

Fig.19

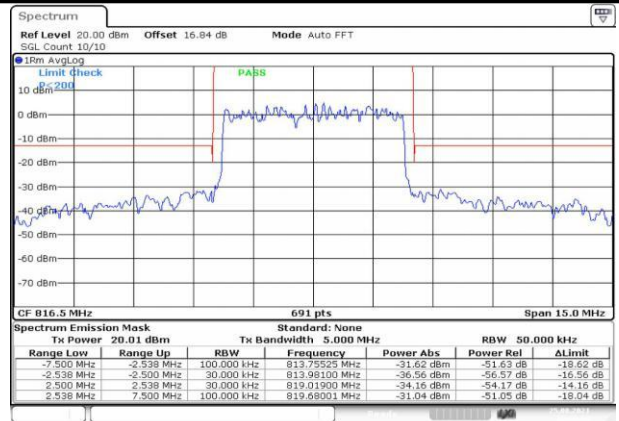


Fig.20

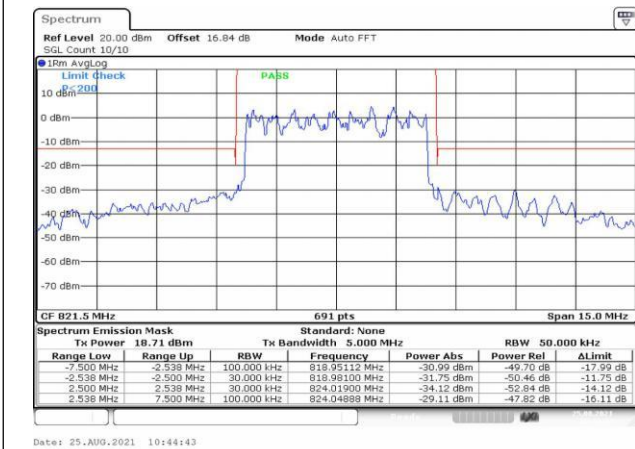


Fig.21

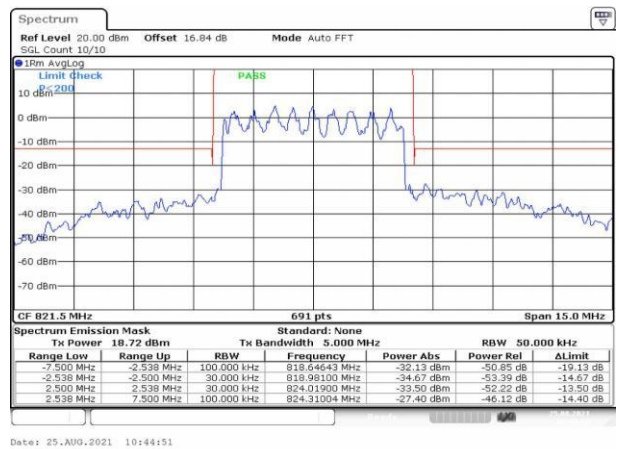


Fig.22

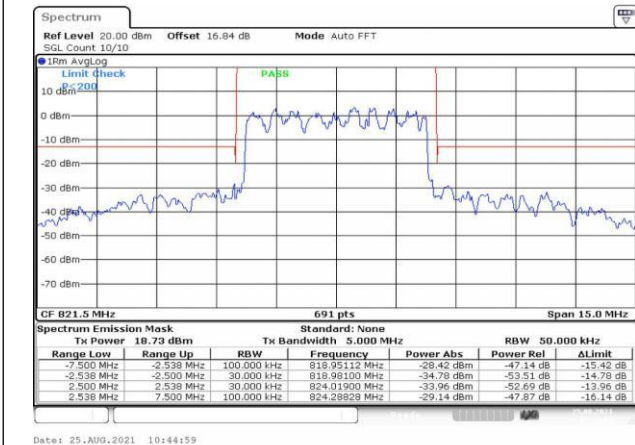


Fig.23

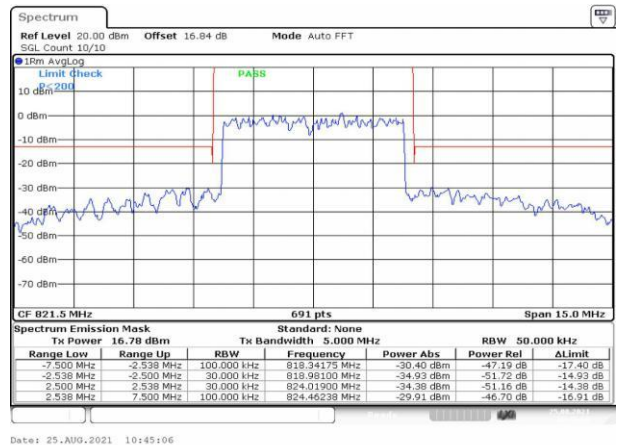


Fig.24

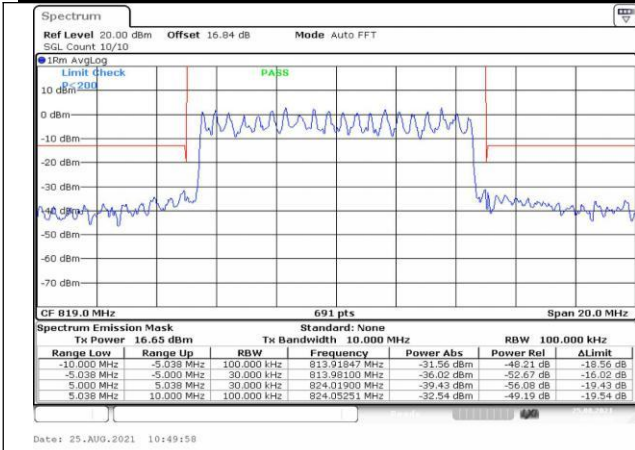


Fig.25

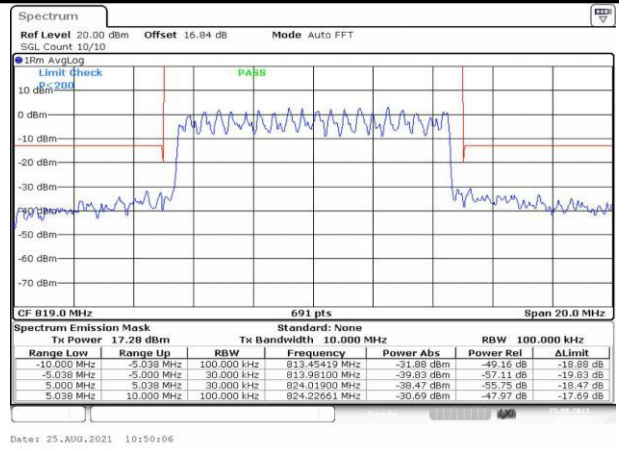


Fig.26

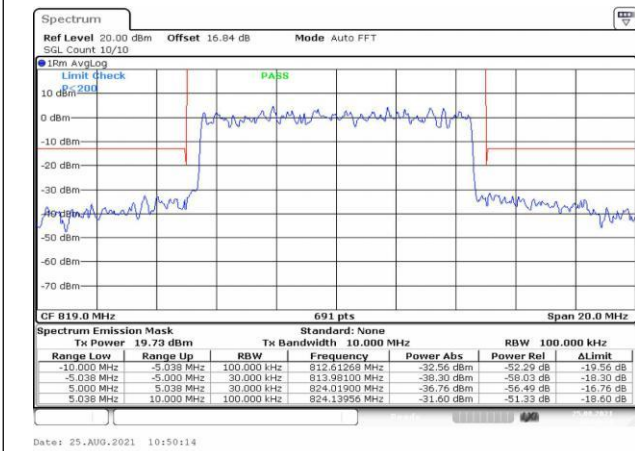


Fig.27

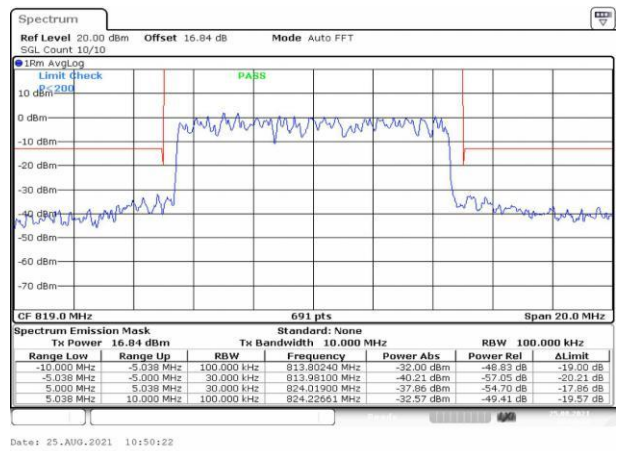


Fig.28

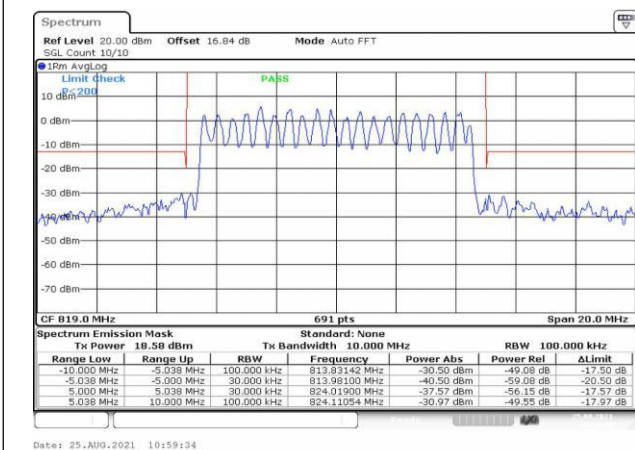


Fig.29

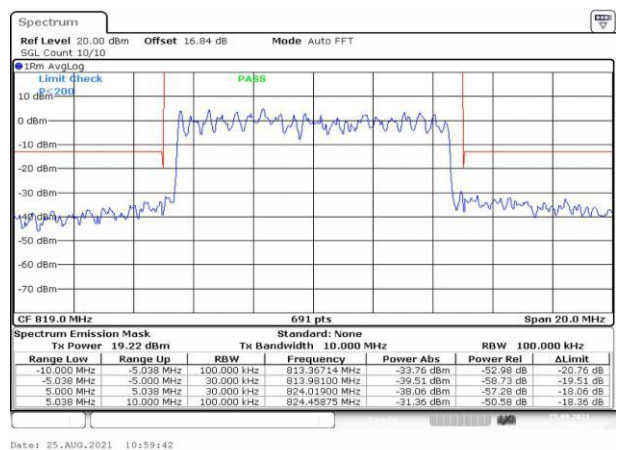


Fig.30

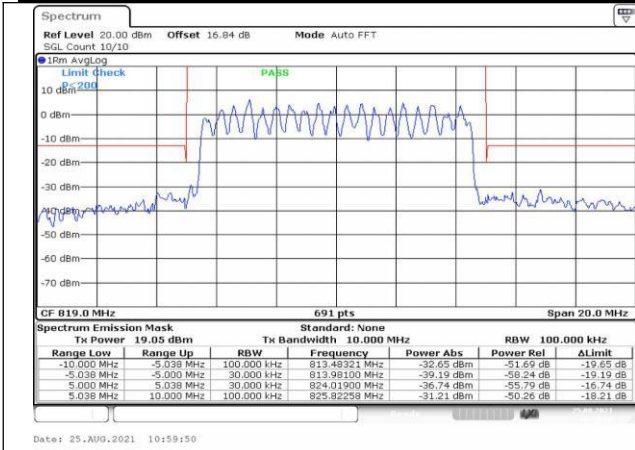


Fig.31

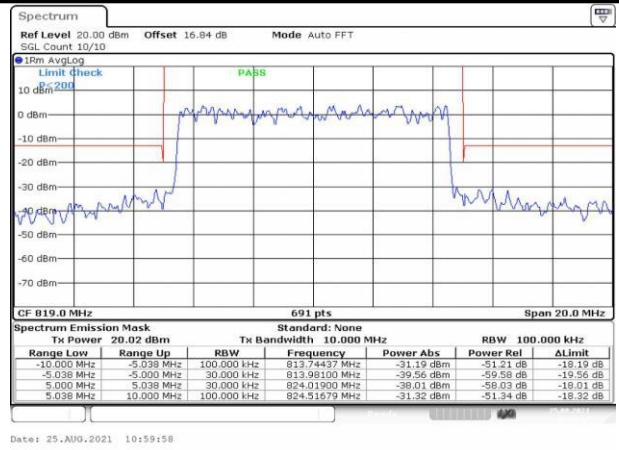


Fig.32

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band26(814-824) Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.004	0.000	0.001	0.001	---	---
-10	NV	0.008	-0.001	0.003	0.001	---	---
0	NV	0.016	0.003	0.001	0.002	---	---
+10	NV	-0.004	0.002	0.003	0.003	---	---
+20	NV	0.005	0.001	0.003	0.001	---	---
+30	NV	0.000	-0.001	0.000	-0.001	---	---
+40	NV	0.008	0.001	0.005	0.000	---	---
+50	NV	0.004	0.003	0.001	0.002	---	---
+20	LV	0.002	-0.001	0.001	0.000	---	---
+20	HV	0.010	-0.002	0.003	0.001	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band26(814-824) High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	-0.004	0.003	0.001	0.000	---	---
-10	NV	0.008	0.004	-0.002	0.001	---	---
0	NV	0.006	0.003	0.002	0.002	---	---
+10	NV	-0.003	0.002	-0.002	0.005	---	---
+20	NV	-0.005	0.002	0.001	-0.001	---	---
+30	NV	0.004	0.000	-0.001	-0.001	---	---
+40	NV	0.001	0.003	0.000	-0.002	---	---
+50	NV	0.005	0.002	0.000	0.002	---	---
+20	LV	0.005	0.003	0.000	0.001	---	---
+20	HV	-0.006	0.000	0.001	0.002	---	---

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	814.7	26697	1.4	1	0	24.04	18.59	0.072
				1	3	24.01	18.56	0.072
				1	5	23.95	18.50	0.071
				3	0	23.90	18.45	0.070
				3	1	24.01	18.56	0.072
				3	3	23.87	18.42	0.070
	6	0		23.03	17.58	0.057		
	1	0		24.05	18.60	0.072		
	1	3		24.10	18.65	0.073		
	1	5		23.90	18.45	0.070		
	3	0		23.92	18.47	0.070		
	3	1		23.99	18.54	0.071		
	3	3		23.96	18.51	0.071		
	6	0		22.96	17.51	0.056		
	1	0		24.01	18.56	0.072		
	1	3		23.96	18.51	0.071		
	1	5		23.90	18.45	0.070		
	3	0		23.94	18.49	0.071		
3	1	23.88	18.43	0.070				
3	3	23.96	18.51	0.071				
6	0	23.09	17.64	0.058				
16QAM	814.7	26697	1.4	1	0	23.68	18.23	0.067
				1	3	23.22	17.77	0.060
				1	5	23.28	17.83	0.061
				3	0	22.84	17.39	0.055
				3	1	23.23	17.78	0.060
				3	3	23.00	17.55	0.057
	6	0		22.13	16.68	0.047		
	1	0		23.39	17.94	0.062		
	1	3		24.00	18.55	0.072		
	1	5		23.34	17.89	0.062		
	3	0		23.11	17.66	0.058		
	3	1		22.97	17.52	0.056		
	3	3		22.95	17.50	0.056		
	6	0		22.10	16.65	0.046		
	1	0		23.24	17.79	0.060		
	1	3		23.48	18.03	0.064		
	1	5		23.29	17.84	0.061		
	3	0		22.86	17.41	0.055		
3	1	23.09	17.64	0.058				
3	3	22.97	17.52	0.056				
6	0	22.15	16.70	0.047				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	814.7	26697	1.4	1	0	22.35	16.90	0.049
				1	3	22.49	17.04	0.051
				1	5	22.45	17.00	0.050
				3	0	22.28	16.83	0.048
				3	1	22.25	16.80	0.048
				3	3	22.11	16.66	0.046
	819	26740		6	0	21.07	15.62	0.036
				1	0	22.04	16.59	0.046
				1	3	21.81	16.36	0.043
				1	5	21.74	16.29	0.043
				3	0	22.13	16.68	0.047
				3	1	22.25	16.80	0.048
	823.3	26783		3	3	21.96	16.51	0.045
				6	0	21.11	15.66	0.037
				1	0	21.82	16.37	0.043
				1	3	22.06	16.61	0.046
				1	5	21.89	16.44	0.044
				3	0	22.06	16.61	0.046
				3	1	22.13	16.68	0.047
				3	3	21.86	16.41	0.044
				6	0	21.10	15.65	0.037

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	815.5	26705	3	1	0	23.98	18.53	0.071
				1	8	24.27	18.82	0.076
				1	14	24.02	18.57	0.072
				8	0	23.16	17.71	0.059
				8	4	23.17	17.72	0.059
				8	7	23.15	17.70	0.059
	819	26740		15	0	23.12	17.67	0.058
				1	0	24.07	18.62	0.073
				1	8	24.09	18.64	0.073
				1	14	24.08	18.63	0.073
				8	0	23.15	17.70	0.059
				8	4	23.16	17.71	0.059
				8	7	23.14	17.69	0.059
				15	0	23.05	17.60	0.058
				822.5	26775	1	0	24.15
1	8	24.27	18.82			0.076		
1	14	24.21	18.76			0.075		
8	0	23.16	17.71			0.059		
8	4	23.16	17.71			0.059		
8	7	23.11	17.66			0.058		
16QAM	815.5	26705	15	0	23.12	17.67	0.058	
			1	0	23.80	18.35	0.068	
			1	8	23.80	18.35	0.068	
			1	14	23.74	18.29	0.067	
			8	0	22.21	16.76	0.047	
			8	4	22.20	16.75	0.047	
	819	26740	8	7	22.17	16.72	0.047	
			15	0	22.15	16.70	0.047	
			1	0	23.62	18.17	0.066	
			1	8	23.49	18.04	0.064	
			1	14	23.27	17.82	0.061	
			8	0	22.14	16.69	0.047	
			8	4	22.08	16.63	0.046	
			8	7	22.07	16.62	0.046	
			15	0	22.07	16.62	0.046	
822.5	26775	1	0	23.37	17.92	0.062		
		1	8	23.51	18.06	0.064		
		1	14	23.40	17.95	0.062		
		8	0	22.23	16.78	0.048		
		8	4	22.19	16.74	0.047		
		8	7	22.14	16.69	0.047		
15	0	22.14	16.69	0.047				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	815.5	26705	3	1	0	22.41	16.96	0.050
				1	8	22.57	17.12	0.052
				1	14	22.37	16.92	0.049
				8	0	21.30	15.85	0.038
				8	4	21.36	15.91	0.039
				8	7	21.23	15.78	0.038
				15	0	21.11	15.66	0.037
	819	26740		1	0	21.91	16.46	0.044
				1	8	22.03	16.58	0.045
				1	14	22.01	16.56	0.045
				8	0	21.06	15.61	0.036
				8	4	21.13	15.68	0.037
				8	7	21.08	15.63	0.037
				15	0	21.28	15.83	0.038
	822.5	26775		1	0	21.83	16.38	0.043
				1	8	21.87	16.42	0.044
				1	14	21.82	16.37	0.043
				8	0	21.12	15.67	0.037
				8	4	21.18	15.73	0.037
				8	7	21.07	15.62	0.036
				15	0	21.22	15.77	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	816.5	26715	5	1	0	24.10	18.65	0.073
				1	12	24.08	18.63	0.073
				1	24	23.97	18.52	0.071
				12	0	23.15	17.70	0.059
				12	7	23.11	17.66	0.058
				12	13	23.06	17.61	0.058
	819	26740		25	0	23.09	17.64	0.058
				1	0	23.95	18.50	0.071
				1	12	24.23	18.78	0.076
				1	24	24.01	18.56	0.072
				12	0	23.16	17.71	0.059
				12	7	23.10	17.65	0.058
	821.5	26765		12	13	23.11	17.66	0.058
				25	0	23.03	17.58	0.057
				1	0	24.06	18.61	0.073
				1	12	24.06	18.61	0.073
				1	24	24.02	18.57	0.072
				12	0	23.09	17.64	0.058
16QAM	816.5	26715	12	7	23.28	17.83	0.061	
			12	13	23.07	17.62	0.058	
			25	0	23.15	17.70	0.059	
			1	0	23.39	17.94	0.062	
			1	12	23.19	17.74	0.059	
			1	24	23.10	17.65	0.058	
	819	26740	12	0	22.09	16.64	0.046	
			12	7	22.16	16.71	0.047	
			12	13	22.06	16.61	0.046	
			25	0	22.05	16.60	0.046	
			1	0	23.60	18.15	0.065	
			1	12	23.46	18.01	0.063	
	821.5	26765	1	24	23.58	18.13	0.065	
			12	0	22.07	16.62	0.046	
			12	7	22.04	16.59	0.046	
			12	13	21.86	16.41	0.044	
			25	0	22.04	16.59	0.046	
			1	0	23.30	17.85	0.061	
			1	12	23.47	18.02	0.063	
			1	24	23.33	17.88	0.061	
			12	0	22.02	16.57	0.045	
			12	7	22.08	16.63	0.046	
			12	13	22.02	16.57	0.045	
			25	0	22.06	16.61	0.046	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	816.5	26715	5	1	0	22.01	16.56	0.045
				1	12	21.99	16.54	0.045
				1	24	21.99	16.54	0.045
				12	0	21.13	15.68	0.037
				12	7	21.10	15.65	0.037
				12	13	20.97	15.52	0.036
				25	0	21.11	15.66	0.037
	819	26740		1	0	22.60	17.15	0.052
				1	12	22.59	17.14	0.052
				1	24	22.43	16.98	0.050
				12	0	21.27	15.82	0.038
				12	7	21.25	15.80	0.038
				12	13	21.22	15.77	0.038
				25	0	21.13	15.68	0.037
	821.5	26765		1	0	22.36	16.91	0.049
				1	12	22.49	17.04	0.051
				1	24	22.44	16.99	0.050
				12	0	21.18	15.73	0.037
				12	7	21.21	15.76	0.038
				12	13	21.19	15.74	0.037
				25	0	21.20	15.75	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	819	26740	10	1	0	24.13	18.68	0.074
				1	25	23.97	18.52	0.071
				1	49	23.98	18.53	0.071
				25	0	23.12	17.67	0.058
				25	12	23.16	17.71	0.059
				25	25	23.10	17.65	0.058
				50	0	23.14	17.69	0.059
				1	0	24.14	18.69	0.074
				1	25	23.93	18.48	0.070
				1	49	24.01	18.56	0.072
				25	0	23.13	17.68	0.059
				25	12	23.14	17.69	0.059
				25	25	23.12	17.67	0.058
				50	0	23.16	17.71	0.059
				1	0	24.08	18.63	0.073
				1	25	24.01	18.56	0.072
				1	49	24.08	18.63	0.073
				16QAM	819	26740	10	25
25	12	23.18	17.73					0.059
25	25	23.09	17.64					0.058
50	0	23.14	17.69					0.059
1	0	24.26	18.81					0.076
1	25	23.90	18.45					0.070
1	49	24.19	18.74					0.075
25	0	22.14	16.69					0.047
25	12	22.18	16.73					0.047
25	25	22.17	16.72					0.047
50	0	22.14	16.69					0.047
1	0	23.75	18.30					0.068
1	25	23.79	18.34					0.068
1	49	24.16	18.71					0.074
25	0	22.21	16.76					0.047
25	12	22.17	16.72					0.047
25	25	22.13	16.68					0.047
50	0	22.11	16.66					0.046
1	0	24.20	18.75	0.075				
1	25	24.17	18.72	0.074				
1	49	23.74	18.29	0.067				
25	0	22.19	16.74	0.047				
25	12	22.16	16.71	0.047				
25	25	22.09	16.64	0.046				
50	0	22.16	16.71	0.047				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	819	26740	10	1	0	22.37	16.92	0.049
				1	25	22.67	17.22	0.053
				1	49	22.44	16.99	0.050
				25	0	21.12	15.67	0.037
				25	12	21.13	15.68	0.037
				25	25	21.05	15.60	0.036
				50	0	21.16	15.71	0.037
				1	0	22.38	16.93	0.049
				1	25	22.45	17.00	0.050
				1	49	22.71	17.26	0.053
				25	0	21.19	15.74	0.037
				25	12	21.22	15.77	0.038
				25	25	21.05	15.60	0.036
				50	0	21.21	15.76	0.038
				1	0	22.29	16.84	0.048
				1	25	22.22	16.77	0.048
				1	49	22.51	17.06	0.051
				25	0	21.16	15.71	0.037
				25	12	21.19	15.74	0.037
				25	25	21.09	15.64	0.037
50	0	21.13	15.68	0.037				