

Test Mode: QPSK

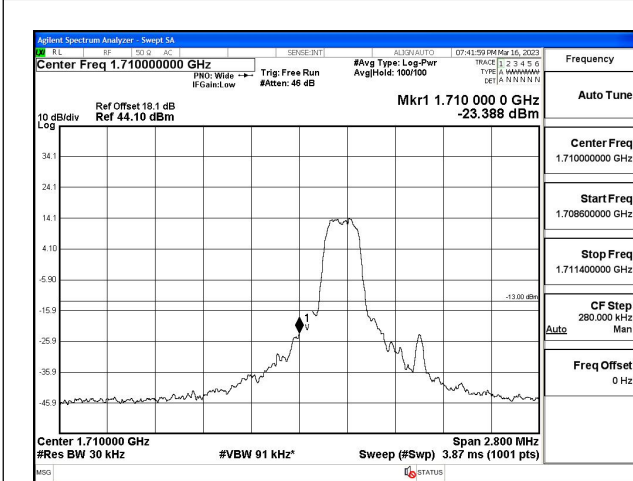


Fig.1

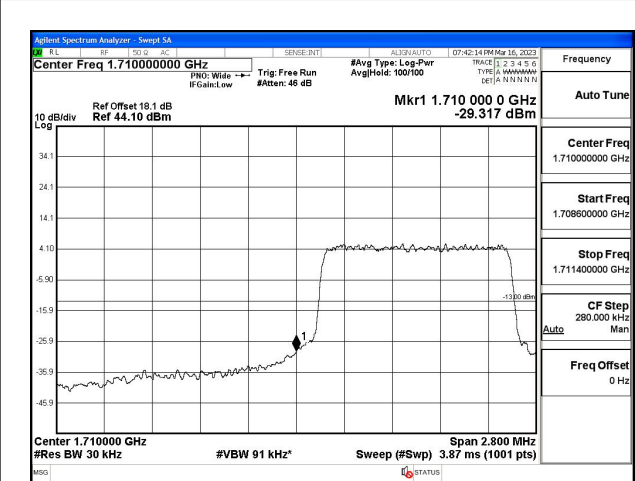


Fig.2

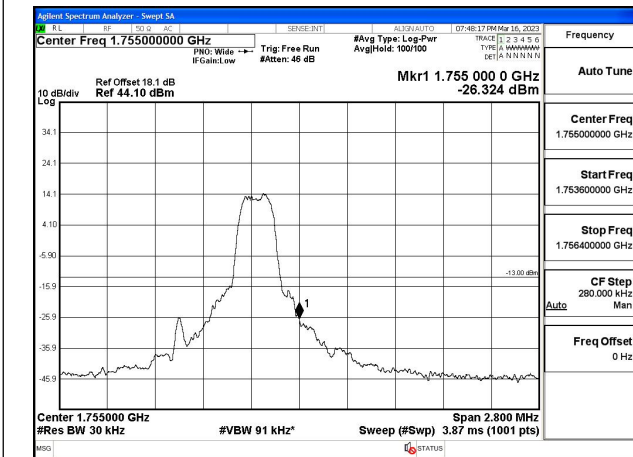


Fig.3

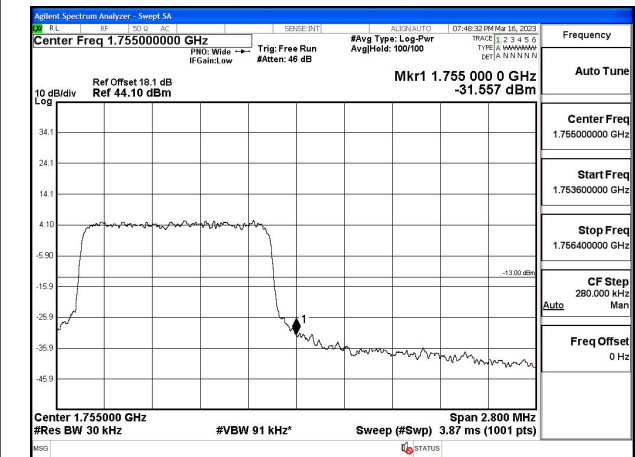


Fig.4

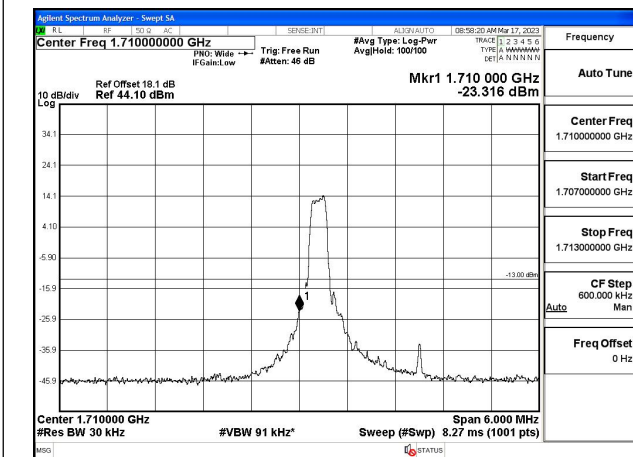


Fig.5

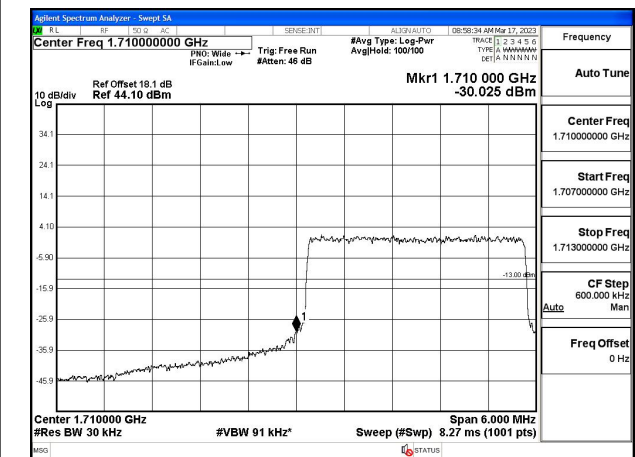


Fig.6

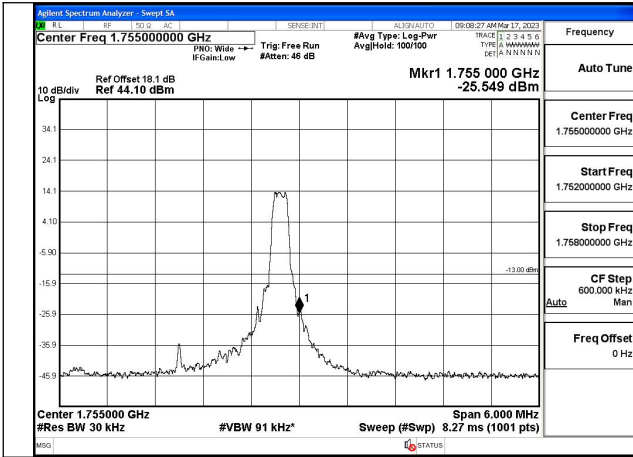


Fig.7

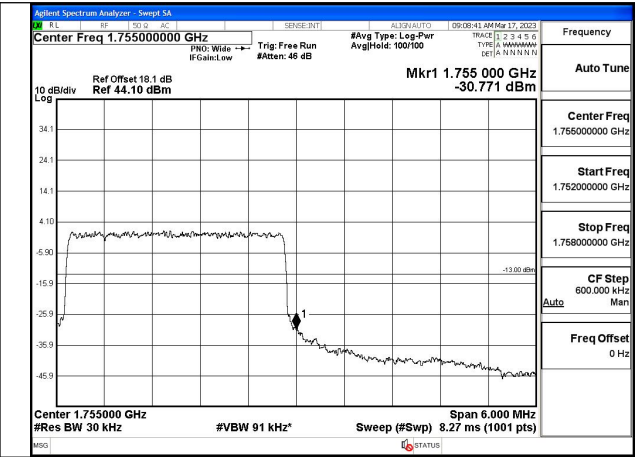


Fig.8

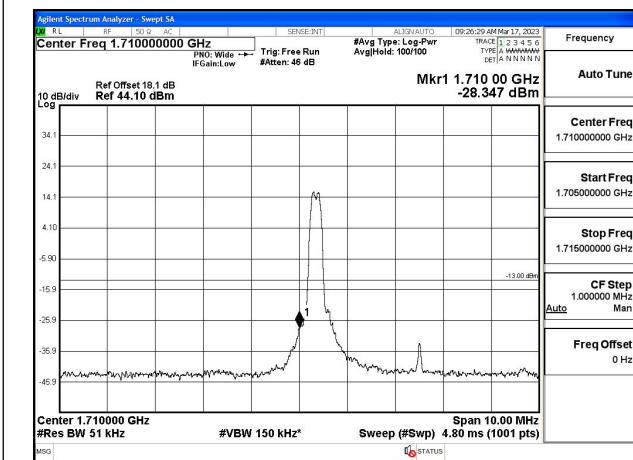


Fig.9

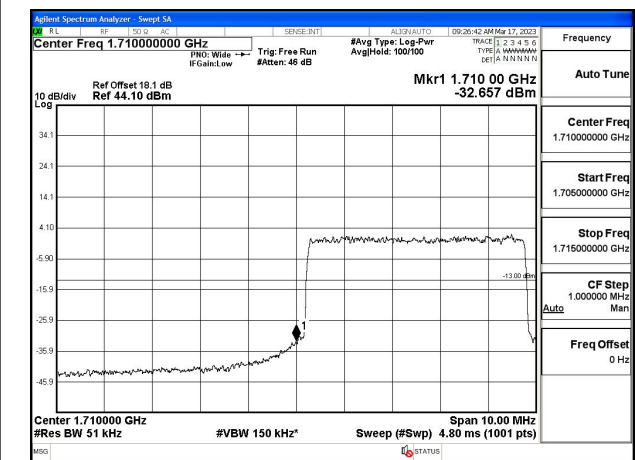


Fig.10

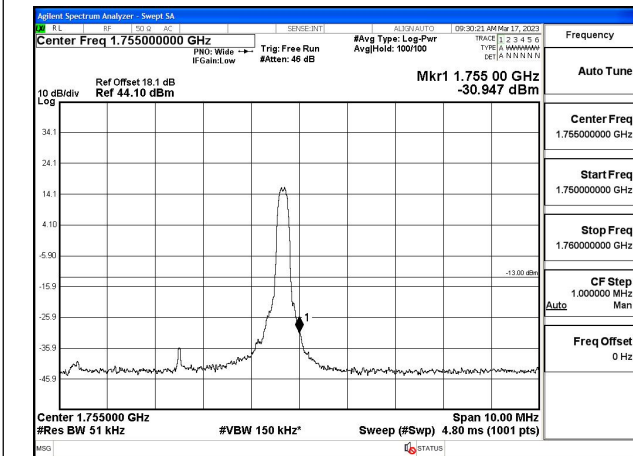


Fig.11

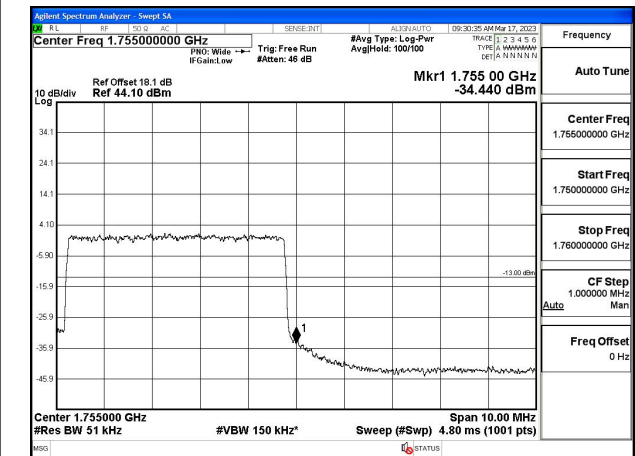


Fig.12

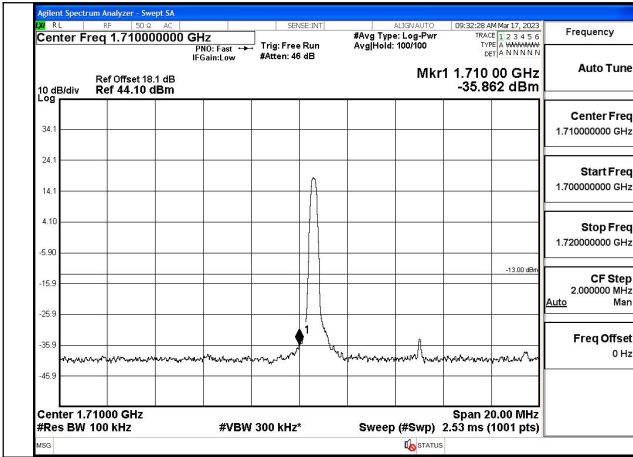


Fig. 13

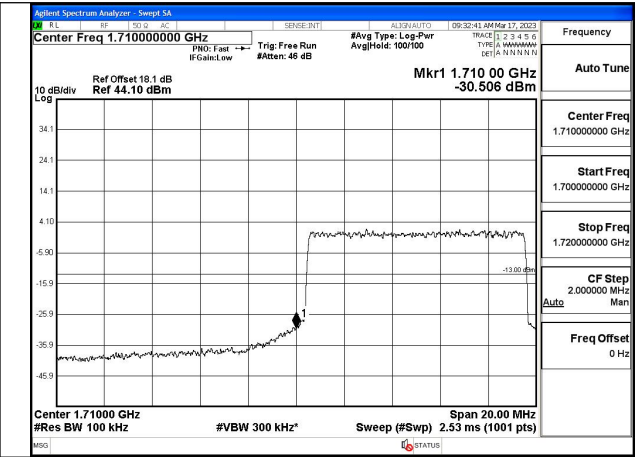


Fig. 14

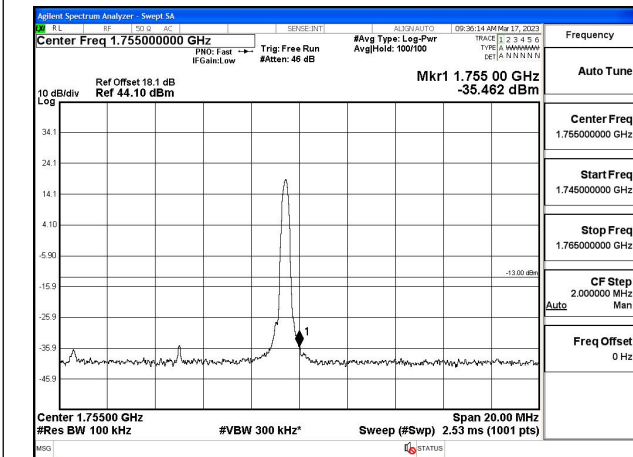


Fig. 15

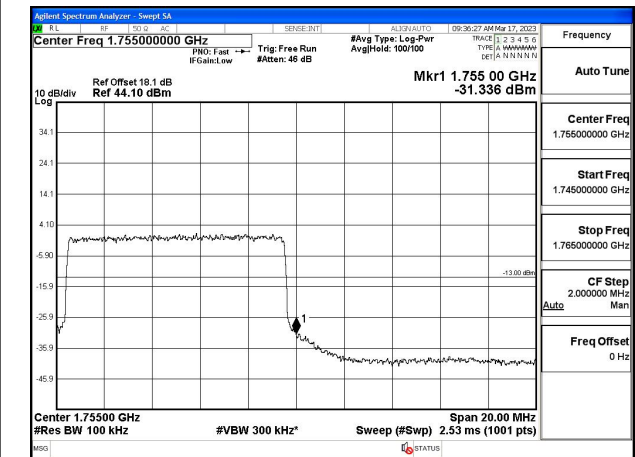


Fig. 16

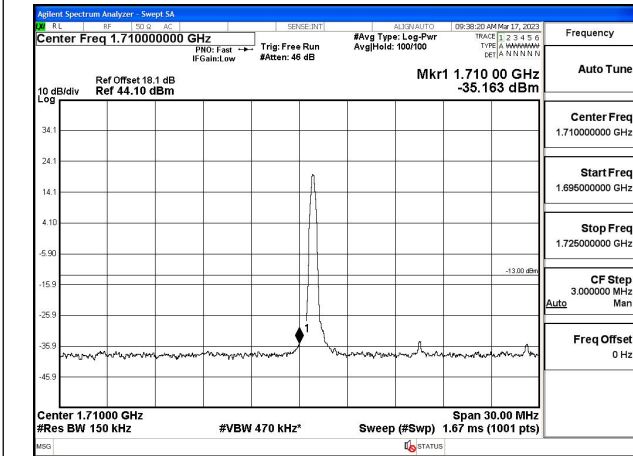


Fig. 17

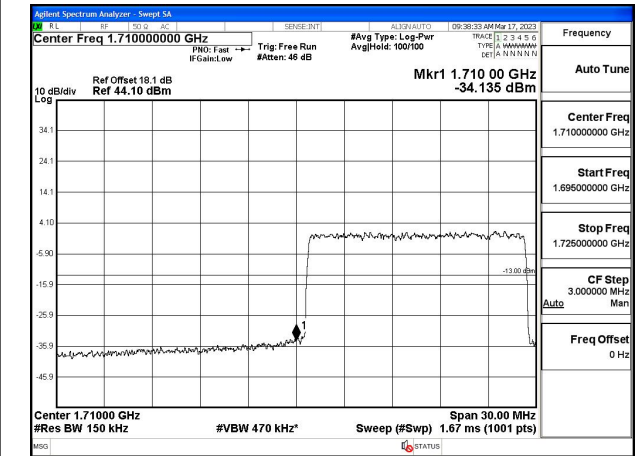


Fig. 18

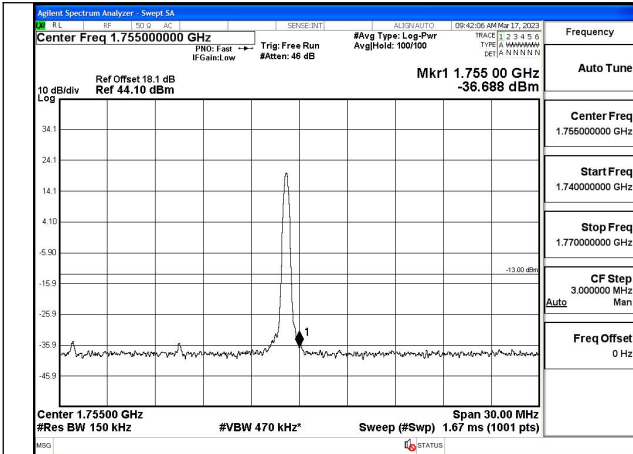


Fig.19

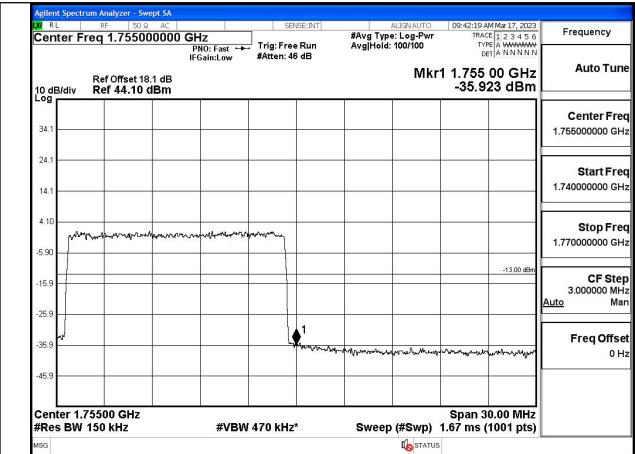


Fig.20

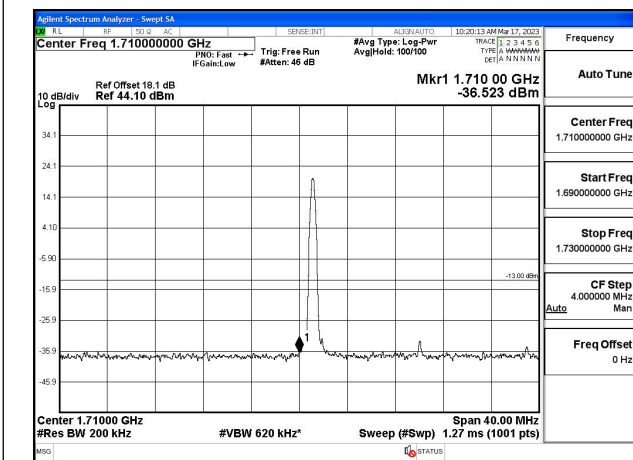


Fig.21

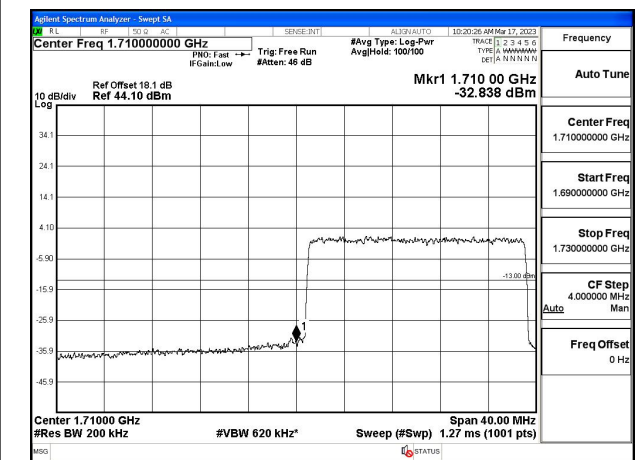


Fig.22

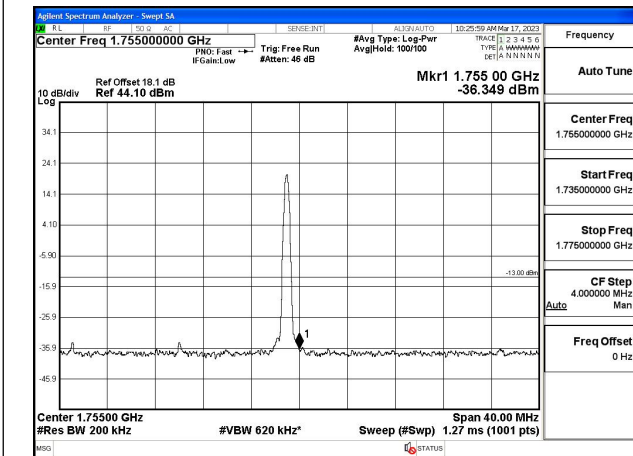


Fig.23

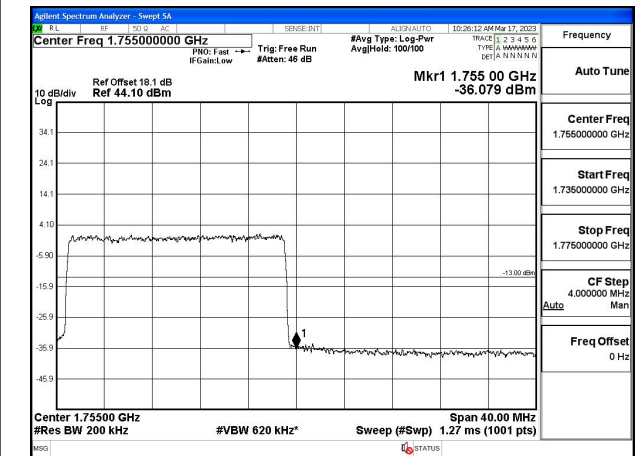


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.016	-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	18.15	0.065
QPSK	1710.7	19957	1.4	1	3	22.88	18.38	0.069
QPSK	1710.7	19957	1.4	1	5	22.88	18.38	0.069
QPSK	1710.7	19957	1.4	3	0	22.82	18.32	0.068
QPSK	1710.7	19957	1.4	3	1	22.81	18.31	0.068
QPSK	1710.7	19957	1.4	3	3	22.85	18.35	0.068
QPSK	1710.7	19957	1.4	6	0	21.87	17.37	0.055
QPSK	1732.5	20175	1.4	1	0	22.67	18.17	0.066
QPSK	1732.5	20175	1.4	1	3	22.85	18.35	0.068
QPSK	1732.5	20175	1.4	1	5	22.92	18.42	0.070
QPSK	1732.5	20175	1.4	3	0	22.94	18.44	0.070
QPSK	1732.5	20175	1.4	3	1	23.09	18.59	0.072
QPSK	1732.5	20175	1.4	3	3	22.84	18.34	0.068
QPSK	1732.5	20175	1.4	6	0	21.83	17.33	0.054
QPSK	1754.3	20393	1.4	1	0	22.86	18.36	0.069
QPSK	1754.3	20393	1.4	1	3	22.68	18.18	0.066
QPSK	1754.3	20393	1.4	1	5	22.74	18.24	0.067
QPSK	1754.3	20393	1.4	3	0	22.81	18.31	0.068
QPSK	1754.3	20393	1.4	3	1	22.78	18.28	0.067
QPSK	1754.3	20393	1.4	3	3	22.85	18.35	0.068
QPSK	1754.3	20393	1.4	6	0	21.80	17.30	0.054

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	17.90	0.062
16QAM	1710.7	19957	1.4	1	3	22.46	17.96	0.063
16QAM	1710.7	19957	1.4	1	5	22.06	17.56	0.057
16QAM	1710.7	19957	1.4	3	0	21.78	17.28	0.053
16QAM	1710.7	19957	1.4	3	1	21.87	17.37	0.055
16QAM	1710.7	19957	1.4	3	3	21.97	17.47	0.056
16QAM	1710.7	19957	1.4	6	0	21.03	16.53	0.045
16QAM	1732.5	20175	1.4	1	0	21.98	17.48	0.056
16QAM	1732.5	20175	1.4	1	3	22.38	17.88	0.061
16QAM	1732.5	20175	1.4	1	5	21.59	17.09	0.051
16QAM	1732.5	20175	1.4	3	0	22.13	17.63	0.058
16QAM	1732.5	20175	1.4	3	1	22.16	17.66	0.058
16QAM	1732.5	20175	1.4	3	3	21.98	17.48	0.056
16QAM	1732.5	20175	1.4	6	0	20.73	16.23	0.042
16QAM	1754.3	20393	1.4	1	0	21.94	17.44	0.055
16QAM	1754.3	20393	1.4	1	3	22.16	17.66	0.058
16QAM	1754.3	20393	1.4	1	5	22.18	17.68	0.059
16QAM	1754.3	20393	1.4	3	0	21.71	17.21	0.053
16QAM	1754.3	20393	1.4	3	1	21.82	17.32	0.054
16QAM	1754.3	20393	1.4	3	3	22.00	17.50	0.056
16QAM	1754.3	20393	1.4	6	0	20.77	16.27	0.042
64QAM	1710.7	19957	1.4	1	0	22.11	17.61	0.058
64QAM	1710.7	19957	1.4	1	3	21.95	17.45	0.056
64QAM	1710.7	19957	1.4	1	5	21.88	17.38	0.055
64QAM	1710.7	19957	1.4	3	0	22.06	17.56	0.057
64QAM	1710.7	19957	1.4	3	1	21.91	17.41	0.055
64QAM	1710.7	19957	1.4	3	3	22.04	17.54	0.057
64QAM	1710.7	19957	1.4	6	0	20.94	16.44	0.044
64QAM	1732.5	20175	1.4	1	0	22.00	17.50	0.056
64QAM	1732.5	20175	1.4	1	3	22.20	17.70	0.059
64QAM	1732.5	20175	1.4	1	5	21.76	17.26	0.053
64QAM	1732.5	20175	1.4	3	0	22.02	17.52	0.056
64QAM	1732.5	20175	1.4	3	1	21.86	17.36	0.054
64QAM	1732.5	20175	1.4	3	3	21.79	17.29	0.054
64QAM	1732.5	20175	1.4	6	0	20.84	16.34	0.043
64QAM	1754.3	20393	1.4	1	0	21.74	17.24	0.053
64QAM	1754.3	20393	1.4	1	3	21.98	17.48	0.056
64QAM	1754.3	20393	1.4	1	5	21.96	17.46	0.056
64QAM	1754.3	20393	1.4	3	0	21.67	17.17	0.052
64QAM	1754.3	20393	1.4	3	1	22.04	17.54	0.057
64QAM	1754.3	20393	1.4	3	3	21.66	17.16	0.052
64QAM	1754.3	20393	1.4	6	0	20.93	16.43	0.044

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	18.09	0.064
QPSK	1711.5	19965	3	1	8	22.62	18.12	0.065
QPSK	1711.5	19965	3	1	14	22.43	17.93	0.062
QPSK	1711.5	19965	3	8	0	21.64	17.14	0.052
QPSK	1711.5	19965	3	8	4	21.65	17.15	0.052
QPSK	1711.5	19965	3	8	7	21.60	17.10	0.051
QPSK	1711.5	19965	3	15	0	21.61	17.11	0.051
QPSK	1732.5	20175	3	1	0	22.31	17.81	0.060
QPSK	1732.5	20175	3	1	8	22.41	17.91	0.062
QPSK	1732.5	20175	3	1	14	22.44	17.94	0.062
QPSK	1732.5	20175	3	8	0	21.48	16.98	0.050
QPSK	1732.5	20175	3	8	4	21.61	17.11	0.051
QPSK	1732.5	20175	3	8	7	21.68	17.18	0.052
QPSK	1732.5	20175	3	15	0	21.59	17.09	0.051
QPSK	1753.5	20385	3	1	0	22.52	18.02	0.063
QPSK	1753.5	20385	3	1	8	22.69	18.19	0.066
QPSK	1753.5	20385	3	1	14	22.78	18.28	0.067
QPSK	1753.5	20385	3	8	0	21.62	17.12	0.052
QPSK	1753.5	20385	3	8	4	21.56	17.06	0.051
QPSK	1753.5	20385	3	8	7	21.70	17.20	0.052
QPSK	1753.5	20385	3	15	0	21.62	17.12	0.052

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	17.63	0.058
16QAM	1711.5	19965	3	1	8	22.14	17.64	0.058
16QAM	1711.5	19965	3	1	14	21.80	17.30	0.054
16QAM	1711.5	19965	3	8	0	20.86	16.36	0.043
16QAM	1711.5	19965	3	8	4	20.79	16.29	0.043
16QAM	1711.5	19965	3	8	7	20.56	16.06	0.040
16QAM	1711.5	19965	3	15	0	20.80	16.30	0.043
16QAM	1732.5	20175	3	1	0	21.87	17.37	0.055
16QAM	1732.5	20175	3	1	8	21.92	17.42	0.055
16QAM	1732.5	20175	3	1	14	21.77	17.27	0.053
16QAM	1732.5	20175	3	8	0	20.60	16.10	0.041
16QAM	1732.5	20175	3	8	4	20.75	16.25	0.042
16QAM	1732.5	20175	3	8	7	20.65	16.15	0.041
16QAM	1732.5	20175	3	15	0	20.68	16.18	0.041
16QAM	1753.5	20385	3	1	0	22.02	17.52	0.056
16QAM	1753.5	20385	3	1	8	22.03	17.53	0.057
16QAM	1753.5	20385	3	1	14	22.16	17.66	0.058
16QAM	1753.5	20385	3	8	0	20.66	16.16	0.041
16QAM	1753.5	20385	3	8	4	20.69	16.19	0.042
16QAM	1753.5	20385	3	8	7	21.00	16.50	0.045
16QAM	1753.5	20385	3	15	0	20.66	16.16	0.041
64QAM	1711.5	19965	3	1	0	21.42	16.92	0.049
64QAM	1711.5	19965	3	1	8	22.00	17.50	0.056
64QAM	1711.5	19965	3	1	14	21.83	17.33	0.054
64QAM	1711.5	19965	3	8	0	20.70	16.20	0.042
64QAM	1711.5	19965	3	8	4	20.86	16.36	0.043
64QAM	1711.5	19965	3	8	7	20.76	16.26	0.042
64QAM	1711.5	19965	3	15	0	20.69	16.19	0.042
64QAM	1732.5	20175	3	1	0	21.46	16.96	0.050
64QAM	1732.5	20175	3	1	8	22.02	17.52	0.056
64QAM	1732.5	20175	3	1	14	21.66	17.16	0.052
64QAM	1732.5	20175	3	8	0	20.55	16.05	0.040
64QAM	1732.5	20175	3	8	4	20.69	16.19	0.042
64QAM	1732.5	20175	3	8	7	20.53	16.03	0.040
64QAM	1732.5	20175	3	15	0	20.73	16.23	0.042
64QAM	1753.5	20385	3	1	0	21.90	17.40	0.055
64QAM	1753.5	20385	3	1	8	22.03	17.53	0.057
64QAM	1753.5	20385	3	1	14	21.67	17.17	0.052
64QAM	1753.5	20385	3	8	0	20.51	16.01	0.040
64QAM	1753.5	20385	3	8	4	20.73	16.23	0.042
64QAM	1753.5	20385	3	8	7	20.83	16.33	0.043
64QAM	1753.5	20385	3	15	0	20.63	16.13	0.041

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	18.13	0.065
QPSK	1712.5	19975	5	1	12	22.57	18.07	0.064
QPSK	1712.5	19975	5	1	24	22.59	18.09	0.064
QPSK	1712.5	19975	5	12	0	21.74	17.24	0.053
QPSK	1712.5	19975	5	12	7	21.76	17.26	0.053
QPSK	1712.5	19975	5	12	13	21.67	17.17	0.052
QPSK	1712.5	19975	5	25	0	21.65	17.15	0.052
QPSK	1732.5	20175	5	1	0	22.65	18.15	0.065
QPSK	1732.5	20175	5	1	12	22.59	18.09	0.064
QPSK	1732.5	20175	5	1	24	22.44	17.94	0.062
QPSK	1732.5	20175	5	12	0	21.61	17.11	0.051
QPSK	1732.5	20175	5	12	7	21.63	17.13	0.052
QPSK	1732.5	20175	5	12	13	21.63	17.13	0.052
QPSK	1732.5	20175	5	25	0	21.63	17.13	0.052
QPSK	1752.5	20375	5	1	0	22.71	18.21	0.066
QPSK	1752.5	20375	5	1	12	22.80	18.30	0.068
QPSK	1752.5	20375	5	1	24	22.43	17.93	0.062
QPSK	1752.5	20375	5	12	0	21.62	17.12	0.052
QPSK	1752.5	20375	5	12	7	21.65	17.15	0.052
QPSK	1752.5	20375	5	12	13	21.65	17.15	0.052
QPSK	1752.5	20375	5	25	0	21.60	17.10	0.051

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	17.19	0.052
16QAM	1712.5	19975	5	1	12	22.21	17.71	0.059
16QAM	1712.5	19975	5	1	24	21.96	17.46	0.056
16QAM	1712.5	19975	5	12	0	20.82	16.32	0.043
16QAM	1712.5	19975	5	12	7	20.77	16.27	0.042
16QAM	1712.5	19975	5	12	13	20.81	16.31	0.043
16QAM	1712.5	19975	5	25	0	20.79	16.29	0.043
16QAM	1732.5	20175	5	1	0	22.13	17.63	0.058
16QAM	1732.5	20175	5	1	12	21.92	17.42	0.055
16QAM	1732.5	20175	5	1	24	21.73	17.23	0.053
16QAM	1732.5	20175	5	12	0	20.45	15.95	0.039
16QAM	1732.5	20175	5	12	7	20.61	16.11	0.041
16QAM	1732.5	20175	5	12	13	20.70	16.20	0.042
16QAM	1732.5	20175	5	25	0	20.69	16.19	0.042
16QAM	1752.5	20375	5	1	0	21.90	17.40	0.055
16QAM	1752.5	20375	5	1	12	21.85	17.35	0.054
16QAM	1752.5	20375	5	1	24	22.23	17.73	0.059
16QAM	1752.5	20375	5	12	0	20.47	15.97	0.040
16QAM	1752.5	20375	5	12	7	20.68	16.18	0.041
16QAM	1752.5	20375	5	12	13	20.84	16.34	0.043
16QAM	1752.5	20375	5	25	0	20.62	16.12	0.041
64QAM	1712.5	19975	5	1	0	21.62	17.12	0.052
64QAM	1712.5	19975	5	1	12	21.68	17.18	0.052
64QAM	1712.5	19975	5	1	24	21.75	17.25	0.053
64QAM	1712.5	19975	5	12	0	20.77	16.27	0.042
64QAM	1712.5	19975	5	12	7	20.73	16.23	0.042
64QAM	1712.5	19975	5	12	13	20.68	16.18	0.041
64QAM	1712.5	19975	5	25	0	20.67	16.17	0.041
64QAM	1732.5	20175	5	1	0	21.78	17.28	0.053
64QAM	1732.5	20175	5	1	12	21.76	17.26	0.053
64QAM	1732.5	20175	5	1	24	22.01	17.51	0.056
64QAM	1732.5	20175	5	12	0	20.69	16.19	0.042
64QAM	1732.5	20175	5	12	7	20.69	16.19	0.042
64QAM	1732.5	20175	5	12	13	20.56	16.06	0.040
64QAM	1732.5	20175	5	25	0	20.71	16.21	0.042
64QAM	1752.5	20375	5	1	0	21.75	17.25	0.053
64QAM	1752.5	20375	5	1	12	21.75	17.25	0.053
64QAM	1752.5	20375	5	1	24	21.56	17.06	0.051
64QAM	1752.5	20375	5	12	0	20.61	16.11	0.041
64QAM	1752.5	20375	5	12	7	20.62	16.12	0.041
64QAM	1752.5	20375	5	12	13	20.90	16.40	0.044
64QAM	1752.5	20375	5	25	0	20.58	16.08	0.041

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	18.20	0.066
QPSK	1715	20000	10	1	25	22.68	18.18	0.066
QPSK	1715	20000	10	1	49	22.68	18.18	0.066
QPSK	1715	20000	10	25	0	21.65	17.15	0.052
QPSK	1715	20000	10	25	12	21.78	17.28	0.053
QPSK	1715	20000	10	25	25	21.71	17.21	0.053
QPSK	1715	20000	10	50	0	21.77	17.27	0.053
QPSK	1732.5	20175	10	1	0	22.65	18.15	0.065
QPSK	1732.5	20175	10	1	25	22.76	18.26	0.067
QPSK	1732.5	20175	10	1	49	22.55	18.05	0.064
QPSK	1732.5	20175	10	25	0	21.60	17.10	0.051
QPSK	1732.5	20175	10	25	12	21.55	17.05	0.051
QPSK	1732.5	20175	10	25	25	21.71	17.21	0.053
QPSK	1732.5	20175	10	50	0	21.62	17.12	0.052
QPSK	1750	20350	10	1	0	22.75	18.25	0.067
QPSK	1750	20350	10	1	25	22.53	18.03	0.064
QPSK	1750	20350	10	1	49	22.72	18.22	0.066
QPSK	1750	20350	10	25	0	21.54	17.04	0.051
QPSK	1750	20350	10	25	12	21.67	17.17	0.052
QPSK	1750	20350	10	25	25	21.73	17.23	0.053
QPSK	1750	20350	10	50	0	21.63	17.13	0.052

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	17.90	0.062
16QAM	1715	20000	10	1	25	22.26	17.76	0.060
16QAM	1715	20000	10	1	49	21.91	17.41	0.055
16QAM	1715	20000	10	25	0	20.77	16.27	0.042
16QAM	1715	20000	10	25	12	20.83	16.33	0.043
16QAM	1715	20000	10	25	25	20.66	16.16	0.041
16QAM	1715	20000	10	50	0	20.77	16.27	0.042
16QAM	1732.5	20175	10	1	0	21.77	17.27	0.053
16QAM	1732.5	20175	10	1	25	21.73	17.23	0.053
16QAM	1732.5	20175	10	1	49	21.99	17.49	0.056
16QAM	1732.5	20175	10	25	0	20.52	16.02	0.040
16QAM	1732.5	20175	10	25	12	20.60	16.10	0.041
16QAM	1732.5	20175	10	25	25	20.62	16.12	0.041
16QAM	1732.5	20175	10	50	0	20.69	16.19	0.042
16QAM	1750	20350	10	1	0	22.27	17.77	0.060
16QAM	1750	20350	10	1	25	21.81	17.31	0.054
16QAM	1750	20350	10	1	49	22.07	17.57	0.057
16QAM	1750	20350	10	25	0	20.62	16.12	0.041
16QAM	1750	20350	10	25	12	20.65	16.15	0.041
16QAM	1750	20350	10	25	25	20.79	16.29	0.043
16QAM	1750	20350	10	50	0	20.56	16.06	0.040
64QAM	1715	20000	10	1	0	21.63	17.13	0.052
64QAM	1715	20000	10	1	25	21.93	17.43	0.055
64QAM	1715	20000	10	1	49	21.95	17.45	0.056
64QAM	1715	20000	10	25	0	20.60	16.10	0.041
64QAM	1715	20000	10	25	12	20.77	16.27	0.042
64QAM	1715	20000	10	25	25	20.62	16.12	0.041
64QAM	1715	20000	10	50	0	20.66	16.16	0.041
64QAM	1732.5	20175	10	1	0	21.61	17.11	0.051
64QAM	1732.5	20175	10	1	25	22.09	17.59	0.057
64QAM	1732.5	20175	10	1	49	21.80	17.30	0.054
64QAM	1732.5	20175	10	25	0	20.56	16.06	0.040
64QAM	1732.5	20175	10	25	12	20.59	16.09	0.041
64QAM	1732.5	20175	10	25	25	20.58	16.08	0.041
64QAM	1732.5	20175	10	50	0	20.69	16.19	0.042
64QAM	1750	20350	10	1	0	22.21	17.71	0.059
64QAM	1750	20350	10	1	25	21.49	16.99	0.050
64QAM	1750	20350	10	1	49	21.44	16.94	0.049
64QAM	1750	20350	10	25	0	20.63	16.13	0.041
64QAM	1750	20350	10	25	12	20.57	16.07	0.040
64QAM	1750	20350	10	25	25	20.67	16.17	0.041
64QAM	1750	20350	10	50	0	20.62	16.12	0.041

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	18.26	0.067
QPSK	1717.5	20025	15	1	37	22.80	18.30	0.068
QPSK	1717.5	20025	15	1	74	22.77	18.27	0.067
QPSK	1717.5	20025	15	36	0	21.50	17.00	0.050
QPSK	1717.5	20025	15	36	29	21.55	17.05	0.051
QPSK	1717.5	20025	15	36	30	21.49	16.99	0.050
QPSK	1717.5	20025	15	75	0	21.46	16.96	0.050
QPSK	1732.5	20175	15	1	0	22.68	18.18	0.066
QPSK	1732.5	20175	15	1	37	22.85	18.35	0.068
QPSK	1732.5	20175	15	1	74	22.41	17.91	0.062
QPSK	1732.5	20175	15	36	0	21.39	16.89	0.049
QPSK	1732.5	20175	15	36	29	21.55	17.05	0.051
QPSK	1732.5	20175	15	36	30	21.42	16.92	0.049
QPSK	1732.5	20175	15	75	0	21.46	16.96	0.050
QPSK	1747.5	20325	15	1	0	22.24	17.74	0.059
QPSK	1747.5	20325	15	1	37	22.78	18.28	0.067
QPSK	1747.5	20325	15	1	74	22.55	18.05	0.064
QPSK	1747.5	20325	15	36	0	21.38	16.88	0.049
QPSK	1747.5	20325	15	36	29	21.44	16.94	0.049
QPSK	1747.5	20325	15	36	30	21.59	17.09	0.051
QPSK	1747.5	20325	15	75	0	21.43	16.93	0.049

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	17.10	0.051
16QAM	1717.5	20025	15	1	37	21.73	17.23	0.053
16QAM	1717.5	20025	15	1	74	21.79	17.29	0.054
16QAM	1717.5	20025	15	36	0	20.49	15.99	0.040
16QAM	1717.5	20025	15	36	29	20.48	15.98	0.040
16QAM	1717.5	20025	15	36	30	20.52	16.02	0.040
16QAM	1717.5	20025	15	75	0	20.51	16.01	0.040
16QAM	1732.5	20175	15	1	0	21.48	16.98	0.050
16QAM	1732.5	20175	15	1	37	21.75	17.25	0.053
16QAM	1732.5	20175	15	1	74	21.81	17.31	0.054
16QAM	1732.5	20175	15	36	0	20.34	15.84	0.038
16QAM	1732.5	20175	15	36	29	20.51	16.01	0.040
16QAM	1732.5	20175	15	36	30	20.64	16.14	0.041
16QAM	1732.5	20175	15	75	0	20.55	16.05	0.040
16QAM	1747.5	20325	15	1	0	21.67	17.17	0.052
16QAM	1747.5	20325	15	1	37	22.13	17.63	0.058
16QAM	1747.5	20325	15	1	74	21.54	17.04	0.051
16QAM	1747.5	20325	15	36	0	20.48	15.98	0.040
16QAM	1747.5	20325	15	36	29	20.56	16.06	0.040
16QAM	1747.5	20325	15	36	30	20.62	16.12	0.041
16QAM	1747.5	20325	15	75	0	20.35	15.85	0.038
64QAM	1717.5	20025	15	1	0	21.36	16.86	0.049
64QAM	1717.5	20025	15	1	37	21.27	16.77	0.048
64QAM	1717.5	20025	15	1	74	21.52	17.02	0.050
64QAM	1717.5	20025	15	36	0	20.54	16.04	0.040
64QAM	1717.5	20025	15	36	29	20.57	16.07	0.040
64QAM	1717.5	20025	15	36	30	20.54	16.04	0.040
64QAM	1717.5	20025	15	75	0	20.50	16.00	0.040
64QAM	1732.5	20175	15	1	0	21.40	16.90	0.049
64QAM	1732.5	20175	15	1	37	21.53	17.03	0.050
64QAM	1732.5	20175	15	1	74	21.87	17.37	0.055
64QAM	1732.5	20175	15	36	0	20.51	16.01	0.040
64QAM	1732.5	20175	15	36	29	20.42	15.92	0.039
64QAM	1732.5	20175	15	36	30	20.54	16.04	0.040
64QAM	1732.5	20175	15	75	0	20.44	15.94	0.039
64QAM	1747.5	20325	15	1	0	21.69	17.19	0.052
64QAM	1747.5	20325	15	1	37	21.62	17.12	0.052
64QAM	1747.5	20325	15	1	74	21.76	17.26	0.053
64QAM	1747.5	20325	15	36	0	20.34	15.84	0.038
64QAM	1747.5	20325	15	36	29	20.62	16.12	0.041
64QAM	1747.5	20325	15	36	30	20.63	16.13	0.041
64QAM	1747.5	20325	15	75	0	20.50	16.00	0.040

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	17.95	0.062
QPSK	1720	20050	20	1	49	22.86	18.36	0.069
QPSK	1720	20050	20	1	99	22.77	18.27	0.067
QPSK	1720	20050	20	50	0	21.46	16.96	0.050
QPSK	1720	20050	20	50	24	21.58	17.08	0.051
QPSK	1720	20050	20	50	50	21.46	16.96	0.050
QPSK	1720	20050	20	100	0	21.47	16.97	0.050
QPSK	1732.5	20175	20	1	0	22.71	18.21	0.066
QPSK	1732.5	20175	20	1	49	22.37	17.87	0.061
QPSK	1732.5	20175	20	1	99	22.82	18.32	0.068
QPSK	1732.5	20175	20	50	0	21.42	16.92	0.049
QPSK	1732.5	20175	20	50	24	21.39	16.89	0.049
QPSK	1732.5	20175	20	50	50	21.52	17.02	0.050
QPSK	1732.5	20175	20	100	0	21.52	17.02	0.050
QPSK	1745	20300	20	1	0	22.97	18.47	0.070
QPSK	1745	20300	20	1	49	22.54	18.04	0.064
QPSK	1745	20300	20	1	99	22.72	18.22	0.066
QPSK	1745	20300	20	50	0	21.46	16.96	0.050
QPSK	1745	20300	20	50	24	21.47	16.97	0.050
QPSK	1745	20300	20	50	50	21.63	17.13	0.052
QPSK	1745	20300	20	100	0	21.47	16.97	0.050

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	17.10	0.051
16QAM	1720	20050	20	1	49	22.13	17.63	0.058
16QAM	1720	20050	20	1	99	22.11	17.61	0.058
16QAM	1720	20050	20	50	0	20.50	16.00	0.040
16QAM	1720	20050	20	50	24	20.52	16.02	0.040
16QAM	1720	20050	20	50	50	20.47	15.97	0.040
16QAM	1720	20050	20	100	0	20.59	16.09	0.041
16QAM	1732.5	20175	20	1	0	21.67	17.17	0.052
16QAM	1732.5	20175	20	1	49	21.60	17.10	0.051
16QAM	1732.5	20175	20	1	99	21.71	17.21	0.053
16QAM	1732.5	20175	20	50	0	20.32	15.82	0.038
16QAM	1732.5	20175	20	50	24	20.46	15.96	0.039
16QAM	1732.5	20175	20	50	50	20.40	15.90	0.039
16QAM	1732.5	20175	20	100	0	20.47	15.97	0.040
16QAM	1745	20300	20	1	0	21.75	17.25	0.053
16QAM	1745	20300	20	1	49	21.66	17.16	0.052
16QAM	1745	20300	20	1	99	21.92	17.42	0.055
16QAM	1745	20300	20	50	0	20.45	15.95	0.039
16QAM	1745	20300	20	50	24	20.51	16.01	0.040
16QAM	1745	20300	20	50	50	20.71	16.21	0.042
16QAM	1745	20300	20	100	0	20.49	15.99	0.040
64QAM	1720	20050	20	1	0	21.77	17.27	0.053
64QAM	1720	20050	20	1	49	21.51	17.01	0.050
64QAM	1720	20050	20	1	99	21.67	17.17	0.052
64QAM	1720	20050	20	50	0	20.45	15.95	0.039
64QAM	1720	20050	20	50	24	20.63	16.13	0.041
64QAM	1720	20050	20	50	50	20.52	16.02	0.040
64QAM	1720	20050	20	100	0	20.57	16.07	0.040
64QAM	1732.5	20175	20	1	0	21.56	17.06	0.051
64QAM	1732.5	20175	20	1	49	21.46	16.96	0.050
64QAM	1732.5	20175	20	1	99	21.84	17.34	0.054
64QAM	1732.5	20175	20	50	0	20.35	15.85	0.038
64QAM	1732.5	20175	20	50	24	20.42	15.92	0.039
64QAM	1732.5	20175	20	50	50	20.42	15.92	0.039
64QAM	1732.5	20175	20	100	0	20.46	15.96	0.039
64QAM	1745	20300	20	1	0	21.71	17.21	0.053
64QAM	1745	20300	20	1	49	21.50	17.00	0.050
64QAM	1745	20300	20	1	99	21.84	17.34	0.054
64QAM	1745	20300	20	50	0	20.39	15.89	0.039
64QAM	1745	20300	20	50	24	20.43	15.93	0.039
64QAM	1745	20300	20	50	50	20.59	16.09	0.041
64QAM	1745	20300	20	100	0	20.47	15.97	0.040