

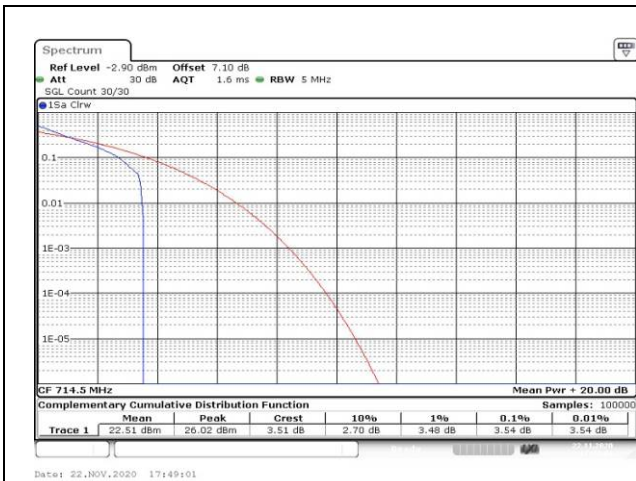


Fig.31

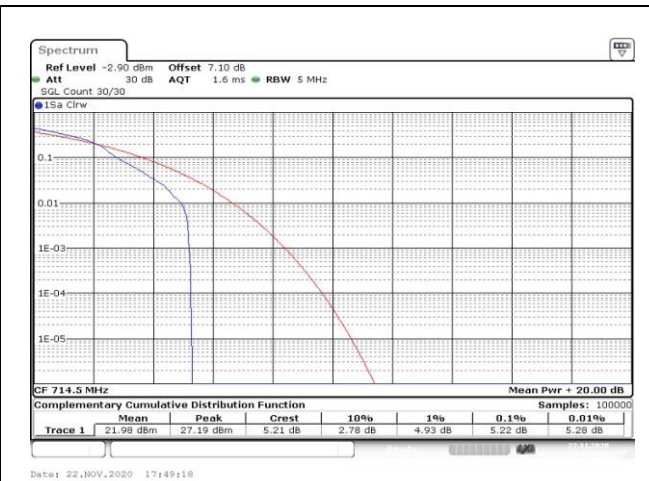


Fig.32

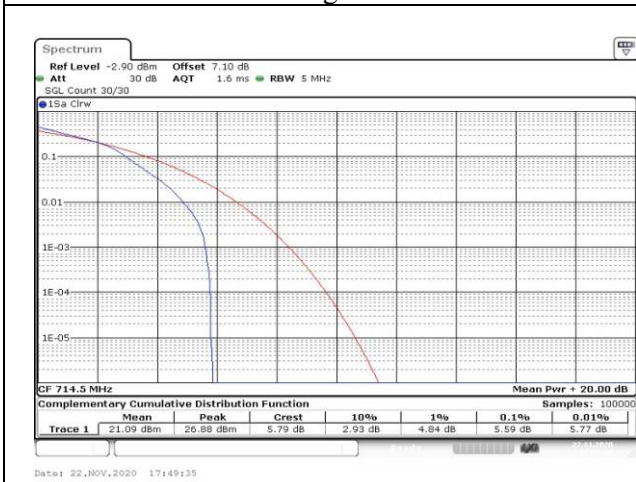


Fig.33

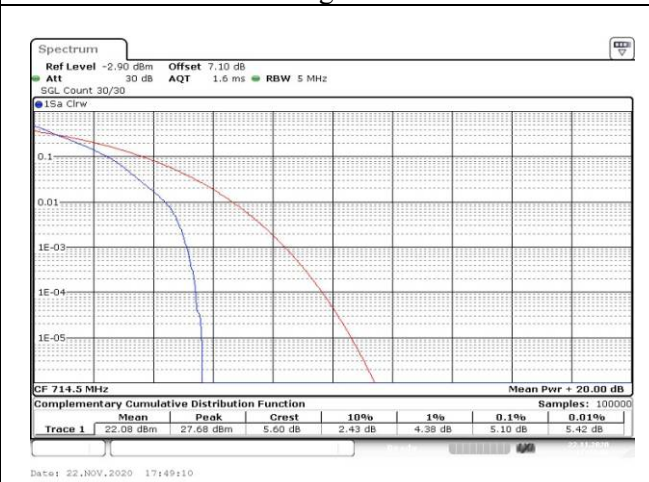


Fig.34

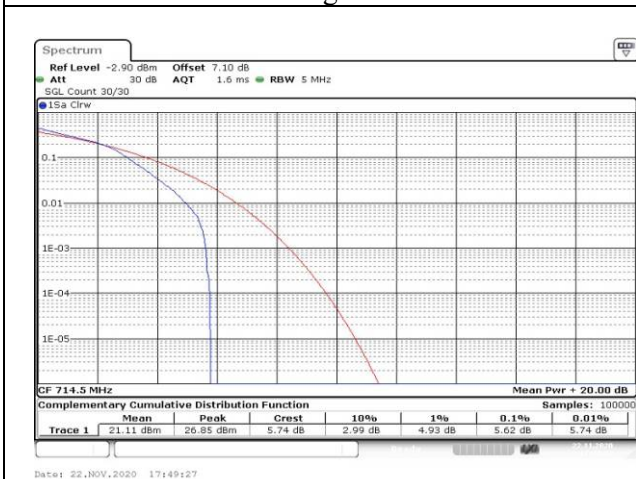


Fig.35

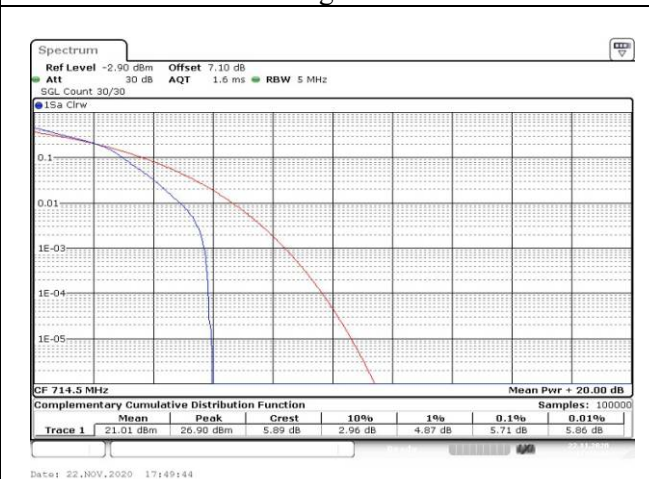


Fig.36

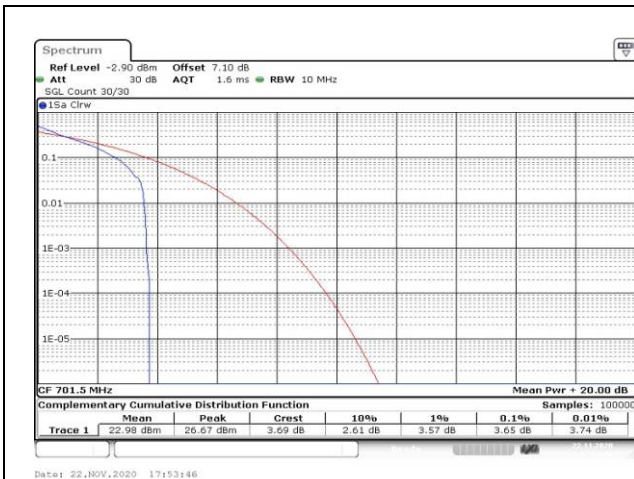


Fig.37

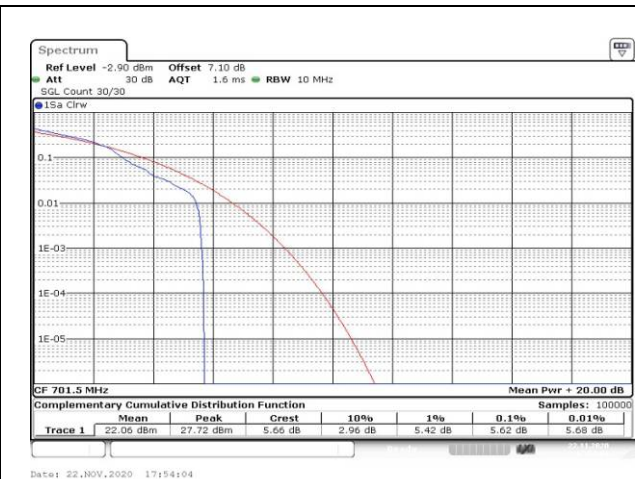


Fig.38



Fig.39

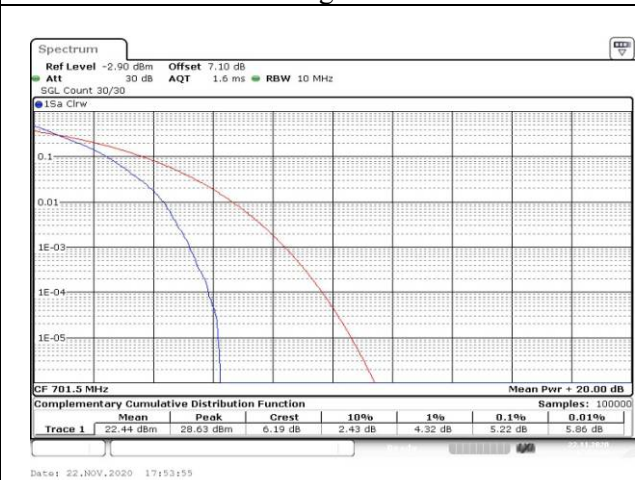


Fig.40

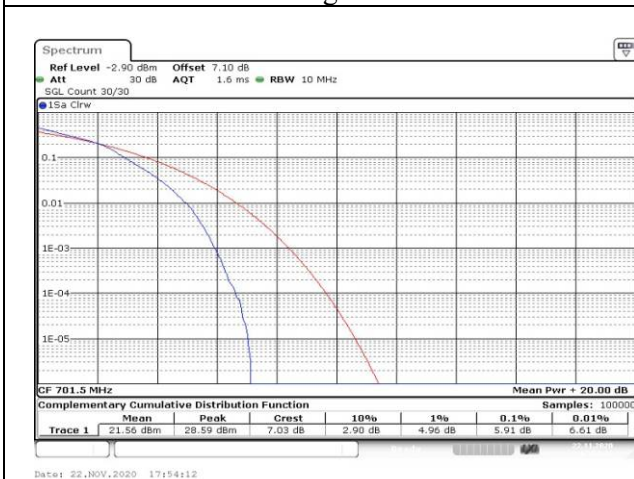


Fig.41

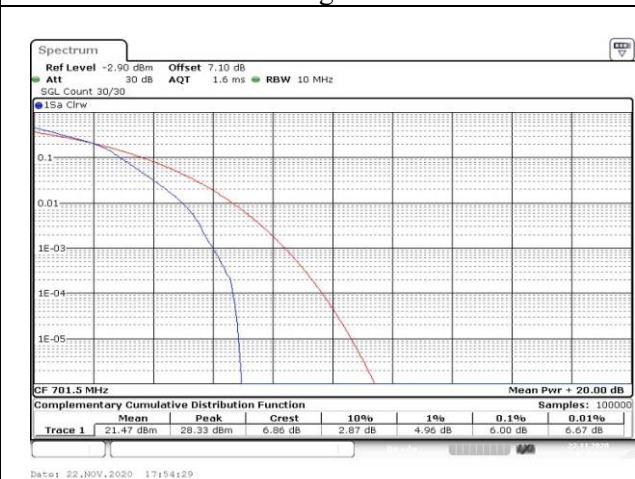


Fig.42

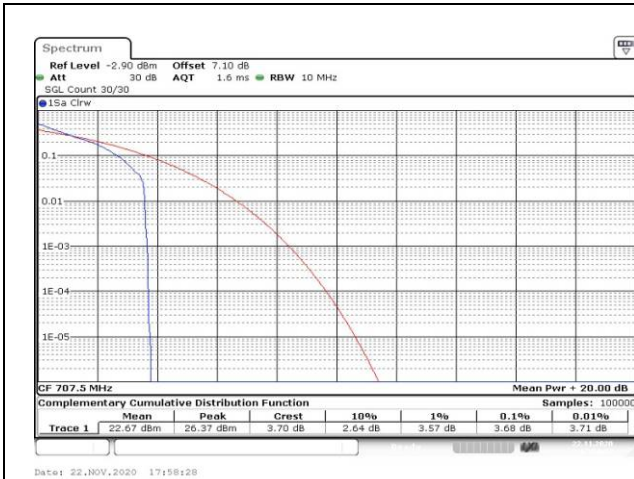


Fig.43

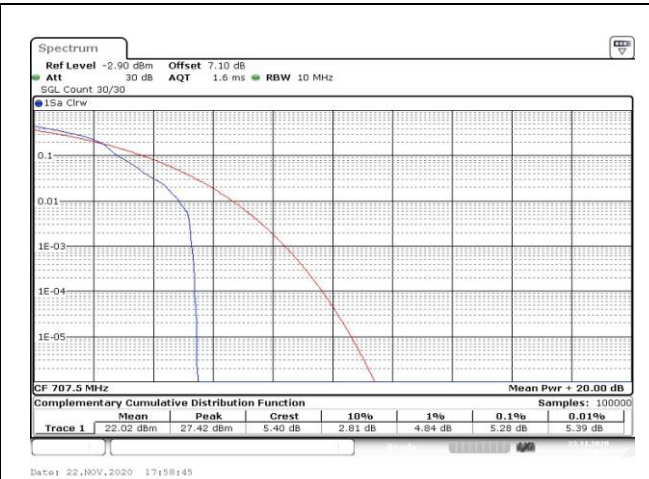


Fig.44



Fig.45



Fig.46

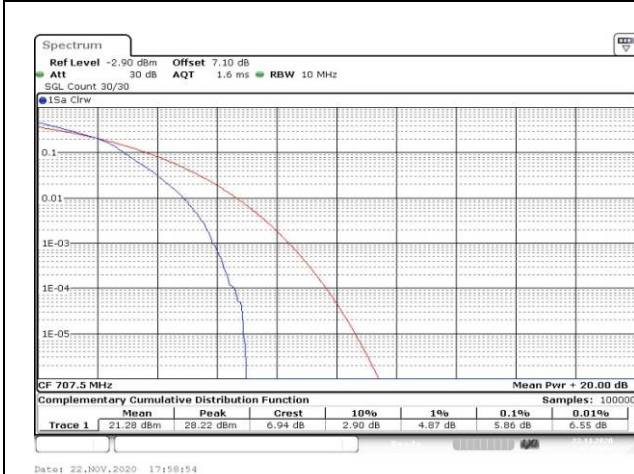


Fig.47

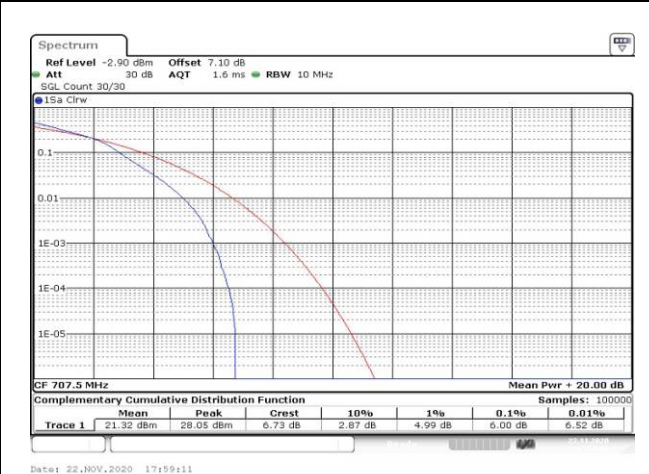


Fig.48

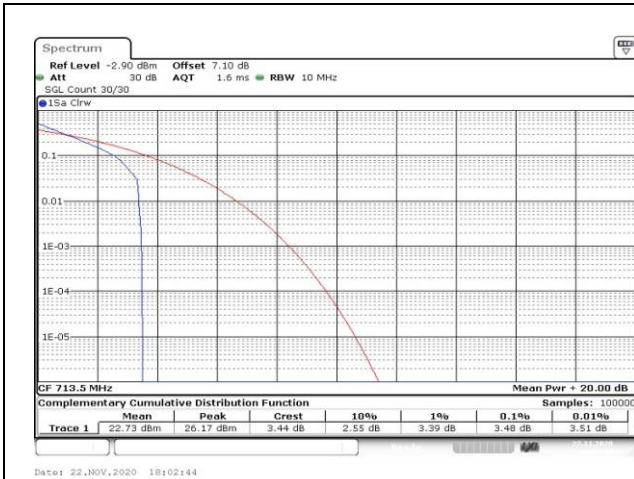


Fig.49

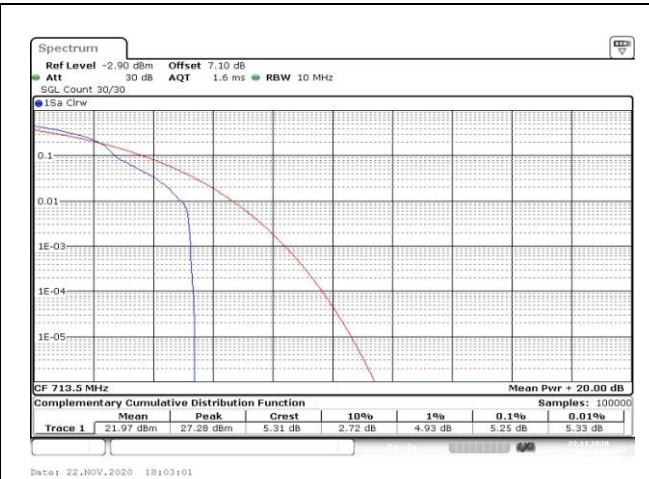


Fig.50



Fig.51



Fig.52



Fig.53



Fig.54

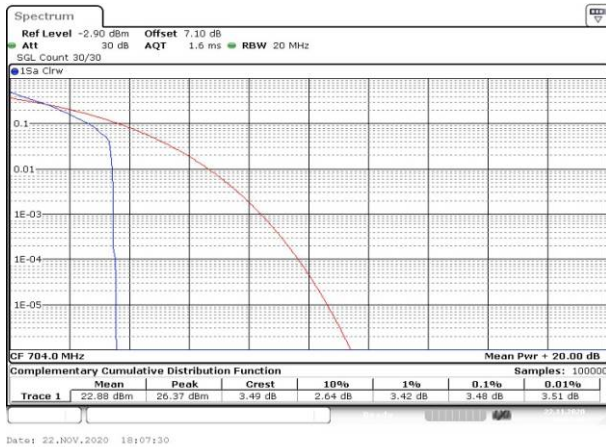


Fig.55

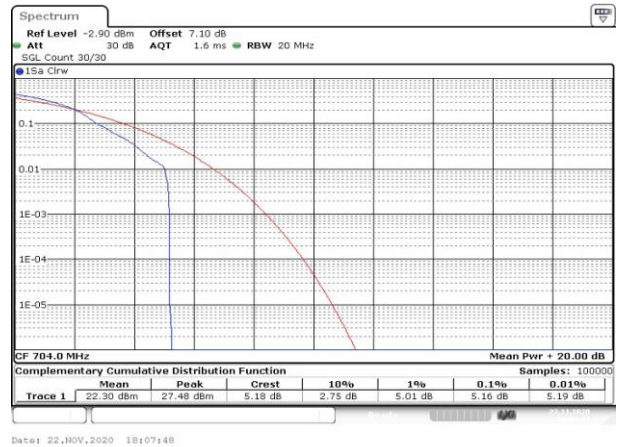


Fig.56

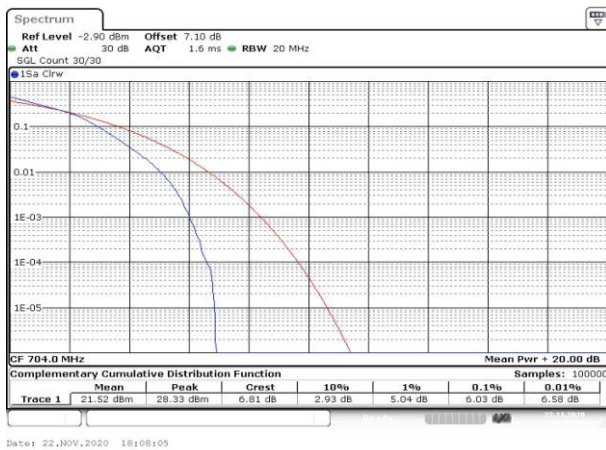


Fig.57

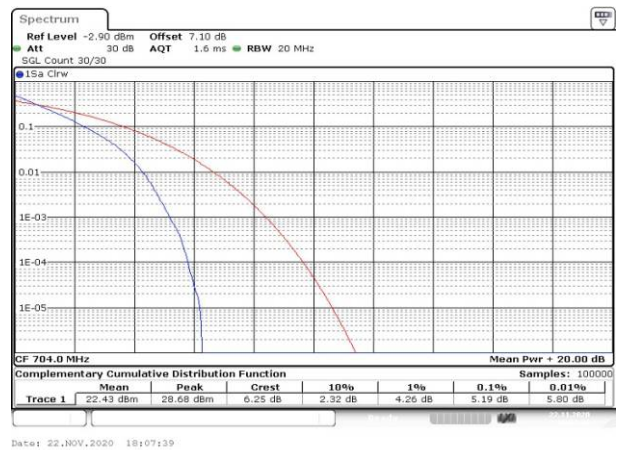


Fig.58

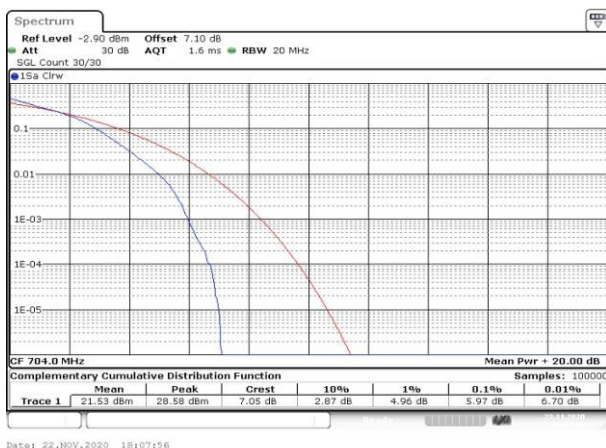


Fig.59

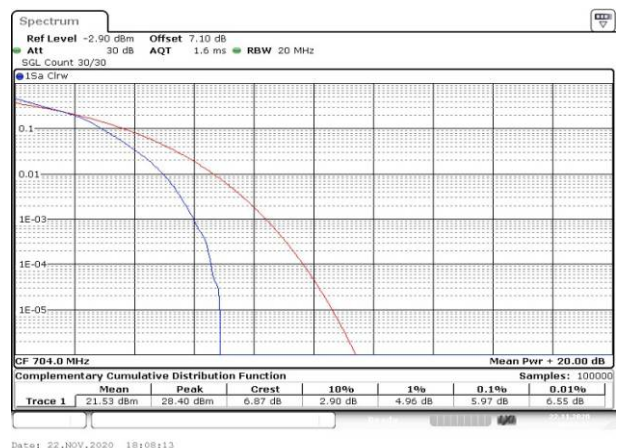


Fig.60

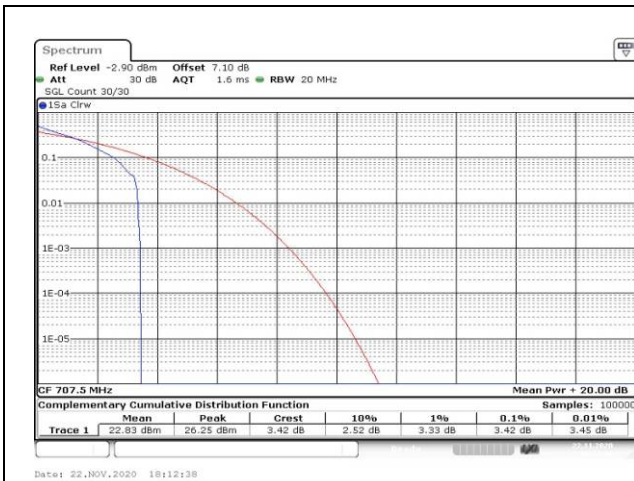


Fig.61

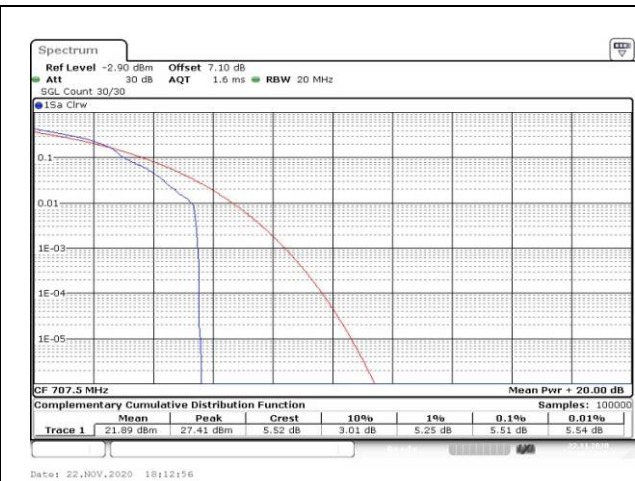


Fig.62



Fig.63



Fig.64

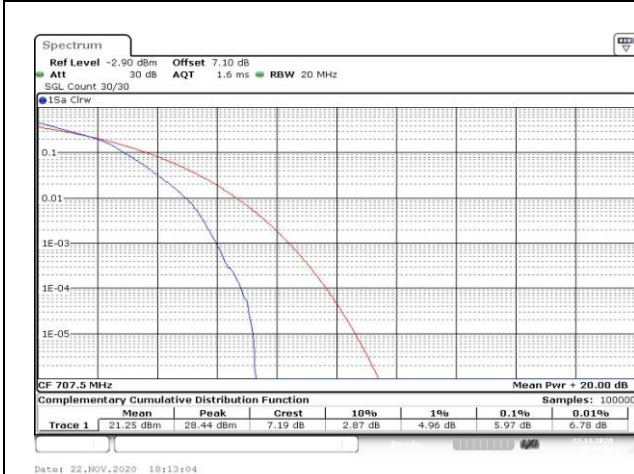


Fig.65

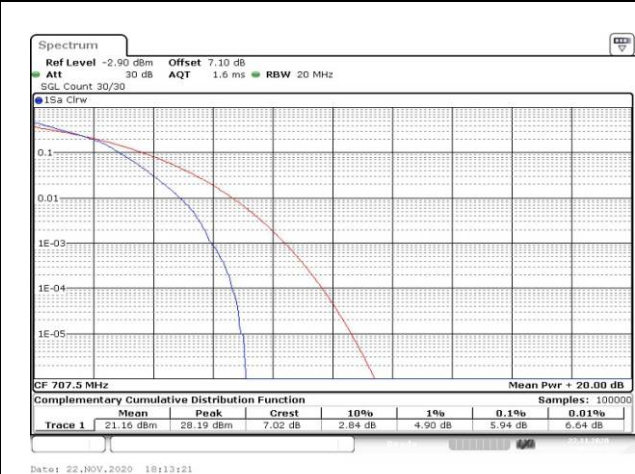


Fig.66

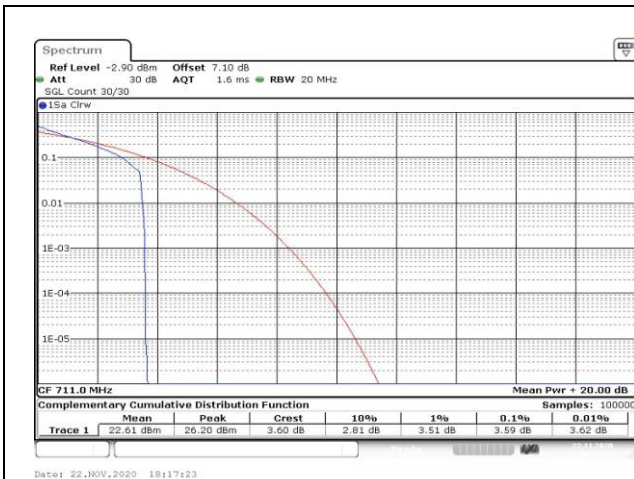


Fig.67

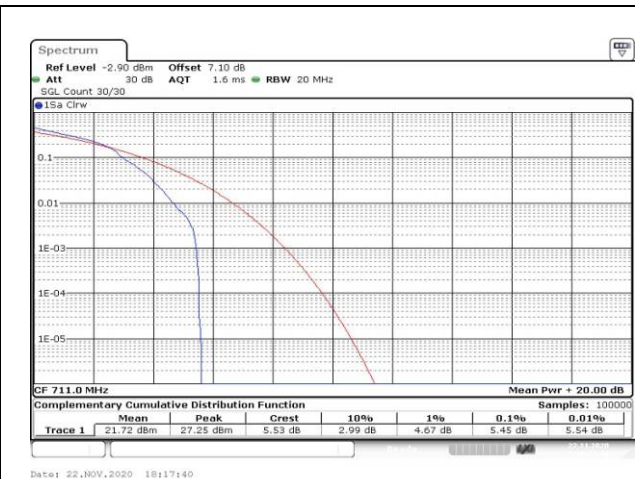


Fig.68



Fig.69

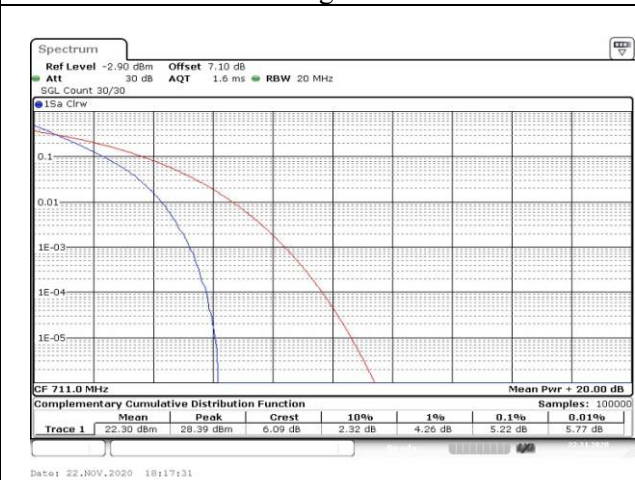


Fig.70

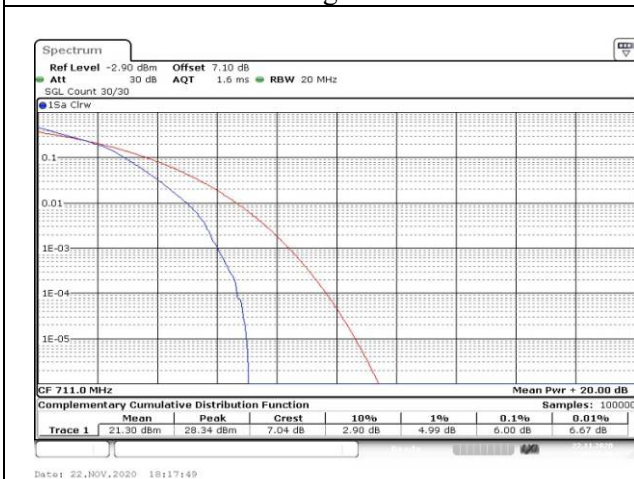


Fig.71

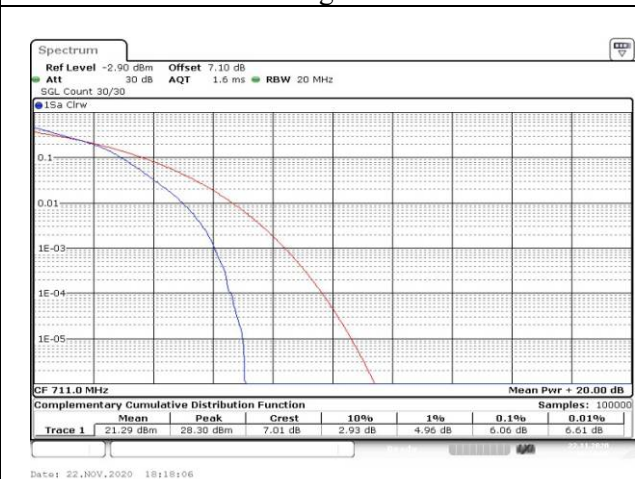


Fig.72

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	99	Fig.1
	707.5	23095		1	99	Fig.2
	711	23130		1	99	Fig.3

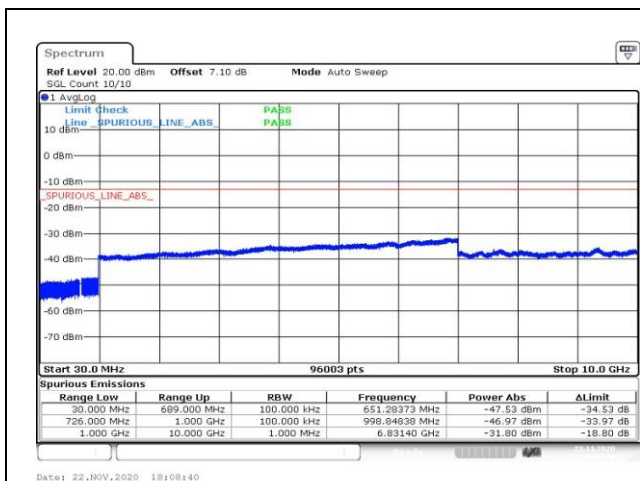


Fig.1

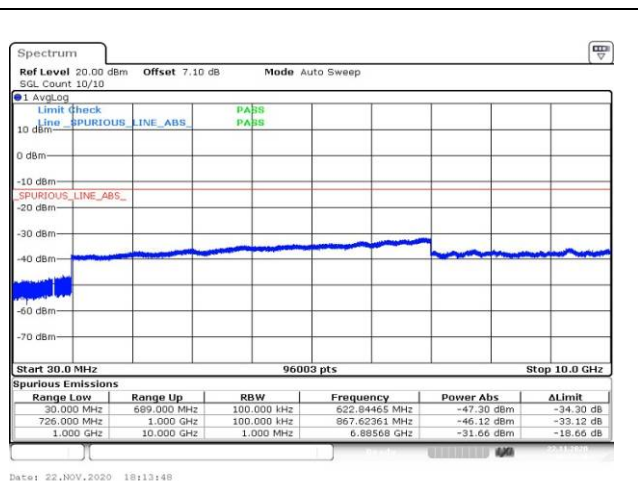


Fig.2

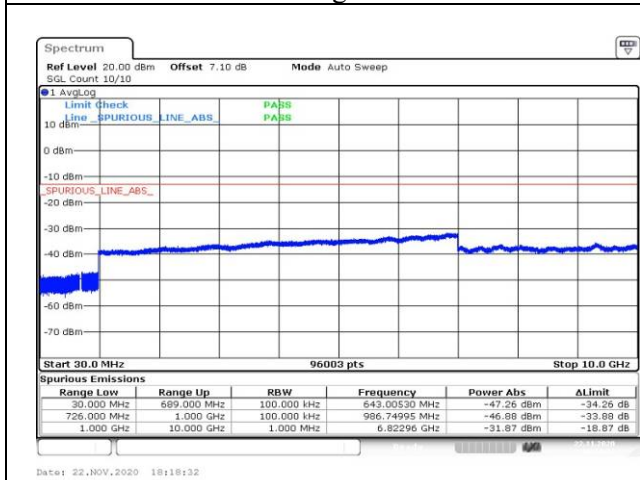
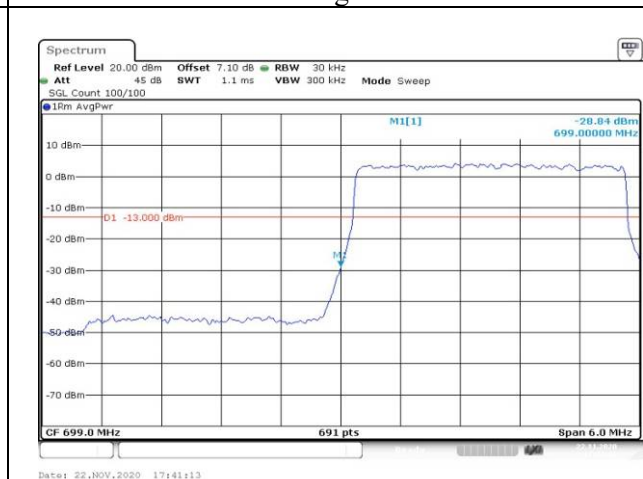
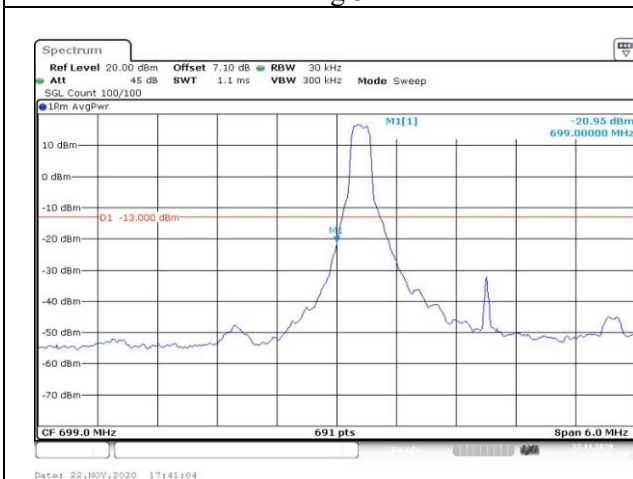
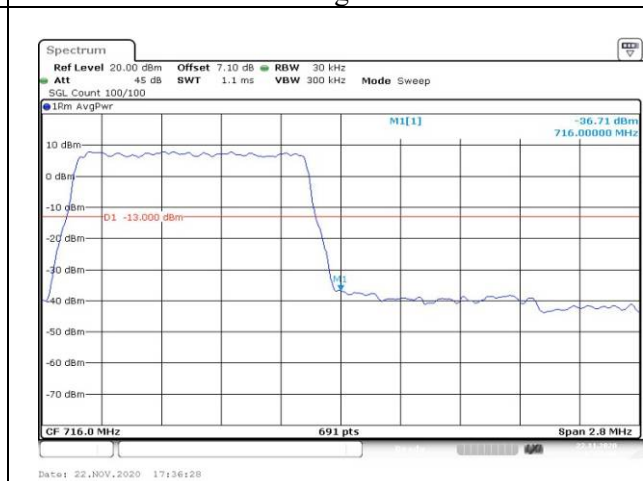
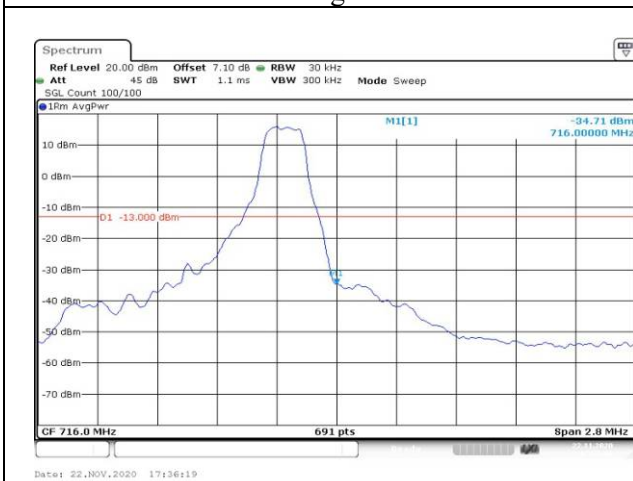
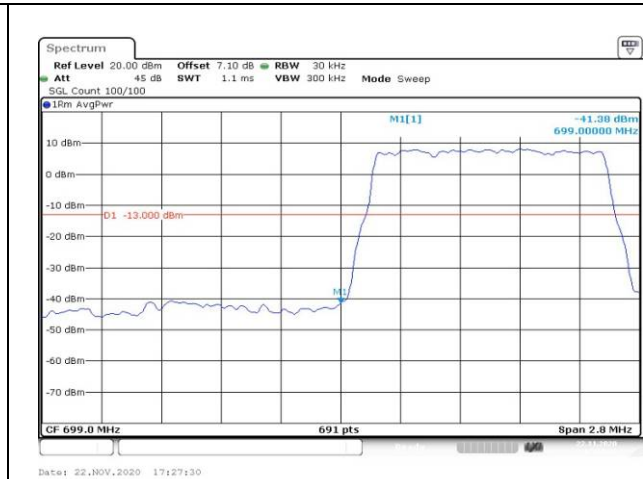
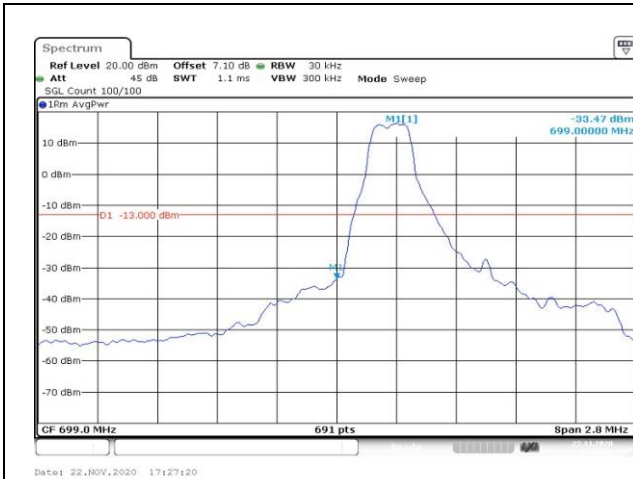
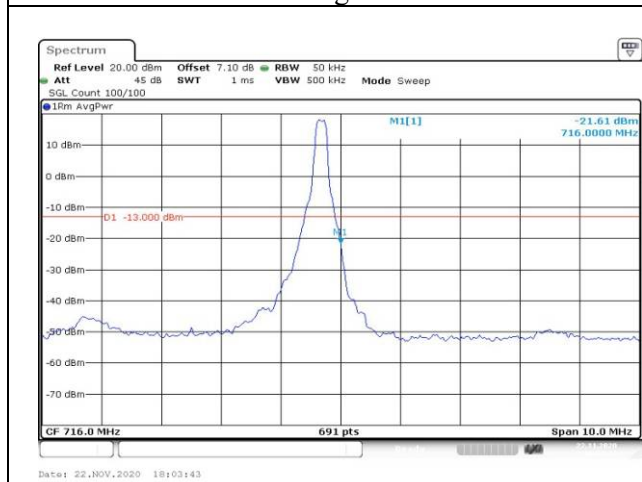
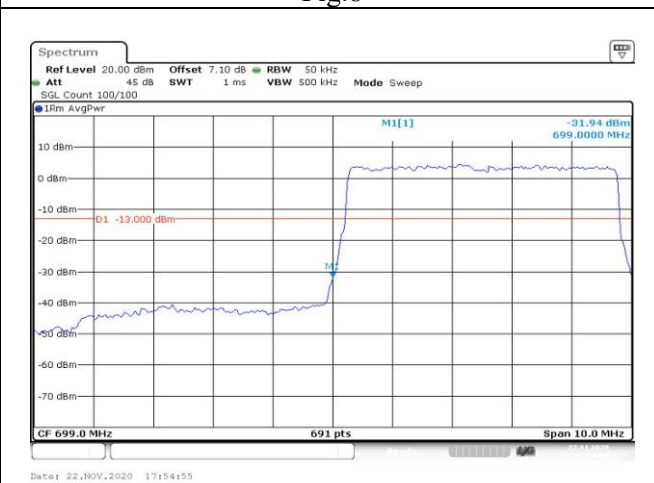
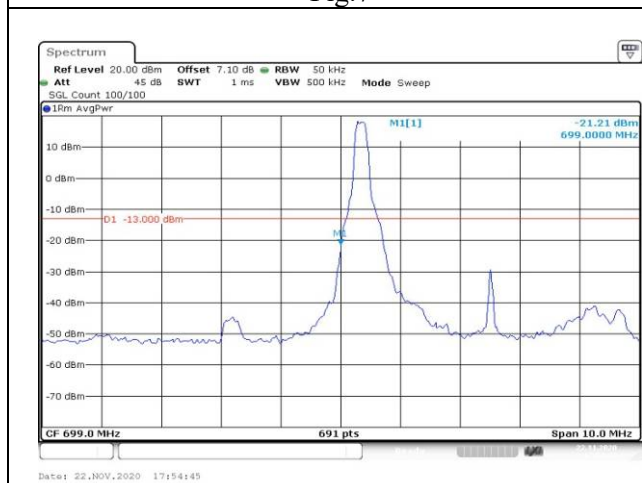
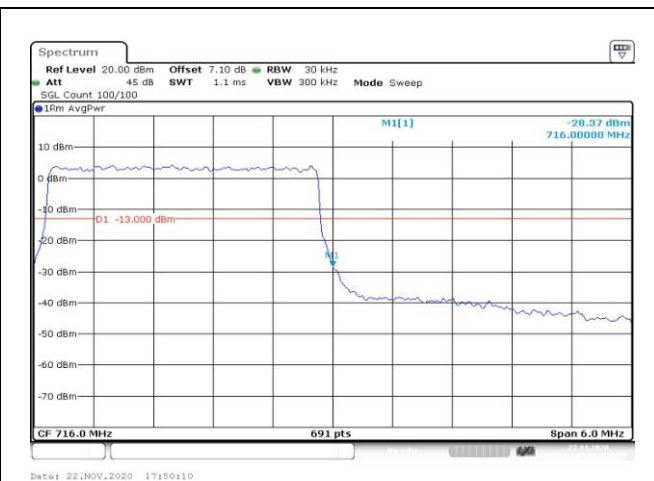
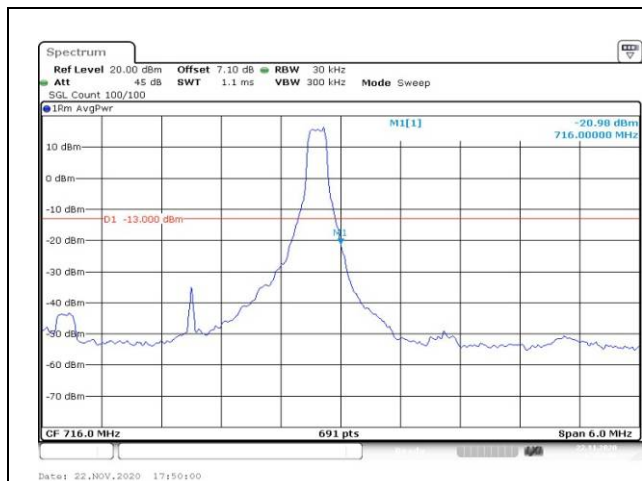


Fig.3

6 Band Edges Compliance

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
	715.3	23173		1	5	Fig.3
				6	0	Fig.4
	700.5	23025	3	1	0	Fig.5
				15	0	Fig.6
	714.5	23165		1	14	Fig.7
				15	0	Fig.8
	701.5	23035	5	1	0	Fig.9
				25	0	Fig.10
	713.5	23155		1	24	Fig.11
				25	0	Fig.12
	704	23060	10	1	0	Fig.13
				50	0	Fig.14
	711	23130		1	49	Fig.15
				50	0	Fig.16





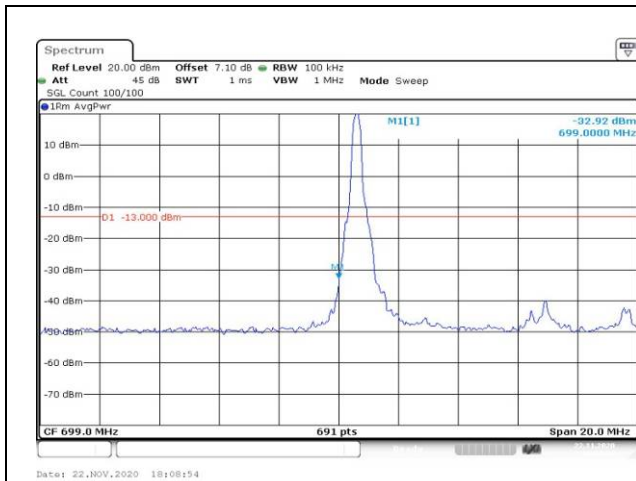


Fig.13

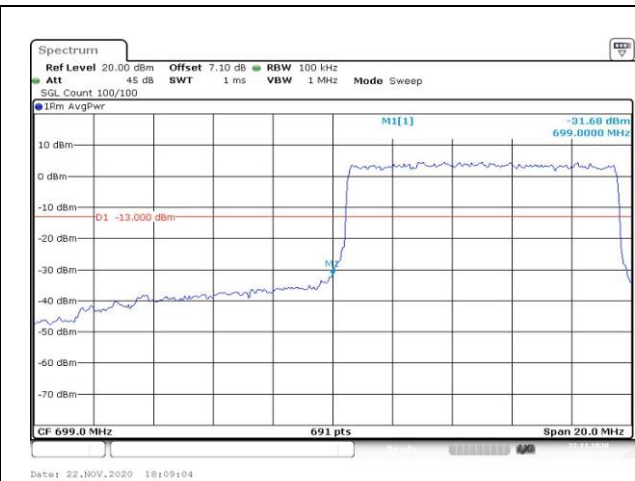


Fig.14

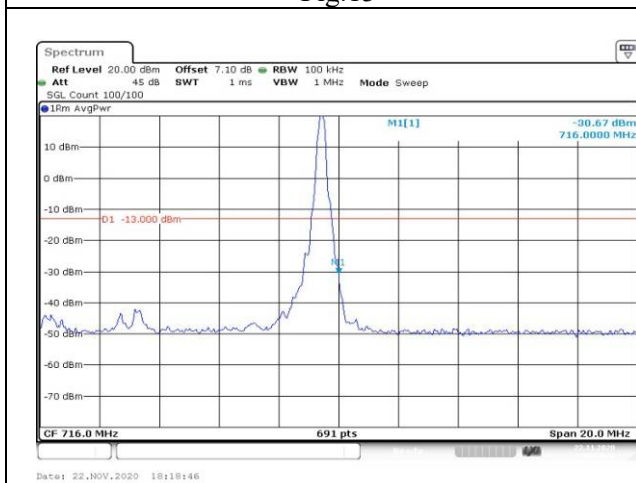


Fig.15



Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band12 Low Channel QPSK			
		1.4M	3M	5M	10M
-20	NV	0.006	-0.004	-0.001	0.001
-10	NV	0.001	0.014	0.013	0.011
0	NV	0.015	-0.009	-0.002	-0.009
+10	NV	-0.006	0.007	-0.012	0.011
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.007	-0.008	-0.003	0.013
+40	NV	0.007	0.001	0.002	-0.006
+50	NV	0.009	-0.010	0.003	-0.013
+55	NV	0.004	-0.008	0.008	-0.004
+20	LV	0.015	-0.008	0.012	0.011
+20	HV	0.012	-0.011	0.015	0.013

Temperature(°C)	Voltage	Test Result (ppm) Band12 High Channel QPSK			
		1.4M	3M	5M	10M
-20	NV	0.005	0.006	-0.007	0.013
-10	NV	0.004	0.010	0.005	-0.006
0	NV	0.003	0.000	-0.010	0.016
+10	NV	0.002	-0.001	0.009	0.002
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.002	-0.006	-0.009	0.010
+40	NV	-0.006	0.006	-0.002	-0.006
+50	NV	0.004	-0.009	0.001	-0.004
+55	NV	0.009	-0.005	0.002	-0.003
+20	LV	0.015	0.015	0.009	-0.011
+20	HV	0.005	0.006	-0.007	0.013

8 Effective Radiated Power and Effective Isotropic Radiated Power

Effective Radiated Power and Effective Isotropic Radiated Power									
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	699.7	23017	1.4	1	0	23.56	22.41	0.174	
				1	3	23.55	22.40	0.174	
				1	5	23.47	22.32	0.171	
				3	0	23.53	22.38	0.173	
				3	1	23.52	22.37	0.173	
				3	3	23.52	22.37	0.173	
	6	0		22.62	21.47	0.140			
	707.5	23095		1	0	23.44	22.29	0.169	
				1	3	23.46	22.31	0.170	
				1	5	23.45	22.30	0.170	
				3	0	23.38	22.23	0.167	
				3	1	23.48	22.33	0.171	
				3	3	23.42	22.27	0.169	
	6	0		22.44	21.29	0.135			
	715.3	23173		1	0	23.34	22.19	0.166	
				1	3	23.34	22.19	0.166	
				1	5	23.29	22.14	0.164	
				3	0	23.36	22.21	0.166	
				3	1	23.26	22.11	0.163	
				3	3	23.21	22.06	0.161	
	16QAM	699.7		23017	6	0	22.32	21.17	0.131
					1	0	22.69	21.54	0.143
					1	3	22.81	21.66	0.147
					1	5	22.55	21.40	0.138
3			0		22.70	21.55	0.143		
3			1		22.86	21.71	0.148		
3		3	22.77	21.62	0.145				
6		0	21.68	20.53	0.113				
707.5		23095	1	0	22.72	21.57	0.144		
			1	3	22.53	21.38	0.137		
			1	5	22.56	21.41	0.138		
			3	0	22.35	21.20	0.132		
			3	1	22.53	21.38	0.137		
			3	3	22.63	21.48	0.141		
6		0	21.59	20.44	0.111				
715.3		23173	1	0	22.69	21.54	0.143		
			1	3	22.69	21.54	0.143		
			1	5	22.69	21.54	0.143		
			3	0	22.46	21.31	0.135		
			3	1	22.44	21.29	0.135		
			3	3	22.35	21.20	0.132		
6		0	21.44	20.29	0.107				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	699.7	23017	1.4	1	0	21.59	20.44	0.111
				1	3	21.57	20.42	0.110
				1	5	21.57	20.42	0.110
				3	0	21.64	20.49	0.112
				3	1	21.64	20.49	0.112
				3	3	21.65	20.50	0.112
	6	0		21.81	20.66	0.116		
	707.5	23095		1	0	21.47	20.32	0.108
				1	3	21.52	20.37	0.109
				1	5	21.45	20.30	0.107
				3	0	21.52	20.37	0.109
				3	1	21.51	20.36	0.109
				3	3	21.52	20.37	0.109
	6	0		21.59	20.44	0.111		
	715.3	23173		1	0	21.39	20.24	0.106
				1	3	21.46	20.31	0.107
				1	5	21.45	20.30	0.107
				3	0	21.38	20.23	0.105
				3	1	21.40	20.25	0.106
				3	3	21.46	20.31	0.107
				6	0	21.49	20.34	0.108

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	700.5	23025	3	1	0	23.63	22.48	0.177
				1	8	23.52	22.37	0.173
				1	14	23.54	22.39	0.173
				8	0	22.70	21.55	0.143
				8	4	22.62	21.47	0.140
				8	7	22.64	21.49	0.141
				15	0	22.67	21.52	0.142
	707.5	23095		1	0	23.70	22.55	0.180
				1	8	23.53	22.38	0.173
				1	14	23.58	22.43	0.175
				8	0	22.56	21.41	0.138
				8	4	22.56	21.41	0.138
				8	7	22.60	21.45	0.140
				15	0	22.63	21.48	0.141
	714.5	23165		1	0	23.51	22.36	0.172
				1	8	23.40	22.25	0.168
				1	14	23.49	22.34	0.171
				8	0	22.51	21.36	0.137
				8	4	22.43	21.28	0.134
				8	7	22.38	21.23	0.133
				15	0	22.47	21.32	0.136
16QAM	700.5	23025	1	0	22.96	21.81	0.152	
			1	8	22.85	21.70	0.148	
			1	14	22.90	21.75	0.150	
			8	0	21.69	20.54	0.113	
			8	4	21.69	20.54	0.113	
			8	7	21.69	20.54	0.113	
			15	0	21.65	20.50	0.112	
	707.5	23095	1	0	22.86	21.71	0.148	
			1	8	22.81	21.66	0.147	
			1	14	22.83	21.68	0.147	
			8	0	21.53	20.38	0.109	
			8	4	21.56	20.41	0.110	
			8	7	21.60	20.45	0.111	
			15	0	21.61	20.46	0.111	
	714.5	23165	1	0	22.85	21.70	0.148	
			1	8	22.66	21.51	0.142	
			1	14	22.80	21.65	0.146	
			8	0	21.45	20.30	0.107	
			8	4	21.39	20.24	0.106	
			8	7	21.45	20.30	0.107	
			15	0	21.39	20.24	0.106	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	700.5	23025	3	1	0	21.76	20.61	0.115
				1	8	21.74	20.59	0.115
				1	14	21.72	20.57	0.114
				8	0	21.77	20.62	0.115
				8	4	21.74	20.59	0.115
				8	7	21.63	20.48	0.112
	707.5	23095		15	0	21.68	20.53	0.113
				1	0	21.67	20.52	0.113
				1	8	21.56	20.41	0.110
				1	14	21.64	20.49	0.112
				8	0	21.65	20.50	0.112
				8	4	21.60	20.45	0.111
	714.5	23165		8	7	21.57	20.42	0.110
				15	0	21.57	20.42	0.110
				1	0	21.44	20.29	0.107
				1	8	21.52	20.37	0.109
				1	14	21.49	20.34	0.108
				8	0	21.41	20.26	0.106
				8	4	21.41	20.26	0.106
				8	7	21.42	20.27	0.106
	15	0		21.41	20.26	0.106		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	701.5	23035	5	1	0	23.60	22.45	0.176
				1	12	23.62	22.47	0.177
				1	24	23.60	22.45	0.176
				12	0	22.73	21.58	0.144
				12	7	22.66	21.51	0.142
				12	13	22.66	21.51	0.142
				25	0	22.69	21.54	0.143
	707.5	23095		1	0	23.65	22.50	0.178
				1	12	23.56	22.41	0.174
				1	24	23.51	22.36	0.172
				12	0	22.69	21.54	0.143
				12	7	22.61	21.46	0.140
				12	13	22.62	21.47	0.140
				25	0	22.56	21.41	0.138
	713.5	23155		1	0	23.50	22.35	0.172
				1	12	23.36	22.21	0.166
				1	24	23.45	22.30	0.170
				12	0	22.53	21.38	0.137
				12	7	22.45	21.30	0.135
				12	13	22.51	21.36	0.137
				25	0	22.45	21.30	0.135
16QAM	701.5	23035		1	0	22.77	21.62	0.145
				1	12	22.60	21.45	0.140
				1	24	22.56	21.41	0.138
				12	0	21.79	20.64	0.116
				12	7	21.75	20.60	0.115
				12	13	21.68	20.53	0.113
				25	0	21.82	20.67	0.117
	707.5	23095	1	0	23.00	21.85	0.153	
			1	12	22.60	21.45	0.140	
			1	24	22.58	21.43	0.139	
			12	0	21.68	20.53	0.113	
			12	7	21.66	20.51	0.112	
			12	13	21.60	20.45	0.111	
			25	0	21.61	20.46	0.111	
	713.5	23155	1	0	22.74	21.59	0.144	
			1	12	22.90	21.75	0.150	
			1	24	22.84	21.69	0.148	
			12	0	21.58	20.43	0.110	
			12	7	21.61	20.46	0.111	
			12	13	21.42	20.27	0.106	
			25	0	21.54	20.39	0.109	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	701.5	23035	5	1	0	21.73	20.58	0.114
				1	12	21.71	20.56	0.114
				1	24	21.68	20.53	0.113
				12	0	21.76	20.61	0.115
				12	7	21.70	20.55	0.114
				12	13	21.76	20.61	0.115
	707.5	23095		25	0	21.73	20.58	0.114
				1	0	21.67	20.52	0.113
				1	12	21.60	20.45	0.111
				1	24	21.66	20.51	0.112
				12	0	21.68	20.53	0.113
				12	7	21.72	20.57	0.114
	713.5	23155		12	13	21.60	20.45	0.111
				25	0	21.64	20.49	0.112
				1	0	21.58	20.43	0.110
				1	12	21.56	20.41	0.110
				1	24	21.54	20.39	0.109
				12	0	21.51	20.36	0.109
				12	7	21.49	20.34	0.108
				12	13	21.54	20.39	0.109
	25	0		21.50	20.35	0.108		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	704	23060	10	1	0	23.69	22.54	0.179	
				1	25	23.49	22.34	0.171	
				1	49	23.59	22.44	0.175	
				25	0	22.62	21.47	0.140	
				25	12	22.62	21.47	0.140	
				25	25	22.64	21.49	0.141	
				50	0	22.72	21.57	0.144	
	707.5	23095		1	0	23.54	22.39	0.173	
				1	25	23.47	22.32	0.171	
				1	49	23.39	22.24	0.167	
				25	0	22.66	21.51	0.142	
				25	12	22.64	21.49	0.141	
				25	25	22.64	21.49	0.141	
				50	0	22.57	21.42	0.139	
	711	23130		1	0	24.00	22.85	0.193	
				1	25	23.43	22.28	0.169	
				1	49	23.42	22.27	0.169	
				25	0	22.62	21.47	0.140	
				25	12	22.54	21.39	0.138	
				25	25	22.48	21.33	0.136	
				50	0	22.63	21.48	0.141	
	16QAM	704		23060	1	0	22.76	21.61	0.145
					1	25	22.43	21.28	0.134
					1	49	22.71	21.56	0.143
25					0	21.79	20.64	0.116	
25					12	21.72	20.57	0.114	
25					25	21.71	20.56	0.114	
50					0	21.74	20.59	0.115	
707.5		23095		1	0	22.69	21.54	0.143	
				1	25	22.63	21.48	0.141	
			1	49	22.57	21.42	0.139		
			25	0	21.66	20.51	0.112		
			25	12	21.55	20.40	0.110		
			25	25	21.60	20.45	0.111		
			50	0	21.58	20.43	0.110		
711		23130	1	0	22.94	21.79	0.151		
			1	25	22.67	21.52	0.142		
			1	49	22.81	21.66	0.147		
			25	0	21.67	20.52	0.113		
			25	12	21.60	20.45	0.111		
			25	25	21.58	20.43	0.110		
			50	0	21.63	20.48	0.112		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	704	23060	10	1	0	21.70	20.55	0.114
				1	25	21.71	20.56	0.114
				1	49	21.72	20.57	0.114
				25	0	21.78	20.63	0.116
				25	12	21.69	20.54	0.113
				25	25	21.74	20.59	0.115
	707.5	23095		50	0	21.72	20.57	0.114
				1	0	21.64	20.49	0.112
				1	25	21.62	20.47	0.111
				1	49	21.58	20.43	0.110
				25	0	21.58	20.43	0.110
				25	12	21.63	20.48	0.112
	711	23130		25	25	21.63	20.48	0.112
				50	0	21.54	20.39	0.109
				1	0	21.63	20.48	0.112
				1	25	21.57	20.42	0.110
				1	49	21.56	20.41	0.110
				25	0	21.65	20.50	0.112
				25	12	21.59	20.44	0.111
				25	25	21.65	20.50	0.112
				50	0	21.61	20.46	0.111