



Fig.79

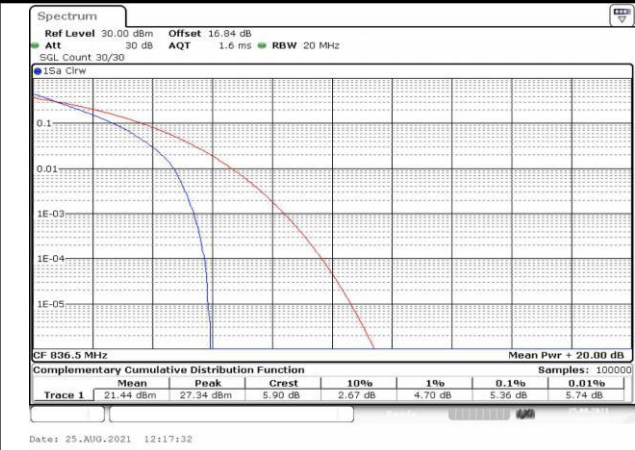


Fig.80

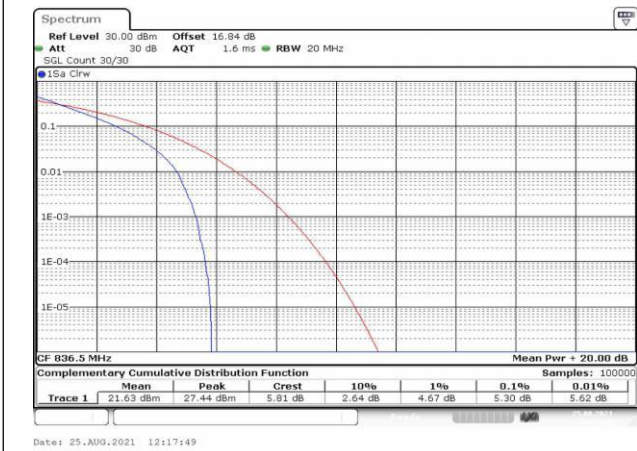


Fig.81

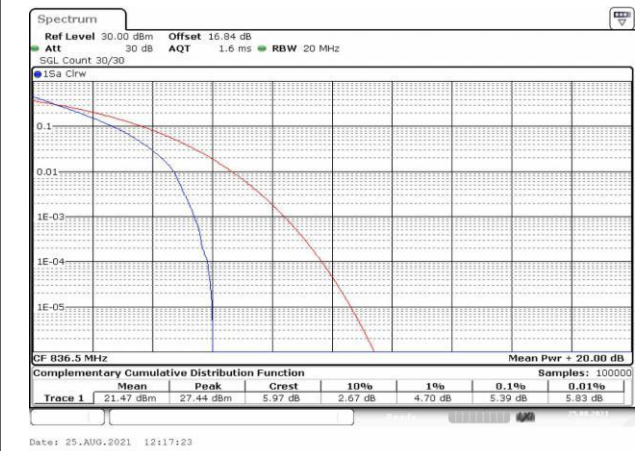


Fig.82

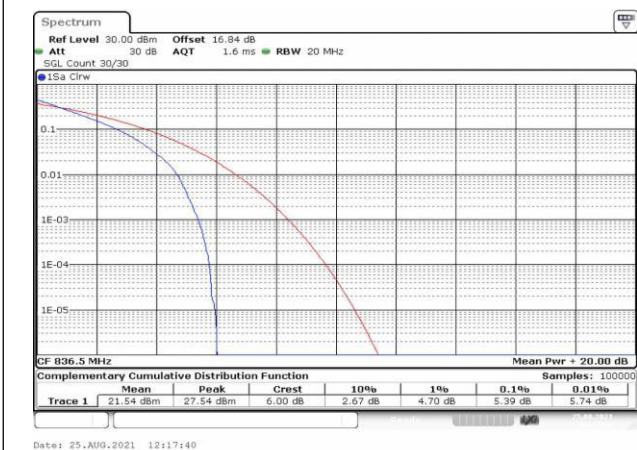


Fig.83

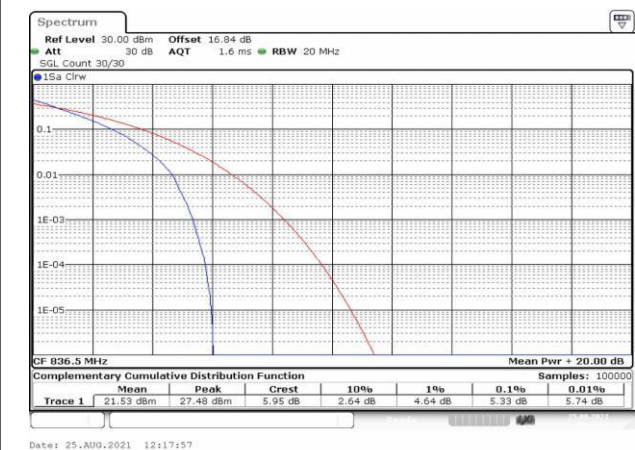


Fig.84



Fig.85



Fig.86

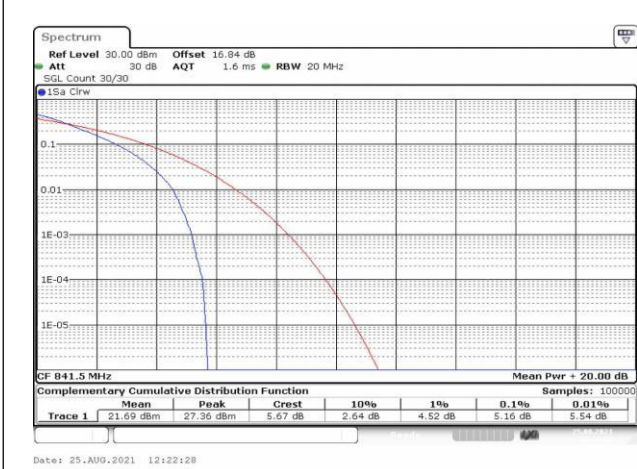


Fig.87

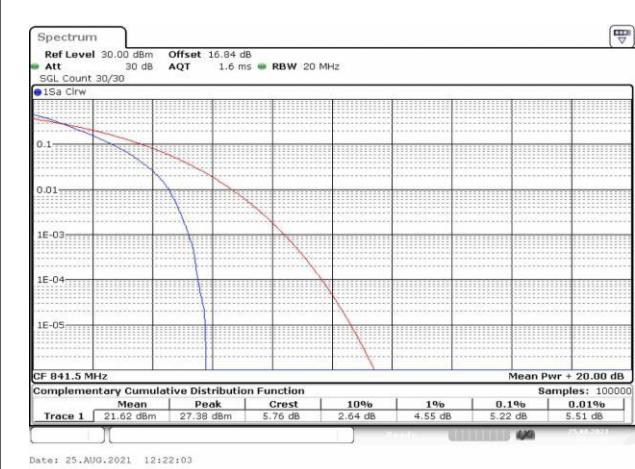


Fig.88

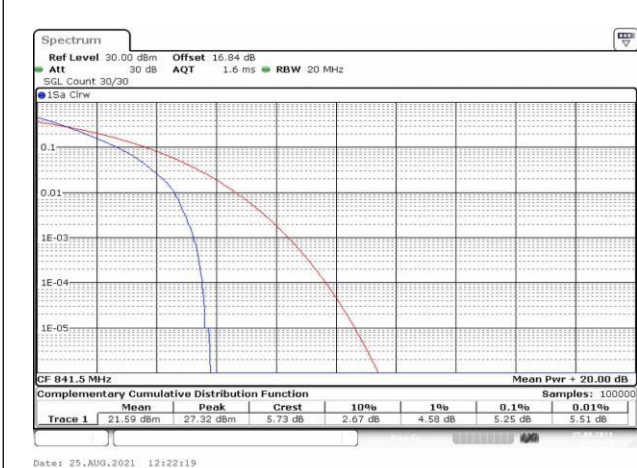


Fig.89

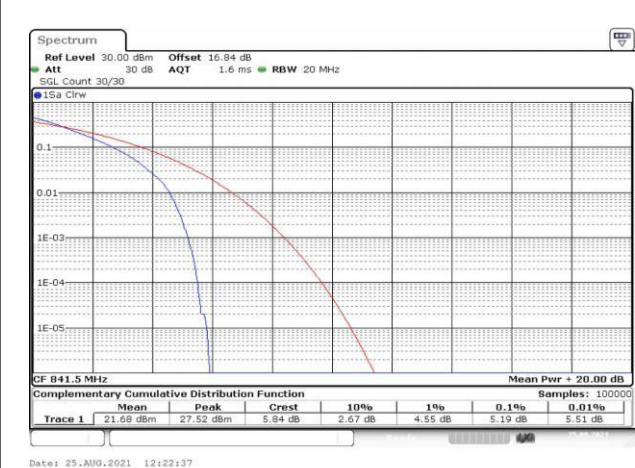


Fig.90

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

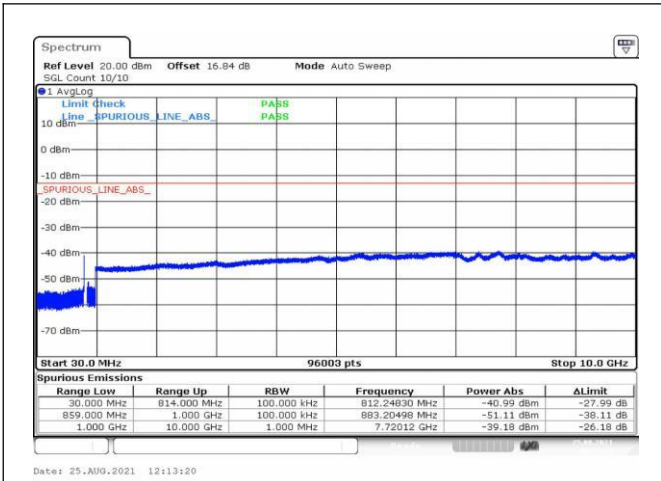


Fig.1

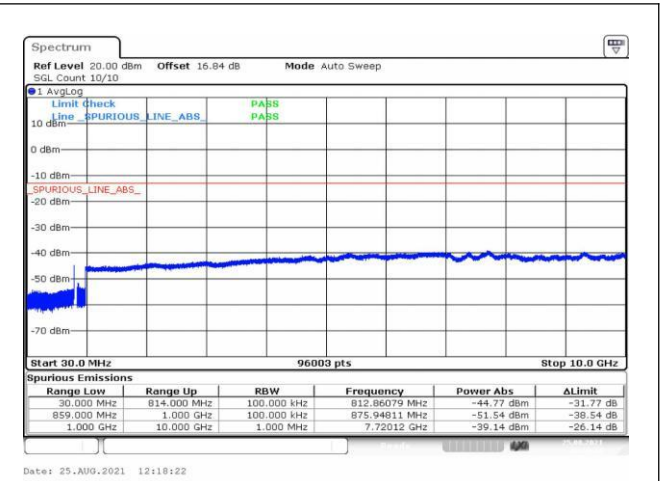


Fig.2

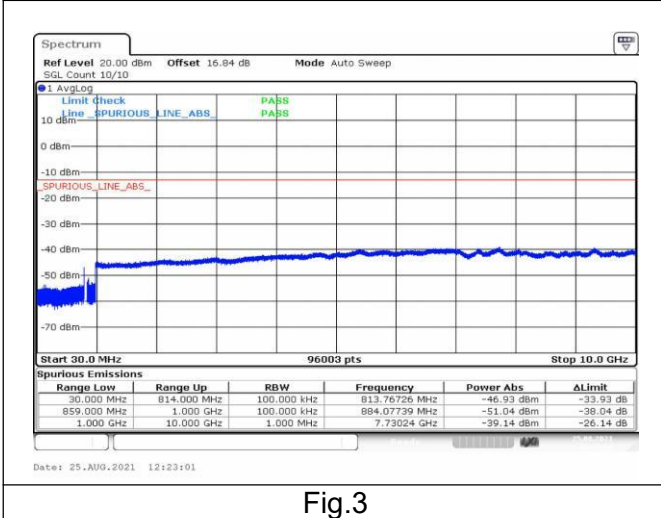
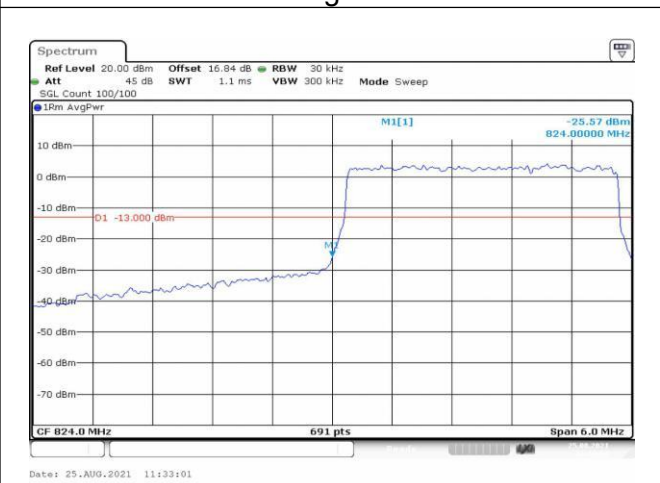
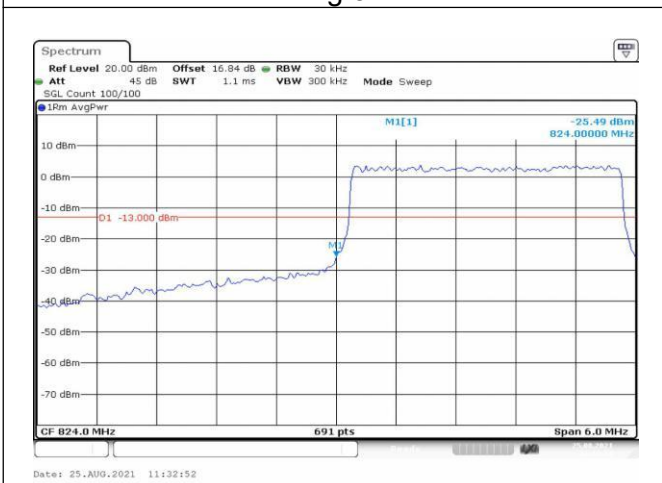
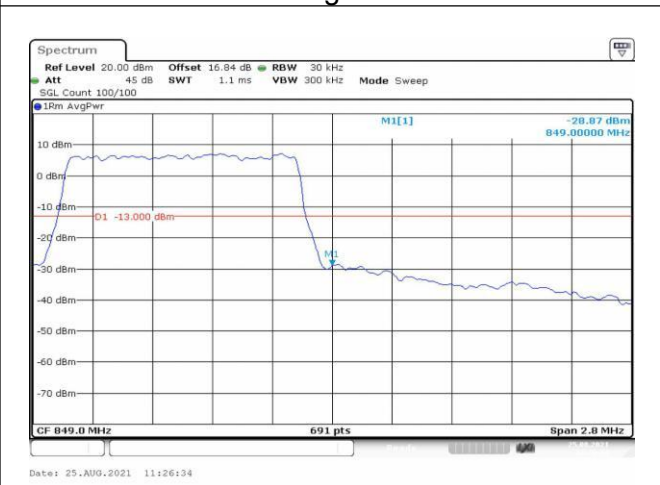
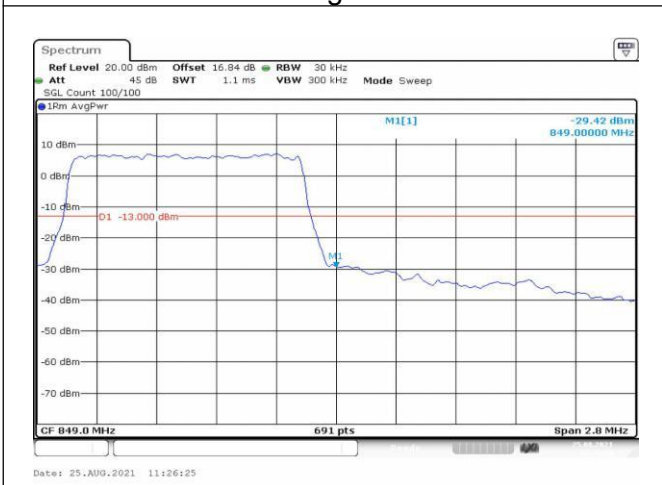
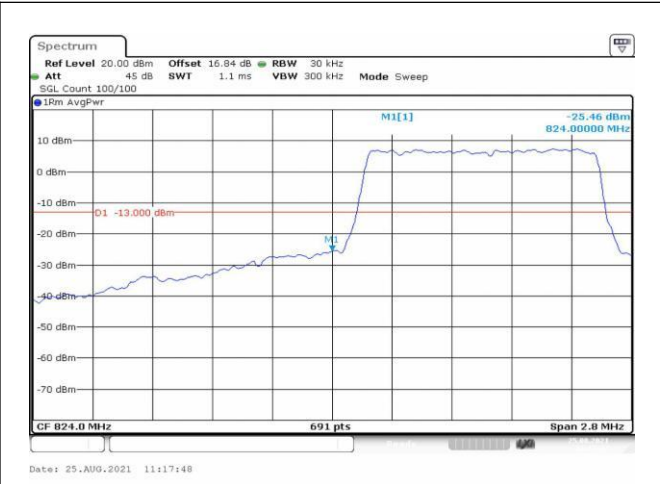
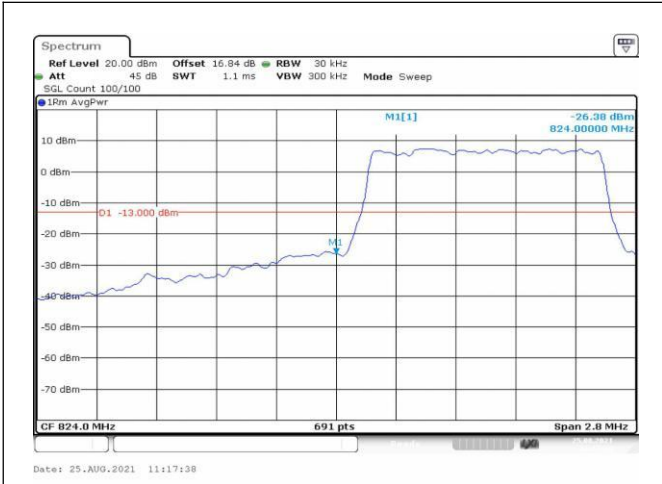


Fig.3

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



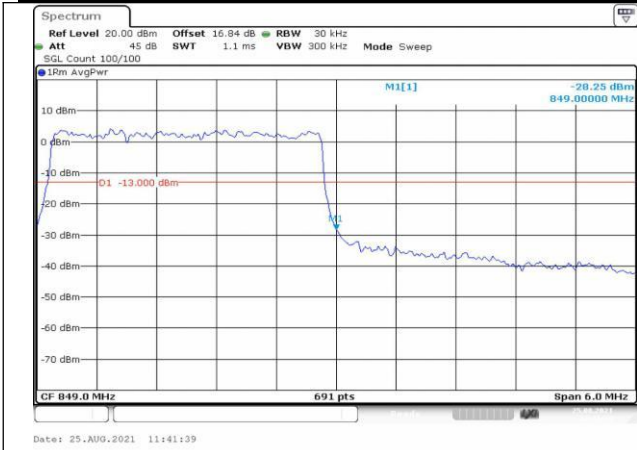


Fig.7



Fig.8

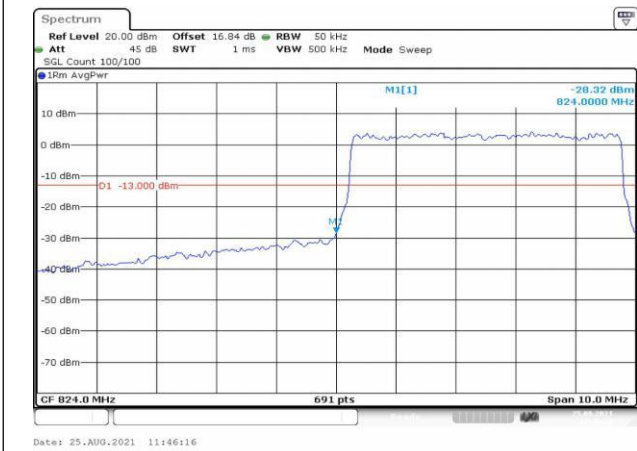


Fig.9

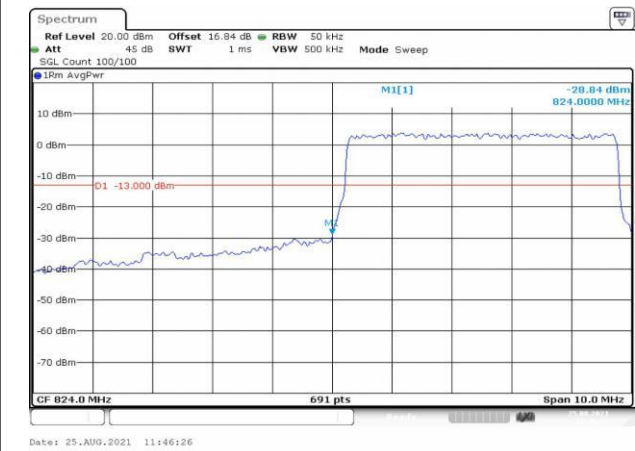


Fig.10

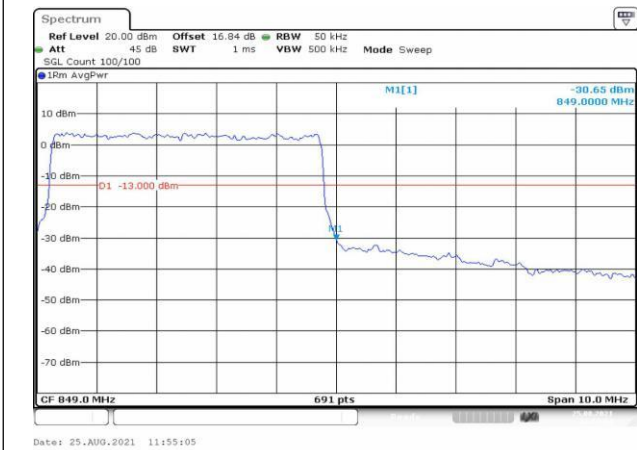


Fig.11

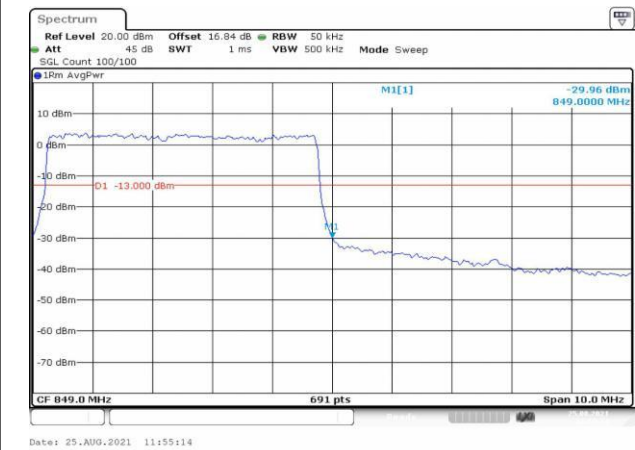


Fig.12

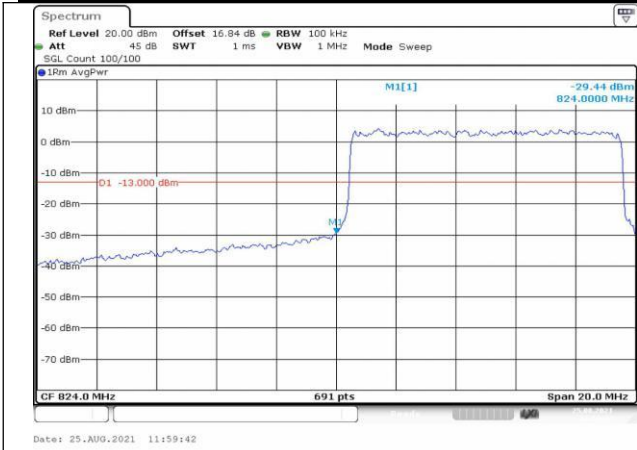


Fig.13

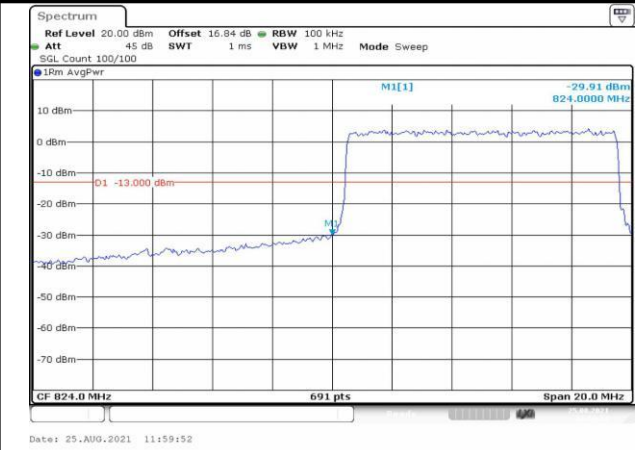


Fig.14

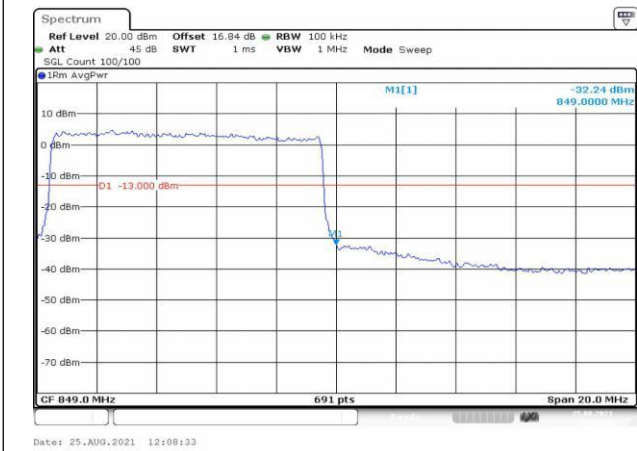


Fig.15

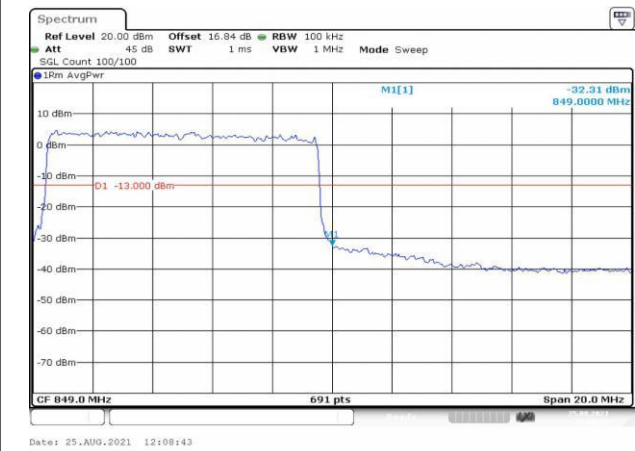


Fig.16

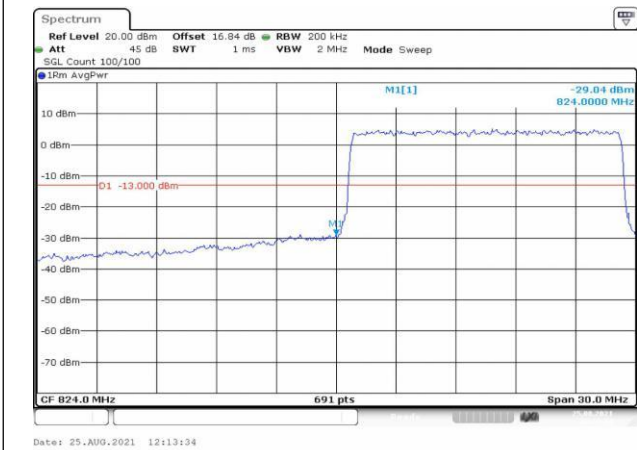


Fig.17

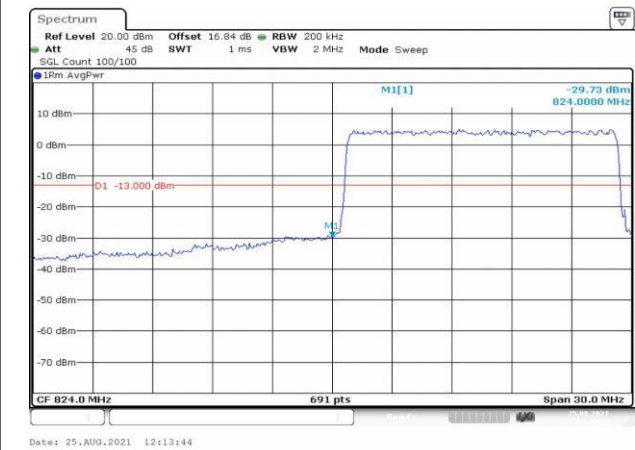


Fig.18



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
-20	NV	-0.029	0.002	0.001	0.001	0.000	---
-10	NV	0.012	0.002	0.001	0.001	0.003	---
0	NV	0.022	0.005	0.003	0.003	0.001	---
+10	NV	0.000	0.000	0.003	0.000	0.003	---
+20	NV	0.001	-0.001	0.003	0.002	0.001	---
+30	NV	0.010	0.001	0.002	0.000	0.000	---
+40	NV	0.003	0.000	0.004	0.000	-0.001	---
+50	NV	-0.011	0.003	0.001	-0.003	0.001	---
+20	LV	0.001	0.006	0.000	-0.001	-0.002	---
+20	HV	-0.002	0.001	0.004	-0.001	-0.001	---

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.018	0.003	0.003	0.001	0.001	---
-10	NV	0.006	0.001	0.001	-0.001	0.001	---
0	NV	0.005	0.003	0.001	0.000	0.001	---
+10	NV	0.016	0.005	0.003	0.003	0.000	---
+20	NV	-0.006	0.000	0.001	-0.002	0.001	---
+30	NV	-0.010	0.003	0.001	0.001	0.000	---
+40	NV	-0.010	0.001	0.002	-0.002	-0.001	---
+50	NV	-0.007	0.001	0.000	-0.001	-0.001	---
+20	LV	-0.007	0.003	0.000	0.000	0.001	---
+20	HV	0.003	0.003	0.001	0.000	0.000	---

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	23.94	18.49	0.071
				1	3	24.06	18.61	0.073
				1	5	23.95	18.50	0.071
				3	0	23.84	18.39	0.069
				3	1	23.90	18.45	0.070
				3	3	23.88	18.43	0.070
	6	0		22.96	17.51	0.056		
	1	0		23.97	18.52	0.071		
	1	3		23.93	18.48	0.070		
	1	5		24.20	18.75	0.075		
	3	0		24.01	18.56	0.072		
	3	1		24.02	18.57	0.072		
	3	3		23.94	18.49	0.071		
	6	0		23.07	17.62	0.058		
	1	0		23.54	18.09	0.064		
	1	3		23.53	18.08	0.064		
	1	5		23.42	17.97	0.063		
	3	0		23.48	18.03	0.064		
3	1	23.49	18.04	0.064				
3	3	23.40	17.95	0.062				
6	0	22.46	17.01	0.050				
16QAM	824.7	26797	1	0	23.28	17.83	0.061	
			1	3	23.42	17.97	0.063	
			1	5	23.30	17.85	0.061	
			3	0	22.83	17.38	0.055	
			3	1	22.91	17.46	0.056	
			3	3	22.91	17.46	0.056	
	6	0	22.05	16.60	0.046			
	1	0	23.29	17.84	0.061			
	1	3	23.25	17.80	0.060			
	1	5	23.16	17.71	0.059			
	3	0	23.14	17.69	0.059			
	3	1	23.17	17.72	0.059			
	3	3	23.15	17.70	0.059			
	6	0	22.22	16.77	0.048			
	1	0	22.70	17.25	0.053			
	1	3	22.73	17.28	0.053			
	1	5	22.64	17.19	0.052			
	3	0	22.45	17.00	0.050			
3	1	22.49	17.04	0.051				
3	3	22.39	16.94	0.049				
6	0	21.54	16.09	0.041				

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	22.11	16.66	0.046
				1	3	21.77	16.32	0.043
				1	5	21.84	16.39	0.044
				3	0	21.80	16.35	0.043
				3	1	22.09	16.64	0.046
				3	3	21.80	16.35	0.043
	6	0		21.03	15.58	0.036		
	836.5	26915		1	0	22.53	17.08	0.051
	1			3	22.64	17.19	0.052	
	1			5	22.63	17.18	0.052	
	3			0	22.25	16.80	0.048	
	3			1	22.35	16.90	0.049	
	3			3	22.21	16.76	0.047	
	6	0		21.14	15.69	0.037		
	848.3	27033		1	0	20.35	14.90	0.031
	1			3	20.35	14.90	0.031	
	1			5	20.28	14.83	0.030	
	3			0	20.58	15.13	0.033	
	3			1	20.62	15.17	0.033	
	3			3	20.56	15.11	0.032	
	6	0		19.51	14.06	0.025		

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	23.98	18.53	0.071
				1	8	24.11	18.66	0.073
				1	14	24.01	18.56	0.072
				8	0	23.15	17.70	0.059
				8	4	23.22	17.77	0.060
				8	7	23.13	17.68	0.059
	836.5	26915		15	0	23.14	17.69	0.059
				1	0	24.24	18.79	0.076
				1	8	24.22	18.77	0.075
				1	14	24.17	18.72	0.074
				8	0	23.20	17.75	0.060
				8	4	23.06	17.61	0.058
				8	7	23.26	17.81	0.060
				15	0	23.16	17.71	0.059
				847.5	27025	1	0	23.91
1	8	23.66	18.21			0.066		
1	14	23.48	18.03			0.064		
8	0	22.73	17.28			0.053		
8	4	22.61	17.16			0.052		
8	7	22.49	17.04			0.051		
16QAM	825.5	26805	15	0	22.62	17.17	0.052	
			1	0	23.73	18.28	0.067	
			1	8	23.78	18.33	0.068	
			1	14	23.63	18.18	0.066	
			8	0	22.37	16.92	0.049	
			8	4	22.12	16.67	0.046	
	836.5	26915	8	7	22.17	16.72	0.047	
			15	0	22.17	16.72	0.047	
			1	0	23.39	17.94	0.062	
			1	8	23.61	18.16	0.065	
			1	14	23.37	17.92	0.062	
			8	0	22.19	16.74	0.047	
			8	4	22.13	16.68	0.047	
			8	7	22.21	16.76	0.047	
			15	0	22.16	16.71	0.047	
847.5	27025	1	0	23.07	17.62	0.058		
		1	8	22.82	17.37	0.055		
		1	14	22.67	17.22	0.053		
		8	0	21.72	16.27	0.042		
		8	4	21.61	16.16	0.041		
		8	7	21.52	16.07	0.040		
15	0	21.64	16.19	0.042				

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	22.30	16.85	0.048
				1	8	22.33	16.88	0.049
				1	14	22.34	16.89	0.049
				8	0	21.34	15.89	0.039
				8	4	21.37	15.92	0.039
				8	7	21.25	15.80	0.038
	836.5	26915		15	0	21.15	15.70	0.037
				1	0	21.81	16.36	0.043
				1	8	21.97	16.52	0.045
				1	14	21.88	16.43	0.044
				8	0	21.09	15.64	0.037
				8	4	21.09	15.64	0.037
	847.5	27025		8	7	21.16	15.71	0.037
				15	0	21.32	15.87	0.039
				1	0	20.60	15.15	0.033
				1	8	20.34	14.89	0.031
				1	14	20.19	14.74	0.030
				8	0	19.72	14.27	0.027
			8	4	19.60	14.15	0.026	
			8	7	19.51	14.06	0.025	
			15	0	19.68	14.23	0.026	

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	23.98	18.53	0.071
				1	12	23.96	18.51	0.071
				1	24	24.05	18.60	0.072
				12	0	23.16	17.71	0.059
				12	7	23.17	17.72	0.059
				12	13	23.14	17.69	0.059
	836.5	26915		25	0	23.02	17.57	0.057
				1	0	24.21	18.76	0.075
				1	12	24.03	18.58	0.072
				1	24	24.09	18.64	0.073
				12	0	23.11	17.66	0.058
				12	7	23.12	17.67	0.058
				12	13	23.14	17.69	0.059
				25	0	23.10	17.65	0.058
				846.5	27015	1	0	24.20
1	12	23.75	18.30			0.068		
1	24	23.47	18.02			0.063		
12	0	23.14	17.69			0.059		
12	7	22.83	17.38			0.055		
12	13	22.59	17.14			0.052		
16QAM	826.5	26815	25	0	22.87	17.42	0.055	
			1	0	23.53	18.08	0.064	
			1	12	23.56	18.11	0.065	
			1	24	23.60	18.15	0.065	
			12	0	22.01	16.56	0.045	
			12	7	22.12	16.67	0.046	
	836.5	26915	12	13	21.94	16.49	0.045	
			25	0	22.05	16.60	0.046	
			1	0	23.43	17.98	0.063	
			1	12	23.38	17.93	0.062	
			1	24	23.24	17.79	0.060	
			12	0	22.19	16.74	0.047	
			12	7	22.11	16.66	0.046	
			12	13	22.17	16.72	0.047	
			25	0	22.17	16.72	0.047	
846.5	27015	1	0	23.78	18.33	0.068		
		1	12	23.21	17.76	0.060		
		1	24	22.95	17.50	0.056		
		12	0	22.12	16.67	0.046		
		12	7	21.81	16.36	0.043		
		12	13	21.56	16.11	0.041		
25	0	21.86	16.41	0.044				

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	22.36	16.91	0.049
				1	12	22.66	17.21	0.053
				1	24	22.38	16.93	0.049
				12	0	21.20	15.75	0.038
				12	7	21.16	15.71	0.037
				12	13	21.15	15.70	0.037
				25	0	21.07	15.62	0.036
	836.5	26915		1	0	21.79	16.34	0.043
				1	12	22.28	16.83	0.048
				1	24	22.21	16.76	0.047
				12	0	21.11	15.66	0.037
				12	7	21.18	15.73	0.037
				12	13	21.29	15.84	0.038
				25	0	21.07	15.62	0.036
	846.5	27015		1	0	21.66	16.21	0.042
				1	12	21.07	15.62	0.036
				1	24	20.76	15.31	0.034
				12	0	20.26	14.81	0.030
				12	7	19.92	14.47	0.028
				12	13	19.67	14.22	0.026
				25	0	19.94	14.49	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	23.94	18.49	0.071
				1	25	24.08	18.63	0.073
				1	49	24.17	18.72	0.074
				25	0	23.03	17.58	0.057
				25	12	23.17	17.72	0.059
				25	25	23.14	17.69	0.059
	836.5	26915		50	0	23.16	17.71	0.059
				1	0	24.21	18.76	0.075
				1	25	24.21	18.76	0.075
				1	49	24.29	18.84	0.077
				25	0	23.17	17.72	0.059
				25	12	23.17	17.72	0.059
	844	26990		25	25	23.23	17.78	0.060
				50	0	23.09	17.64	0.058
				1	0	24.28	18.83	0.076
				1	25	24.16	18.71	0.074
				1	49	23.52	18.07	0.064
				25	0	23.20	17.75	0.060
16QAM	829	26840	25	12	23.21	17.76	0.060	
			25	25	22.84	17.39	0.055	
			50	0	23.20	17.75	0.060	
			1	0	24.07	18.62	0.073	
			1	25	23.98	18.53	0.071	
			1	49	24.06	18.61	0.073	
	836.5	26915	25	0	22.07	16.62	0.046	
			25	12	22.28	16.83	0.048	
			25	25	22.18	16.73	0.047	
			50	0	22.22	16.77	0.048	
			1	0	23.36	17.91	0.062	
			1	25	23.42	17.97	0.063	
	844	26990	1	49	23.33	17.88	0.061	
			25	0	22.16	16.71	0.047	
			25	12	22.22	16.77	0.048	
			25	25	22.24	16.79	0.048	
			50	0	22.11	16.66	0.046	
			1	0	23.53	18.08	0.064	
			1	25	23.40	17.95	0.062	
			1	49	22.67	17.22	0.053	
			25	0	22.24	16.79	0.048	
			25	12	22.28	16.83	0.048	
			25	25	21.90	16.45	0.044	
			50	0	22.17	16.72	0.047	

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	22.75	17.30	0.054
				1	25	22.63	17.18	0.052
				1	49	22.82	17.37	0.055
				25	0	21.03	15.58	0.036
				25	12	21.25	15.80	0.038
				25	25	21.20	15.75	0.038
				50	0	21.28	15.83	0.038
	836.5	26915		1	0	22.12	16.67	0.046
				1	25	22.14	16.69	0.047
				1	49	21.72	16.27	0.042
				25	0	21.26	15.81	0.038
				25	12	21.14	15.69	0.037
				25	25	21.32	15.87	0.039
				50	0	21.21	15.76	0.038
	844	26990		1	0	21.60	16.15	0.041
				1	25	21.12	15.67	0.037
				1	49	20.17	14.72	0.030
				25	0	20.82	15.37	0.034
				25	12	20.55	15.10	0.032
				25	25	19.91	14.46	0.028
				50	0	20.40	14.95	0.031

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	23.97	18.52	0.071
				1	37	23.83	18.38	0.069
				1	74	23.85	18.40	0.069
				36	0	22.96	17.51	0.056
				36	29	23.03	17.58	0.057
				36	30	23.04	17.59	0.057
	75	0		23.04	17.59	0.057		
	1	0		24.14	18.69	0.074		
	1	37		24.10	18.65	0.073		
	1	74		24.03	18.58	0.072		
	36	0		23.02	17.57	0.057		
	36	29		23.07	17.62	0.058		
	36	30		23.07	17.62	0.058		
	75	0		22.98	17.53	0.057		
	1	0		23.89	18.44	0.070		
	1	37		23.89	18.44	0.070		
	1	74		23.86	18.41	0.069		
	36	0		23.02	17.57	0.057		
36	29	23.15	17.70	0.059				
36	30	23.12	17.67	0.058				
75	0	23.05	17.60	0.058				
16QAM	831.5	26865	15	1	0	23.66	18.21	0.066
				1	37	23.62	18.17	0.066
				1	74	23.69	18.24	0.067
				36	0	21.95	16.50	0.045
				36	29	22.08	16.63	0.046
				36	30	22.09	16.64	0.046
	75	0		22.08	16.63	0.046		
	1	0		23.25	17.80	0.060		
	1	37		23.37	17.92	0.062		
	1	74		23.30	17.85	0.061		
	36	0		21.97	16.52	0.045		
	36	29		22.13	16.68	0.047		
	36	30		22.12	16.67	0.046		
	75	0		22.03	16.58	0.045		
	1	0		23.60	18.15	0.065		
	1	37		23.52	18.07	0.064		
	1	74		23.47	18.02	0.063		
	36	0		22.06	16.61	0.046		
36	29	22.11	16.66	0.046				
36	30	22.19	16.74	0.047				
75	0	22.05	16.60	0.046				

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	22.50	17.05	0.051
				1	37	22.52	17.07	0.051
				1	74	22.22	16.77	0.048
				36	0	21.01	15.56	0.036
				36	29	21.08	15.63	0.037
				36	30	21.01	15.56	0.036
				75	0	21.06	15.61	0.036
	836.5	26915		1	0	21.85	16.40	0.044
				1	37	21.97	16.52	0.045
				1	74	21.76	16.31	0.043
				36	0	21.12	15.67	0.037
				36	29	21.24	15.79	0.038
				36	30	21.21	15.76	0.038
				75	0	21.05	15.60	0.036
	841.5	26965		1	0	22.40	16.95	0.050
				1	37	21.94	16.49	0.045
				1	74	21.37	15.92	0.039
				36	0	21.05	15.60	0.036
				36	29	20.81	15.36	0.034
				36	30	20.90	15.45	0.035
				75	0	20.96	15.51	0.036