

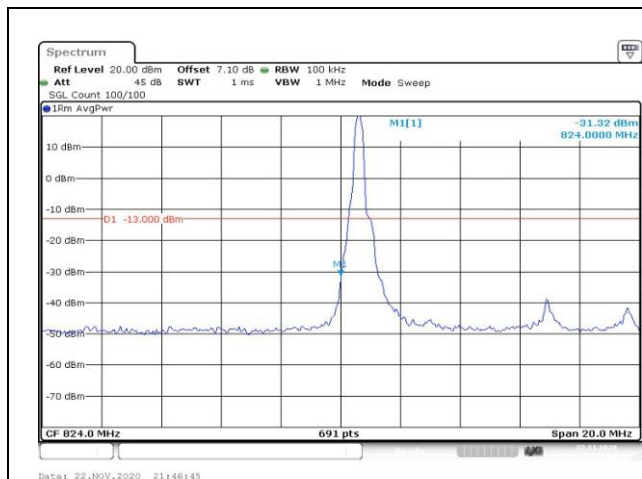


Fig.13

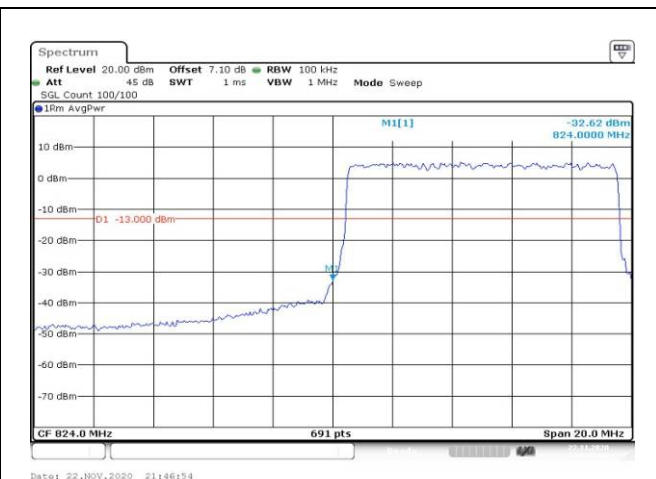


Fig.14

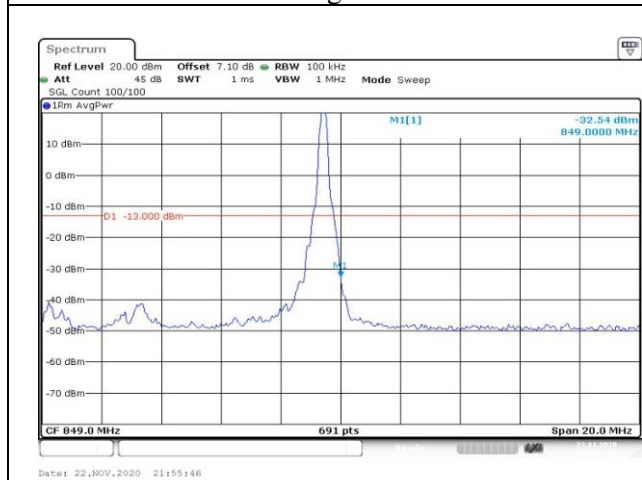


Fig.15

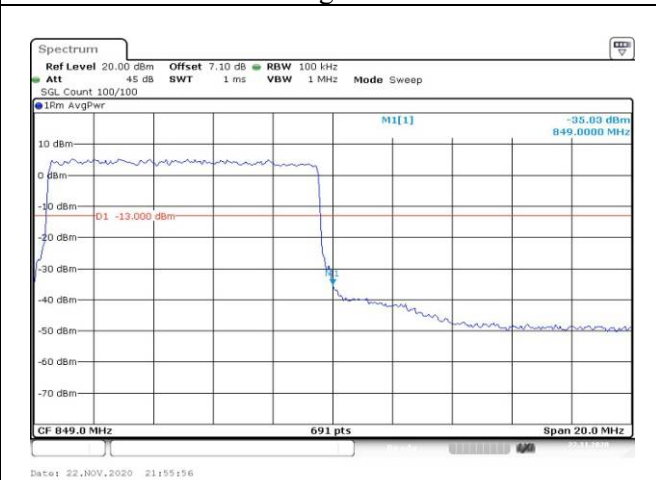


Fig.16

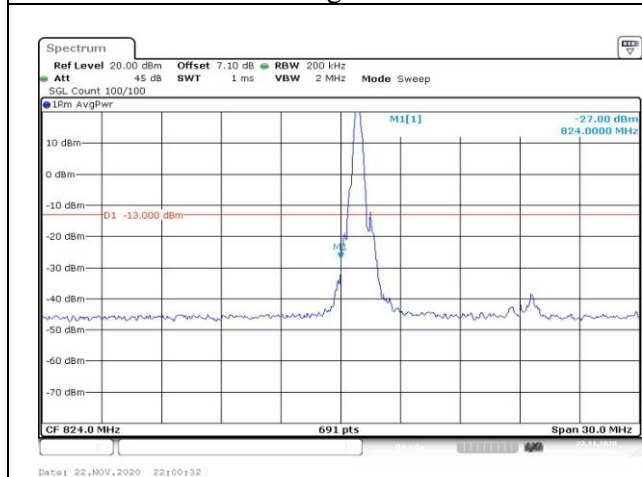


Fig.17

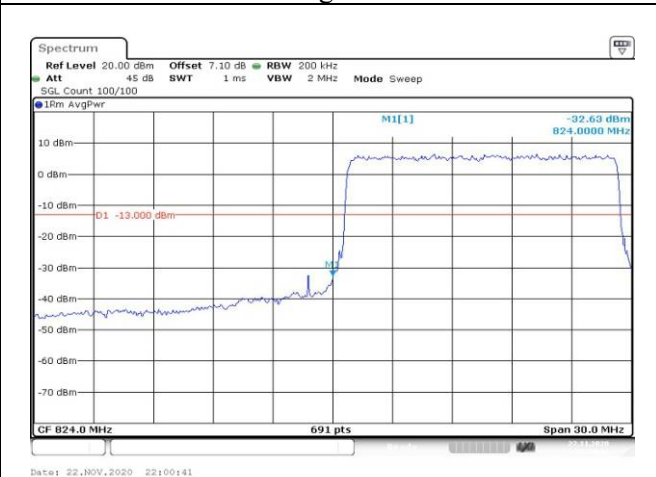


Fig.18

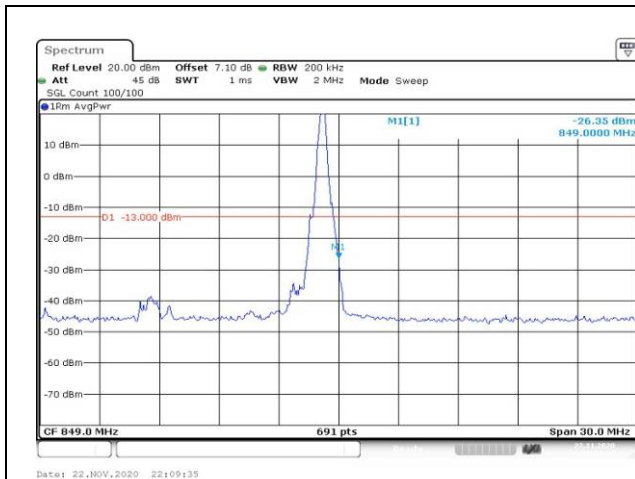


Fig.19

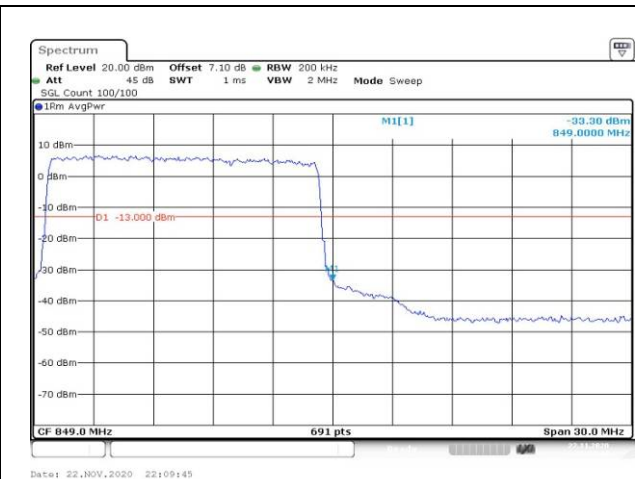


Fig.20

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) Low Channel QPSK				
		1.4M	3M	5M	10M	15M
-20	NV	0.024	-0.002	-0.003	0.004	0.001
-10	NV	-0.001	0.004	-0.006	-0.003	-0.004
0	NV	0.015	0.002	0.001	-0.003	-0.001
+10	NV	-0.012	-0.004	-0.003	-0.003	-0.006
+20	NV	0.000	0.000	0.000	0.000	0.000
+30	NV	0.000	-0.005	-0.005	-0.006	-0.003
+40	NV	-0.001	0.003	-0.006	0.004	-0.007
+50	NV	-0.006	-0.004	-0.002	0.004	-0.008
+55	NV	-0.009	-0.003	-0.004	0.001	-0.006
+20	LV	0.015	0.006	-0.006	0.004	-0.007
+20	HV	0.015	0.006	-0.006	0.004	-0.007

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) High Channel QPSK				
		1.4M	3M	5M	10M	15M
-20	NV	0.021	-0.005	-0.008	-0.004	0.004
-10	NV	0.030	0.000	-0.007	-0.002	-0.003
0	NV	0.005	-0.006	-0.011	-0.009	0.000
+10	NV	0.000	-0.002	-0.002	-0.008	0.000
+20	NV	0.000	0.000	0.000	0.000	0.000
+30	NV	0.002	-0.007	-0.007	-0.004	0.003
+40	NV	0.005	0.002	-0.009	-0.006	0.006
+50	NV	0.008	0.002	-0.007	-0.008	0.002
+55	NV	0.003	0.002	-0.005	-0.006	0.005
+20	LV	0.005	-0.004	-0.006	-0.003	-0.001
+20	HV	0.005	-0.004	-0.004	-0.003	-0.003

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	824.7	26797	1.4	1	0	23.16	22.01	0.159	
				1	3	23.22	22.07	0.161	
				1	5	23.20	22.05	0.160	
				3	0	23.20	22.05	0.160	
				3	1	23.17	22.02	0.159	
				3	3	23.23	22.08	0.161	
	6	0		22.21	21.06	0.128			
	836.5	26915		1	0	23.31	22.16	0.164	
				1	3	23.34	22.19	0.166	
				1	5	23.27	22.12	0.163	
				3	0	23.33	22.18	0.165	
				3	1	23.36	22.21	0.166	
				3	3	23.36	22.21	0.166	
	6	0		22.36	21.21	0.132			
	848.3	27033		1	0	23.32	22.17	0.165	
				1	3	23.31	22.16	0.164	
				1	5	23.31	22.16	0.164	
				3	0	23.35	22.20	0.166	
				3	1	23.34	22.19	0.166	
				3	3	23.32	22.17	0.165	
	16QAM	824.7		26797	6	0	22.42	21.27	0.134
					1	0	22.29	21.14	0.130
					1	3	22.29	21.14	0.130
					1	5	22.29	21.14	0.130
3					0	22.46	21.31	0.135	
3					1	22.53	21.38	0.137	
3		3		22.53	21.38	0.137			
6		0		21.35	20.20	0.105			
836.5		26915		1	0	22.49	21.34	0.136	
				1	3	22.54	21.39	0.138	
			1	5	22.46	21.31	0.135		
			3	0	22.30	21.15	0.130		
			3	1	22.34	21.19	0.132		
			3	3	22.34	21.19	0.132		
6		0	21.39	20.24	0.106				
848.3		27033	1	0	22.55	21.40	0.138		
			1	3	22.53	21.38	0.137		
			1	5	22.52	21.37	0.137		
			3	0	22.53	21.38	0.137		
			3	1	22.46	21.31	0.135		
			3	3	22.50	21.35	0.136		
6		0	21.34	20.19	0.104				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	26797	1.4	1	0	21.29	20.14	0.103
				1	3	21.32	20.17	0.104
				1	5	21.26	20.11	0.103
				3	0	21.29	20.14	0.103
				3	1	21.26	20.11	0.103
				3	3	21.26	20.11	0.103
	836.5	26915		6	0	21.29	20.14	0.103
				1	0	21.39	20.24	0.106
				1	3	21.39	20.24	0.106
				1	5	21.39	20.24	0.106
				3	0	21.39	20.24	0.106
				3	1	21.40	20.25	0.106
				3	3	21.39	20.24	0.106
				6	0	21.40	20.25	0.106
	848.3	27033		1	0	21.34	20.19	0.104
				1	3	21.41	20.26	0.106
				1	5	21.35	20.20	0.105
				3	0	21.35	20.20	0.105
				3	1	21.35	20.20	0.105
				3	3	21.36	20.21	0.105
				6	0	21.41	20.26	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	26805	3	1	0	23.23	22.08	0.161
				1	8	23.20	22.05	0.160
				1	14	23.34	22.19	0.166
				8	0	22.24	21.09	0.129
				8	4	22.35	21.20	0.132
				8	7	22.34	21.19	0.132
				15	0	22.32	21.17	0.131
	836.5	26915		1	0	23.32	22.17	0.165
				1	8	23.33	22.18	0.165
				1	14	23.44	22.29	0.169
				8	0	22.37	21.22	0.132
				8	4	22.48	21.33	0.136
				8	7	22.47	21.32	0.136
				15	0	22.44	21.29	0.135
	847.5	27025		1	0	23.51	22.36	0.172
				1	8	23.45	22.30	0.170
				1	14	23.44	22.29	0.169
				8	0	22.56	21.41	0.138
				8	4	22.48	21.33	0.136
				8	7	22.47	21.32	0.136
				15	0	22.55	21.40	0.138
16QAM	825.5	26805		1	0	22.50	21.35	0.136
				1	8	22.51	21.36	0.137
				1	14	22.50	21.35	0.136
				8	0	21.37	20.22	0.105
				8	4	21.40	20.25	0.106
				8	7	21.40	20.25	0.106
				15	0	21.41	20.26	0.106
	836.5	26915	1	0	23.06	21.91	0.155	
			1	8	23.08	21.93	0.156	
			1	14	23.08	21.93	0.156	
			8	0	21.63	20.48	0.112	
			8	4	21.62	20.47	0.111	
			8	7	21.63	20.48	0.112	
			15	0	21.45	20.30	0.107	
	847.5	27025	1	0	22.70	21.55	0.143	
			1	8	22.59	21.44	0.139	
			1	14	22.65	21.50	0.141	
			8	0	21.53	20.38	0.109	
			8	4	21.48	20.33	0.108	
			8	7	21.48	20.33	0.108	
			15	0	21.46	20.31	0.107	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	26805	3	1	0	21.41	20.26	0.106
				1	8	21.41	20.26	0.106
				1	14	21.41	20.26	0.106
				8	0	21.41	20.26	0.106
				8	4	21.41	20.26	0.106
				8	7	21.40	20.25	0.106
	15	0		21.40	20.25	0.106		
	836.5	26915		1	0	21.51	20.36	0.109
				1	8	21.51	20.36	0.109
				1	14	21.50	20.35	0.108
				8	0	21.50	20.35	0.108
				8	4	21.51	20.36	0.109
				8	7	21.50	20.35	0.108
	15	0		21.51	20.36	0.109		
	847.5	27025		1	0	21.47	20.32	0.108
				1	8	21.53	20.38	0.109
				1	14	21.48	20.33	0.108
				8	0	21.46	20.31	0.107
				8	4	21.50	20.35	0.108
				8	7	21.48	20.33	0.108
				15	0	21.48	20.33	0.108

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	26815	5	1	0	23.21	22.06	0.161
				1	12	23.27	22.12	0.163
				1	24	23.27	22.12	0.163
				12	0	22.29	21.14	0.130
				12	7	22.31	21.16	0.131
				12	13	22.31	21.16	0.131
				25	0	22.32	21.17	0.131
	836.5	26915		1	0	23.40	22.25	0.168
				1	12	23.35	22.20	0.166
				1	24	23.41	22.26	0.168
				12	0	22.43	21.28	0.134
				12	7	22.43	21.28	0.134
				12	13	22.44	21.29	0.135
				25	0	22.41	21.26	0.134
	846.5	27015		1	0	23.48	22.33	0.171
				1	12	23.37	22.22	0.167
				1	24	23.36	22.21	0.166
				12	0	22.54	21.39	0.138
				12	7	22.53	21.38	0.137
				12	13	22.49	21.34	0.136
				25	0	22.51	21.36	0.137
16QAM	826.5	26815		1	0	22.29	21.14	0.130
				1	12	22.33	21.18	0.131
				1	24	22.36	21.21	0.132
				12	0	21.33	20.18	0.104
				12	7	21.36	20.21	0.105
				12	13	21.33	20.18	0.104
				25	0	21.42	20.27	0.106
	836.5	26915	1	0	22.77	21.62	0.145	
			1	12	22.76	21.61	0.145	
			1	24	22.86	21.71	0.148	
			12	0	21.53	20.38	0.109	
			12	7	21.50	20.35	0.108	
			12	13	21.49	20.34	0.108	
			25	0	21.42	20.27	0.106	
	846.5	27015	1	0	22.61	21.46	0.140	
			1	12	22.59	21.44	0.139	
			1	24	22.59	21.44	0.139	
			12	0	21.57	20.42	0.110	
			12	7	21.51	20.36	0.109	
			12	13	21.48	20.33	0.108	
			25	0	21.60	20.45	0.111	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	26815	5	1	0	21.51	20.36	0.109
				1	12	21.44	20.29	0.107
				1	24	21.41	20.26	0.106
				12	0	21.41	20.26	0.106
				12	7	21.42	20.27	0.106
				12	13	21.40	20.25	0.106
	836.5	26915		25	0	21.39	20.24	0.106
				1	0	21.41	20.26	0.106
				1	12	21.42	20.27	0.106
				1	24	21.42	20.27	0.106
				12	0	21.43	20.28	0.107
				12	7	21.41	20.26	0.106
	846.5	27015		12	13	21.42	20.27	0.106
				25	0	21.42	20.27	0.106
				1	0	21.63	20.48	0.112
				1	12	21.61	20.46	0.111
				1	24	21.51	20.36	0.109
				12	0	21.58	20.43	0.110
				12	7	21.61	20.46	0.111
				12	13	21.61	20.46	0.111
				25	0	21.62	20.47	0.111

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	829	26840	10	1	0	23.18	22.03	0.160	
				1	25	23.47	22.32	0.171	
				1	49	23.32	22.17	0.165	
				25	0	22.29	21.14	0.130	
				25	12	22.28	21.13	0.130	
				25	25	22.35	21.20	0.132	
				50	0	22.41	21.26	0.134	
	836.5	26915		1	0	23.32	22.17	0.165	
				1	25	23.35	22.20	0.166	
				1	49	23.38	22.23	0.167	
				25	0	22.44	21.29	0.135	
				25	12	22.45	21.30	0.135	
				25	25	22.41	21.26	0.134	
				50	0	22.42	21.27	0.134	
	844	26990		1	0	23.50	22.35	0.172	
				1	25	23.43	22.28	0.169	
				1	49	23.26	22.11	0.163	
				25	0	22.41	21.26	0.134	
				25	12	22.53	21.38	0.137	
				25	25	22.53	21.38	0.137	
				50	0	22.49	21.34	0.136	
	16QAM	829		26840	1	0	22.82	21.67	0.147
					1	25	23.01	21.86	0.153
					1	49	22.76	21.61	0.145
25					0	21.36	20.21	0.105	
25					12	21.39	20.24	0.106	
25					25	21.39	20.24	0.106	
50					0	21.38	20.23	0.105	
836.5		26915		1	0	22.54	21.39	0.138	
				1	25	22.57	21.42	0.139	
			1	49	22.64	21.49	0.141		
			25	0	21.41	20.26	0.106		
			25	12	21.50	20.35	0.108		
			25	25	21.43	20.28	0.107		
			50	0	21.44	20.29	0.107		
844		26990	1	0	22.67	21.52	0.142		
			1	25	22.51	21.36	0.137		
			1	49	22.51	21.36	0.137		
			25	0	21.64	20.49	0.112		
			25	12	21.57	20.42	0.110		
			25	25	21.68	20.53	0.113		
			50	0	21.49	20.34	0.108		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	26840	10	1	0	21.37	20.22	0.105
				1	25	21.43	20.28	0.107
				1	49	21.40	20.25	0.106
				25	0	21.36	20.21	0.105
				25	12	21.42	20.27	0.106
				25	25	21.32	20.17	0.104
	836.5	26915		50	0	21.31	20.16	0.104
				1	0	21.43	20.28	0.107
				1	25	21.35	20.20	0.105
				1	49	21.38	20.23	0.105
				25	0	21.42	20.27	0.106
				25	12	21.42	20.27	0.106
	844	26990		25	25	21.35	20.20	0.105
				50	0	21.35	20.20	0.105
				1	0	21.56	20.41	0.110
				1	25	21.54	20.39	0.109
				1	49	21.54	20.39	0.109
				25	0	21.57	20.42	0.110
				25	12	21.63	20.48	0.112
				25	25	21.49	20.34	0.108
	50	0		21.56	20.41	0.110		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	831.5	26865	15	1	0	23.17	22.02	0.159
				1	37	23.31	22.16	0.164
				1	74	23.31	22.16	0.164
				36	0	22.34	21.19	0.132
				36	29	22.32	21.17	0.131
				36	30	22.32	21.17	0.131
				75	0	22.42	21.27	0.134
	836.5	26915		1	0	23.26	22.11	0.163
				1	37	23.42	22.27	0.169
				1	74	23.39	22.24	0.167
				36	0	22.36	21.21	0.132
				36	29	22.42	21.27	0.134
				36	30	22.43	21.28	0.134
				75	0	22.44	21.29	0.135
	841.5	26965		1	0	23.26	22.11	0.163
				1	37	23.28	22.13	0.163
				1	74	23.24	22.09	0.162
				36	0	22.44	21.29	0.135
				36	29	22.49	21.34	0.136
				36	30	22.45	21.30	0.135
				75	0	22.43	21.28	0.134
16QAM	831.5	26865	1	0	22.94	21.79	0.151	
			1	37	22.93	21.78	0.151	
			1	74	23.00	21.85	0.153	
			36	0	21.42	20.27	0.106	
			36	29	21.39	20.24	0.106	
			36	30	21.41	20.26	0.106	
			75	0	21.38	20.23	0.105	
	836.5	26915	1	0	22.52	21.37	0.137	
			1	37	22.65	21.50	0.141	
			1	74	22.52	21.37	0.137	
			36	0	21.43	20.28	0.107	
			36	29	21.45	20.30	0.107	
			36	30	21.44	20.29	0.107	
			75	0	21.49	20.34	0.108	
	841.5	26965	1	0	22.85	21.70	0.148	
			1	37	22.78	21.63	0.146	
			1	74	22.84	21.69	0.148	
			36	0	21.48	20.33	0.108	
			36	29	21.37	20.22	0.105	
			36	30	21.46	20.31	0.107	
			75	0	21.50	20.35	0.108	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	831.5	26865	15	1	0	21.45	20.30	0.107
				1	37	21.45	20.30	0.107
				1	74	21.45	20.30	0.107
				36	0	21.37	20.22	0.105
				36	29	21.43	20.28	0.107
				36	30	21.43	20.28	0.107
				75	0	21.43	20.28	0.107
	836.5	26915		1	0	21.42	20.27	0.106
				1	37	21.42	20.27	0.106
				1	74	21.42	20.27	0.106
				36	0	21.32	20.17	0.104
				36	29	21.38	20.23	0.105
				36	30	21.42	20.27	0.106
				75	0	21.39	20.24	0.106
	841.5	26965		1	0	21.44	20.29	0.107
				1	37	21.44	20.29	0.107
				1	74	21.39	20.24	0.106
				36	0	21.41	20.26	0.106
				36	29	21.40	20.25	0.106
				36	30	21.36	20.21	0.105
				75	0	21.36	20.21	0.105