

Fig.67

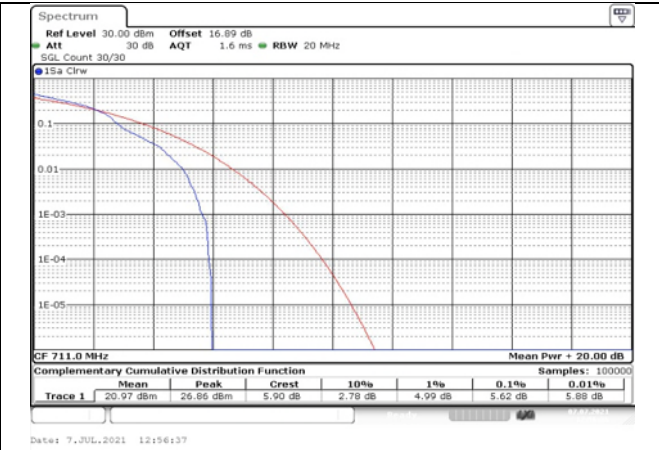


Fig.68

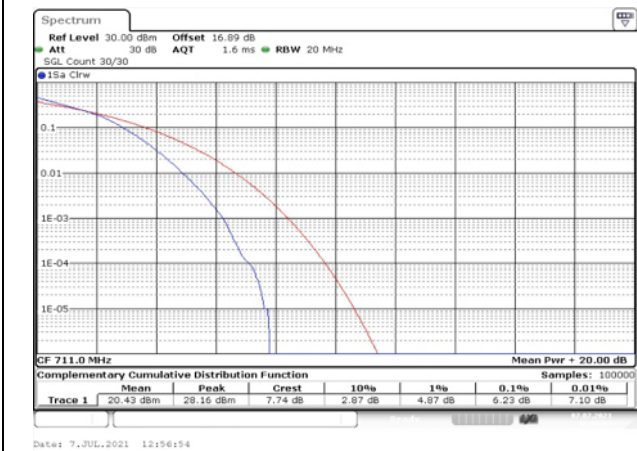


Fig.69

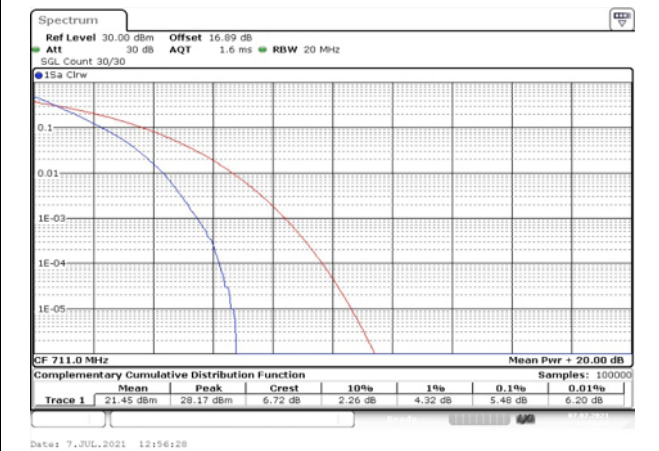


Fig.70

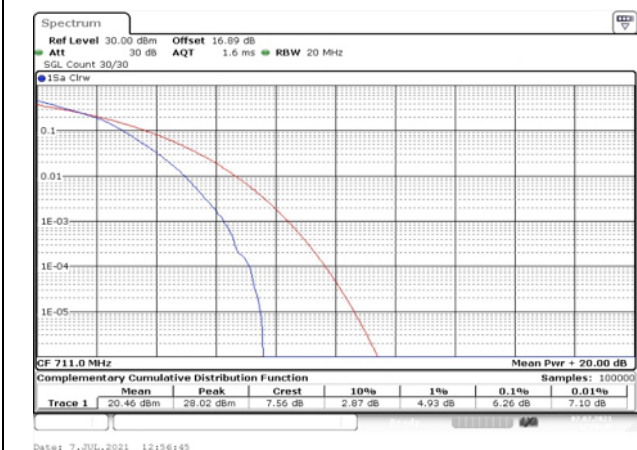


Fig.71

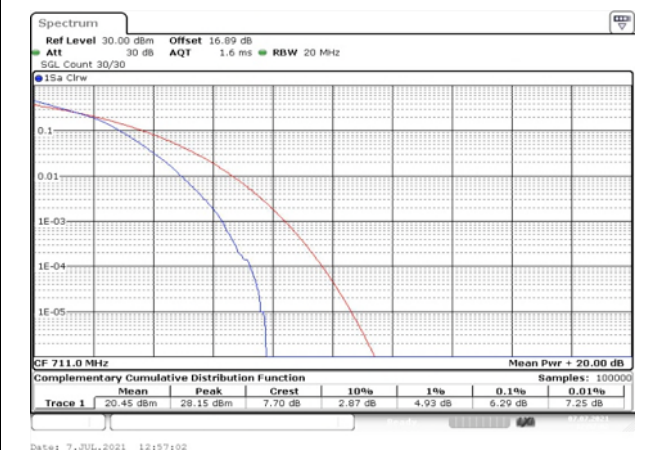


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
12	704	23060	10	1	0	Fig.1
	707.5	23095		1	0	Fig.2
	711	23130		1	0	Fig.3

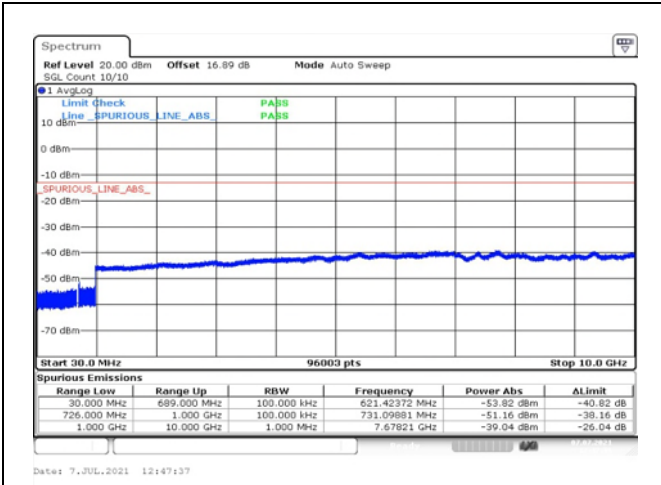


Fig.1

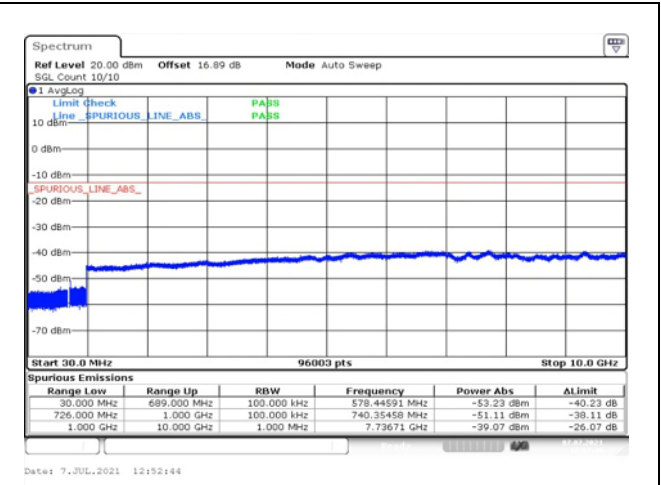


Fig.2

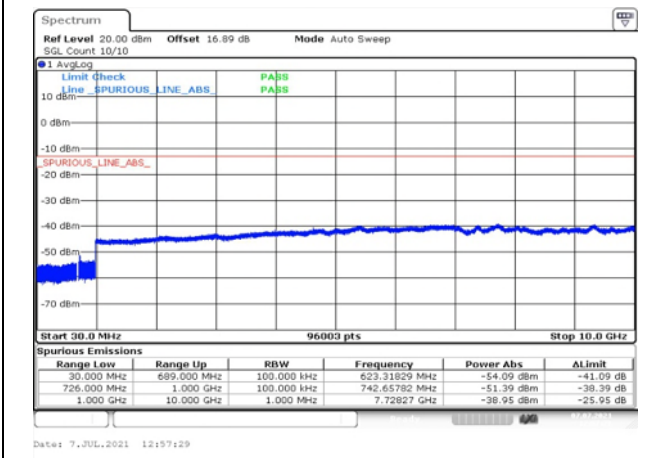
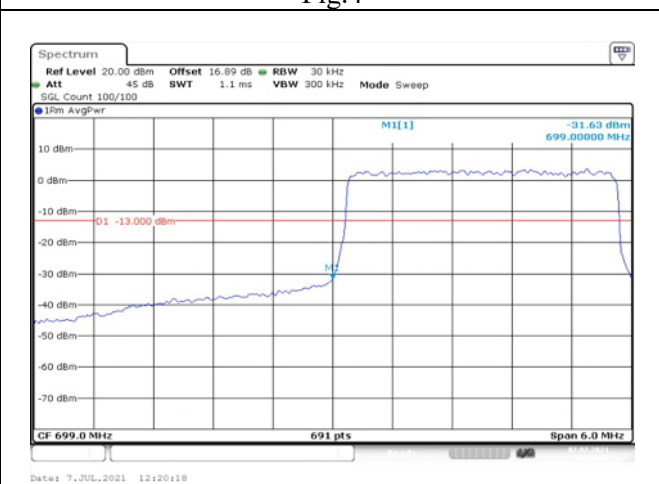
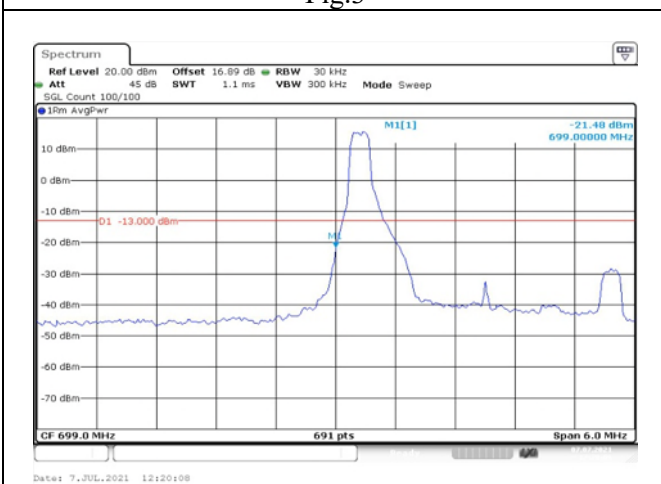
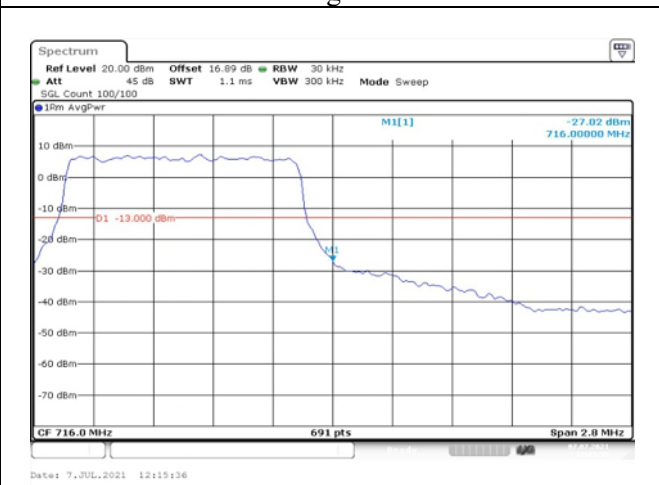
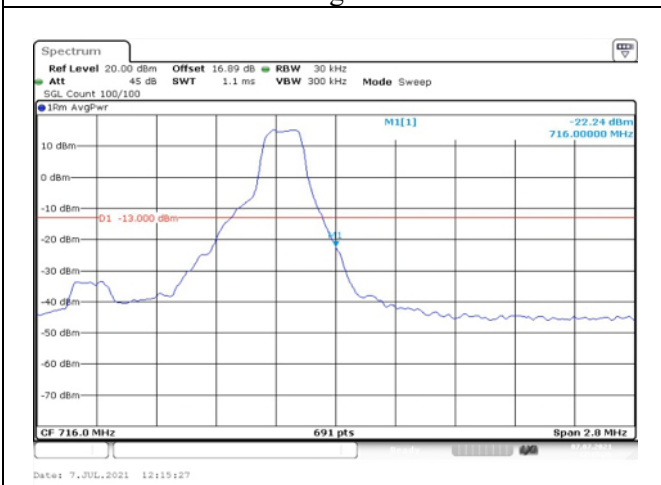
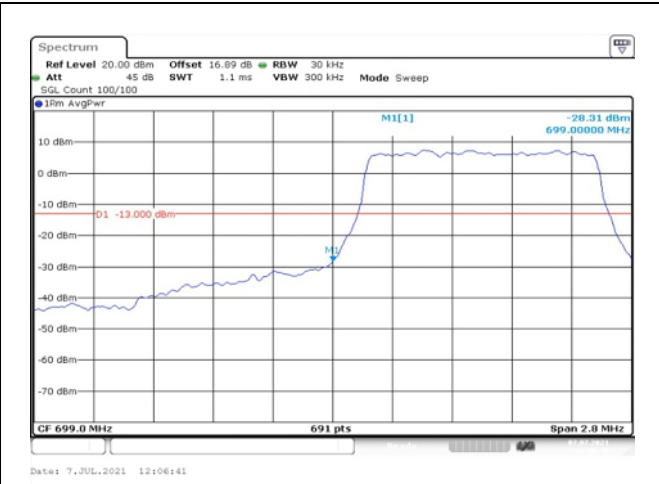
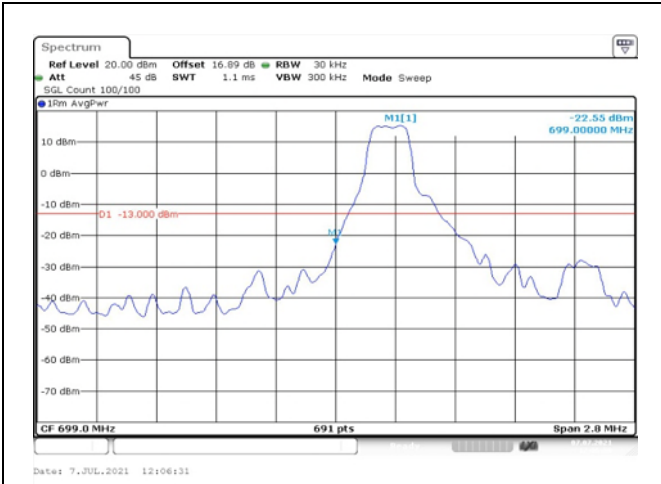


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
12	699.7	23017	1.4	1	0	Fig.1
				6	0	Fig.2
	1	5		Fig.3		
	6	0		Fig.4		
	715.3	23173	3	1	0	Fig.5
				15	0	Fig.6
	1	14		Fig.7		
	15	0		Fig.8		
	700.5	23025	5	1	0	Fig.9
				25	0	Fig.10
	1	24		Fig.11		
	25	0		Fig.12		
	714.5	23165	10	1	0	Fig.13
				50	0	Fig.14
	1	49		Fig.15		
	50	0		Fig.16		
701.5	23035					
713.5	23155					
704	23060					
711	23130					



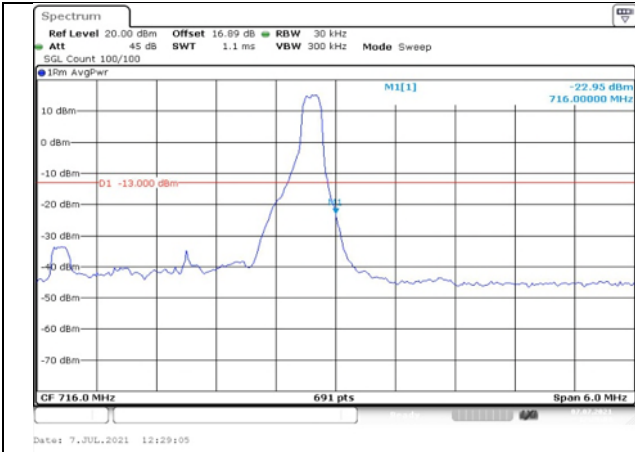


Fig.7

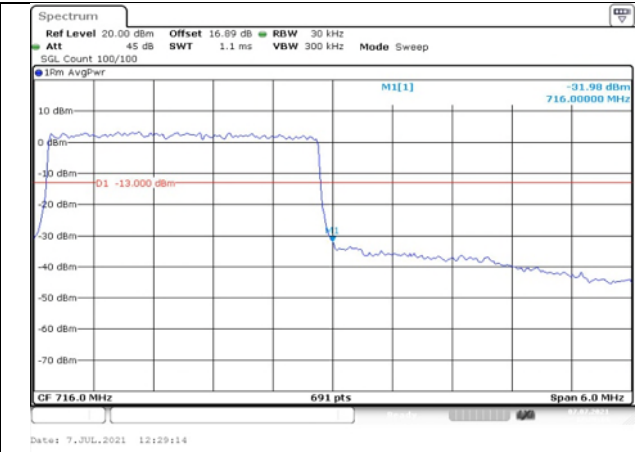


Fig.8

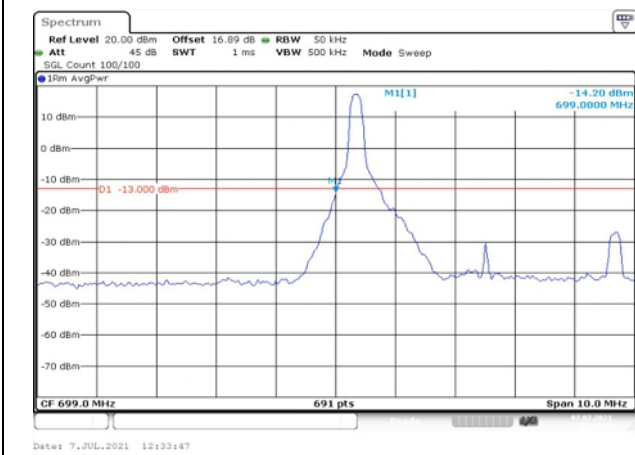


Fig.9

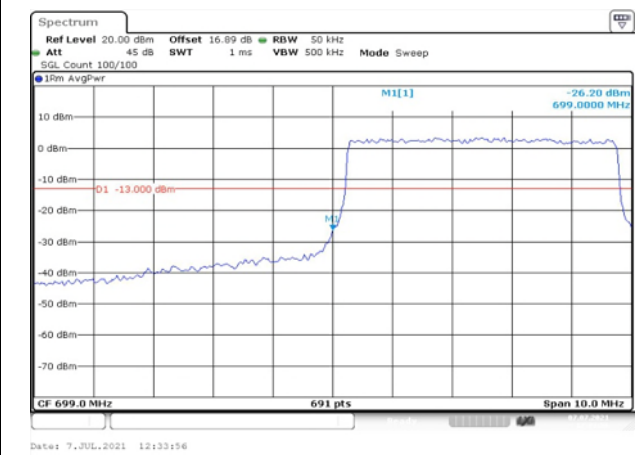


Fig.10

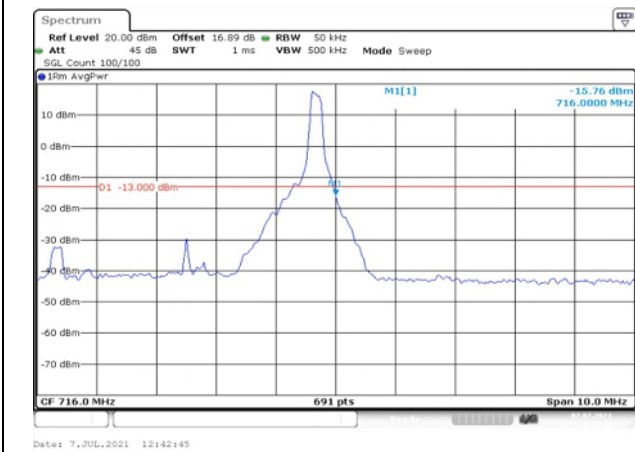


Fig.11

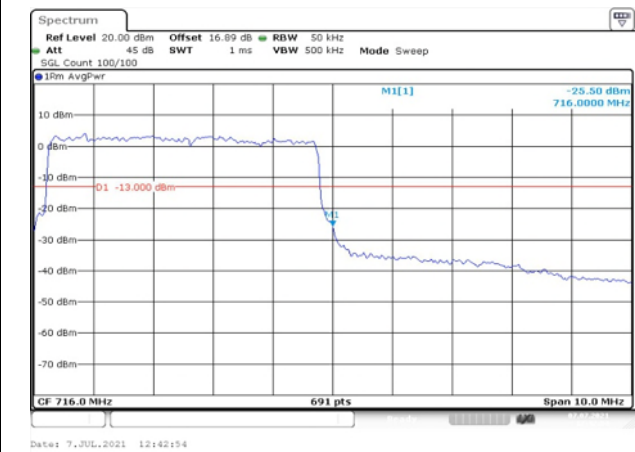


Fig.12

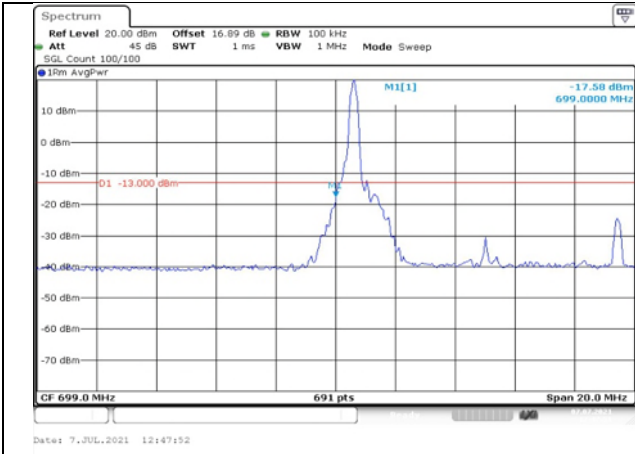


Fig.13

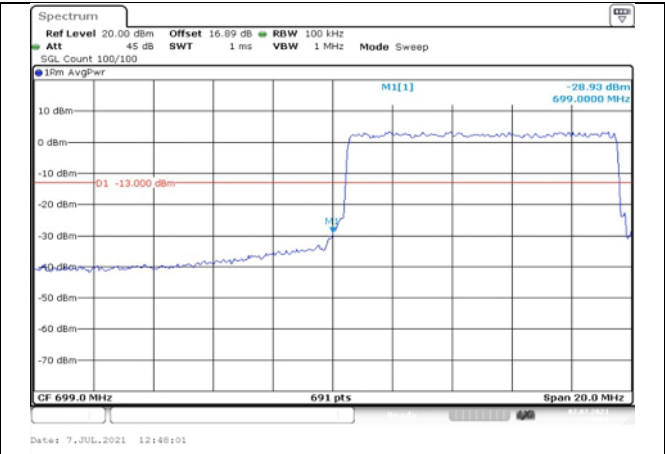


Fig.14

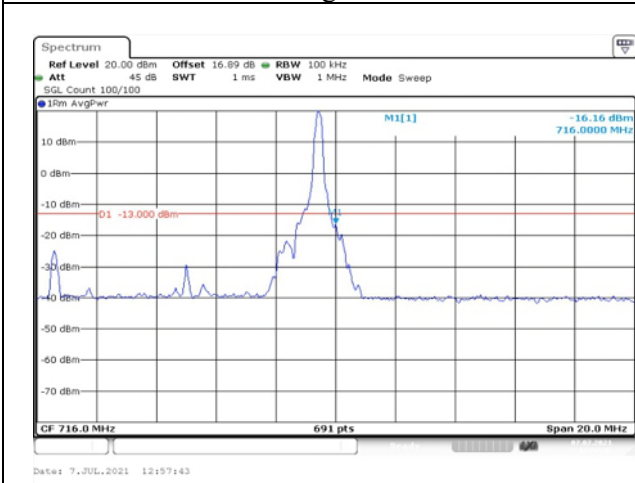


Fig.15

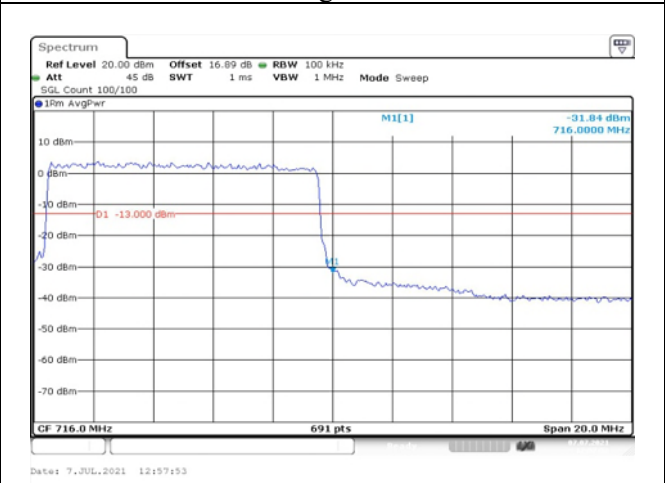


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band12 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
0	NV	-0.011	-0.012	-0.011	-0.003	---	---
+10	NV	-0.008	-0.003	-0.009	-0.009	---	---
+20	NV	-0.007	-0.003	-0.017	-0.018	---	---
+30	NV	-0.024	-0.014	-0.017	-0.011	---	---
+40	NV	-0.015	-0.009	-0.017	-0.010	---	---
+55	NV	-0.014	-0.020	-0.012	-0.021	---	---
+20	LV	-0.015	-0.013	-0.014	-0.008	---	---
+20	HV	-0.022	-0.005	-0.018	-0.009	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band12 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
0	NV	-0.005	-0.008	-0.013	-0.007	---	---
+10	NV	0.001	-0.001	-0.007	-0.008	---	---
+20	NV	-0.012	-0.004	-0.001	-0.010	---	---
+30	NV	-0.013	-0.008	-0.003	0.000	---	---
+40	NV	-0.002	-0.007	-0.006	0.003	---	---
+55	NV	-0.025	-0.009	-0.009	-0.012	---	---
+20	LV	-0.004	-0.013	-0.008	-0.015	---	---
+20	HV	-0.007	-0.010	-0.003	-0.003	---	---

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	699.7	23017	1.4	1	0	24.00	18.45	0.070		
				1	3	23.90	18.35	0.068		
				1	5	23.96	18.41	0.069		
				3	0	24.18	18.63	0.073		
				3	1	23.98	18.43	0.070		
				3	3	24.07	18.52	0.071		
				6	0	22.94	17.39	0.055		
	707.5	23095		1	0	23.34	17.79	0.060		
				1	3	23.38	17.83	0.061		
				1	5	23.29	17.74	0.059		
				3	0	23.34	17.79	0.060		
				3	1	23.37	17.82	0.061		
				3	3	23.30	17.75	0.060		
				6	0	22.42	16.87	0.049		
				715.3	23173	1	0	23.23	17.68	0.059
						1	3	23.22	17.67	0.058
						1	5	23.14	17.59	0.057
	3	0				23.29	17.74	0.059		
	3	1				23.26	17.71	0.059		
	3	3				23.31	17.76	0.060		
	6	0				22.28	16.73	0.047		
	16QAM	699.7		23017	1	0	22.99	17.44	0.055	
					1	3	22.46	16.91	0.049	
					1	5	22.47	16.92	0.049	
					3	0	22.64	17.09	0.051	
					3	1	22.63	17.08	0.051	
					3	3	22.60	17.05	0.051	
6			0		21.57	16.02	0.040			
707.5		23095	1	0	22.49	16.94	0.049			
			1	3	22.48	16.93	0.049			
			1	5	22.47	16.92	0.049			
			3	0	22.41	16.86	0.049			
			3	1	22.49	16.94	0.049			
			3	3	22.27	16.72	0.047			
			6	0	21.44	15.89	0.039			
			715.3	23173	1	0	22.27	16.72	0.047	
					1	3	22.30	16.75	0.047	
					1	5	22.30	16.75	0.047	
3		0			22.44	16.89	0.049			
3		1			22.29	16.74	0.047			
3		3			22.37	16.82	0.048			
6		0			21.26	15.71	0.037			

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	699.7	23017	1.4	1	0	21.55	16.00	0.040
				1	3	21.57	16.02	0.040
				1	5	21.50	15.95	0.039
				3	0	21.53	15.98	0.040
				3	1	21.48	15.93	0.039
				3	3	21.46	15.91	0.039
	6	0		21.50	15.95	0.039		
	707.5	23095		1	0	21.49	15.94	0.039
				1	3	21.44	15.89	0.039
				1	5	21.42	15.87	0.039
				3	0	21.49	15.94	0.039
				3	1	21.54	15.99	0.040
				3	3	21.43	15.88	0.039
	6	0		21.54	15.99	0.040		
	715.3	23173		1	0	21.23	15.68	0.037
				1	3	21.22	15.67	0.037
				1	5	21.16	15.61	0.036
				3	0	21.23	15.68	0.037
				3	1	21.24	15.69	0.037
				3	3	21.26	15.71	0.037
	6	0		21.23	15.68	0.037		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	700.5	23025	3	1	0	23.46	17.91	0.062
				1	8	23.41	17.86	0.061
				1	14	23.40	17.85	0.061
				8	0	22.39	16.84	0.048
				8	4	22.39	16.84	0.048
				8	7	22.43	16.88	0.049
	15	0		22.42	16.87	0.049		
	707.5	23095		1	0	23.44	17.89	0.062
				1	8	23.38	17.83	0.061
				1	14	23.39	17.84	0.061
				8	0	22.41	16.86	0.049
				8	4	22.31	16.76	0.047
				8	7	22.31	16.76	0.047
	15	0		22.31	16.76	0.047		
	714.5	23165		1	0	23.30	17.75	0.060
				1	8	23.24	17.69	0.059
				1	14	23.18	17.63	0.058
				8	0	22.33	16.78	0.048
8			4	22.21	16.66	0.046		
8			7	22.23	16.68	0.047		
15	0	22.21	16.66	0.046				
16QAM	700.5	23025	1	0	23.09	17.54	0.057	
			1	8	22.99	17.44	0.055	
			1	14	23.01	17.46	0.056	
			8	0	21.59	16.04	0.040	
			8	4	21.67	16.12	0.041	
			8	7	21.66	16.11	0.041	
	15	0	21.57	16.02	0.040			
	707.5	23095	1	0	22.62	17.07	0.051	
			1	8	22.49	16.94	0.049	
			1	14	22.42	16.87	0.049	
			8	0	21.52	15.97	0.040	
			8	4	21.41	15.86	0.039	
			8	7	21.34	15.79	0.038	
	15	0	21.41	15.86	0.039			
	714.5	23165	1	0	22.35	16.80	0.048	
			1	8	22.37	16.82	0.048	
			1	14	22.33	16.78	0.048	
			8	0	21.40	15.85	0.038	
8			4	21.36	15.81	0.038		
8			7	21.28	15.73	0.037		
15	0	21.34	15.79	0.038				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	700.5	23025	3	1	0	21.51	15.96	0.039
				1	8	21.59	16.04	0.040
				1	14	21.55	16.00	0.040
				8	0	21.46	15.91	0.039
				8	4	21.54	15.99	0.040
				8	7	21.49	15.94	0.039
				15	0	21.56	16.01	0.040
	707.5	23095		1	0	21.31	15.76	0.038
				1	8	21.32	15.77	0.038
				1	14	21.39	15.84	0.038
				8	0	21.35	15.80	0.038
				8	4	21.29	15.74	0.037
				8	7	21.33	15.78	0.038
				15	0	21.32	15.77	0.038
	714.5	23165		1	0	21.40	15.85	0.038
				1	8	21.33	15.78	0.038
				1	14	21.36	15.81	0.038
				8	0	21.40	15.85	0.038
				8	4	21.30	15.75	0.038
				8	7	21.38	15.83	0.038
				15	0	21.38	15.83	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	701.5	23035	5	1	0	23.39	17.84	0.061
				1	12	23.30	17.75	0.060
				1	24	23.30	17.75	0.060
				12	0	22.34	16.79	0.048
				12	7	22.39	16.84	0.048
				12	13	22.43	16.88	0.049
				25	0	22.39	16.84	0.048
	707.5	23095		1	0	23.33	17.78	0.060
				1	12	23.19	17.64	0.058
				1	24	23.19	17.64	0.058
				12	0	22.33	16.78	0.048
				12	7	22.30	16.75	0.047
				12	13	22.31	16.76	0.047
				25	0	22.30	16.75	0.047
	713.5	23155		1	0	23.22	17.67	0.058
				1	12	23.18	17.63	0.058
				1	24	23.14	17.59	0.057
				12	0	22.39	16.84	0.048
				12	7	22.19	16.64	0.046
				12	13	22.13	16.58	0.045
				25	0	22.27	16.72	0.047
16QAM	701.5	23035	1	0	22.32	16.77	0.048	
			1	12	22.25	16.70	0.047	
			1	24	22.33	16.78	0.048	
			12	0	21.37	15.82	0.038	
			12	7	21.44	15.89	0.039	
			12	13	21.47	15.92	0.039	
			25	0	21.51	15.96	0.039	
	707.5	23095	1	0	22.52	16.97	0.050	
			1	12	22.46	16.91	0.049	
			1	24	22.55	17.00	0.050	
			12	0	21.43	15.88	0.039	
			12	7	21.34	15.79	0.038	
			12	13	21.38	15.83	0.038	
			25	0	21.39	15.84	0.038	
	713.5	23155	1	0	22.30	16.75	0.047	
			1	12	22.22	16.67	0.046	
			1	24	22.19	16.64	0.046	
			12	0	21.29	15.74	0.037	
			12	7	21.18	15.63	0.037	
			12	13	21.15	15.60	0.036	
			25	0	21.42	15.87	0.039	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	701.5	23035	5	1	0	21.53	15.98	0.040
				1	12	21.55	16.00	0.040
				1	24	21.48	15.93	0.039
				12	0	21.50	15.95	0.039
				12	7	21.48	15.93	0.039
				12	13	21.51	15.96	0.039
				25	0	21.47	15.92	0.039
	707.5	23095		1	0	21.37	15.82	0.038
				1	12	21.41	15.86	0.039
				1	24	21.37	15.82	0.038
				12	0	21.43	15.88	0.039
				12	7	21.40	15.85	0.038
				12	13	21.35	15.80	0.038
				25	0	21.34	15.79	0.038
	713.5	23155		1	0	21.34	15.79	0.038
				1	12	21.37	15.82	0.038
				1	24	21.31	15.76	0.038
				12	0	21.40	15.85	0.038
				12	7	21.35	15.80	0.038
				12	13	21.36	15.81	0.038
				25	0	21.34	15.79	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	704	23060	10	1	0	23.42	17.87	0.061
				1	25	23.21	17.66	0.058
				1	49	23.28	17.73	0.059
				25	0	22.42	16.87	0.049
				25	12	22.50	16.95	0.050
				25	25	22.42	16.87	0.049
	707.5	23095		50	0	22.44	16.89	0.049
				1	0	23.45	17.90	0.062
				1	25	23.31	17.76	0.060
				1	49	23.25	17.70	0.059
				25	0	22.34	16.79	0.048
				25	12	22.27	16.72	0.047
	711	23130		25	25	22.35	16.80	0.048
				50	0	22.31	16.76	0.047
				1	0	23.39	17.84	0.061
				1	25	23.22	17.67	0.058
				1	49	23.29	17.74	0.059
				25	0	22.41	16.86	0.049
16QAM	704	23060	25	12	22.11	16.56	0.045	
			25	25	22.13	16.58	0.045	
			50	0	22.32	16.77	0.048	
			1	0	23.02	17.47	0.056	
			1	25	22.93	17.38	0.055	
			1	49	22.89	17.34	0.054	
	707.5	23095	25	0	21.63	16.08	0.041	
			25	12	21.57	16.02	0.040	
			25	25	21.62	16.07	0.040	
			50	0	21.49	15.94	0.039	
			1	0	22.60	17.05	0.051	
			1	25	22.41	16.86	0.049	
	711	23130	1	49	22.37	16.82	0.048	
			25	0	21.43	15.88	0.039	
			25	12	21.43	15.88	0.039	
			25	25	21.42	15.87	0.039	
			50	0	21.41	15.86	0.039	
			1	0	22.49	16.94	0.049	
			1	25	22.37	16.82	0.048	
			1	49	22.33	16.78	0.048	
			25	0	21.49	15.94	0.039	
			25	12	21.29	15.74	0.037	
			25	25	21.33	15.78	0.038	
			50	0	21.37	15.82	0.038	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	704	23060	10	1	0	21.56	16.01	0.040
				1	25	21.51	15.96	0.039
				1	49	21.55	16.00	0.040
				25	0	21.49	15.94	0.039
				25	12	21.47	15.92	0.039
				25	25	21.52	15.97	0.040
				50	0	21.54	15.99	0.040
	707.5	23095		1	0	21.44	15.89	0.039
				1	25	21.40	15.85	0.038
				1	49	21.42	15.87	0.039
				25	0	21.46	15.91	0.039
				25	12	21.44	15.89	0.039
				25	25	21.37	15.82	0.038
				50	0	21.43	15.88	0.039
	711	23130		1	0	21.41	15.86	0.039
				1	25	21.31	15.76	0.038
				1	49	21.33	15.78	0.038
				25	0	21.37	15.82	0.038
				25	12	21.43	15.88	0.039
				25	25	21.31	15.76	0.038
				50	0	21.30	15.75	0.038