

Fig.85

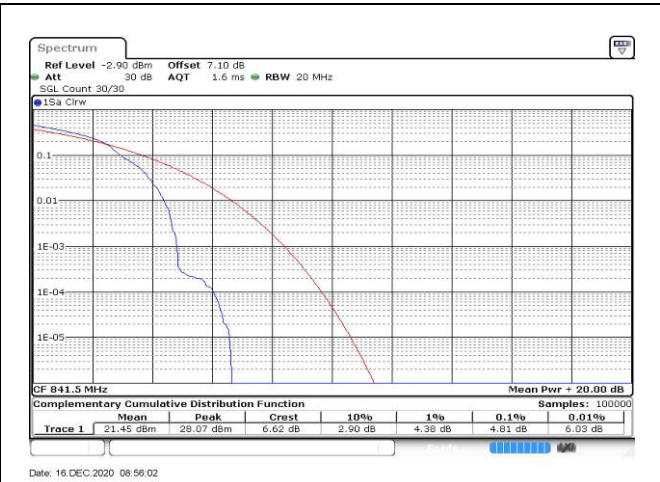


Fig.86

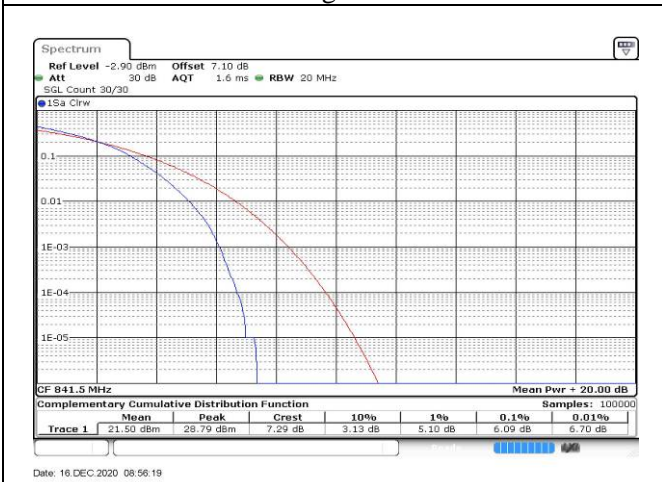


Fig.87

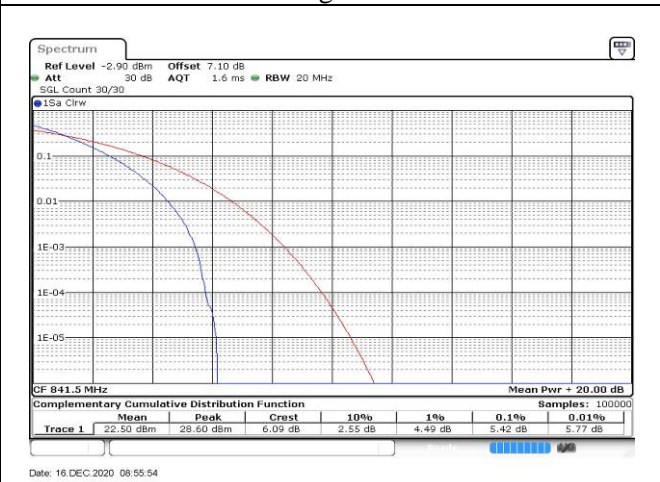


Fig.88



Fig.89

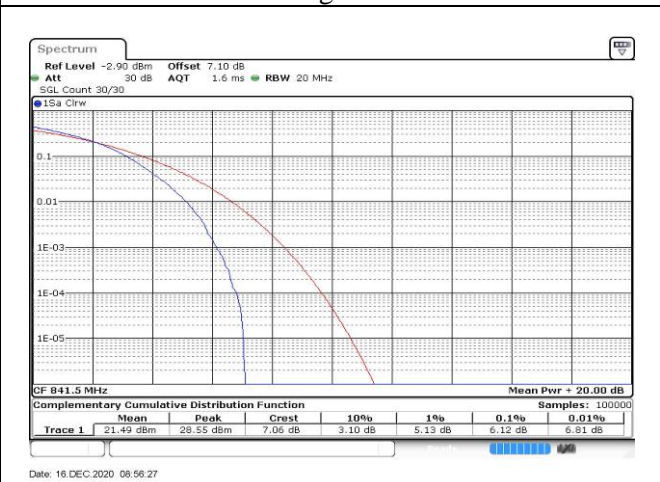


Fig.90

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

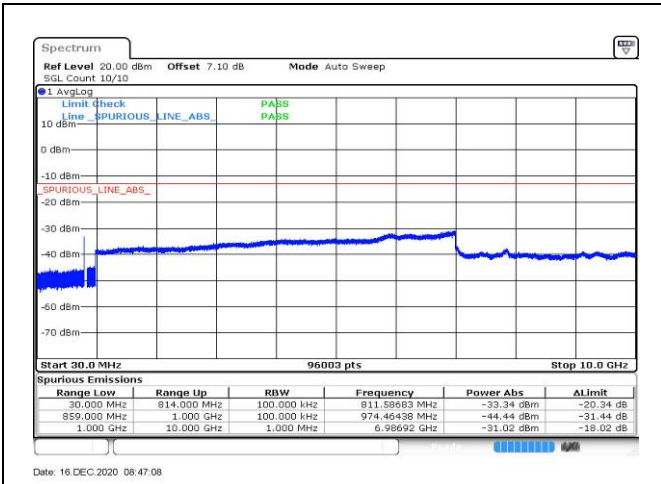


Fig.1

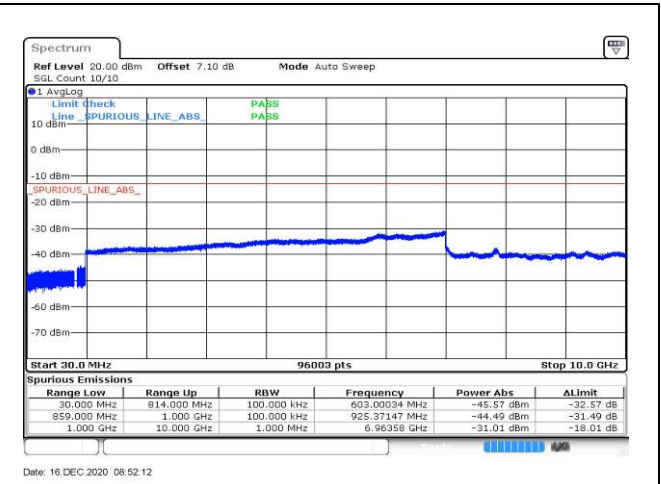


Fig.2

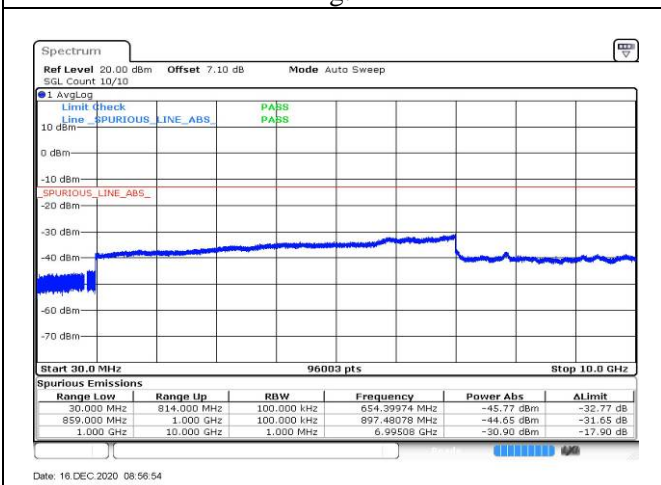


Fig.3

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
	1	5		Fig.3		
	6	0		Fig.4		
	848.3	27033	3	1	0	Fig.5
				15	0	Fig.6
	1	14		Fig.7		
	15	0		Fig.8		
	825.5	26805	5	1	0	Fig.9
				25	0	Fig.10
	1	24		Fig.11		
	25	0		Fig.12		
	847.5	27025	10	1	0	Fig.13
				50	0	Fig.14
	1	49		Fig.15		
	50	0		Fig.16		
	826.5	26815	15	1	0	Fig.17
				75	0	Fig.18
	1	74		Fig.19		
	75	0		Fig.20		
846.5	27015					
829	26840					
844	26990					
831.5	26865					
841.5	26965					

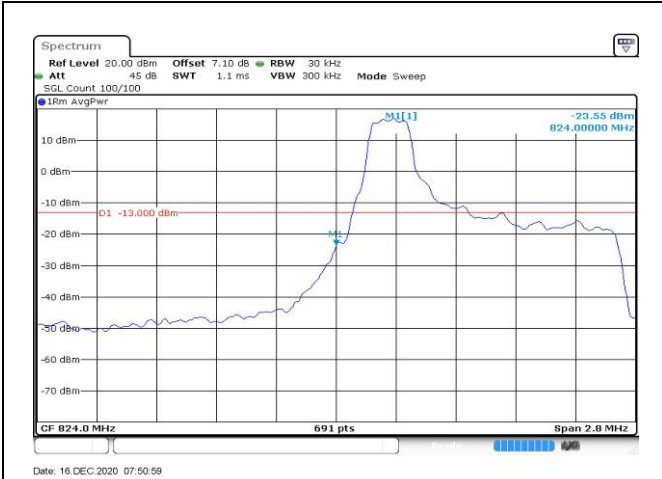


Fig.1

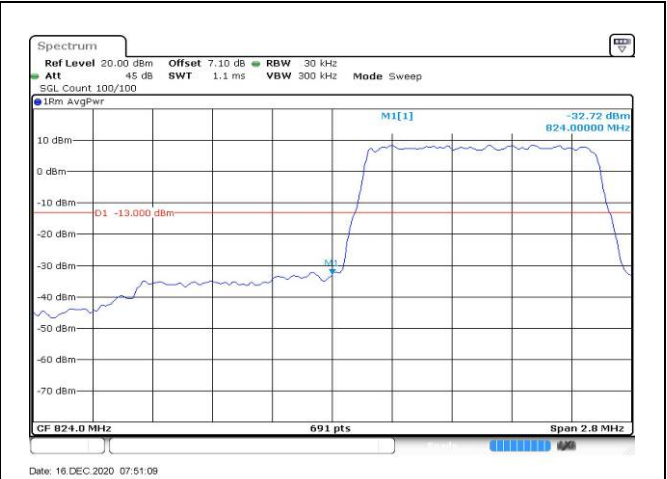


Fig.2

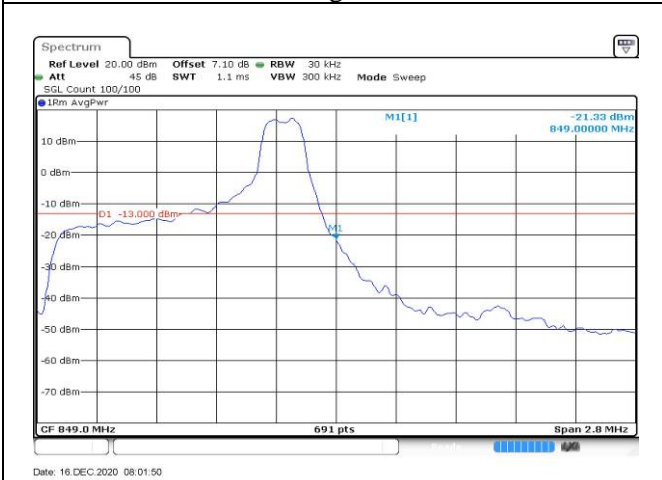


Fig.3

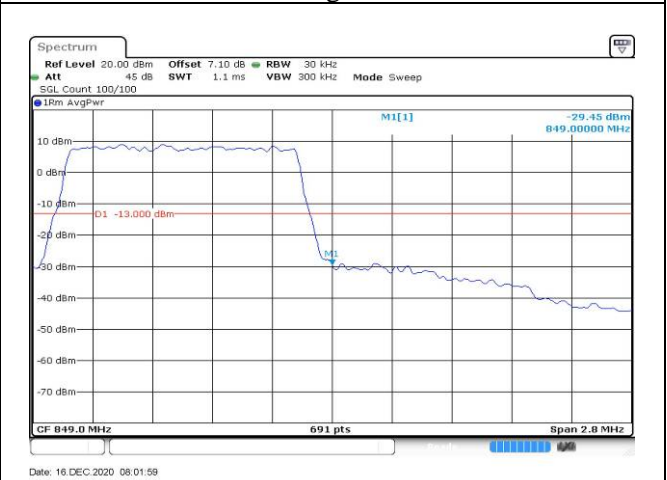


Fig.4

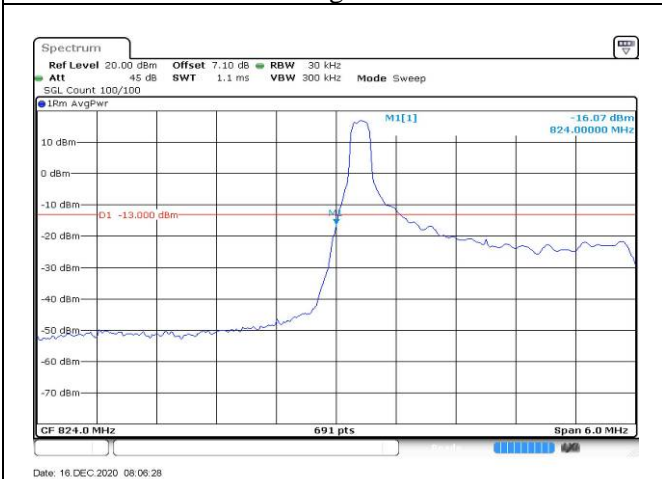


Fig.5

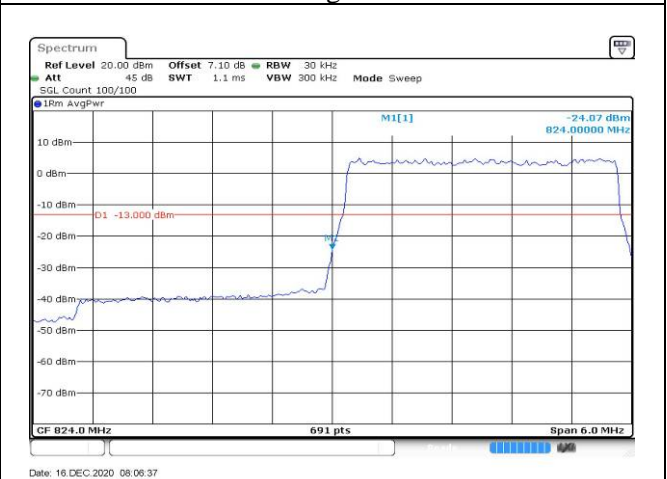


Fig.6

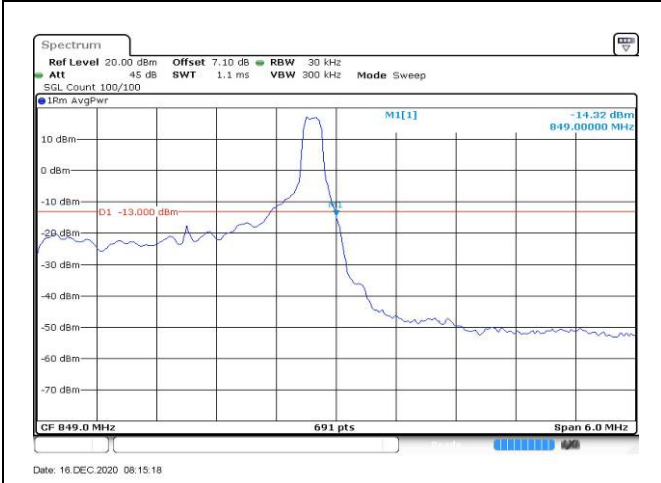


Fig.7

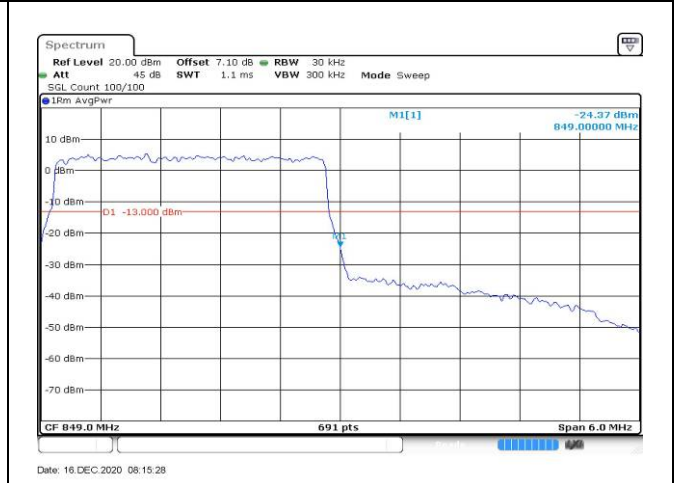


Fig.8

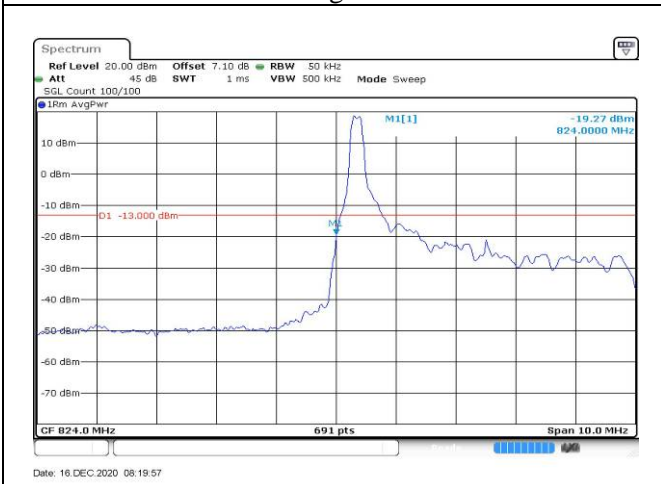


Fig.9

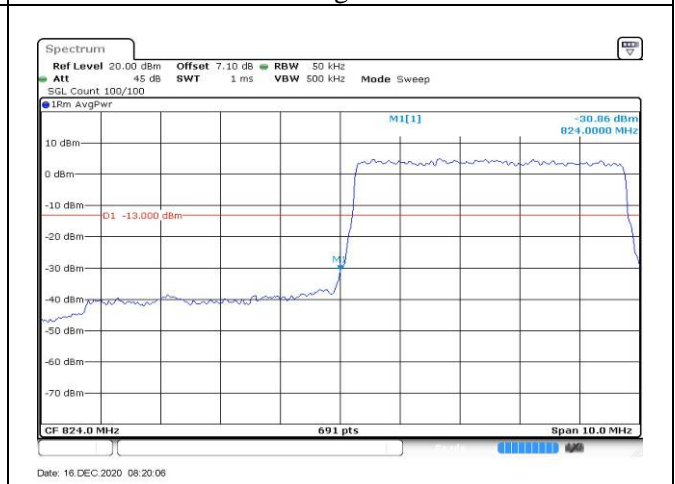


Fig.10

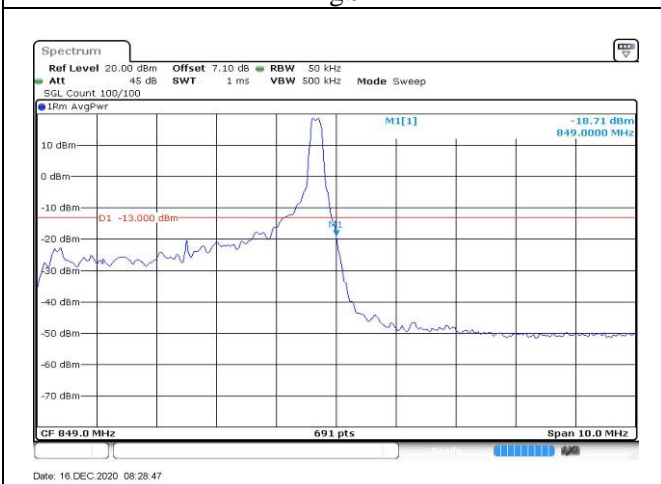


Fig.11



Fig.12

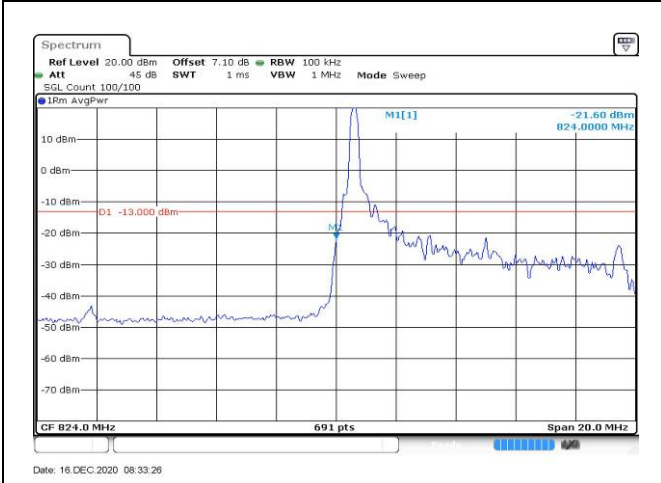


Fig.13

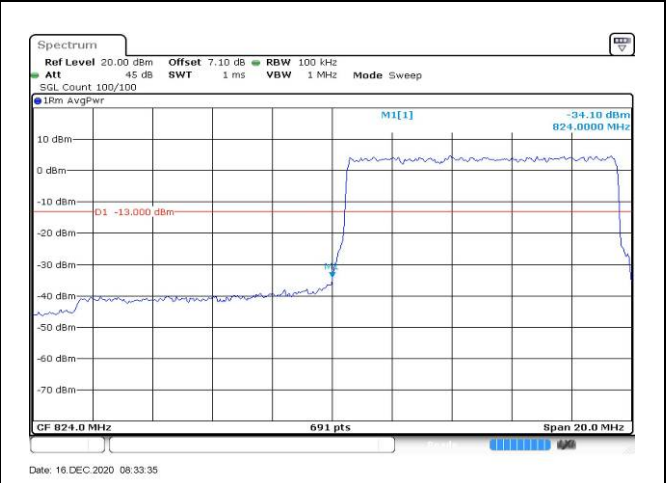


Fig.14

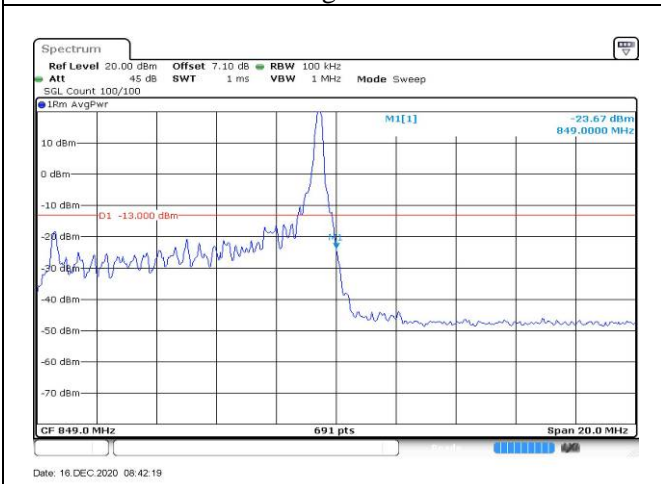


Fig.15

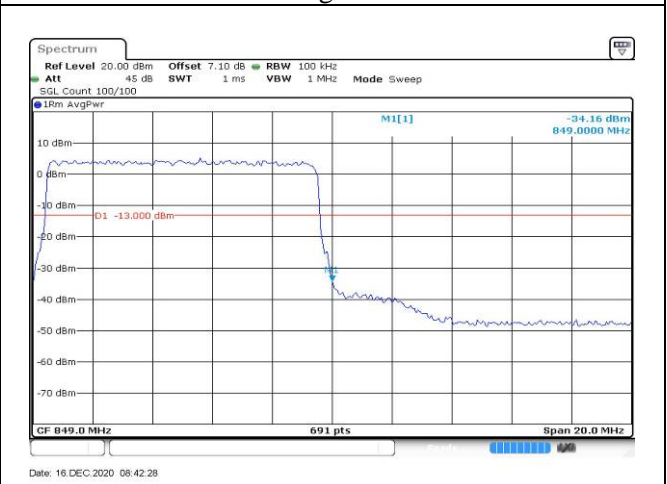


Fig.16

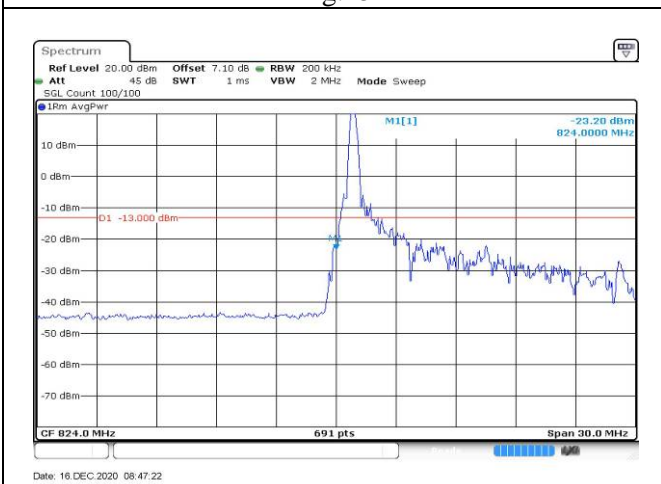


Fig.17

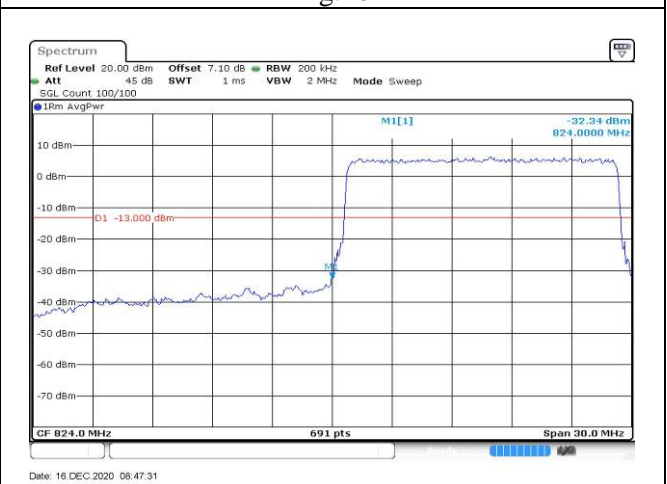


Fig.18

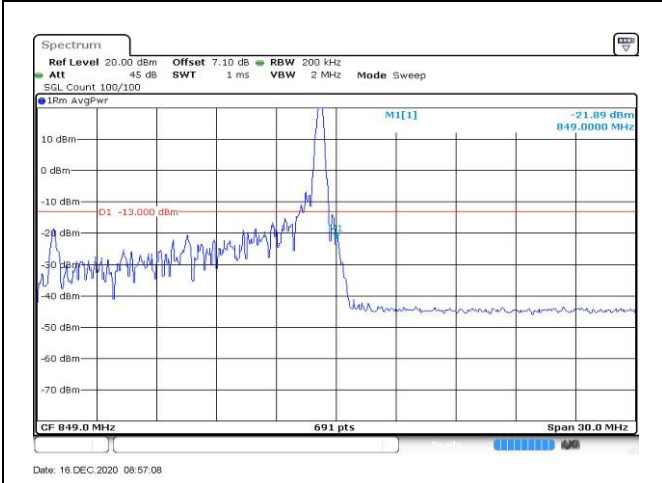


Fig.19

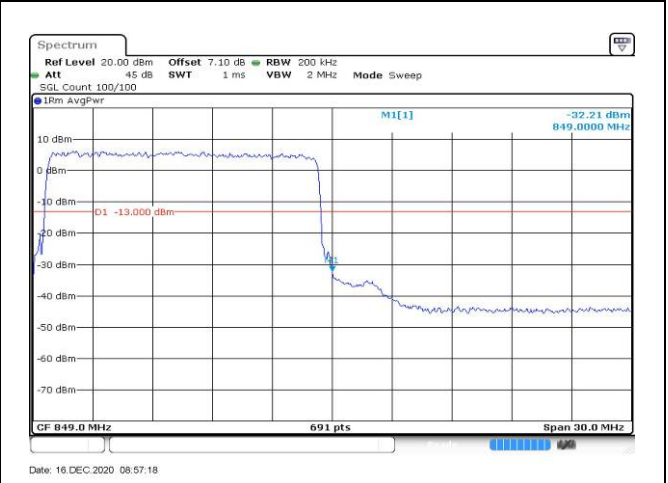


Fig.20

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) Low Channel QPSK				
		1.4M	3M	5M	10M	15M
-10	NV	-0.025	0.023	-0.030	0.005	0.009
0	NV	-0.013	0.007	-0.007	-0.002	-0.002
+10	NV	-0.028	0.008	0.000	0.009	0.009
+20	NV	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.013	0.005	-0.008	-0.009	0.011
+40	NV	-0.011	0.005	-0.019	0.000	0.004
+50	NV	-0.004	0.007	0.004	-0.004	0.014
+55	NV	-0.012	-0.008	-0.009	0.009	0.018
+20	LV	-0.039	0.013	-0.008	0.007	0.004
+20	HV	-0.019	0.017	-0.007	0.002	0.005

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) High Channel QPSK				
		1.4M	3M	5M	10M	15M
-10	NV	0.025	-0.049	-0.061	-0.050	-0.051
0	NV	0.035	-0.006	-0.040	-0.045	-0.050
+10	NV	-0.009	-0.039	-0.013	-0.052	-0.042
+20	NV	0.000	0.000	0.000	0.000	0.000
+30	NV	0.037	-0.042	-0.012	-0.052	-0.050
+40	NV	0.021	-0.037	-0.004	-0.040	-0.045
+50	NV	0.023	-0.041	-0.003	-0.041	-0.038
+55	NV	-0.011	-0.024	-0.009	-0.029	-0.033
+20	LV	-0.029	-0.057	-0.012	-0.047	-0.047
+20	HV	-0.008	-0.046	-0.007	0.001	-0.001

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	24.04	19.39	0.087
				1	3	24.00	19.35	0.086
				1	5	24.13	19.48	0.089
				3	0	24.14	19.49	0.089
				3	1	24.14	19.49	0.089
				3	3	24.16	19.51	0.089
	6	0		23.01	18.36	0.069		
	1	0		24.19	19.54	0.090		
	1	3		24.15	19.50	0.089		
	1	5		24.12	19.47	0.089		
	3	0		24.13	19.48	0.089		
	3	1		24.10	19.45	0.088		
	3	3		24.18	19.53	0.090		
	6	0		23.16	18.51	0.071		
	1	0		24.11	19.46	0.088		
	1	3		24.12	19.47	0.089		
	1	5		24.10	19.45	0.088		
	16QAM	824.7		26797	1.4	3	0	24.09
3			1			24.10	19.45	0.088
3			3			24.11	19.46	0.088
6			0			23.07	17.42	0.055
1			0			23.63	18.98	0.079
1			3			23.68	19.03	0.080
1		5	23.57	18.92		0.078		
3		0	23.15	18.50		0.071		
3		1	23.18	18.53		0.071		
3		3	23.18	18.53		0.071		
6		0	22.34	17.69		0.059		
1		0	23.61	18.96		0.079		
1		3	23.72	19.07		0.081		
1		5	23.71	19.06		0.081		
3		0	23.11	18.46		0.070		
3		1	23.05	18.40		0.069		
3		3	23.10	18.45		0.070		
6		0	22.16	17.51		0.056		
1	0	23.97	19.32	0.086				
1	3	24.06	19.41	0.087				
1	5	24.01	19.36	0.086				
3	0	23.02	18.37	0.069				
3	1	23.09	18.44	0.070				
3	3	23.07	18.42	0.070				
6	0	22.44	17.79	0.060				

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	22.34	17.69	0.059
				1	3	22.34	17.69	0.059
				1	5	22.36	17.71	0.059
				3	0	22.31	17.66	0.058
				3	1	22.31	17.66	0.058
				3	3	22.34	17.69	0.059
	836.5	26915		6	0	22.30	17.65	0.058
				1	0	22.16	17.51	0.056
				1	3	22.16	17.51	0.056
				1	5	22.16	17.51	0.056
				3	0	22.15	17.50	0.056
				3	1	22.16	17.51	0.056
	848.3	27033		3	3	22.15	17.50	0.056
				6	0	22.15	17.50	0.056
				1	0	22.44	17.79	0.060
				1	3	22.44	17.79	0.060
				1	5	22.43	17.78	0.060
				3	0	22.42	17.77	0.060

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	24.00	19.35	0.086
				1	8	23.99	19.34	0.086
				1	14	23.98	19.33	0.086
				8	0	23.10	18.45	0.070
				8	4	23.12	18.47	0.070
				8	7	23.11	18.46	0.070
	15	0		23.11	18.46	0.070		
	836.5	26915		1	0	24.24	19.59	0.091
				1	8	24.19	19.54	0.090
				1	14	24.18	19.53	0.090
				8	0	23.19	18.54	0.071
				8	4	23.09	18.44	0.070
				8	7	23.07	18.42	0.070
	15	0		23.17	18.52	0.071		
	847.5	27025		1	0	24.35	19.70	0.093
				1	8	24.43	19.78	0.095
				1	14	24.45	19.80	0.095
				8	0	23.37	18.72	0.074
8			4	23.25	18.60	0.072		
8			7	23.25	18.60	0.072		
15	0	23.24	18.59	0.072				
16QAM	825.5	26805	1	0	23.10	18.45	0.070	
			1	8	23.11	18.46	0.070	
			1	14	23.11	18.46	0.070	
			8	0	22.38	17.73	0.059	
			8	4	22.29	17.64	0.058	
			8	7	22.52	17.87	0.061	
	15	0	22.17	17.52	0.056			
	836.5	26915	1	0	23.42	18.77	0.075	
			1	8	23.35	18.70	0.074	
			1	14	23.29	18.64	0.073	
			8	0	22.27	17.62	0.058	
			8	4	22.19	17.54	0.057	
			8	7	22.24	17.59	0.057	
	15	0	22.24	17.59	0.057			
	847.5	27025	1	0	22.95	18.30	0.068	
			1	8	22.87	18.22	0.066	
			1	14	22.98	18.33	0.068	
			8	0	22.41	17.76	0.060	
8			4	22.43	17.78	0.060		
8			7	22.39	17.74	0.059		
15	0	22.32	17.67	0.058				

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	22.17	17.52	0.056
				1	8	22.22	17.57	0.057
				1	14	22.17	17.52	0.056
				8	0	22.17	17.52	0.056
				8	4	22.17	17.52	0.056
				8	7	22.17	17.52	0.056
				15	0	22.17	17.52	0.056
	836.5	26915		1	0	22.31	17.66	0.058
				1	8	22.19	17.54	0.057
				1	14	22.28	17.63	0.058
				8	0	22.28	17.63	0.058
				8	4	22.20	17.55	0.057
				8	7	22.24	17.59	0.057
				15	0	22.24	17.59	0.057
	847.5	27025		1	0	22.22	17.57	0.057
				1	8	22.25	17.60	0.058
				1	14	22.18	17.53	0.057
				8	0	22.33	17.68	0.059
				8	4	22.19	17.54	0.057
				8	7	22.26	17.61	0.058
				15	0	22.18	17.53	0.057

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	24.11	19.46	0.088	
				1	12	24.10	19.45	0.088	
				1	24	24.09	19.44	0.088	
				12	0	23.04	18.39	0.069	
				12	7	23.12	18.47	0.070	
				12	13	23.17	18.52	0.071	
	25	0		23.09	18.44	0.070			
	1	0		24.27	19.62	0.092			
	1	12		24.19	19.54	0.090			
	1	24		24.24	19.59	0.091			
	12	0		23.22	18.57	0.072			
	12	7		23.24	18.59	0.072			
	12	13		23.24	18.59	0.072			
	25	0		23.11	18.46	0.070			
	1	0		24.17	19.52	0.090			
	1	12		24.17	19.52	0.090			
	1	24		24.15	19.50	0.089			
	12	0		23.39	18.74	0.075			
	12	7		23.37	18.72	0.074			
	12	13		23.37	18.72	0.074			
	25	0		23.29	18.64	0.073			
	16QAM	826.5		26815	1	0	22.26	17.61	0.058
					1	12	22.28	17.63	0.058
					1	24	22.35	17.70	0.059
12			0		22.17	17.52	0.056		
12			7		22.14	17.49	0.056		
12			13		22.22	17.57	0.057		
25		0	22.35	17.70	0.059				
1		0	23.19	18.54	0.071				
1		12	23.32	18.67	0.074				
1		24	23.32	18.67	0.074				
12		0	22.10	17.45	0.056				
12		7	22.10	17.45	0.056				
12		13	22.10	17.45	0.056				
25		0	22.15	17.50	0.056				
1		0	22.90	18.25	0.067				
1		12	22.85	18.20	0.066				
1		24	22.84	18.19	0.066				
12		0	22.08	17.43	0.055				
12		7	22.03	17.38	0.055				
12		13	22.19	17.54	0.057				
25		0	22.12	17.47	0.056				

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	22.35	17.70	0.059
				1	12	22.34	17.69	0.059
				1	24	22.23	17.58	0.057
				12	0	22.35	17.70	0.059
				12	7	22.23	17.58	0.057
				12	13	22.35	17.70	0.059
				25	0	22.23	17.58	0.057
	836.5	26915		1	0	22.15	17.50	0.056
				1	12	22.16	17.51	0.056
				1	24	22.16	17.51	0.056
				12	0	22.16	17.51	0.056
				12	7	22.16	17.51	0.056
				12	13	22.16	17.51	0.056
				25	0	22.15	17.50	0.056
	846.5	27015		1	0	22.12	17.47	0.056
				1	12	22.13	17.48	0.056
				1	24	22.13	17.48	0.056
				12	0	22.13	17.48	0.056
				12	7	22.35	17.70	0.059
				12	13	22.35	17.70	0.059
				25	0	22.35	17.70	0.059

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	23.99	19.34	0.086		
				1	25	24.14	19.49	0.089		
				1	49	24.14	19.49	0.089		
				25	0	22.99	18.34	0.068		
				25	12	23.12	18.47	0.070		
				25	25	23.07	18.42	0.070		
	836.5	26915		50	0	23.12	18.47	0.070		
				1	0	24.17	19.52	0.090		
				1	25	24.37	19.72	0.094		
				1	49	24.51	19.86	0.097		
				25	0	23.11	18.46	0.070		
				25	12	23.15	18.50	0.071		
				25	25	23.15	18.50	0.071		
				50	0	23.13	18.48	0.070		
				844	26990	1	0	24.06	19.41	0.087
						1	25	24.29	19.64	0.092
						1	49	24.26	19.61	0.091
						25	0	23.20	18.55	0.072
						25	12	23.28	18.63	0.073
						25	25	23.28	18.63	0.073
				16QAM	829	26840	50	0	23.22	18.57
1	0	23.54	18.89				0.077			
1	25	23.45	18.80				0.076			
1	49	23.46	18.81				0.076			
25	0	22.23	17.58				0.057			
25	12	22.25	17.60				0.058			
836.5	26915	25	25		21.98	17.33	0.054			
		50	0		22.14	17.49	0.056			
		1	0		23.82	19.17	0.083			
		1	25		24.03	19.38	0.087			
		1	49		23.88	19.23	0.084			
		25	0		22.13	17.48	0.056			
		25	12		22.29	17.64	0.058			
		25	25		22.28	17.63	0.058			
		50	0		22.27	17.62	0.058			
		844	26990		1	0	22.80	18.15	0.065	
					1	25	22.72	18.07	0.064	
					1	49	22.82	18.17	0.066	
					25	0	22.38	17.73	0.059	
					25	12	22.32	17.67	0.058	
					25	25	22.47	17.82	0.061	
50	0	22.19	17.54	0.057						

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	22.14	17.49	0.056
				1	25	22.14	17.49	0.056
				1	49	22.14	17.49	0.056
				25	0	22.14	17.49	0.056
				25	12	22.14	17.49	0.056
				25	25	22.14	17.49	0.056
				50	0	22.14	17.49	0.056
	836.5	26915		1	0	22.16	17.51	0.056
				1	25	22.27	17.62	0.058
				1	49	22.16	17.51	0.056
				25	0	22.27	17.62	0.058
				25	12	22.28	17.63	0.058
				25	25	22.16	17.51	0.056
				50	0	22.16	17.51	0.056
	844	26990		1	0	22.19	17.54	0.057
				1	25	22.19	17.54	0.057
				1	49	22.19	17.54	0.057
				25	0	22.19	17.54	0.057
				25	12	22.20	17.55	0.057
				25	25	22.19	17.54	0.057
				50	0	22.20	17.55	0.057

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	23.94	19.29	0.085
				1	37	24.12	19.47	0.089
				1	74	24.05	19.40	0.087
				36	0	23.01	18.36	0.069
				36	29	23.21	18.56	0.072
				36	30	23.20	18.55	0.072
				75	0	23.35	18.70	0.074
	836.5	26915		1	0	24.34	19.69	0.093
				1	37	24.41	19.76	0.095
				1	74	24.30	19.65	0.092
				36	0	23.16	18.51	0.071
				36	29	23.21	18.56	0.072
				36	30	23.21	18.56	0.072
				75	0	23.08	18.43	0.070
	841.5	26965		1	0	24.04	19.39	0.087
				1	37	24.09	19.44	0.088
				1	74	24.16	19.51	0.089
				36	0	23.27	18.62	0.073
				36	29	23.30	18.65	0.073
				36	30	23.30	18.65	0.073
				75	0	23.16	18.51	0.071
16QAM	831.5	26865	1	0	23.22	18.57	0.072	
			1	37	23.38	18.73	0.075	
			1	74	23.28	18.63	0.073	
			36	0	22.19	17.54	0.057	
			36	29	22.24	17.59	0.057	
			36	30	22.23	17.58	0.057	
			75	0	22.23	17.58	0.057	
	836.5	26915	1	0	23.83	19.18	0.083	
			1	37	23.81	19.16	0.082	
			1	74	23.81	19.16	0.082	
			36	0	22.11	17.46	0.056	
			36	29	22.23	17.58	0.057	
			36	30	22.23	17.58	0.057	
			75	0	22.23	17.58	0.057	
	841.5	26965	1	0	23.29	18.64	0.073	
			1	37	23.49	18.84	0.077	
			1	74	23.49	18.84	0.077	
			36	0	22.23	17.58	0.057	
			36	29	22.18	17.53	0.057	
			36	30	22.40	17.75	0.060	
			75	0	22.24	17.59	0.057	

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	22.23	17.58	0.057
				1	37	22.23	17.58	0.057
				1	74	22.10	17.45	0.056
				36	0	22.19	17.54	0.057
				36	29	22.10	17.45	0.056
				36	30	22.14	17.49	0.056
				75	0	22.19	17.54	0.057
	836.5	26915		1	0	22.23	17.58	0.057
				1	37	22.23	17.58	0.057
				1	74	22.23	17.58	0.057
				36	0	22.23	17.58	0.057
				36	29	22.23	17.58	0.057
				36	30	22.23	17.58	0.057
				75	0	22.23	17.58	0.057
	841.5	26965		1	0	22.24	17.59	0.057
				1	37	22.24	17.59	0.057
				1	74	22.24	17.59	0.057
				36	0	22.25	17.60	0.058
				36	29	22.25	17.60	0.058
				36	30	22.25	17.60	0.058
				75	0	22.25	17.60	0.058