.48	18.48	0.070
16QAM	1747.5	20325	15	36	29	20.56	18.56	0.072
16QAM	1747.5	20325	15	36	30	20.62	18.62	0.073
16QAM	1747.5	20325	15	75	0	20.35	18.35	0.068
64QAM	1717.5	20025	15	1	0	21.36	19.36	0.086
64QAM	1717.5	20025	15	1	37	21.27	19.27	0.085
64QAM	1717.5	20025	15	1	74	21.52	19.52	0.090
64QAM	1717.5	20025	15	36	0	20.54	18.54	0.071
64QAM	1717.5	20025	15	36	29	20.57	18.57	0.072
64QAM	1717.5	20025	15	36	30	20.54	18.54	0.071
64QAM	1717.5	20025	15	75	0	20.50	18.50	0.071
64QAM	1732.5	20175	15	1	0	21.40	19.40	0.087
64QAM	1732.5	20175	15	1	37	21.53	19.53	0.090
64QAM	1732.5	20175	15	1	74	21.87	19.87	0.097
64QAM	1732.5	20175	15	36	0	20.51	18.51	0.071
64QAM	1732.5	20175	15	36	29	20.42	18.42	0.070
64QAM	1732.5	20175	15	36	30	20.54	18.54	0.071
64QAM	1732.5	20175	15	75	0	20.44	18.44	0.070
64QAM	1747.5	20325	15	1	0	21.69	19.69	0.093
64QAM	1747.5	20325	15	1	37	21.62	19.62	0.092
64QAM	1747.5	20325	15	1	74	21.76	19.76	0.095
64QAM	1747.5	20325	15	36	0	20.34	18.34	0.068
64QAM	1747.5	20325	15	36	29	20.62	18.62	0.073
64QAM	1747.5	20325	15	36	30	20.63	18.63	0.073
64QAM	1747.5	20325	15	75	0	20.50	18.50	0.071

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	22.45	20.45	0.111
QPSK	1720	20050	20	1	49	22.86	20.86	0.122
QPSK	1720	20050	20	1	99	22.77	20.77	0.119
QPSK	1720	20050	20	50	0	21.46	19.46	0.088
QPSK	1720	20050	20	50	24	21.58	19.58	0.091
QPSK	1720	20050	20	50	50	21.46	19.46	0.088
QPSK	1720	20050	20	100	0	21.47	19.47	0.089
QPSK	1732.5	20175	20	1	0	22.71	20.71	0.118
QPSK	1732.5	20175	20	1	49	22.37	20.37	0.109
QPSK	1732.5	20175	20	1	99	22.82	20.82	0.121
QPSK	1732.5	20175	20	50	0	21.42	19.42	0.087
QPSK	1732.5	20175	20	50	24	21.39	19.39	0.087
QPSK	1732.5	20175	20	50	50	21.52	19.52	0.090
QPSK	1732.5	20175	20	100	0	21.52	19.52	0.090
QPSK	1745	20300	20	1	0	22.97	20.97	0.125
QPSK	1745	20300	20	1	49	22.54	20.54	0.113
QPSK	1745	20300	20	1	99	22.72	20.72	0.118
QPSK	1745	20300	20	50	0	21.46	19.46	0.088
QPSK	1745	20300	20	50	24	21.47	19.47	0.089
QPSK	1745	20300	20	50	50	21.63	19.63	0.092
QPSK	1745	20300	20	100	0	21.47	19.47	0.089

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	21.60	19.60	0.091
16QAM	1720	20050	20	1	49	22.13	20.13	0.103
16QAM	1720	20050	20	1	99	22.11	20.11	0.103
16QAM	1720	20050	20	50	0	20.50	18.50	0.071
16QAM	1720	20050	20	50	24	20.52	18.52	0.071
16QAM	1720	20050	20	50	50	20.47	18.47	0.070
16QAM	1720	20050	20	100	0	20.59	18.59	0.072
16QAM	1732.5	20175	20	1	0	21.67	19.67	0.093
16QAM	1732.5	20175	20	1	49	21.60	19.60	0.091
16QAM	1732.5	20175	20	1	99	21.71	19.71	0.094
16QAM	1732.5	20175	20	50	0	20.32	18.32	0.068
16QAM	1732.5	20175	20	50	24	20.46	18.46	0.070
16QAM	1732.5	20175	20	50	50	20.40	18.40	0.069
16QAM	1732.5	20175	20	100	0	20.47	18.47	0.070
16QAM	1745	20300	20	1	0	21.75	19.75	0.094
16QAM	1745	20300	20	1	49	21.66	19.66	0.092
16QAM	1745	20300	20	1	99	21.92	19.92	0.098
16QAM	1745	20300	20	50	0	20.45	18.45	0.070
16QAM	1745	20300	20	50	24	20.51	18.51	0.071
16QAM	1745	20300	20	50	50	20.71	18.71	0.074
16QAM	1745	20300	20	100	0	20.49	18.49	0.071
64QAM	1720	20050	20	1	0	21.77	19.77	0.095
64QAM	1720	20050	20	1	49	21.51	19.51	0.089
64QAM	1720	20050	20	1	99	21.67	19.67	0.093
64QAM	1720	20050	20	50	0	20.45	18.45	0.070
64QAM	1720	20050	20	50	24	20.63	18.63	0.073
64QAM	1720	20050	20	50	50	20.52	18.52	0.071
64QAM	1720	20050	20	100	0	20.57	18.57	0.072
64QAM	1732.5	20175	20	1	0	21.56	19.56	0.090
64QAM	1732.5	20175	20	1	49	21.46	19.46	0.088
64QAM	1732.5	20175	20	1	99	21.84	19.84	0.096
64QAM	1732.5	20175	20	50	0	20.35	18.35	0.068
64QAM	1732.5	20175	20	50	24	20.42	18.42	0.070
64QAM	1732.5	20175	20	50	50	20.42	18.42	0.070
64QAM	1732.5	20175	20	100	0	20.46	18.46	0.070
64QAM	1745	20300	20	1	0	21.71	19.71	0.094
64QAM	1745	20300	20	1	49	21.50	19.50	0.089
64QAM	1745	20300	20	1	99	21.84	19.84	0.096
64QAM	1745	20300	20	50	0	20.39	18.39	0.069
64QAM	1745	20300	20	50	24	20.43	18.43	0.070
64QAM	1745	20300	20	50	50	20.59	18.59	0.072
64QAM	1745	20300	20	100	0	20.47	18.47	0.070