



Fig.73

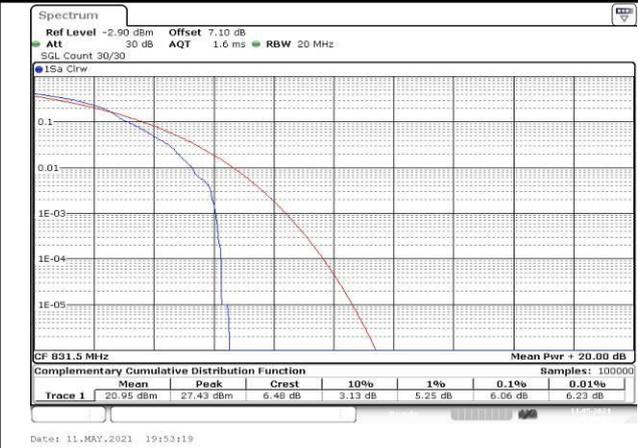


Fig.74

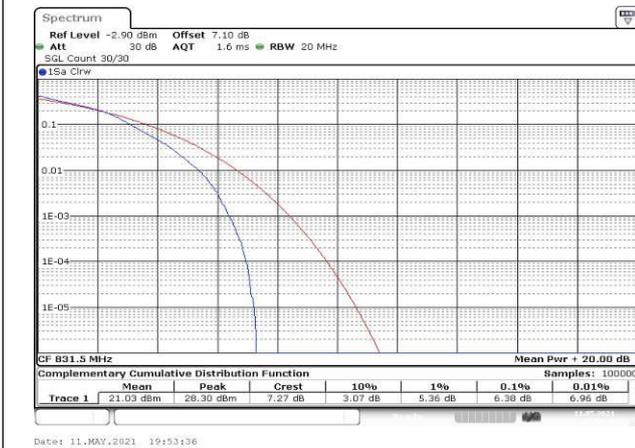


Fig.75

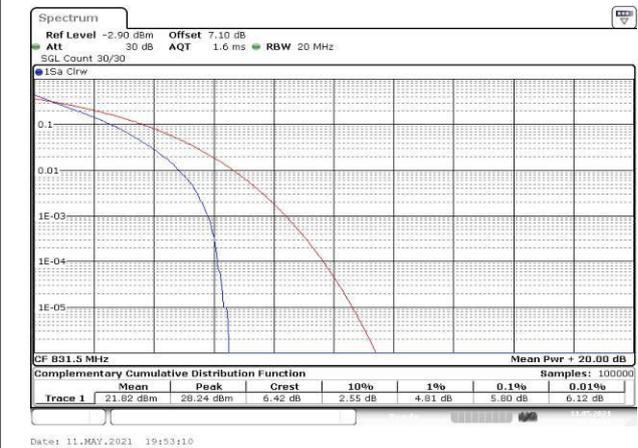


Fig.76

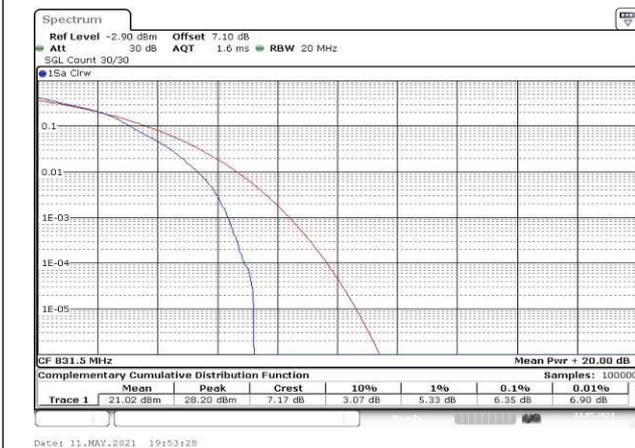


Fig.77

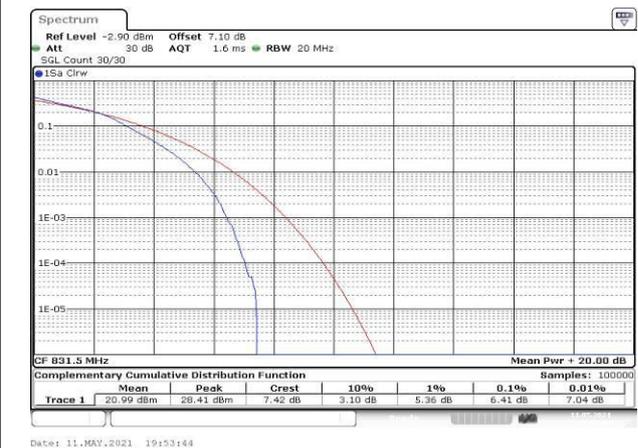


Fig.78

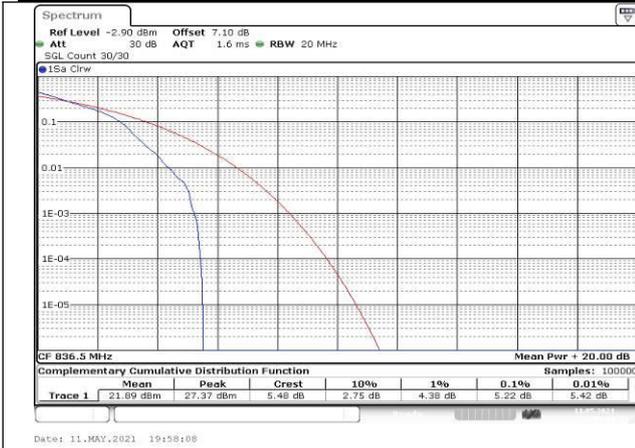


Fig.79

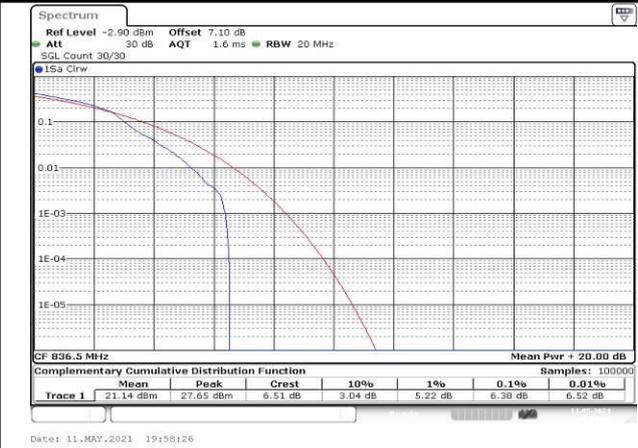


Fig.80

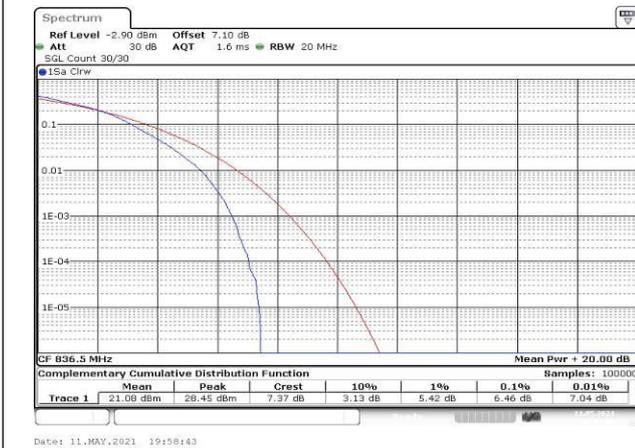


Fig.81

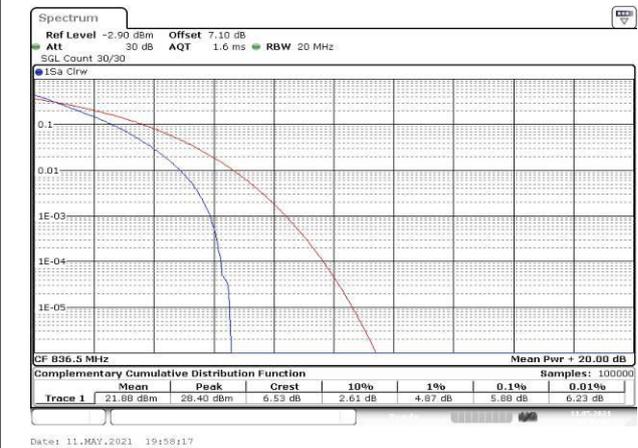


Fig.82



Fig.83

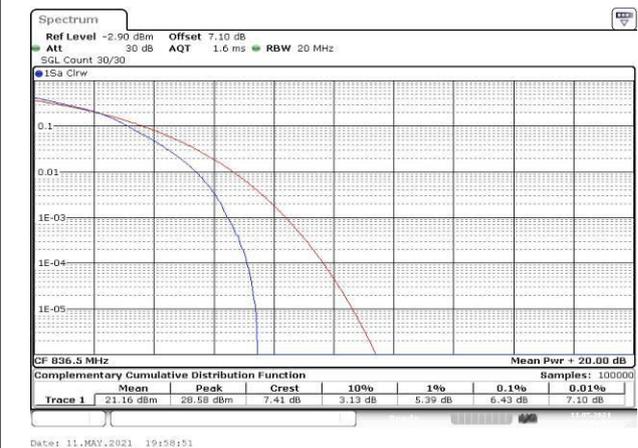


Fig.84

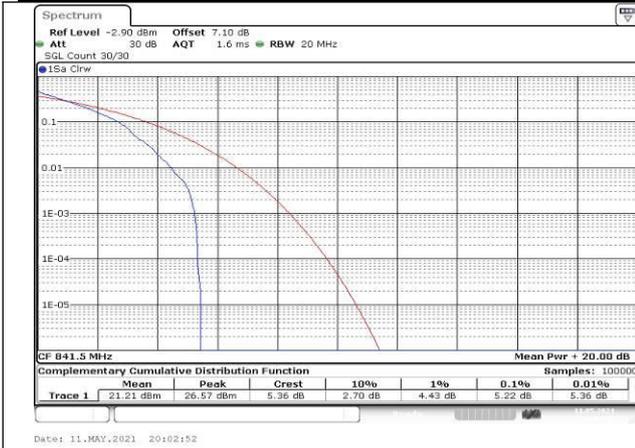


Fig.85



Fig.86

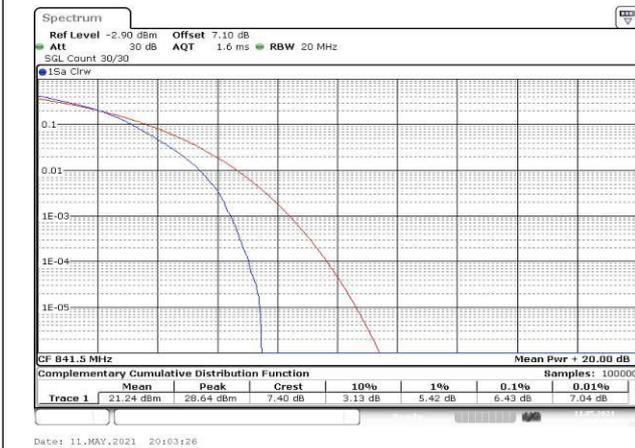


Fig.87

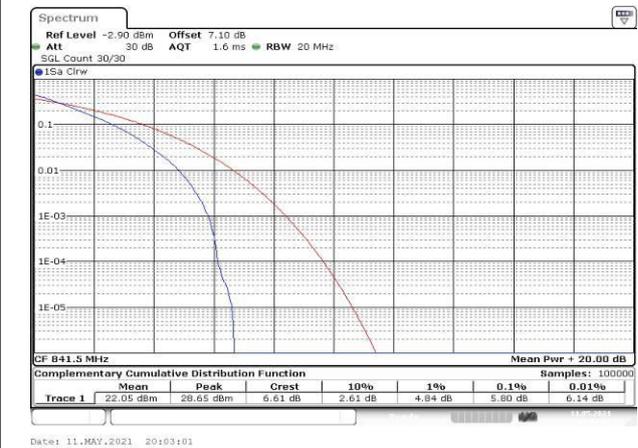


Fig.88

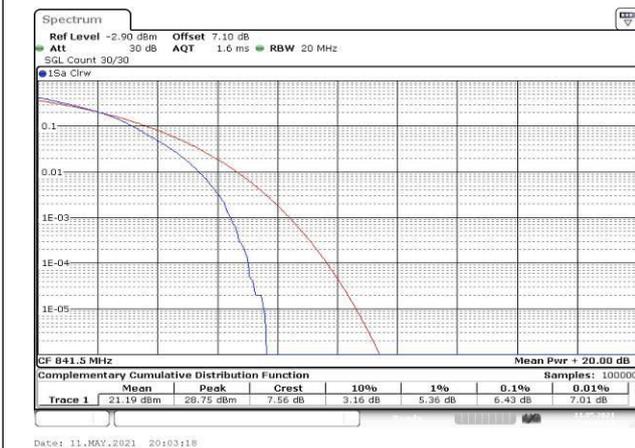


Fig.89

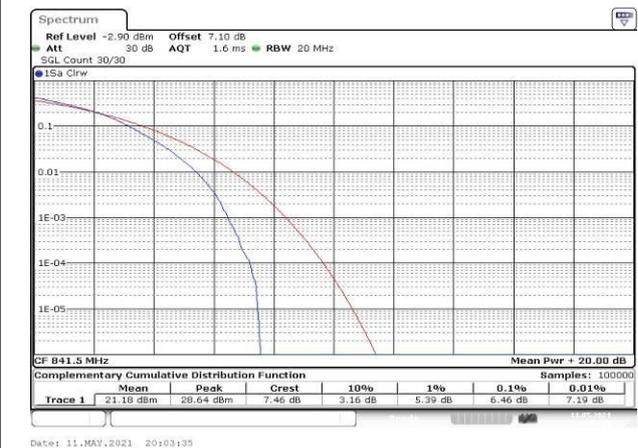


Fig.90

### 5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
26	831.5	26865	15	1	0	Fig.1
	836.5	26915		1	0	Fig.2
	841.5	26965		1	0	Fig.3

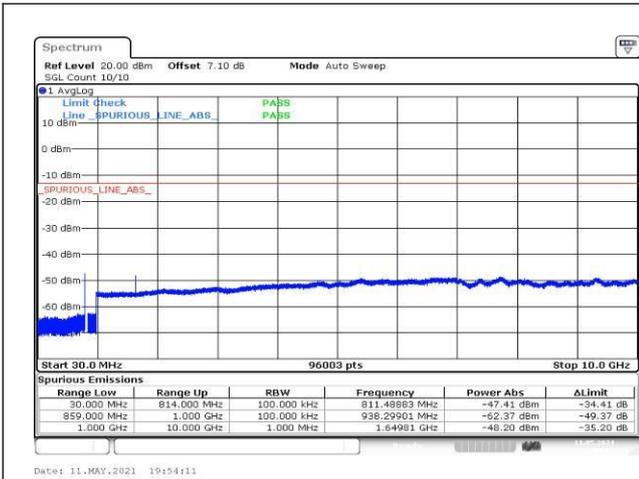


Fig.1

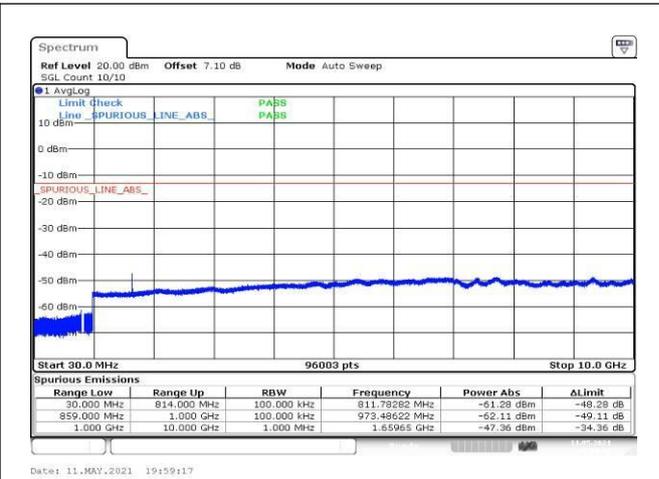


Fig.2

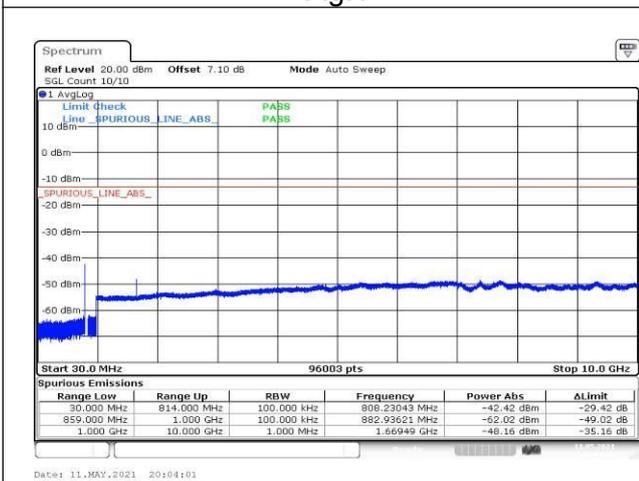


Fig.3

## 6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot	
						QPSK	
26	824.7	26797	1.4	1	0	Fig.1	
				6	0	Fig.2	
	848.3	27033		1	5	Fig.3	
				6	0	Fig.4	
	825.5	26805	3	1	0	Fig.5	
				15	0	Fig.6	
				1	14	Fig.7	
	847.5	27025		15	0	Fig.8	
				826.5	26815	5	1
	25	0					Fig.10
	1	24	Fig.11				
	25	0	Fig.12				
	829	26840	10	1	0		Fig.13
				50	0		Fig.14
				1	49	Fig.15	
	844	26990		50	0	Fig.16	
				831.5	26865	15	1
	75	0					Fig.18
	1	74	Fig.19				
	841.5	26965	75				0

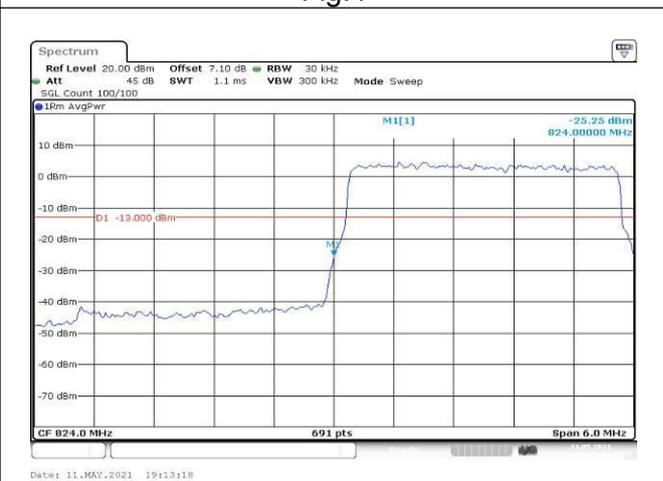
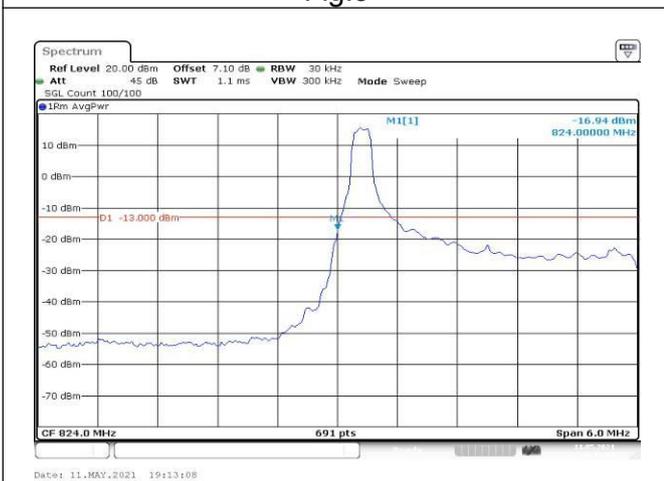
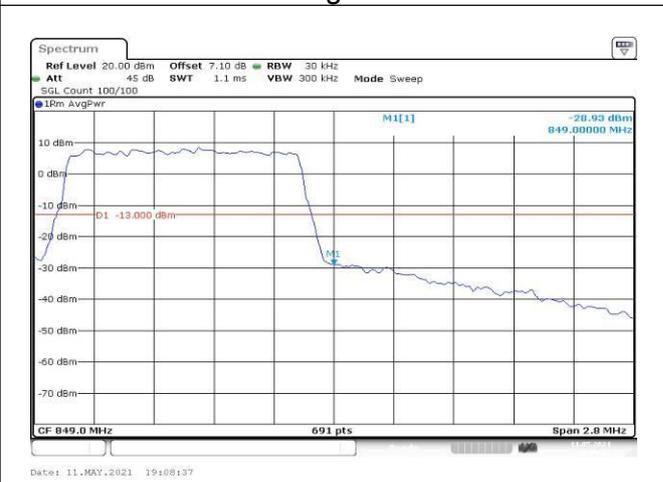
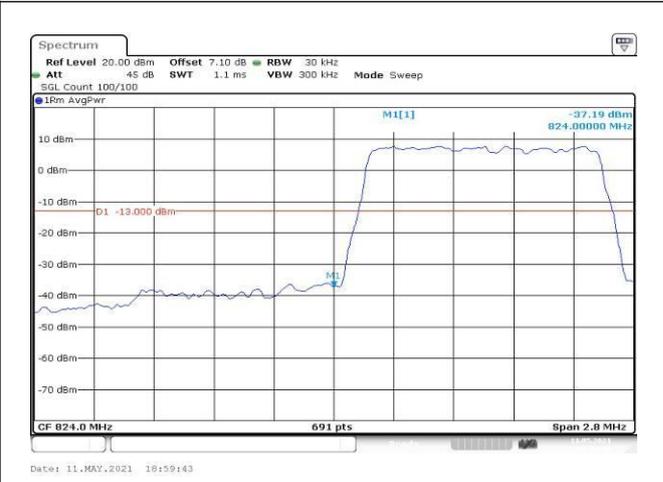
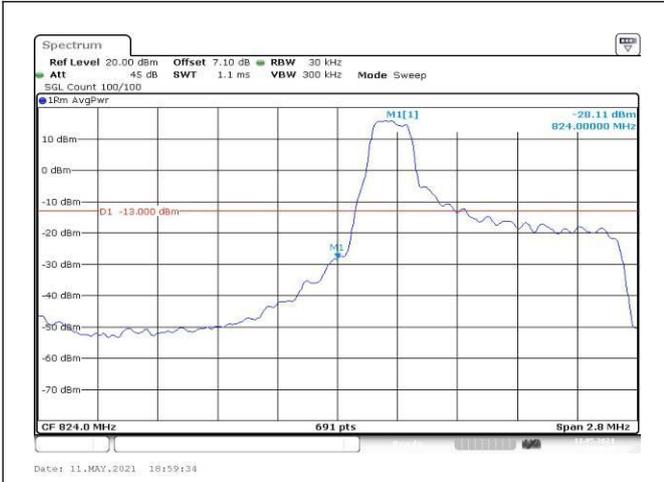




Fig.7



Fig.8

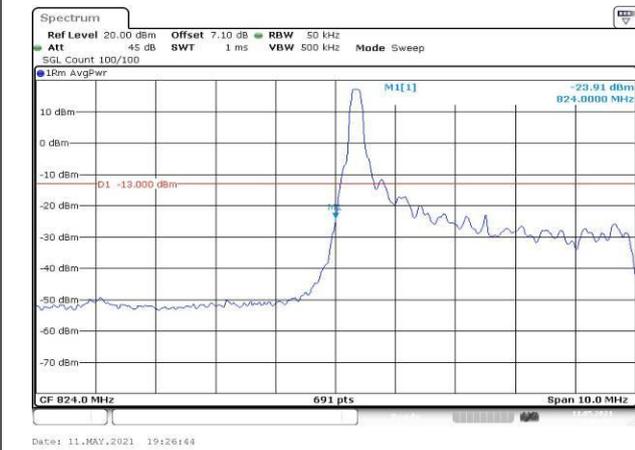


Fig.9

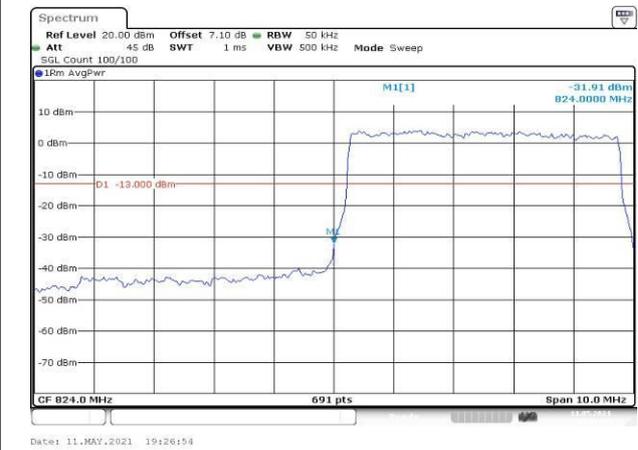


Fig.10

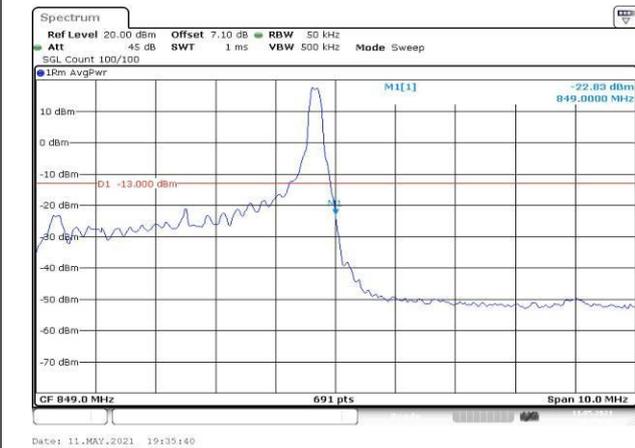


Fig.11



Fig.12

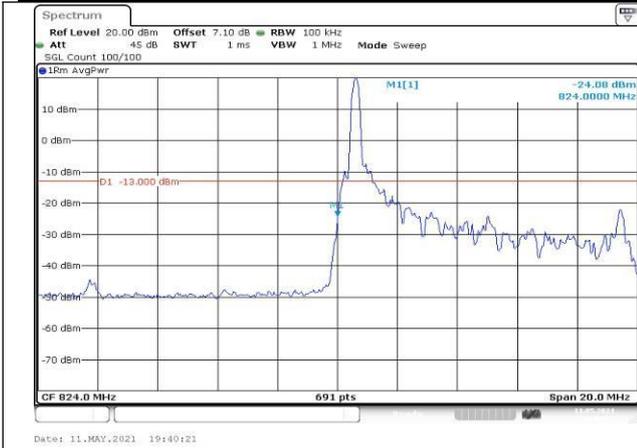


Fig.13

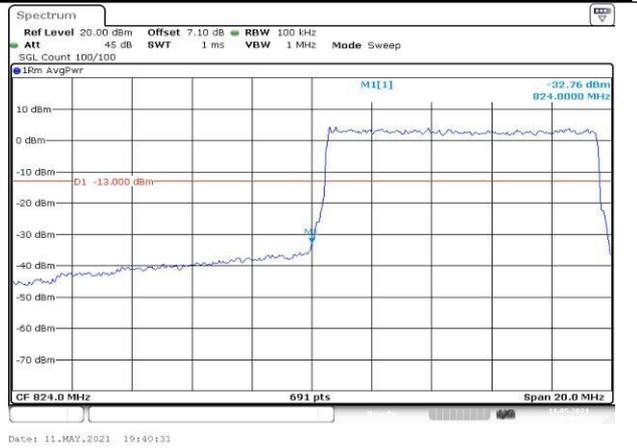


Fig.14

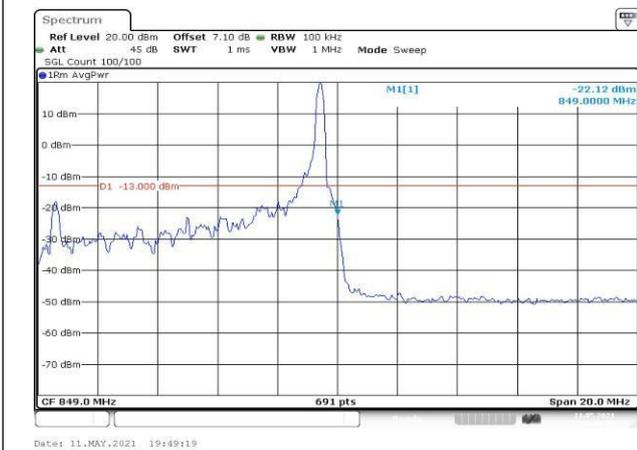


Fig.15

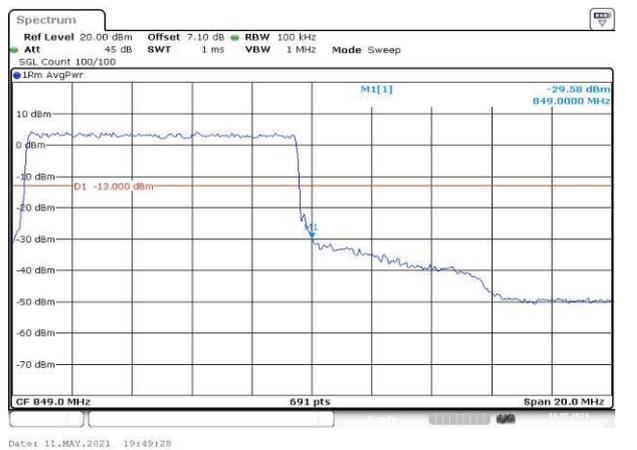


Fig.16

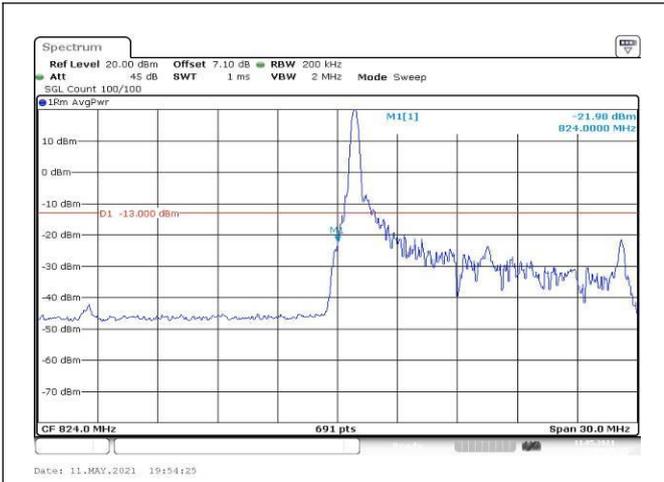


Fig.17

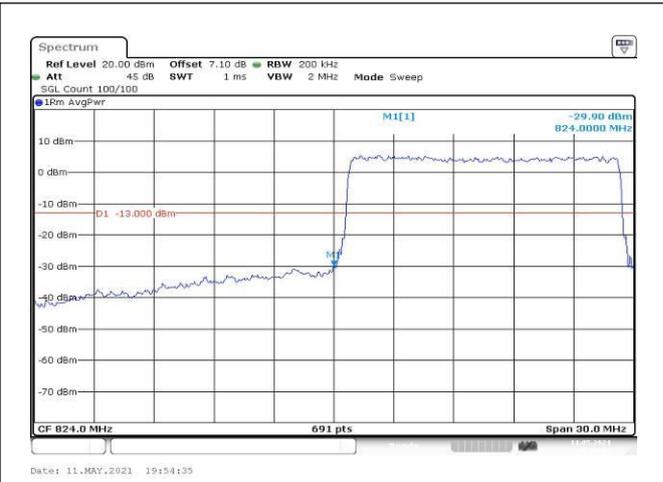


Fig.18

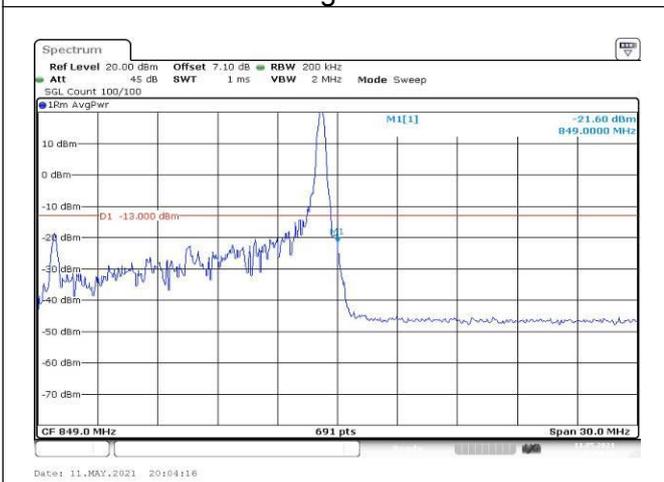


Fig.19

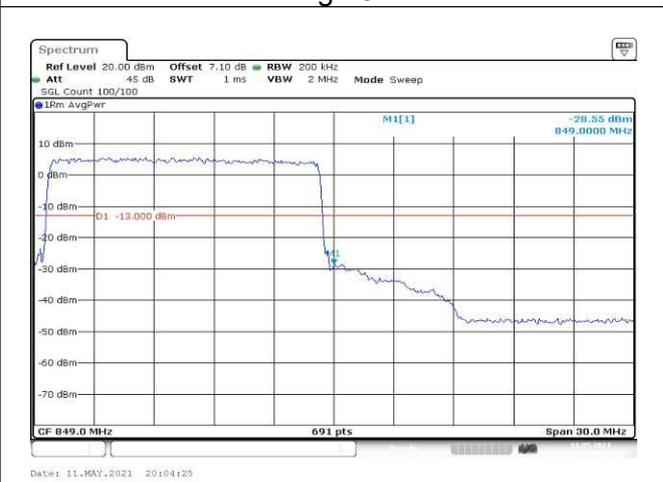


Fig.20

## 7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.016	0.000	0.005	-0.011	-0.013	---
0	NV	0.000	-0.008	-0.002	-0.009	-0.028	---
+10	NV	-0.005	-0.004	-0.030	-0.021	-0.026	---
+20	NV	0.000	0.000	0.000	0.000	0.000	---
+30	NV	-0.011	-0.007	0.001	-0.012	-0.022	---
+40	NV	-0.017	-0.010	0.004	-0.007	-0.011	---
+50	NV	-0.014	-0.006	-0.001	-0.011	-0.013	---
+55	NV	-0.018	-0.011	-0.006	-0.004	-0.008	---
+20	LV	-0.004	-0.017	-0.004	-0.010	-0.014	---
+20	HV	0.003	-0.002	-0.002	-0.009	-0.009	---

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.030	-0.009	-0.026	-0.024	-0.010	---
0	NV	-0.021	-0.024	-0.024	-0.034	-0.017	---
+10	NV	-0.026	-0.037	-0.011	-0.021	-0.032	---
+20	NV	0.000	0.000	0.000	0.000	0.000	---
+30	NV	-0.025	-0.031	-0.019	0.020	-0.023	---
+40	NV	-0.022	-0.026	-0.011	-0.022	0.025	---
+50	NV	-0.022	-0.023	-0.018	-0.019	0.000	---
+55	NV	-0.027	-0.021	-0.012	-0.012	-0.021	---
+20	LV	-0.031	-0.045	-0.038	-0.021	-0.026	---
+20	HV	-0.009	-0.025	-0.008	-0.016	-0.016	---

**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	824.7	26797	1.4	1	0	22.99	15.74	0.037
				1	3	22.93	15.68	0.037
				1	5	22.98	15.73	0.037
				3	0	23.07	15.82	0.038
				3	1	23.09	15.84	0.038
				3	3	23.07	15.82	0.038
	6	0		22.49	15.24	0.033		
	836.5	26915		1	0	23.28	16.03	0.040
				1	3	23.32	16.07	0.040
				1	5	23.43	16.18	0.041
				3	0	23.44	16.19	0.042
				3	1	23.46	16.21	0.042
				3	3	23.45	16.20	0.042
	6	0		22.95	15.70	0.037		
	848.3	27033		1	0	23.23	15.98	0.040
				1	3	23.37	16.12	0.041
				1	5	23.35	16.10	0.041
				3	0	23.11	15.86	0.039
3			1	23.21	15.96	0.039		
3			3	23.20	15.95	0.039		
6		0	22.70	15.45	0.035			
16QAM		824.7	26797	1	0	22.94	15.69	0.037
				1	3	22.97	15.72	0.037
				1	5	22.86	15.61	0.036
				3	0	22.89	15.64	0.037
				3	1	22.89	15.64	0.037
	3			3	22.93	15.68	0.037	
	6	0	21.96	14.71	0.030			
	836.5	26915	1	0	23.33	16.08	0.041	
			1	3	23.27	16.02	0.040	
			1	5	23.27	16.02	0.040	
			3	0	23.01	15.76	0.038	
			3	1	22.98	15.73	0.037	
			3	3	22.98	15.73	0.037	
	6	0	22.32	15.07	0.032			
	848.3	27033	1	0	22.66	15.41	0.035	
			1	3	22.78	15.53	0.036	
			1	5	22.78	15.53	0.036	
			3	0	22.88	15.63	0.037	
3			1	22.97	15.72	0.037		
3			3	22.96	15.71	0.037		
6	0	22.15	14.90	0.031				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	26797	1.4	1	0	21.95	14.70	0.030
				1	3	21.96	14.71	0.030
				1	5	21.95	14.70	0.030
				3	0	22.01	14.76	0.030
				3	1	21.94	14.69	0.029
				3	3	21.94	14.69	0.029
	6	0		21.93	14.68	0.029		
	836.5	26915		1	0	22.32	15.07	0.032
	1	3		22.32	15.07	0.032		
	1	5		22.31	15.06	0.032		
	3	0		22.31	15.06	0.032		
	3	1		22.31	15.06	0.032		
	3	3		22.31	15.06	0.032		
	6	0		22.31	15.06	0.032		
	848.3	27033		1	0	22.05	14.80	0.030
	1	3		22.16	14.91	0.031		
	1	5		22.03	14.78	0.030		
	3	0		22.17	14.92	0.031		
	3	1		21.86	14.61	0.029		
	3	3		21.87	14.62	0.029		
	6	0		21.98	14.73	0.030		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	26805	3	1	0	22.88	15.63	0.037
				1	8	22.96	15.71	0.037
				1	14	22.94	15.69	0.037
				8	0	22.60	15.35	0.034
				8	4	22.57	15.32	0.034
				8	7	22.57	15.32	0.034
	836.5	26915		15	0	22.65	15.40	0.035
				1	0	23.31	16.06	0.040
				1	8	23.24	15.99	0.040
				1	14	23.42	16.17	0.041
				8	0	22.89	15.64	0.037
				8	4	22.86	15.61	0.036
				8	7	22.75	15.50	0.035
				15	0	22.90	15.65	0.037
				847.5	27025	1	0	23.24
1	8	23.35	16.10			0.041		
1	14	23.41	16.16			0.041		
8	0	22.58	15.33			0.034		
8	4	22.67	15.42			0.035		
8	7	22.66	15.41			0.035		
16QAM	825.5	26805	15	0	22.63	15.38	0.035	
			1	0	22.87	15.62	0.036	
			1	8	22.77	15.52	0.036	
			1	14	22.92	15.67	0.037	
			8	0	22.09	14.84	0.030	
			8	4	22.02	14.77	0.030	
	836.5	26915	8	7	22.03	14.78	0.030	
			15	0	21.82	14.57	0.029	
			1	0	23.23	15.98	0.040	
			1	8	23.25	16.00	0.040	
			1	14	23.25	16.00	0.040	
			8	0	22.06	14.81	0.030	
			8	4	22.14	14.89	0.031	
			8	7	22.17	14.92	0.031	
			15	0	22.05	14.80	0.030	
847.5	27025	1	0	22.53	15.28	0.034		
		1	8	22.50	15.25	0.033		
		1	14	22.39	15.14	0.033		
		8	0	21.98	14.73	0.030		
		8	4	22.02	14.77	0.030		
		8	7	22.05	14.80	0.030		
15	0	21.78	14.53	0.028				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	26805	3	1	0	21.83	14.58	0.029
				1	8	21.84	14.59	0.029
				1	14	21.84	14.59	0.029
				8	0	21.84	14.59	0.029
				8	4	21.84	14.59	0.029
				8	7	21.83	14.58	0.029
				15	0	21.85	14.60	0.029
	836.5	26915		1	0	22.05	14.80	0.030
				1	8	22.05	14.80	0.030
				1	14	22.05	14.80	0.030
				8	0	22.05	14.80	0.030
				8	4	22.05	14.80	0.030
				8	7	22.03	14.78	0.030
				15	0	22.04	14.79	0.030
	847.5	27025		1	0	21.78	14.53	0.028
				1	8	21.78	14.53	0.028
				1	14	21.78	14.53	0.028
				8	0	21.78	14.53	0.028
				8	4	21.78	14.53	0.028
				8	7	21.78	14.53	0.028
				15	0	21.78	14.53	0.028

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	26815	5	1	0	23.05	15.80	0.038
				1	12	23.04	15.79	0.038
				1	24	22.91	15.66	0.037
				12	0	22.66	15.41	0.035
				12	7	22.56	15.31	0.034
				12	13	22.56	15.31	0.034
				25	0	22.49	15.24	0.033
	836.5	26915		1	0	23.47	16.22	0.042
				1	12	23.48	16.23	0.042
				1	24	23.58	16.33	0.043
				12	0	22.78	15.53	0.036
				12	7	22.90	15.65	0.037
				12	13	22.90	15.65	0.037
				25	0	22.84	15.59	0.036
	846.5	27015		1	0	22.89	15.64	0.037
				1	12	23.09	15.84	0.038
				1	24	23.08	15.83	0.038
				12	0	22.72	15.47	0.035
				12	7	22.73	15.48	0.035
				12	13	22.73	15.48	0.035
				25	0	22.69	15.44	0.035
16QAM	826.5	26815	1	0	21.97	14.72	0.030	
			1	12	21.84	14.59	0.029	
			1	24	21.82	14.57	0.029	
			12	0	21.77	14.52	0.028	
			12	7	21.76	14.51	0.028	
			12	13	21.75	14.50	0.028	
			25	0	21.87	14.62	0.029	
	836.5	26915	1	0	22.85	15.60	0.036	
			1	12	22.95	15.70	0.037	
			1	24	22.95	15.70	0.037	
			12	0	21.87	14.62	0.029	
			12	7	21.90	14.65	0.029	
			12	13	21.96	14.71	0.030	
			25	0	22.12	14.87	0.031	
	846.5	27015	1	0	22.72	15.47	0.035	
			1	12	22.81	15.56	0.036	
			1	24	22.91	15.66	0.037	
			12	0	21.85	14.60	0.029	
			12	7	21.87	14.62	0.029	
			12	13	21.83	14.58	0.029	
			25	0	21.89	14.64	0.029	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	26815	5	1	0	21.76	14.51	0.028
				1	12	21.88	14.63	0.029
				1	24	21.87	14.62	0.029
				12	0	21.82	14.57	0.029
				12	7	21.82	14.57	0.029
				12	13	21.87	14.62	0.029
				25	0	21.71	14.46	0.028
	836.5	26915		1	0	21.92	14.67	0.029
				1	12	22.08	14.83	0.030
				1	24	22.07	14.82	0.030
				12	0	22.08	14.83	0.030
				12	7	22.08	14.83	0.030
				12	13	22.07	14.82	0.030
				25	0	22.08	14.83	0.030
	846.5	27015		1	0	21.67	14.42	0.028
				1	12	21.68	14.43	0.028
				1	24	21.68	14.43	0.028
				12	0	21.68	14.43	0.028
				12	7	21.68	14.43	0.028
				12	13	21.69	14.44	0.028
				25	0	21.68	14.43	0.028

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	26840	10	1	0	23.07	15.82	0.038
				1	25	23.14	15.89	0.039
				1	49	23.38	16.13	0.041
				25	0	22.62	15.37	0.034
				25	12	22.81	15.56	0.036
				25	25	22.80	15.55	0.036
				50	0	22.61	15.36	0.034
	836.5	26915		1	0	23.29	16.04	0.040
				1	25	23.49	16.24	0.042
				1	49	23.48	16.23	0.042
				25	0	22.86	15.61	0.036
				25	12	22.84	15.59	0.036
				25	25	22.84	15.59	0.036
				50	0	22.96	15.71	0.037
	844	26990		1	0	23.45	16.20	0.042
				1	25	23.18	15.93	0.039
				1	49	23.27	16.02	0.040
				25	0	22.98	15.73	0.037
				25	12	22.73	15.48	0.035
				25	25	22.72	15.47	0.035
				50	0	22.86	15.61	0.036
16QAM	829	26840	1	0	23.19	15.94	0.039	
			1	25	22.38	15.13	0.033	
			1	49	22.47	15.22	0.033	
			25	0	21.82	14.57	0.029	
			25	12	22.10	14.85	0.031	
			25	25	22.09	14.84	0.030	
			50	0	21.67	14.42	0.028	
	836.5	26915	1	0	22.70	15.45	0.035	
			1	25	22.86	15.61	0.036	
			1	49	22.86	15.61	0.036	
			25	0	22.02	14.77	0.030	
			25	12	22.15	14.90	0.031	
			25	25	22.20	14.95	0.031	
			50	0	22.19	14.94	0.031	
	844	26990	1	0	22.82	15.57	0.036	
			1	25	22.62	15.37	0.034	
			1	49	22.62	15.37	0.034	
			25	0	22.26	15.01	0.032	
			25	12	21.98	14.73	0.030	
			25	25	22.01	14.76	0.030	
			50	0	22.13	14.88	0.031	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	26840	10	1	0	21.68	14.43	0.028
				1	25	21.68	14.43	0.028
				1	49	21.68	14.43	0.028
				25	0	21.68	14.43	0.028
				25	12	21.83	14.58	0.029
				25	25	21.68	14.43	0.028
				50	0	21.68	14.43	0.028
	836.5	26915		1	0	22.14	14.89	0.031
				1	25	22.24	14.99	0.032
				1	49	22.19	14.94	0.031
				25	0	22.02	14.77	0.030
				25	12	22.19	14.94	0.031
				25	25	22.19	14.94	0.031
				50	0	22.10	14.85	0.031
	844	26990		1	0	22.08	14.83	0.030
				1	25	22.24	14.99	0.032
				1	49	22.13	14.88	0.031
				25	0	22.24	14.99	0.032
				25	12	22.13	14.88	0.031
				25	25	22.08	14.83	0.030
				50	0	22.08	14.83	0.030

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	831.5	26865	15	1	0	23.07	15.82	0.038
				1	37	23.39	16.14	0.041
				1	74	23.01	15.76	0.038
				36	0	22.58	15.33	0.034
				36	29	22.77	15.52	0.036
				36	30	22.76	15.51	0.036
				75	0	22.88	15.63	0.037
	836.5	26915		1	0	23.10	15.85	0.038
				1	37	23.44	16.19	0.042
				1	74	23.43	16.18	0.041
				36	0	22.86	15.61	0.036
				36	29	22.87	15.62	0.036
				36	30	22.86	15.61	0.036
				75	0	22.93	15.68	0.037
	841.5	26965		1	0	23.21	15.96	0.039
				1	37	23.10	15.85	0.038
				1	74	23.19	15.94	0.039
				36	0	22.86	15.61	0.036
				36	29	22.66	15.41	0.035
				36	30	22.65	15.40	0.035
				75	0	22.91	15.66	0.037
16QAM	831.5	26865	1	0	23.20	15.95	0.039	
			1	37	23.22	15.97	0.040	
			1	74	23.26	16.01	0.040	
			36	0	21.75	14.50	0.028	
			36	29	21.93	14.68	0.029	
			36	30	21.92	14.67	0.029	
			75	0	21.99	14.74	0.030	
	836.5	26915	1	0	22.45	15.20	0.033	
			1	37	22.86	15.61	0.037	
			1	74	22.85	15.60	0.037	
			36	0	22.02	14.77	0.030	
			36	29	22.09	14.84	0.030	
			36	30	22.10	14.85	0.031	
			75	0	22.11	14.86	0.031	
	841.5	26965	1	0	22.45	15.20	0.033	
			1	37	22.31	15.06	0.032	
			1	74	22.29	15.04	0.032	
			36	0	22.12	14.87	0.031	
			36	29	21.77	14.52	0.028	
			36	30	21.78	14.53	0.028	
			75	0	22.06	14.81	0.030	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	831.5	26865	15	1	0	22.06	14.81	0.030
				1	37	22.06	14.81	0.030
				1	74	22.06	14.81	0.030
				36	0	22.06	14.81	0.030
				36	29	22.06	14.81	0.030
				36	30	22.06	14.81	0.030
				75	0	22.05	14.80	0.030
	836.5	26915		1	0	22.11	14.86	0.031
				1	37	22.11	14.86	0.031
				1	74	22.11	14.86	0.031
				36	0	22.11	14.86	0.031
				36	29	22.11	14.86	0.031
				36	30	22.11	14.86	0.031
				75	0	22.11	14.86	0.031
	841.5	26965		1	0	22.06	14.81	0.030
				1	37	22.06	14.81	0.030
				1	74	22.11	14.86	0.031
				36	0	22.12	14.87	0.031
				36	29	22.06	14.81	0.030
				36	30	22.04	14.79	0.030
				75	0	22.05	14.80	0.030