

Fig.19

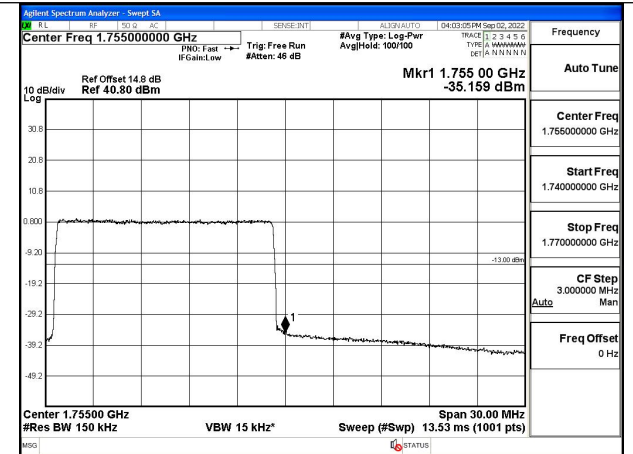


Fig.20

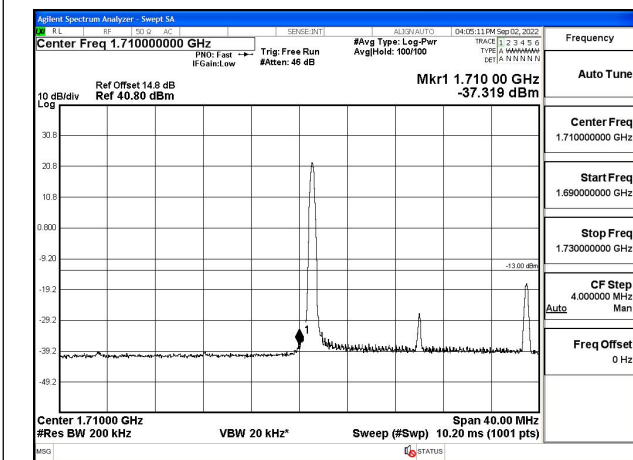


Fig.21

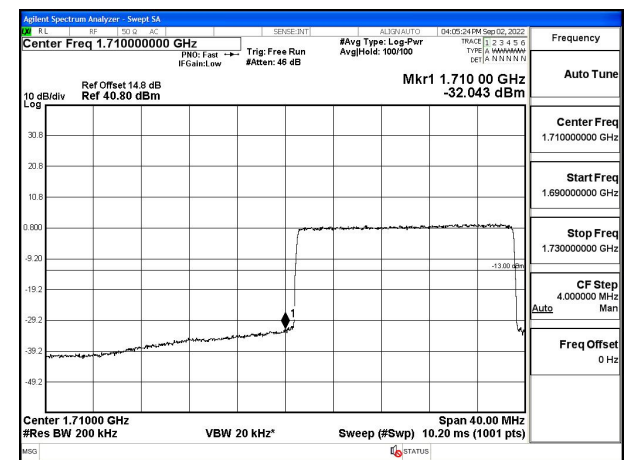


Fig.22

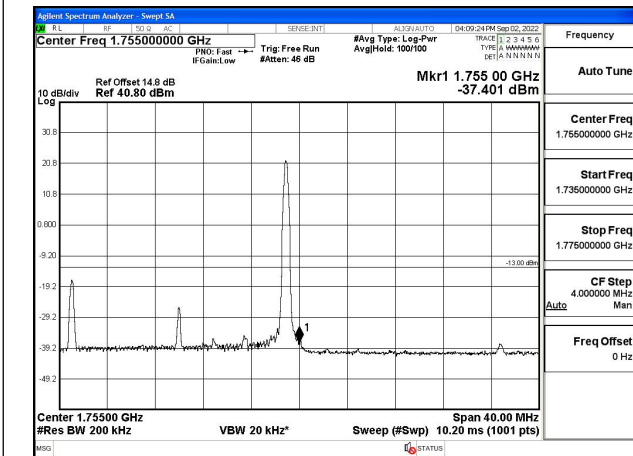


Fig.23

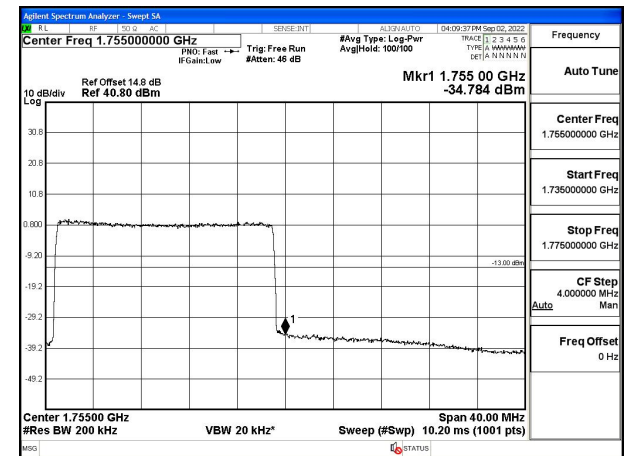


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.007	0.005	0.006	0.015	-0.001	0.002
0	NV	0.008	-0.007	0.015	-0.015	0.004	0.010
+10	NV	0.005	0.003	0.022	0.005	-0.008	0.007
+20	NV	0.003	-0.004	-0.007	-0.004	0.003	0.006
+30	NV	0.007	-0.003	0.005	0.004	0.010	0.009
+40	NV	0.004	-0.003	0.013	0.012	0.004	0.009
+50	NV	0.009	-0.009	-0.017	0.004	0.008	0.008
+55	NV	-0.016	0.001	0.005	0.012	0.002	0.008
+20	LV	0.008	0.006	0.008	0.010	0.002	-0.003
+20	HV	0.005	-0.024	0.004	0.007	0.008	0.008

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.006	-0.012	-0.022	0.003	-0.010	-0.011
0	NV	-0.010	-0.008	-0.012	0.013	-0.006	-0.009
+10	NV	-0.005	-0.004	-0.009	-0.009	-0.007	0.002
+20	NV	-0.006	-0.011	0.001	0.003	-0.009	-0.010
+30	NV	-0.011	-0.007	-0.008	0.000	-0.010	-0.003
+40	NV	-0.020	-0.008	0.001	-0.004	-0.017	-0.005
+50	NV	-0.005	-0.019	-0.010	-0.004	-0.004	0.013
+55	NV	-0.010	-0.006	-0.008	0.015	-0.012	0.003
+20	LV	-0.008	-0.009	-0.008	-0.019	-0.005	-0.014
+20	HV	-0.011	-0.008	-0.015	-0.005	-0.027	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	1710.7	19957	1.4	1	0	23.79	22.29	0.169
QPSK	1710.7	19957	1.4	1	3	23.56	22.06	0.161
QPSK	1710.7	19957	1.4	1	5	23.48	21.98	0.158
QPSK	1710.7	19957	1.4	3	0	23.48	21.98	0.158
QPSK	1710.7	19957	1.4	3	1	23.56	22.06	0.161
QPSK	1710.7	19957	1.4	3	3	23.49	21.99	0.158
QPSK	1710.7	19957	1.4	6	0	22.50	21.00	0.126
QPSK	1732.5	20175	1.4	1	0	23.25	21.75	0.150
QPSK	1732.5	20175	1.4	1	3	23.57	22.07	0.161
QPSK	1732.5	20175	1.4	1	5	23.37	21.87	0.154
QPSK	1732.5	20175	1.4	3	0	23.61	22.11	0.163
QPSK	1732.5	20175	1.4	3	1	23.53	22.03	0.160
QPSK	1732.5	20175	1.4	3	3	23.43	21.93	0.156
QPSK	1732.5	20175	1.4	6	0	22.48	20.98	0.125
QPSK	1754.3	20393	1.4	1	0	23.46	21.96	0.157
QPSK	1754.3	20393	1.4	1	3	23.51	22.01	0.159
QPSK	1754.3	20393	1.4	1	5	23.47	21.97	0.157
QPSK	1754.3	20393	1.4	3	0	23.33	21.83	0.152
QPSK	1754.3	20393	1.4	3	1	23.44	21.94	0.156
QPSK	1754.3	20393	1.4	3	3	23.40	21.90	0.155
QPSK	1754.3	20393	1.4	6	0	22.34	20.84	0.121

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	23.11	21.61	0.145
16QAM	1710.7	19957	1.4	1	3	23.08	21.58	0.144
16QAM	1710.7	19957	1.4	1	5	22.94	21.44	0.139
16QAM	1710.7	19957	1.4	3	0	22.83	21.33	0.136
16QAM	1710.7	19957	1.4	3	1	22.76	21.26	0.134
16QAM	1710.7	19957	1.4	3	3	22.58	21.08	0.128
16QAM	1710.7	19957	1.4	6	0	21.40	19.90	0.098
16QAM	1732.5	20175	1.4	1	0	23.46	21.96	0.157
16QAM	1732.5	20175	1.4	1	3	23.10	21.60	0.145
16QAM	1732.5	20175	1.4	1	5	22.99	21.49	0.141
16QAM	1732.5	20175	1.4	3	0	22.92	21.42	0.139
16QAM	1732.5	20175	1.4	3	1	22.60	21.10	0.129
16QAM	1732.5	20175	1.4	3	3	22.82	21.32	0.136
16QAM	1732.5	20175	1.4	6	0	21.19	19.69	0.093
16QAM	1754.3	20393	1.4	1	0	22.38	20.88	0.122
16QAM	1754.3	20393	1.4	1	3	22.13	20.63	0.116
16QAM	1754.3	20393	1.4	1	5	22.74	21.24	0.133
16QAM	1754.3	20393	1.4	3	0	22.77	21.27	0.134
16QAM	1754.3	20393	1.4	3	1	22.74	21.24	0.133
16QAM	1754.3	20393	1.4	3	3	22.74	21.24	0.133
16QAM	1754.3	20393	1.4	6	0	21.36	19.86	0.097
64QAM	1710.7	19957	1.4	1	0	21.62	20.12	0.103
64QAM	1710.7	19957	1.4	1	3	21.96	20.46	0.111
64QAM	1710.7	19957	1.4	1	5	21.91	20.41	0.110
64QAM	1710.7	19957	1.4	3	0	21.59	20.09	0.102
64QAM	1710.7	19957	1.4	3	1	21.41	19.91	0.098
64QAM	1710.7	19957	1.4	3	3	21.36	19.86	0.097
64QAM	1710.7	19957	1.4	6	0	20.57	19.07	0.081
64QAM	1732.5	20175	1.4	1	0	21.45	19.95	0.099
64QAM	1732.5	20175	1.4	1	3	21.14	19.64	0.092
64QAM	1732.5	20175	1.4	1	5	21.52	20.02	0.100
64QAM	1732.5	20175	1.4	3	0	21.25	19.75	0.094
64QAM	1732.5	20175	1.4	3	1	21.26	19.76	0.095
64QAM	1732.5	20175	1.4	3	3	21.43	19.93	0.098
64QAM	1732.5	20175	1.4	6	0	20.65	19.15	0.082
64QAM	1754.3	20393	1.4	1	0	21.70	20.20	0.105
64QAM	1754.3	20393	1.4	1	3	21.46	19.96	0.099
64QAM	1754.3	20393	1.4	1	5	21.25	19.75	0.094
64QAM	1754.3	20393	1.4	3	0	21.15	19.65	0.092
64QAM	1754.3	20393	1.4	3	1	21.34	19.84	0.096
64QAM	1754.3	20393	1.4	3	3	21.35	19.85	0.097
64QAM	1754.3	20393	1.4	6	0	20.65	19.15	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	19965	3	1	0	23.56	22.06	0.161
QPSK	1711.5	19965	3	1	8	23.54	22.04	0.160
QPSK	1711.5	19965	3	1	14	23.55	22.05	0.160
QPSK	1711.5	19965	3	8	0	22.52	21.02	0.126
QPSK	1711.5	19965	3	8	4	22.43	20.93	0.124
QPSK	1711.5	19965	3	8	7	22.46	20.96	0.125
QPSK	1711.5	19965	3	15	0	22.39	20.89	0.123
QPSK	1732.5	20175	3	1	0	23.45	21.95	0.157
QPSK	1732.5	20175	3	1	8	23.59	22.09	0.162
QPSK	1732.5	20175	3	1	14	23.37	21.87	0.154
QPSK	1732.5	20175	3	8	0	22.45	20.95	0.124
QPSK	1732.5	20175	3	8	4	22.40	20.90	0.123
QPSK	1732.5	20175	3	8	7	22.51	21.01	0.126
QPSK	1732.5	20175	3	15	0	22.35	20.85	0.122
QPSK	1753.5	20385	3	1	0	23.43	21.93	0.156
QPSK	1753.5	20385	3	1	8	23.51	22.01	0.159
QPSK	1753.5	20385	3	1	14	23.49	21.99	0.158
QPSK	1753.5	20385	3	8	0	22.40	20.90	0.123
QPSK	1753.5	20385	3	8	4	22.48	20.98	0.125
QPSK	1753.5	20385	3	8	7	22.44	20.94	0.124
QPSK	1753.5	20385	3	15	0	22.43	20.93	0.124

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	22.96	21.46	0.140
16QAM	1711.5	19965	3	1	8	22.74	21.24	0.133
16QAM	1711.5	19965	3	1	14	22.87	21.37	0.137
16QAM	1711.5	19965	3	8	0	21.85	20.35	0.108
16QAM	1711.5	19965	3	8	4	21.85	20.35	0.108
16QAM	1711.5	19965	3	8	7	21.64	20.14	0.103
16QAM	1711.5	19965	3	15	0	21.72	20.22	0.105
16QAM	1732.5	20175	3	1	0	22.99	21.49	0.141
16QAM	1732.5	20175	3	1	8	22.42	20.92	0.124
16QAM	1732.5	20175	3	1	14	22.49	20.99	0.126
16QAM	1732.5	20175	3	8	0	21.67	20.17	0.104
16QAM	1732.5	20175	3	8	4	21.77	20.27	0.106
16QAM	1732.5	20175	3	8	7	21.77	20.27	0.106
16QAM	1732.5	20175	3	15	0	21.56	20.06	0.101
16QAM	1753.5	20385	3	1	0	22.89	21.39	0.138
16QAM	1753.5	20385	3	1	8	22.95	21.45	0.140
16QAM	1753.5	20385	3	1	14	23.18	21.68	0.147
16QAM	1753.5	20385	3	8	0	21.61	20.11	0.103
16QAM	1753.5	20385	3	8	4	21.82	20.32	0.108
16QAM	1753.5	20385	3	8	7	21.71	20.21	0.105
16QAM	1753.5	20385	3	15	0	21.77	20.27	0.106
64QAM	1711.5	19965	3	1	0	22.22	20.72	0.118
64QAM	1711.5	19965	3	1	8	22.13	20.63	0.116
64QAM	1711.5	19965	3	1	14	21.82	20.32	0.108
64QAM	1711.5	19965	3	8	0	20.75	19.25	0.084
64QAM	1711.5	19965	3	8	4	20.74	19.24	0.084
64QAM	1711.5	19965	3	8	7	20.66	19.16	0.082
64QAM	1711.5	19965	3	15	0	20.64	19.14	0.082
64QAM	1732.5	20175	3	1	0	22.18	20.68	0.117
64QAM	1732.5	20175	3	1	8	21.80	20.30	0.107
64QAM	1732.5	20175	3	1	14	21.72	20.22	0.105
64QAM	1732.5	20175	3	8	0	20.45	18.95	0.079
64QAM	1732.5	20175	3	8	4	20.59	19.09	0.081
64QAM	1732.5	20175	3	8	7	20.58	19.08	0.081
64QAM	1732.5	20175	3	15	0	20.60	19.10	0.081
64QAM	1753.5	20385	3	1	0	21.76	20.26	0.106
64QAM	1753.5	20385	3	1	8	21.46	19.96	0.099
64QAM	1753.5	20385	3	1	14	21.86	20.36	0.109
64QAM	1753.5	20385	3	8	0	20.64	19.14	0.082
64QAM	1753.5	20385	3	8	4	20.44	18.94	0.078
64QAM	1753.5	20385	3	8	7	20.58	19.08	0.081
64QAM	1753.5	20385	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	19975	5	1	0	23.53	22.03	0.160
QPSK	1712.5	19975	5	1	12	23.54	22.04	0.160
QPSK	1712.5	19975	5	1	24	23.53	22.03	0.160
QPSK	1712.5	19975	5	12	0	22.41	20.91	0.123
QPSK	1712.5	19975	5	12	7	22.50	21.00	0.126
QPSK	1712.5	19975	5	12	13	22.47	20.97	0.125
QPSK	1712.5	19975	5	25	0	22.47	20.97	0.125
QPSK	1732.5	20175	5	1	0	23.29	21.79	0.151
QPSK	1732.5	20175	5	1	12	23.19	21.69	0.148
QPSK	1732.5	20175	5	1	24	23.67	22.17	0.165
QPSK	1732.5	20175	5	12	0	22.35	20.85	0.122
QPSK	1732.5	20175	5	12	7	22.43	20.93	0.124
QPSK	1732.5	20175	5	12	13	22.52	21.02	0.126
QPSK	1732.5	20175	5	25	0	22.38	20.88	0.122
QPSK	1752.5	20375	5	1	0	23.74	22.24	0.167
QPSK	1752.5	20375	5	1	12	23.65	22.15	0.164
QPSK	1752.5	20375	5	1	24	23.53	22.03	0.160
QPSK	1752.5	20375	5	12	0	22.38	20.88	0.122
QPSK	1752.5	20375	5	12	7	22.33	20.83	0.121
QPSK	1752.5	20375	5	12	13	22.34	20.84	0.121
QPSK	1752.5	20375	5	25	0	22.32	20.82	0.121

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	23.62	22.12	0.163
16QAM	1712.5	19975	5	1	12	23.12	21.62	0.145
16QAM	1712.5	19975	5	1	24	23.16	21.66	0.147
16QAM	1712.5	19975	5	12	0	21.68	20.18	0.104
16QAM	1712.5	19975	5	12	7	21.72	20.22	0.105
16QAM	1712.5	19975	5	12	13	21.64	20.14	0.103
16QAM	1712.5	19975	5	25	0	21.49	19.99	0.100
16QAM	1732.5	20175	5	1	0	23.35	21.85	0.153
16QAM	1732.5	20175	5	1	12	23.34	21.84	0.153
16QAM	1732.5	20175	5	1	24	23.23	21.73	0.149
16QAM	1732.5	20175	5	12	0	21.62	20.12	0.103
16QAM	1732.5	20175	5	12	7	21.69	20.19	0.104
16QAM	1732.5	20175	5	12	13	21.69	20.19	0.104
16QAM	1732.5	20175	5	25	0	21.59	20.09	0.102
16QAM	1752.5	20375	5	1	0	22.35	20.85	0.122
16QAM	1752.5	20375	5	1	12	22.81	21.31	0.135
16QAM	1752.5	20375	5	1	24	22.66	21.16	0.131
16QAM	1752.5	20375	5	12	0	21.60	20.10	0.102
16QAM	1752.5	20375	5	12	7	21.63	20.13	0.103
16QAM	1752.5	20375	5	12	13	21.69	20.19	0.104
16QAM	1752.5	20375	5	25	0	21.77	20.27	0.106
64QAM	1712.5	19975	5	1	0	21.62	20.12	0.103
64QAM	1712.5	19975	5	1	12	21.44	19.94	0.099
64QAM	1712.5	19975	5	1	24	21.68	20.18	0.104
64QAM	1712.5	19975	5	12	0	20.59	19.09	0.081
64QAM	1712.5	19975	5	12	7	20.54	19.04	0.080
64QAM	1712.5	19975	5	12	13	20.66	19.16	0.082
64QAM	1712.5	19975	5	25	0	20.61	19.11	0.081
64QAM	1732.5	20175	5	1	0	21.51	20.01	0.100
64QAM	1732.5	20175	5	1	12	21.85	20.35	0.108
64QAM	1732.5	20175	5	1	24	21.44	19.94	0.099
64QAM	1732.5	20175	5	12	0	20.62	19.12	0.082
64QAM	1732.5	20175	5	12	7	20.49	18.99	0.079
64QAM	1732.5	20175	5	12	13	20.60	19.10	0.081
64QAM	1732.5	20175	5	25	0	20.60	19.10	0.081
64QAM	1752.5	20375	5	1	0	21.89	20.39	0.109
64QAM	1752.5	20375	5	1	12	22.31	20.81	0.121
64QAM	1752.5	20375	5	1	24	22.01	20.51	0.112
64QAM	1752.5	20375	5	12	0	20.55	19.05	0.080
64QAM	1752.5	20375	5	12	7	20.58	19.08	0.081
64QAM	1752.5	20375	5	12	13	20.63	19.13	0.082
64QAM	1752.5	20375	5	25	0	20.64	19.14	0.082

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	23.62	22.12	0.163
QPSK	1715	20000	10	1	25	23.77	22.27	0.169
QPSK	1715	20000	10	1	49	23.71	22.21	0.166
QPSK	1715	20000	10	25	0	22.55	21.05	0.127
QPSK	1715	20000	10	25	12	22.46	20.96	0.125
QPSK	1715	20000	10	25	25	22.58	21.08	0.128
QPSK	1715	20000	10	50	0	22.59	21.09	0.129
QPSK	1732.5	20175	10	1	0	23.71	22.21	0.166
QPSK	1732.5	20175	10	1	25	23.58	22.08	0.161
QPSK	1732.5	20175	10	1	49	23.61	22.11	0.163
QPSK	1732.5	20175	10	25	0	22.50	21.00	0.126
QPSK	1732.5	20175	10	25	12	22.33	20.83	0.121
QPSK	1732.5	20175	10	25	25	22.51	21.01	0.126
QPSK	1732.5	20175	10	50	0	22.56	21.06	0.128
QPSK	1750	20350	10	1	0	23.33	21.83	0.152
QPSK	1750	20350	10	1	25	23.41	21.91	0.155
QPSK	1750	20350	10	1	49	23.36	21.86	0.153
QPSK	1750	20350	10	25	0	22.37	20.87	0.122
QPSK	1750	20350	10	25	12	22.50	21.00	0.126
QPSK	1750	20350	10	25	25	22.44	20.94	0.124
QPSK	1750	20350	10	50	0	22.57	21.07	0.128

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	23.10	21.60	0.145
16QAM	1715	20000	10	1	25	23.43	21.93	0.156
16QAM	1715	20000	10	1	49	22.59	21.09	0.129
16QAM	1715	20000	10	25	0	21.76	20.26	0.106
16QAM	1715	20000	10	25	12	21.85	20.35	0.108
16QAM	1715	20000	10	25	25	21.90	20.40	0.110
16QAM	1715	20000	10	50	0	21.68	20.18	0.104
16QAM	1732.5	20175	10	1	0	22.74	21.24	0.133
16QAM	1732.5	20175	10	1	25	22.71	21.21	0.132
16QAM	1732.5	20175	10	1	49	22.74	21.24	0.133
16QAM	1732.5	20175	10	25	0	21.82	20.32	0.108
16QAM	1732.5	20175	10	25	12	21.83	20.33	0.108
16QAM	1732.5	20175	10	25	25	21.45	19.95	0.099
16QAM	1732.5	20175	10	50	0	21.58	20.08	0.102
16QAM	1750	20350	10	1	0	23.15	21.65	0.146
16QAM	1750	20350	10	1	25	23.02	21.52	0.142
16QAM	1750	20350	10	1	49	23.51	22.01	0.159
16QAM	1750	20350	10	25	0	21.53	20.03	0.101
16QAM	1750	20350	10	25	12	21.73	20.23	0.105
16QAM	1750	20350	10	25	25	21.64	20.14	0.103
16QAM	1750	20350	10	50	0	21.72	20.22	0.105
64QAM	1715	20000	10	1	0	21.84	20.34	0.108
64QAM	1715	20000	10	1	25	22.30	20.80	0.120
64QAM	1715	20000	10	1	49	21.96	20.46	0.111
64QAM	1715	20000	10	25	0	20.49	18.99	0.079
64QAM	1715	20000	10	25	12	20.63	19.13	0.082
64QAM	1715	20000	10	25	25	20.60	19.10	0.081
64QAM	1715	20000	10	50	0	20.74	19.24	0.084
64QAM	1732.5	20175	10	1	0	21.59	20.09	0.102
64QAM	1732.5	20175	10	1	25	21.60	20.10	0.102
64QAM	1732.5	20175	10	1	49	21.76	20.26	0.106
64QAM	1732.5	20175	10	25	0	20.64	19.14	0.082
64QAM	1732.5	20175	10	25	12	20.56	19.06	0.081
64QAM	1732.5	20175	10	25	25	20.59	19.09	0.081
64QAM	1732.5	20175	10	50	0	20.52	19.02	0.080
64QAM	1750	20350	10	1	0	21.78	20.28	0.107
64QAM	1750	20350	10	1	25	21.90	20.40	0.110
64QAM	1750	20350	10	1	49	21.76	20.26	0.106
64QAM	1750	20350	10	25	0	20.51	19.01	0.080
64QAM	1750	20350	10	25	12	20.66	19.16	0.082
64QAM	1750	20350	10	25	25	20.52	19.02	0.080
64QAM	1750	20350	10	50	0	20.81	19.31	0.085

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	23.28	21.78	0.151
QPSK	1717.5	20025	15	1	37	23.36	21.86	0.153
QPSK	1717.5	20025	15	1	74	23.34	21.84	0.153
QPSK	1717.5	20025	15	36	0	22.46	20.96	0.125
QPSK	1717.5	20025	15	36	29	22.38	20.88	0.122
QPSK	1717.5	20025	15	36	30	22.42	20.92	0.124
QPSK	1717.5	20025	15	75	0	22.56	21.06	0.128
QPSK	1732.5	20175	15	1	0	23.42	21.92	0.156
QPSK	1732.5	20175	15	1	37	23.49	21.99	0.158
QPSK	1732.5	20175	15	1	74	23.42	21.92	0.156
QPSK	1732.5	20175	15	36	0	22.33	20.83	0.121
QPSK	1732.5	20175	15	36	29	22.32	20.82	0.121
QPSK	1732.5	20175	15	36	30	22.43	20.93	0.124
QPSK	1732.5	20175	15	75	0	22.37	20.87	0.122
QPSK	1747.5	20325	15	1	0	23.33	21.83	0.152
QPSK	1747.5	20325	15	1	37	23.43	21.93	0.156
QPSK	1747.5	20325	15	1	74	23.54	22.04	0.160
QPSK	1747.5	20325	15	36	0	22.38	20.88	0.122
QPSK	1747.5	20325	15	36	29	22.50	21.00	0.126
QPSK	1747.5	20325	15	36	30	22.50	21.00	0.126
QPSK	1747.5	20325	15	75	0	22.37	20.87	0.122

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	23.24	21.74	0.149
16QAM	1717.5	20025	15	1	37	22.98	21.48	0.141
16QAM	1717.5	20025	15	1	74	23.47	21.97	0.157
16QAM	1717.5	20025	15	36	0	21.50	20.00	0.100
16QAM	1717.5	20025	15	36	29	21.57	20.07	0.102
16QAM	1717.5	20025	15	36	30	21.56	20.06	0.101
16QAM	1717.5	20025	15	75	0	21.71	20.21	0.105
16QAM	1732.5	20175	15	1	0	22.84	21.34	0.136
16QAM	1732.5	20175	15	1	37	23.00	21.50	0.141
16QAM	1732.5	20175	15	1	74	23.26	21.76	0.150
16QAM	1732.5	20175	15	36	0	21.48	19.98	0.100
16QAM	1732.5	20175	15	36	29	21.59	20.09	0.102
16QAM	1732.5	20175	15	36	30	21.55	20.05	0.101
16QAM	1732.5	20175	15	75	0	21.62	20.12	0.103
16QAM	1747.5	20325	15	1	0	22.60	21.10	0.129
16QAM	1747.5	20325	15	1	37	23.22	21.72	0.149
16QAM	1747.5	20325	15	1	74	22.80	21.30	0.135
16QAM	1747.5	20325	15	36	0	21.67	20.17	0.104
16QAM	1747.5	20325	15	36	29	21.85	20.35	0.108
16QAM	1747.5	20325	15	36	30	21.77	20.27	0.106
16QAM	1747.5	20325	15	75	0	21.62	20.12	0.103
64QAM	1717.5	20025	15	1	0	21.62	20.12	0.103
64QAM	1717.5	20025	15	1	37	21.56	20.06	0.101
64QAM	1717.5	20025	15	1	74	21.45	19.95	0.099
64QAM	1717.5	20025	15	36	0	20.76	19.26	0.084
64QAM	1717.5	20025	15	36	29	20.69	19.19	0.083
64QAM	1717.5	20025	15	36	30	20.70	19.20	0.083
64QAM	1717.5	20025	15	75	0	20.60	19.10	0.081
64QAM	1732.5	20175	15	1	0	21.59	20.09	0.102
64QAM	1732.5	20175	15	1	37	21.23	19.73	0.094
64QAM	1732.5	20175	15	1	74	21.23	19.73	0.094
64QAM	1732.5	20175	15	36	0	20.65	19.15	0.082
64QAM	1732.5	20175	15	36	29	20.66	19.16	0.082
64QAM	1732.5	20175	15	36	30	20.60	19.10	0.081
64QAM	1732.5	20175	15	75	0	20.60	19.10	0.081
64QAM	1747.5	20325	15	1	0	21.88	20.38	0.109
64QAM	1747.5	20325	15	1	37	22.10	20.60	0.115
64QAM	1747.5	20325	15	1	74	22.21	20.71	0.118
64QAM	1747.5	20325	15	36	0	20.62	19.12	0.082
64QAM	1747.5	20325	15	36	29	20.66	19.16	0.082
64QAM	1747.5	20325	15	36	30	20.34	18.84	0.077
64QAM	1747.5	20325	15	75	0	20.79	19.29	0.085

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	23.46	21.96	0.157
QPSK	1720	20050	20	1	49	23.46	21.96	0.157
QPSK	1720	20050	20	1	99	23.61	22.11	0.163
QPSK	1720	20050	20	50	0	22.54	21.04	0.127
QPSK	1720	20050	20	50	24	22.46	20.96	0.125
QPSK	1720	20050	20	50	50	22.56	21.06	0.128
QPSK	1720	20050	20	100	0	22.55	21.05	0.127
QPSK	1732.5	20175	20	1	0	23.44	21.94	0.156
QPSK	1732.5	20175	20	1	49	23.61	22.11	0.163
QPSK	1732.5	20175	20	1	99	23.56	22.06	0.161
QPSK	1732.5	20175	20	50	0	22.30	20.80	0.120
QPSK	1732.5	20175	20	50	24	22.53	21.03	0.127
QPSK	1732.5	20175	20	50	50	22.36	20.86	0.122
QPSK	1732.5	20175	20	100	0	22.38	20.88	0.122
QPSK	1745	20300	20	1	0	23.39	21.89	0.155
QPSK	1745	20300	20	1	49	23.50	22.00	0.158
QPSK	1745	20300	20	1	99	23.57	22.07	0.161
QPSK	1745	20300	20	50	0	22.46	20.96	0.125
QPSK	1745	20300	20	50	24	22.50	21.00	0.126
QPSK	1745	20300	20	50	50	22.66	21.16	0.131
QPSK	1745	20300	20	100	0	22.40	20.90	0.123

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	23.14	21.64	0.146
16QAM	1720	20050	20	1	49	23.24	21.74	0.149
16QAM	1720	20050	20	1	99	23.17	21.67	0.147
16QAM	1720	20050	20	50	0	21.54	20.04	0.101
16QAM	1720	20050	20	50	24	21.55	20.05	0.101
16QAM	1720	20050	20	50	50	21.53	20.03	0.101
16QAM	1720	20050	20	100	0	21.70	20.20	0.105
16QAM	1732.5	20175	20	1	0	22.89	21.39	0.138
16QAM	1732.5	20175	20	1	49	23.49	21.99	0.158
16QAM	1732.5	20175	20	1	99	23.27	21.77	0.150
16QAM	1732.5	20175	20	50	0	21.59	20.09	0.102
16QAM	1732.5	20175	20	50	24	21.40	19.90	0.098
16QAM	1732.5	20175	20	50	50	21.61	20.11	0.103
16QAM	1732.5	20175	20	100	0	21.56	20.06	0.101
16QAM	1745	20300	20	1	0	23.09	21.59	0.144
16QAM	1745	20300	20	1	49	23.19	21.69	0.148
16QAM	1745	20300	20	1	99	23.34	21.84	0.153
16QAM	1745	20300	20	50	0	21.59	20.09	0.102
16QAM	1745	20300	20	50	24	21.59	20.09	0.102
16QAM	1745	20300	20	50	50	21.76	20.26	0.106
16QAM	1745	20300	20	100	0	21.62	20.12	0.103
64QAM	1720	20050	20	1	0	21.39	19.89	0.097
64QAM	1720	20050	20	1	49	21.61	20.11	0.103
64QAM	1720	20050	20	1	99	21.72	20.22	0.105
64QAM	1720	20050	20	50	0	20.57	19.07	0.081
64QAM	1720	20050	20	50	24	20.58	19.08	0.081
64QAM	1720	20050	20	50	50	20.65	19.15	0.082
64QAM	1720	20050	20	100	0	20.60	19.10	0.081
64QAM	1732.5	20175	20	1	0	21.70	20.20	0.105
64QAM	1732.5	20175	20	1	49	21.24	19.74	0.094
64QAM	1732.5	20175	20	1	99	21.42	19.92	0.098
64QAM	1732.5	20175	20	50	0	20.48	18.98	0.079
64QAM	1732.5	20175	20	50	24	20.69	19.19	0.083
64QAM	1732.5	20175	20	50	50	20.66	19.16	0.082
64QAM	1732.5	20175	20	100	0	20.67	19.17	0.083
64QAM	1745	20300	20	1	0	21.48	19.98	0.100
64QAM	1745	20300	20	1	49	21.16	19.66	0.092
64QAM	1745	20300	20	1	99	22.08	20.58	0.114
64QAM	1745	20300	20	50	0	20.59	19.09	0.081
64QAM	1745	20300	20	50	24	20.62	19.12	0.082
64QAM	1745	20300	20	50	50	20.86	19.36	0.086
64QAM	1745	20300	20	100	0	20.77	19.27	0.085