

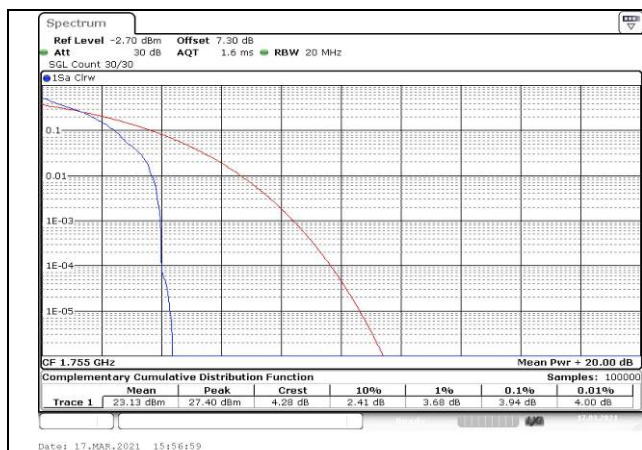


Fig.61

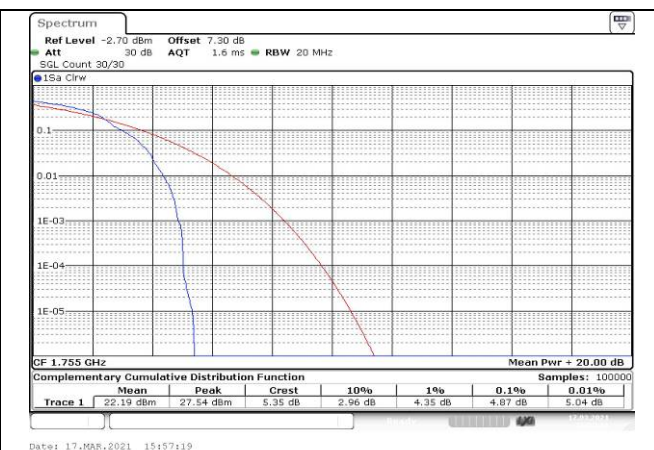


Fig.62

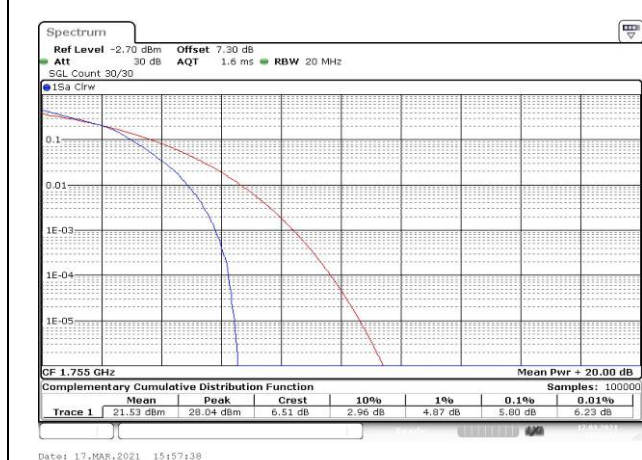


Fig.63

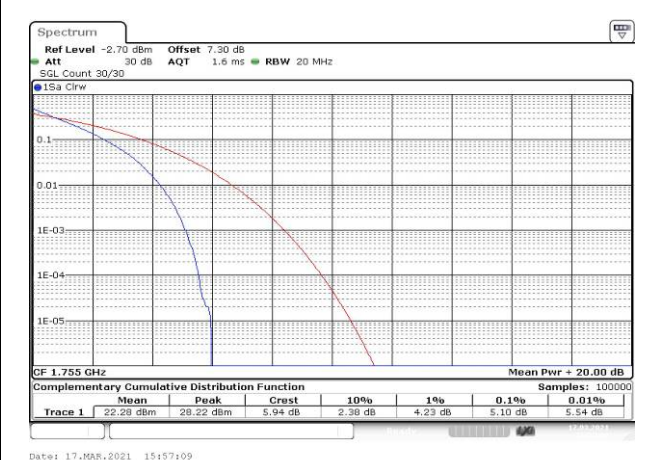


Fig.64

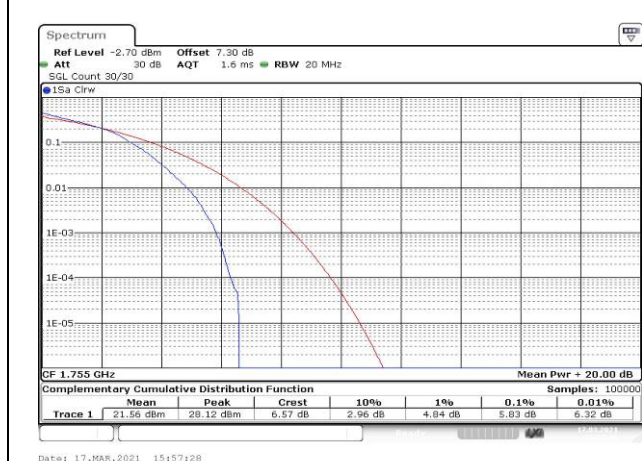


Fig.65

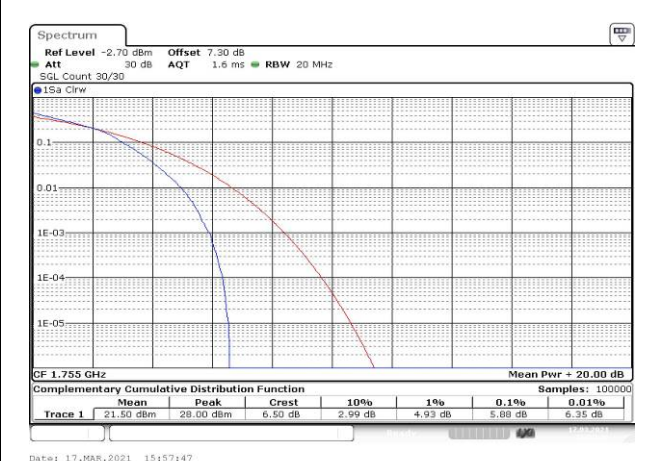


Fig.66

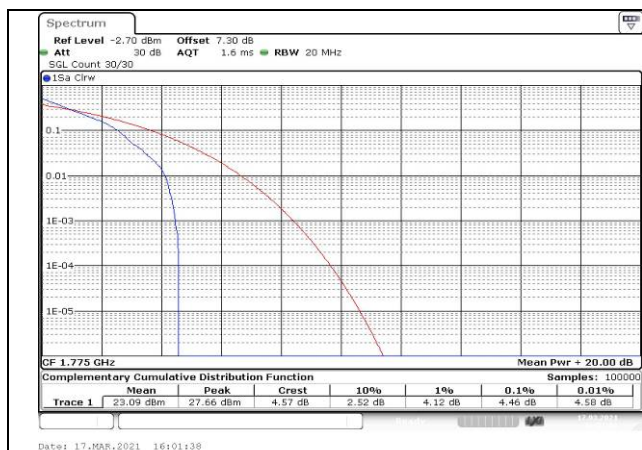


Fig.67

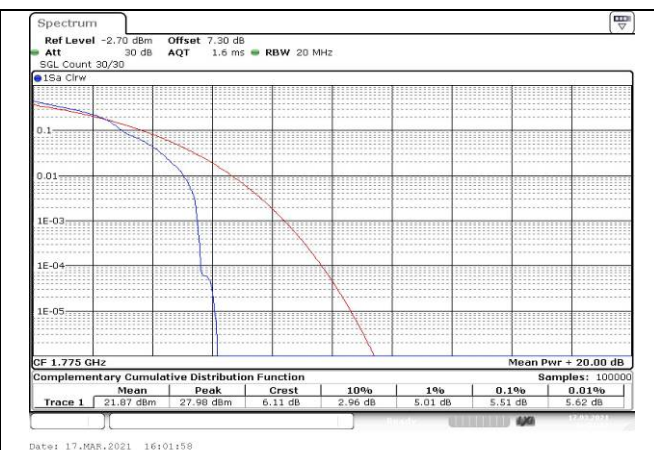


Fig.68

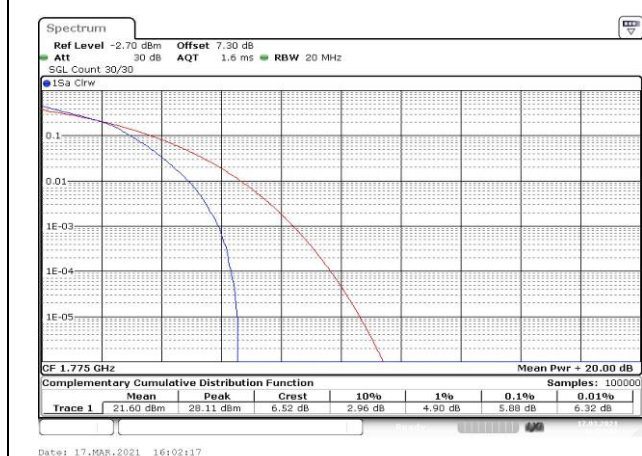


Fig.69

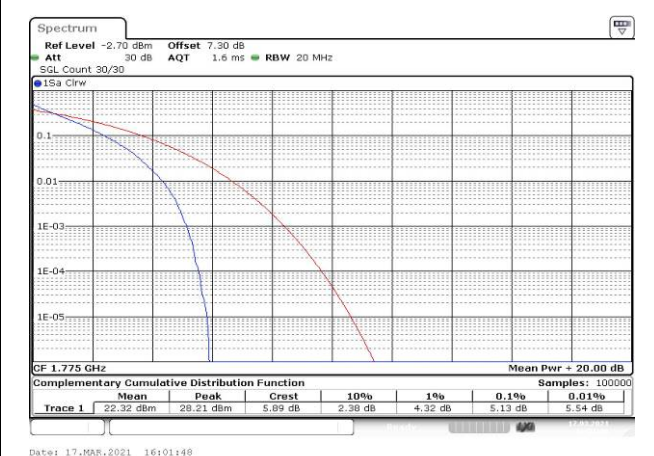


Fig.70

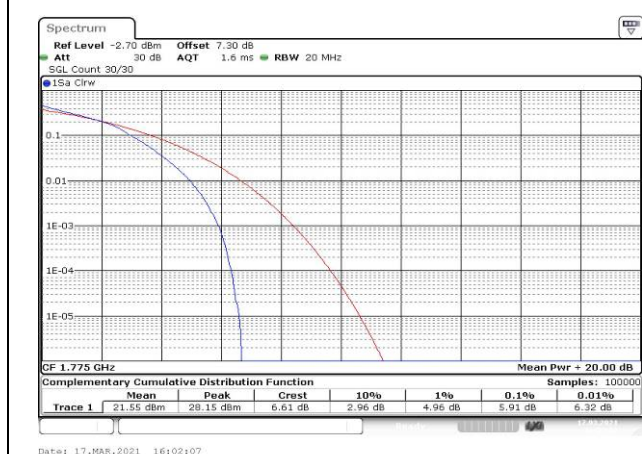


Fig.71

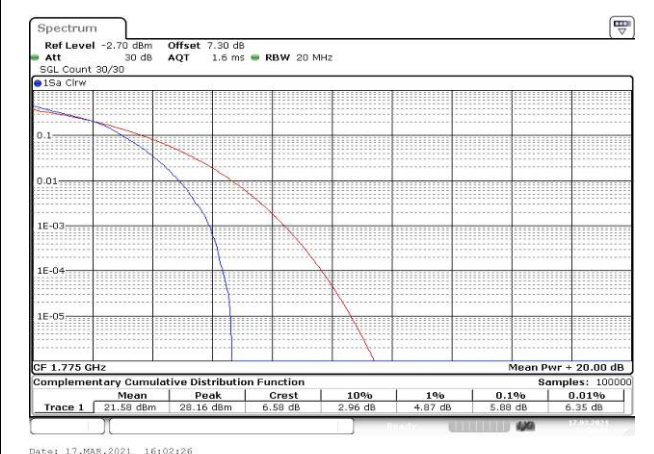


Fig.72

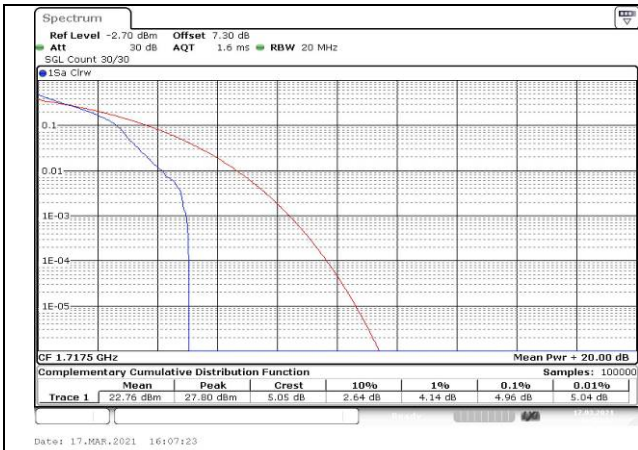


Fig.73

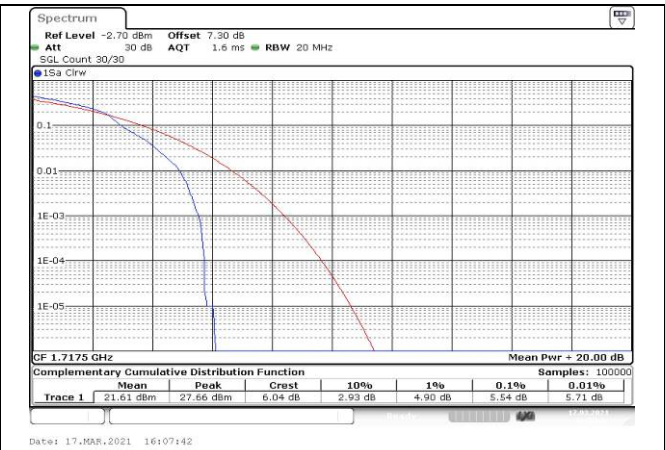


Fig.74

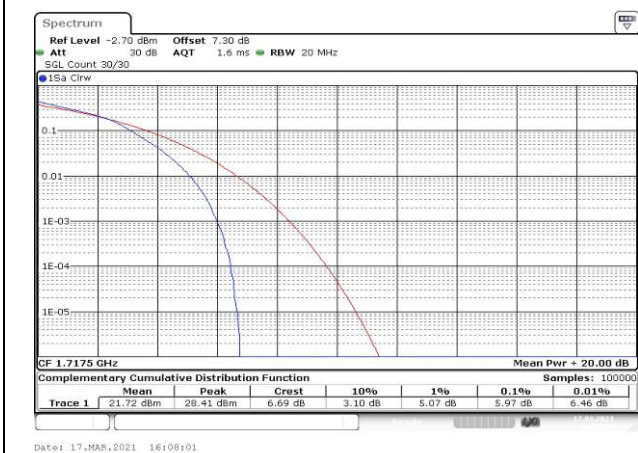


Fig.75

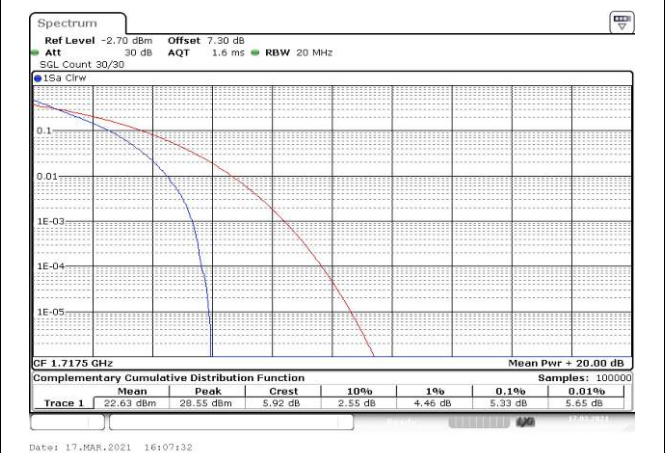


Fig.76

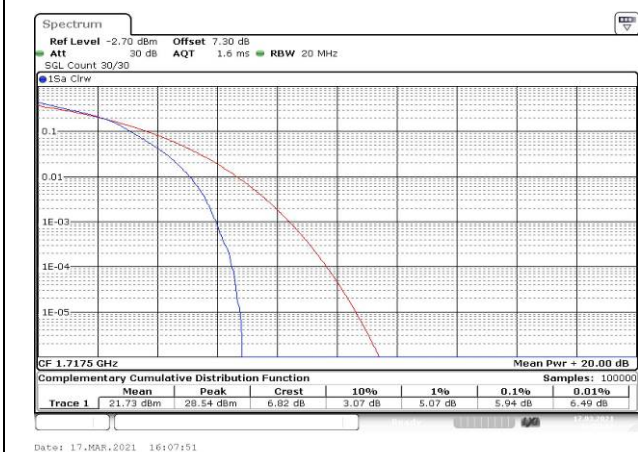


Fig.77

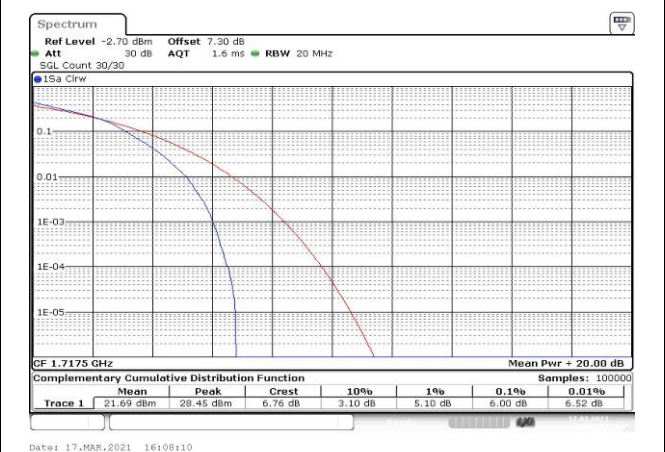


Fig.78

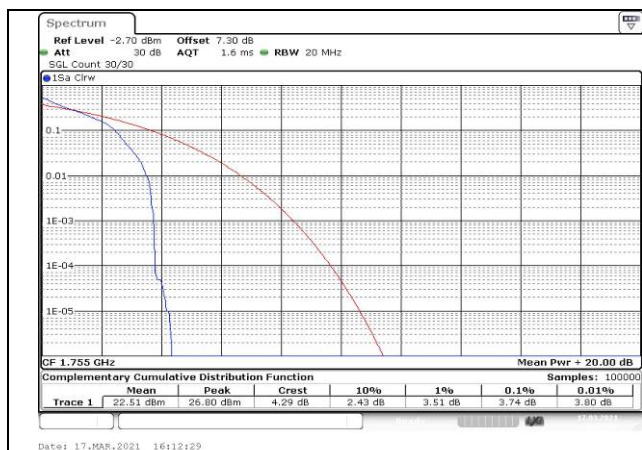


Fig.79

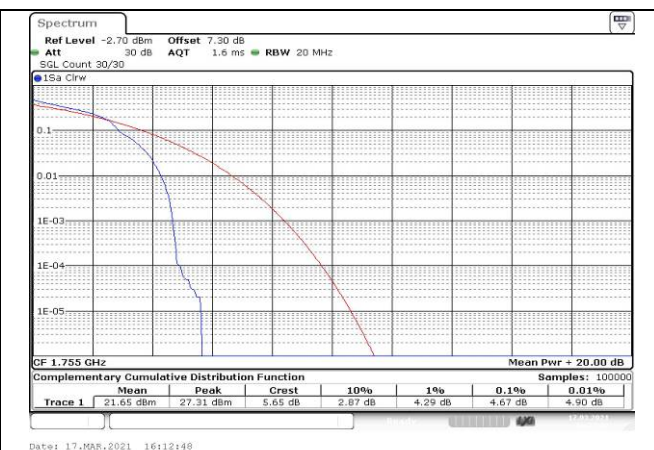


Fig.80

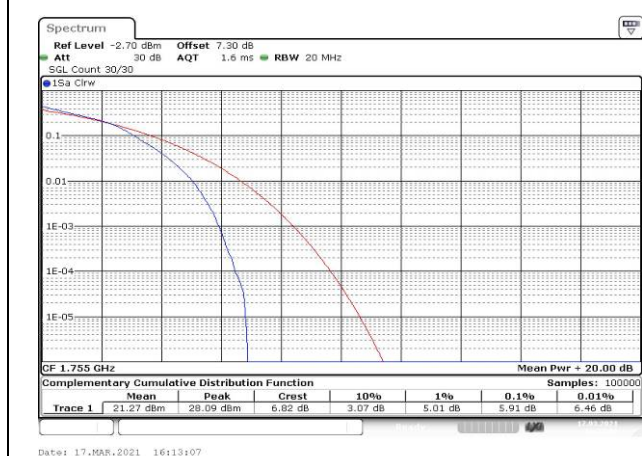


Fig.81

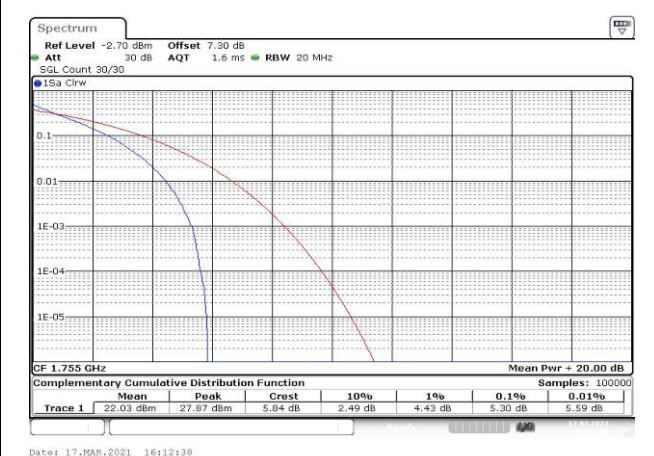


Fig.82

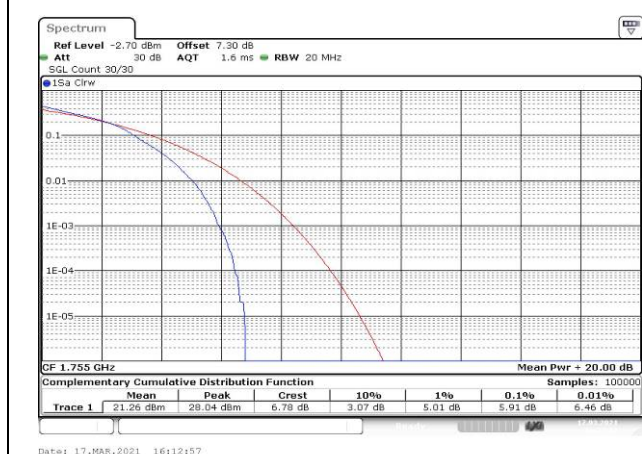


Fig.83

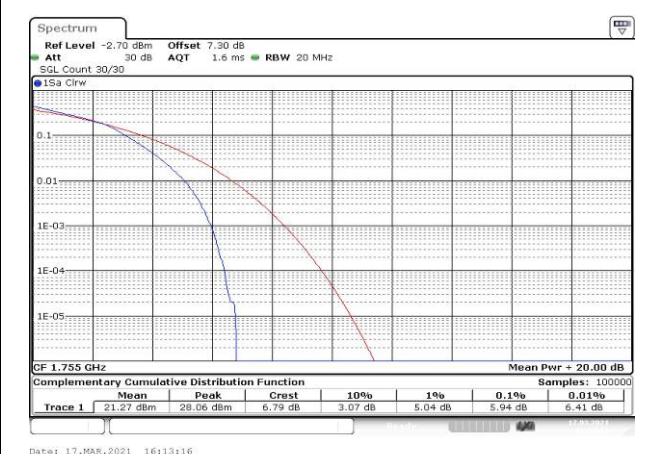


Fig.84

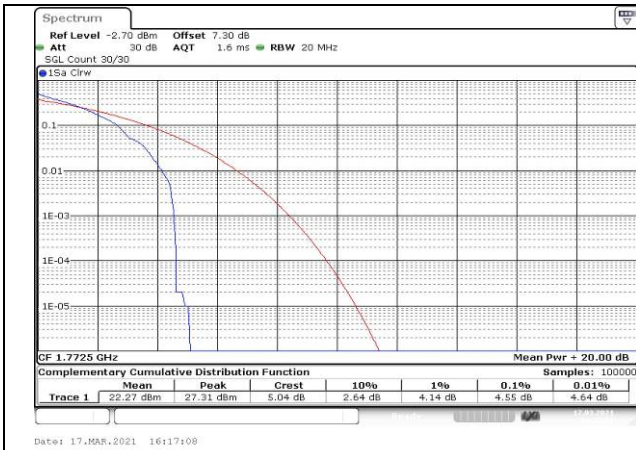


Fig.85

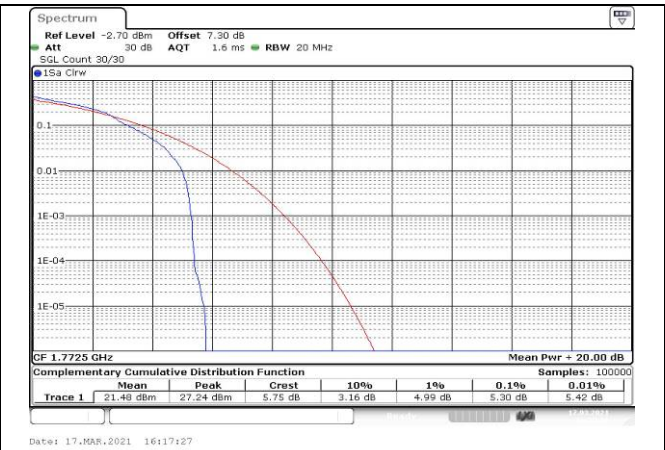


Fig.86

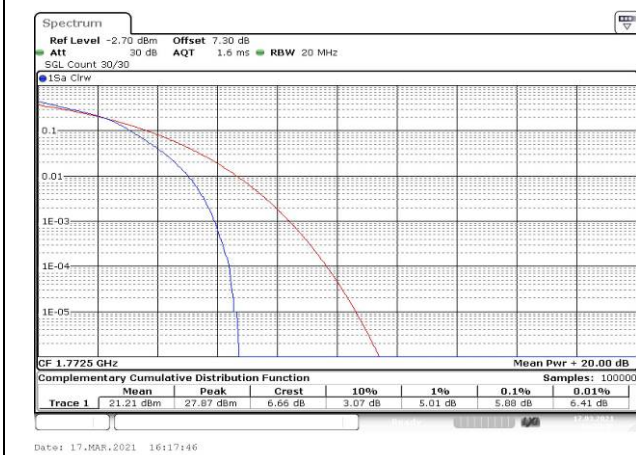


Fig.87

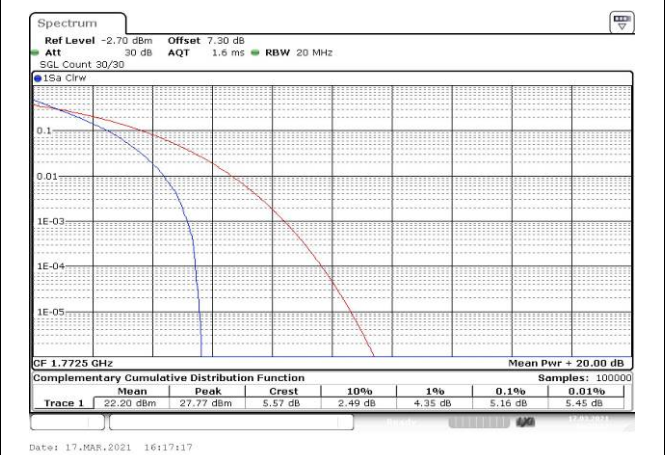


Fig.88

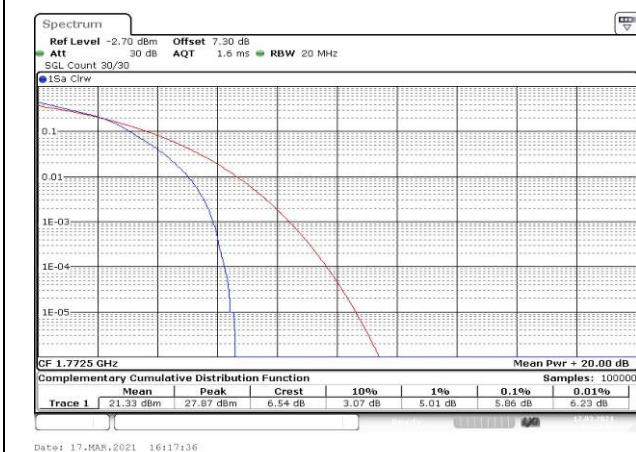


Fig.89

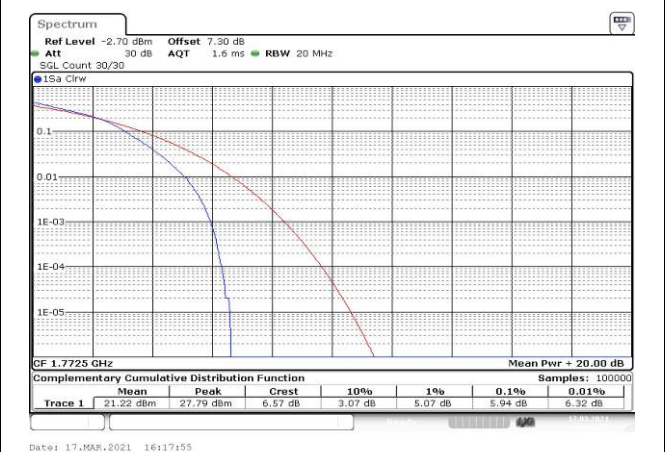


Fig.90

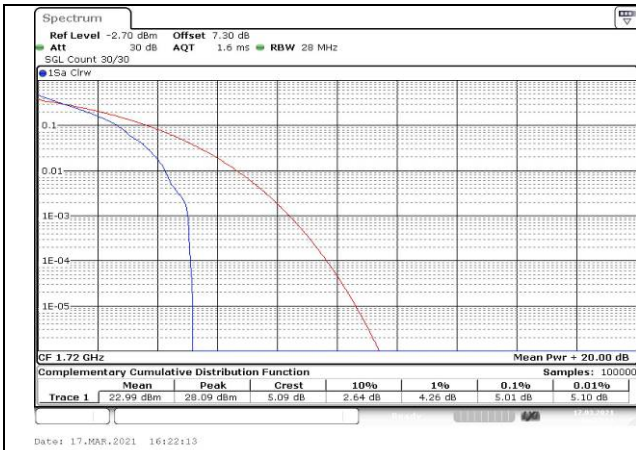


Fig.91

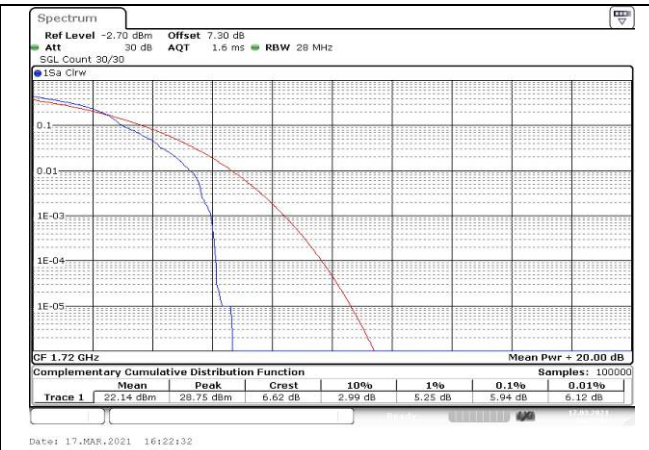


Fig.92

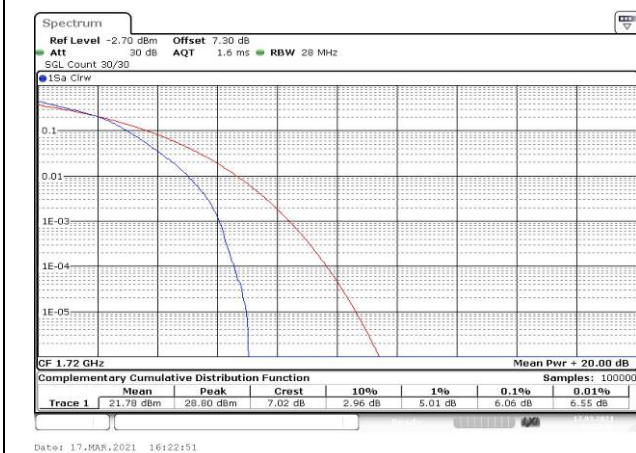


Fig.93

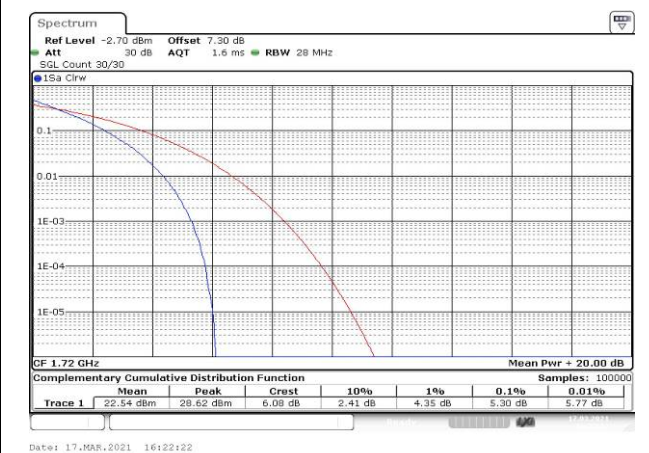


Fig.94

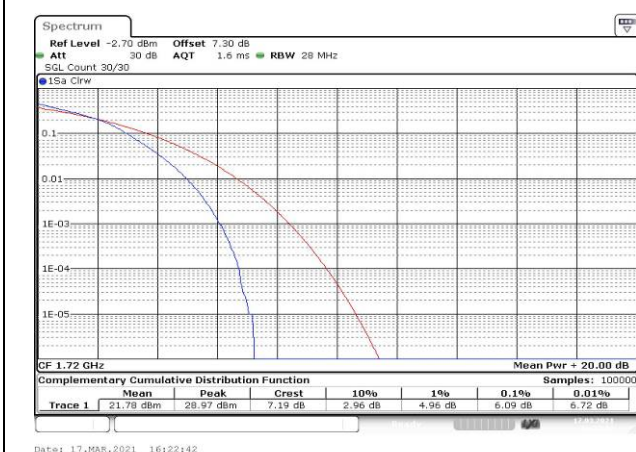


Fig.95

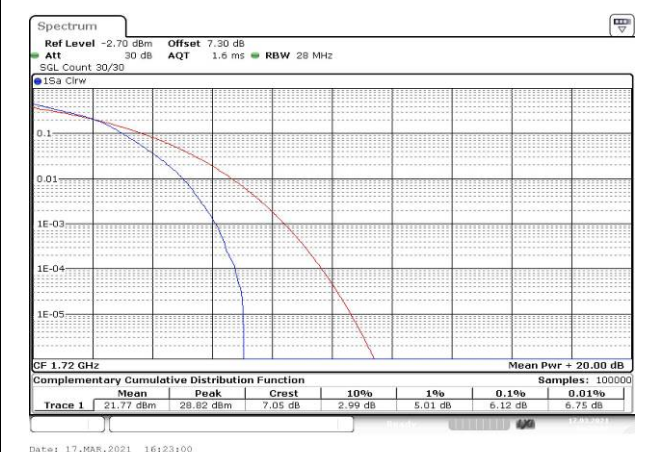


Fig.96

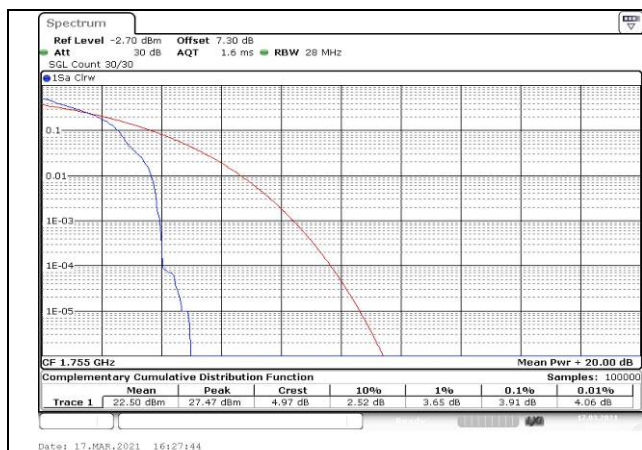


Fig.97

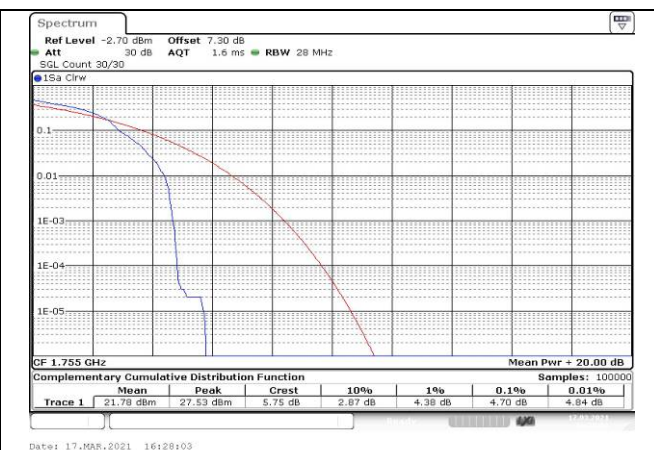


Fig.98

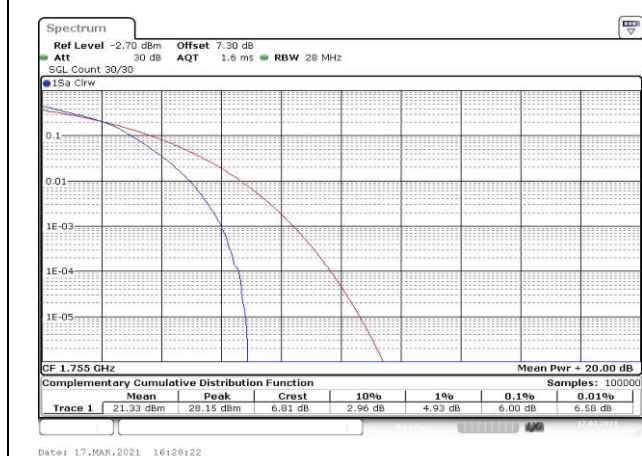


Fig.99

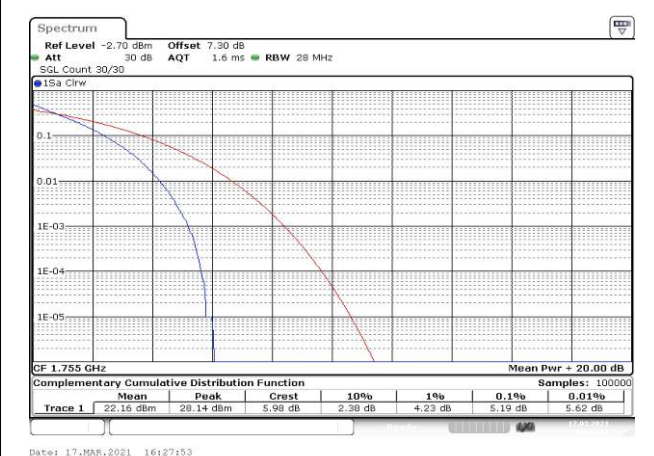


Fig.100

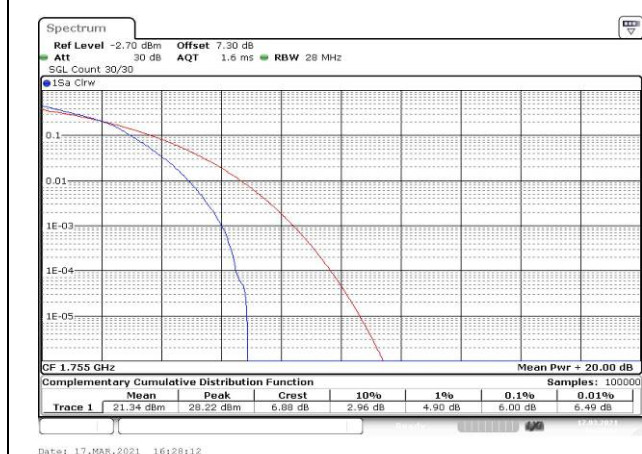


Fig.101

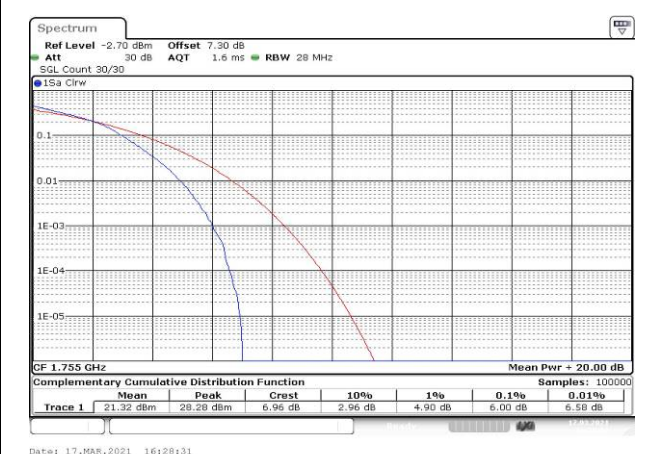


Fig.102

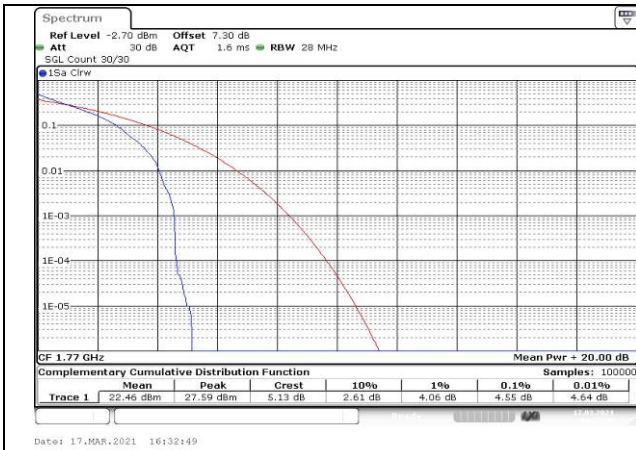


Fig.103



Fig.104

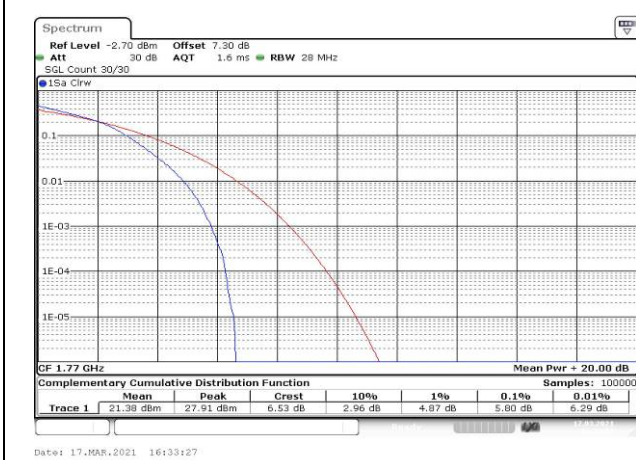


Fig.105

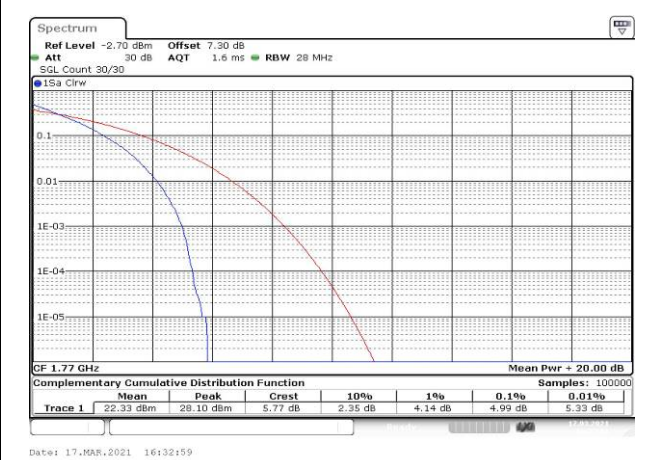


Fig.106

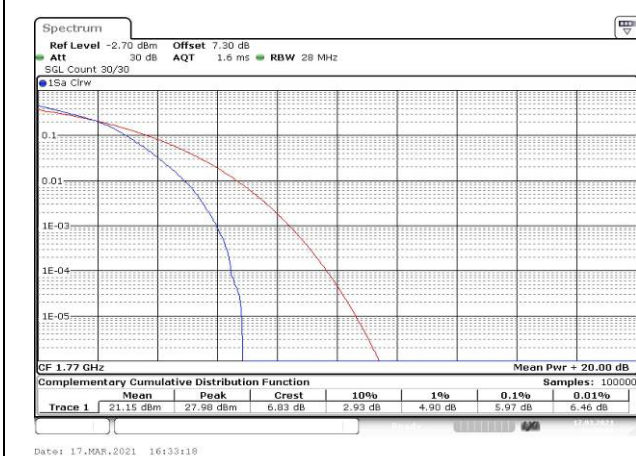


Fig.107

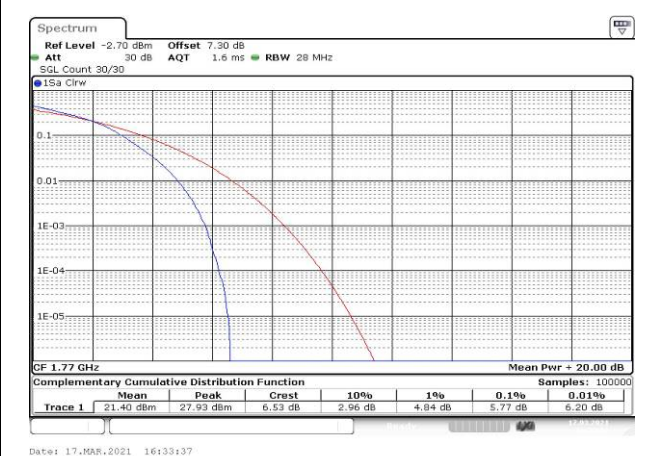


Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
66	1720	132072	20	1	0	Fig.1
	1755	132422		1	0	Fig.2
	1770	132572		1	0	Fig.3

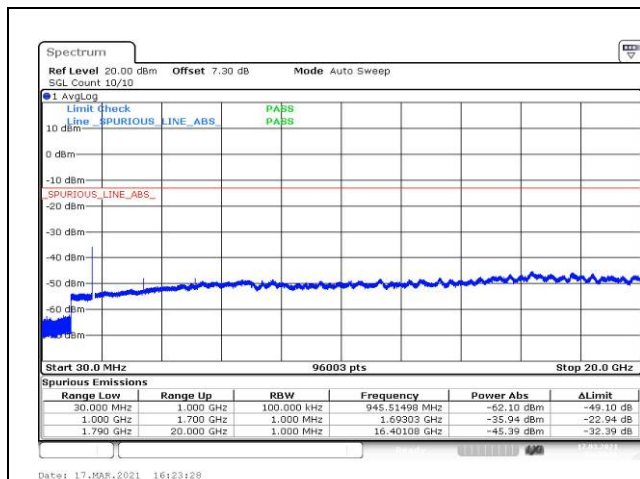


Fig.1

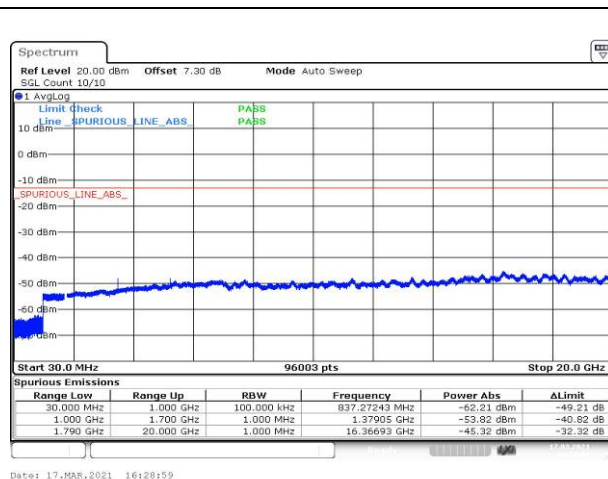


Fig.2

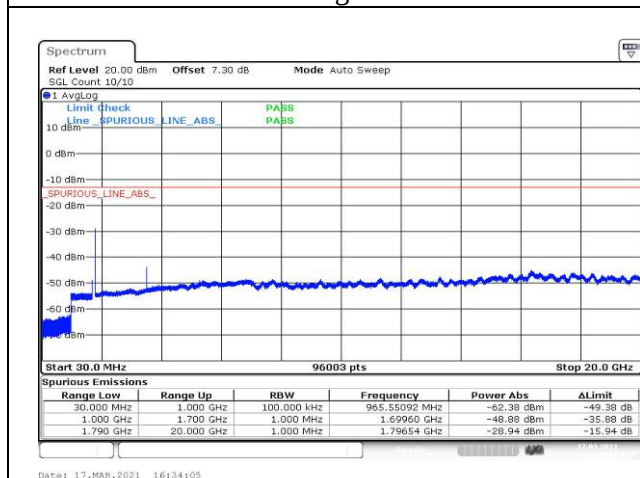
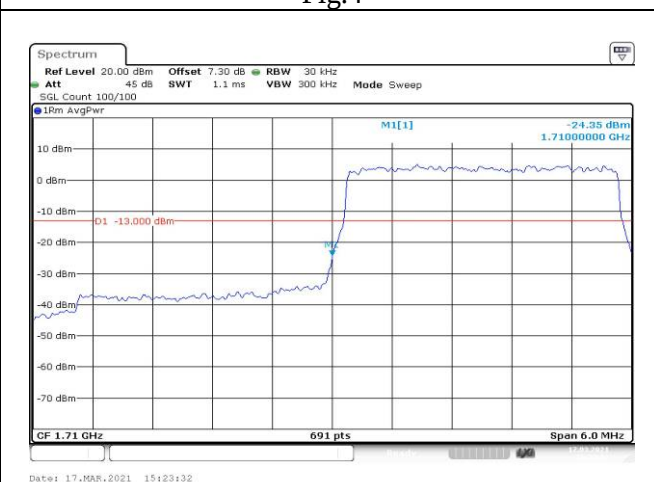
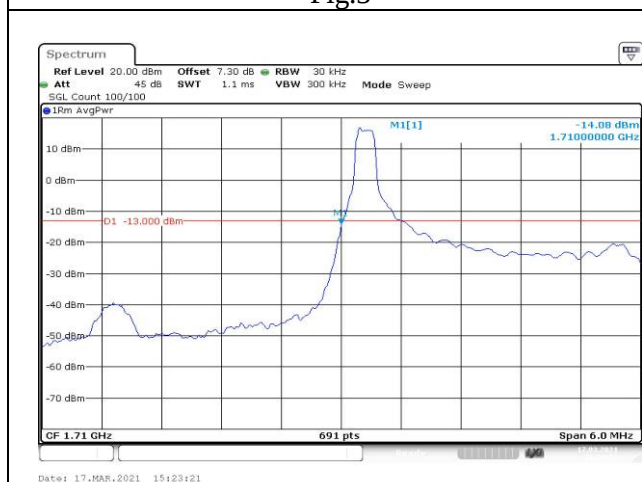
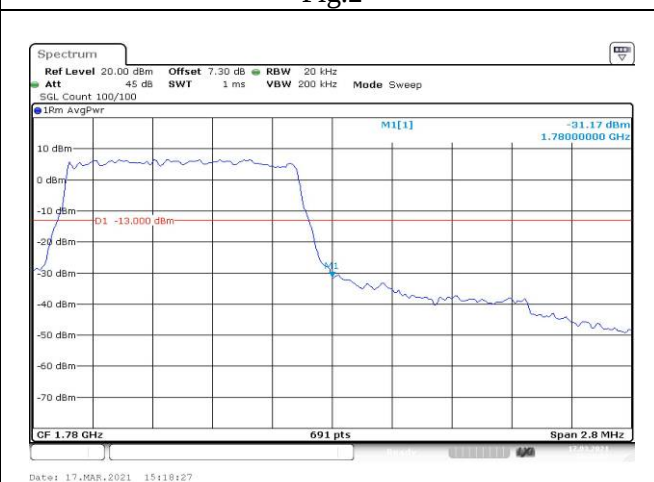
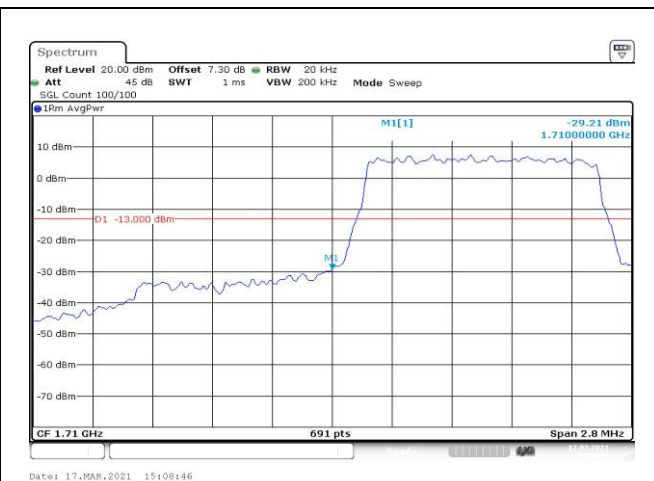
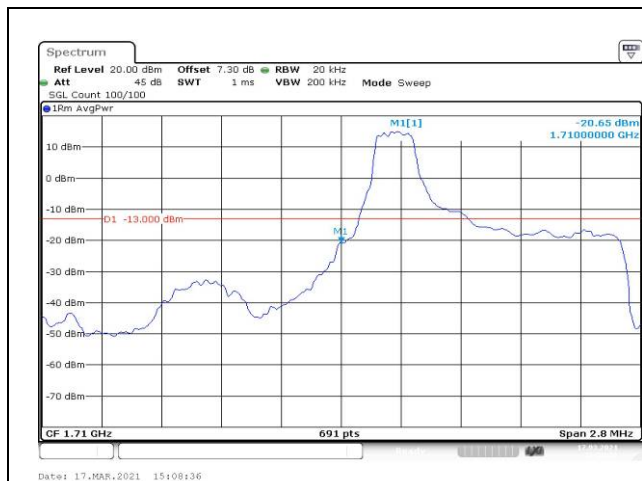
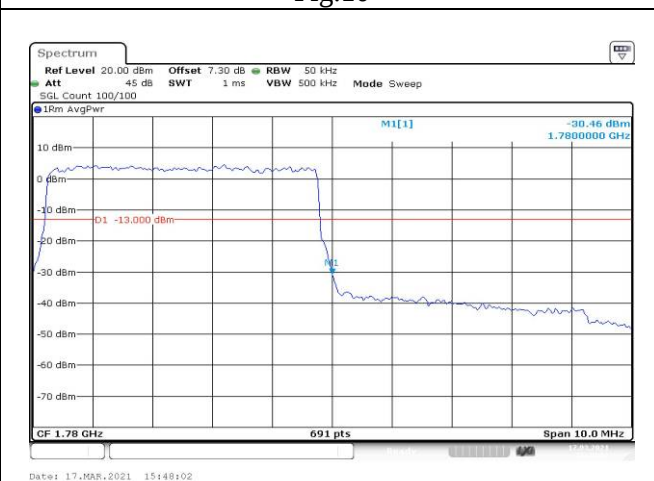
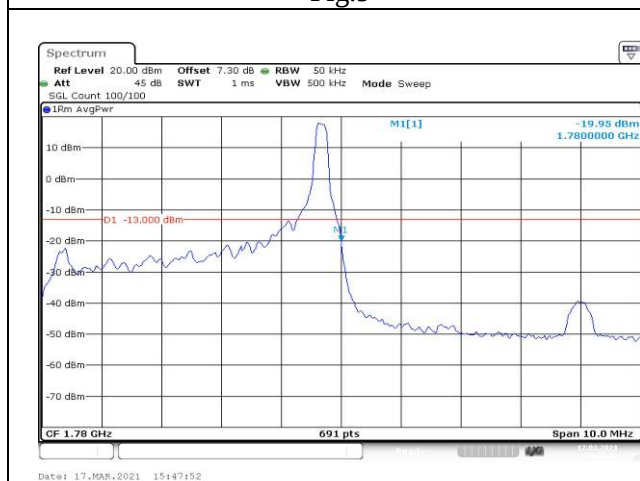
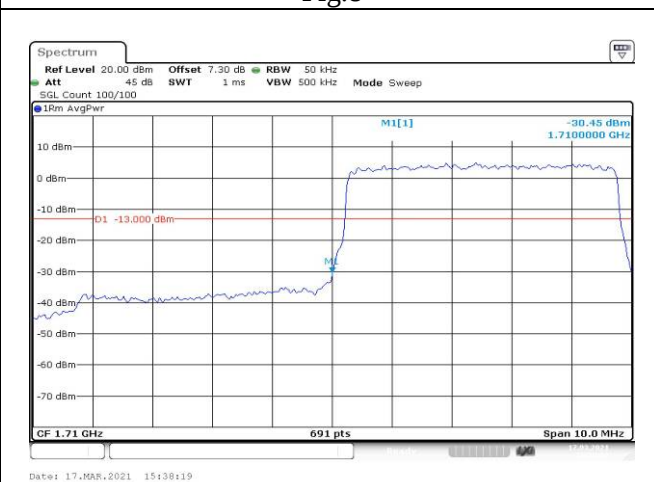
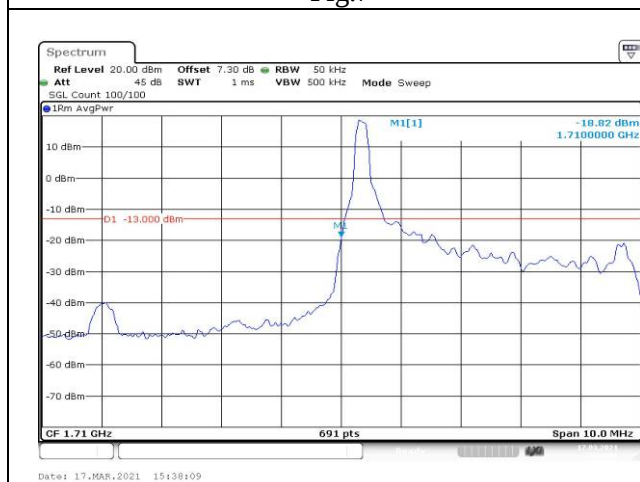
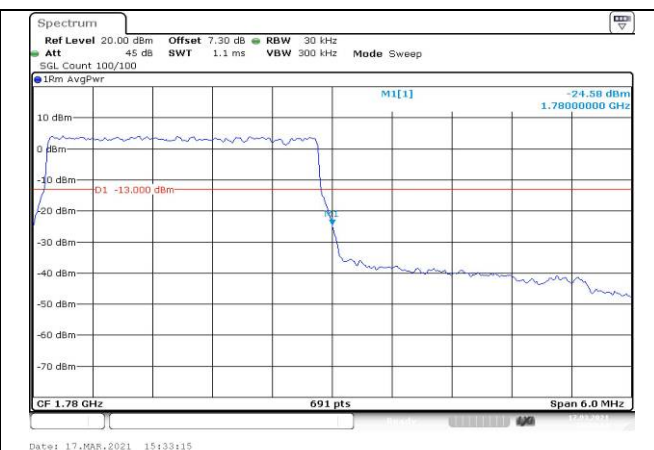
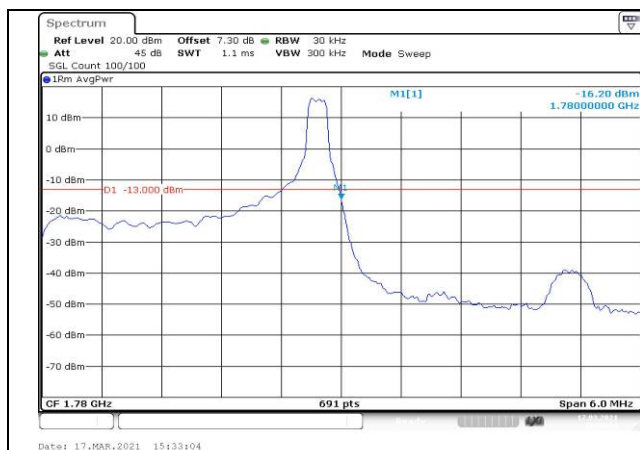


Fig.3

6 Band Edges Compliance

Band Edges Compliance						
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
66	1710.7	131979	1.4	1	0	Fig.1
				6	0	Fig.2
	1779.3	132665		1	5	Fig.3
				6	0	Fig.4
	1711.5	131987	3	1	0	Fig.5
				15	0	Fig.6
	1778.5	132657		1	14	Fig.7
				15	0	Fig.8
	1712.5	131997	5	1	0	Fig.9
				25	0	Fig.10
	1777.5	132647		1	24	Fig.11
				25	0	Fig.12
	1715	132022	10	1	0	Fig.13
				50	0	Fig.14
	1775	132622		1	49	Fig.15
				50	0	Fig.16
	1717.5	132047	15	1	0	Fig.17
				75	0	Fig.18
	1772.5	132597		1	74	Fig.19
				75	0	Fig.20
	1720	132072	20	1	0	Fig.21
				100	0	Fig.22
	1770	132572		1	99	Fig.23
				100	0	Fig.24





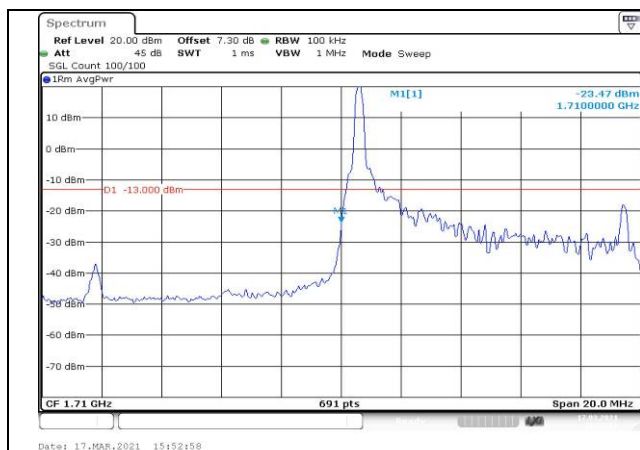


Fig.13

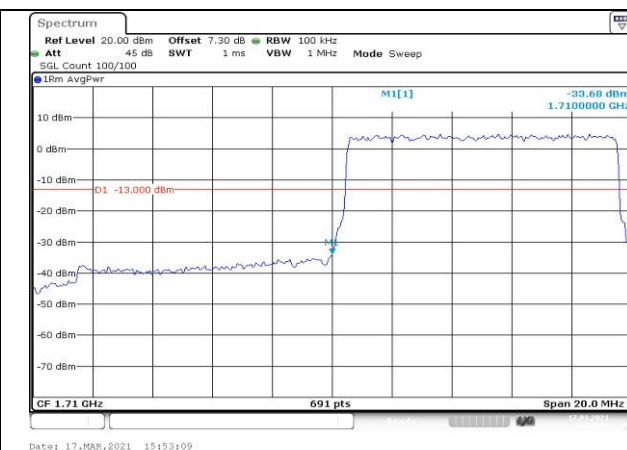


Fig.14

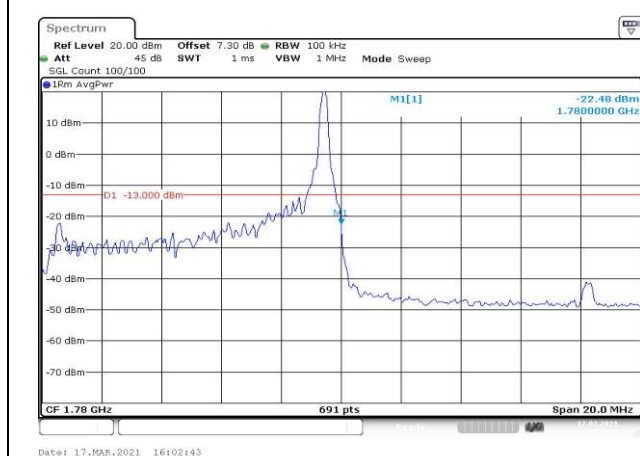


Fig.15

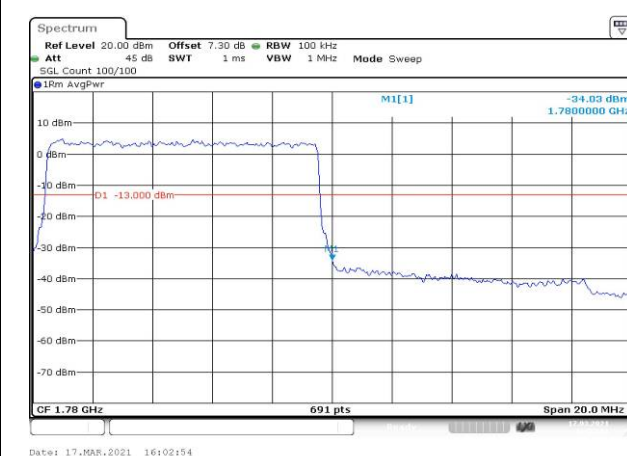


Fig.16

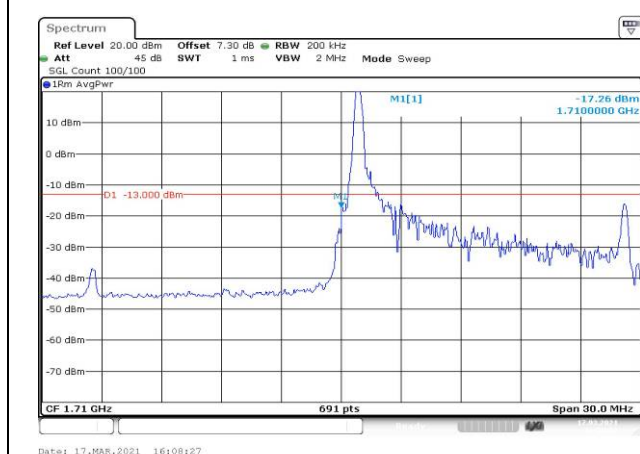


Fig.17

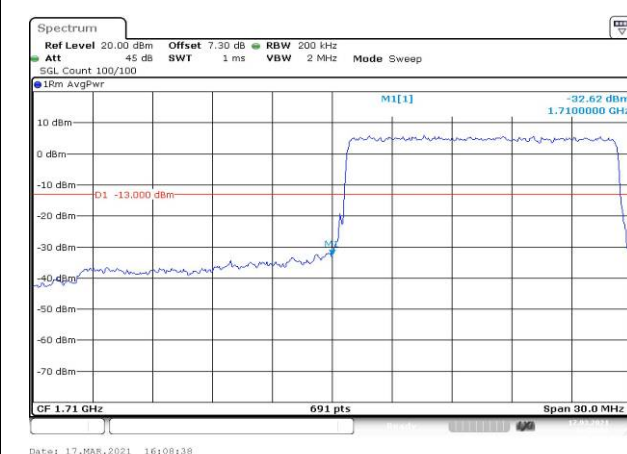
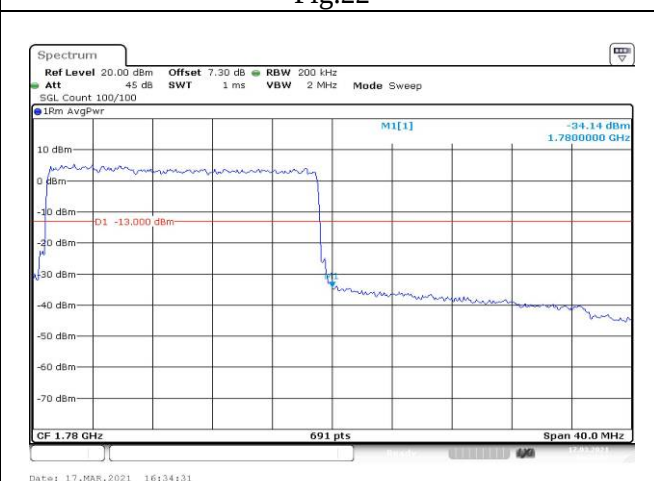
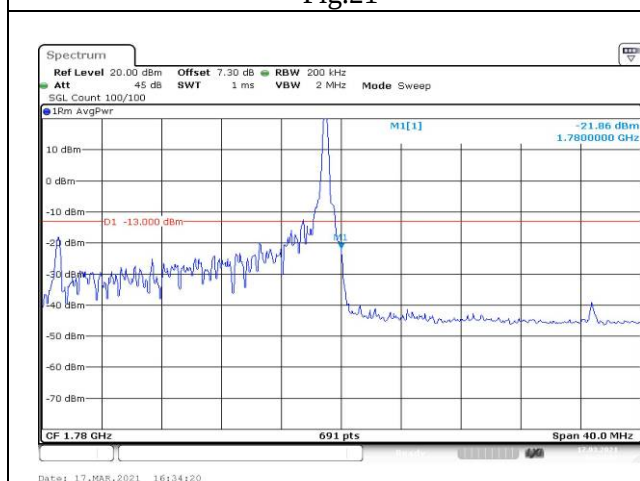
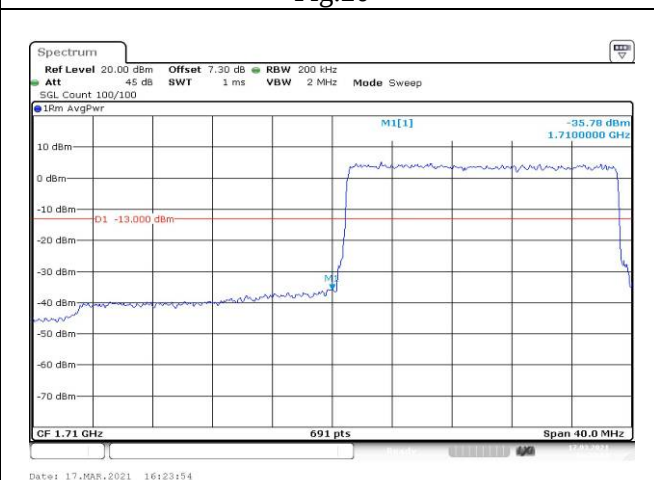
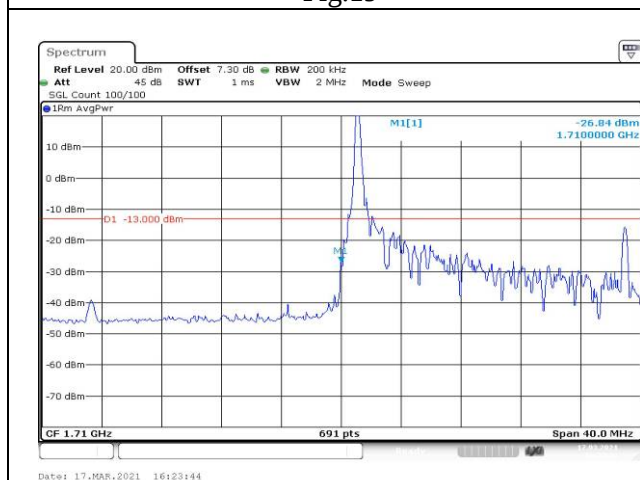
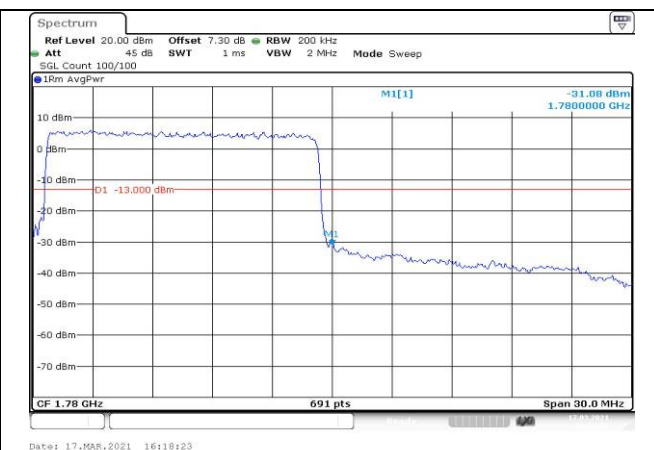
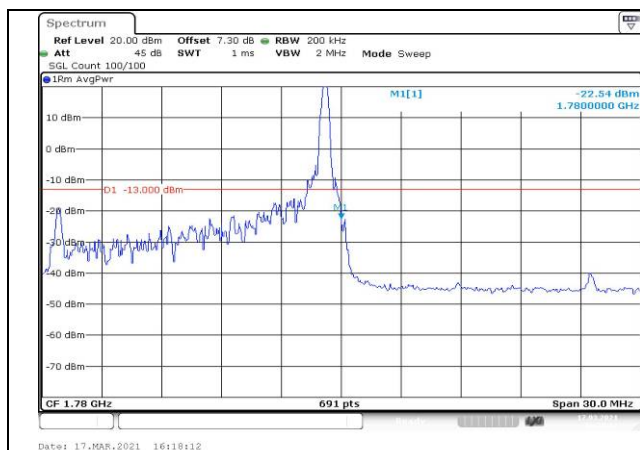


Fig.18



7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band66 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.008	0.009	-0.017	-0.025	-0.002	-0.003
0	NV	0.004	-0.018	-0.005	-0.008	0.000	-0.014
+10	NV	0.000	0.008	-0.017	-0.007	-0.014	-0.021
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.026	-0.010	-0.016	-0.003	0.000	-0.013
+40	NV	0.004	-0.007	-0.004	-0.006	-0.011	-0.014
+50	NV	-0.006	0.013	-0.011	0.000	-0.001	-0.010
+55	NV	-0.012	0.010	-0.018	0.011	-0.004	-0.015
+20	LV	-0.002	-0.003	-0.027	-0.022	-0.007	-0.026
+20	HV	0.001	-0.004	-0.026	-0.012	-0.017	0.006

Temperature(°C)	Voltage	Test Result (ppm) Band66 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.011	-0.005	-0.022	-0.005	0.012	-0.017
0	NV	-0.003	-0.017	-0.009	-0.017	-0.005	-0.010
+10	NV	0.001	-0.004	-0.025	-0.011	-0.009	-0.013
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.020	-0.016	-0.020	-0.009	-0.017	-0.011
+40	NV	-0.029	-0.003	0.012	-0.008	-0.013	-0.017
+50	NV	-0.003	0.011	-0.020	-0.019	0.000	-0.024
+55	NV	-0.006	0.017	-0.026	-0.013	-0.005	-0.014
+20	LV	0.000	-0.004	-0.020	-0.001	-0.010	0.008
+20	HV	-0.020	-0.016	-0.014	-0.020	-0.010	-0.007

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	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1710.7	131979	1.4	1	0	24.46	22.56	0.180	
				1	3	24.61	22.71	0.187	
				1	5	24.56	22.66	0.185	
				3	0	24.56	22.66	0.185	
				3	1	24.58	22.68	0.185	
				3	3	24.57	22.67	0.185	
				6	0	23.51	21.61	0.145	
	1755	132422		1	0	24.37	22.47	0.177	
				1	3	24.28	22.38	0.173	
				1	5	24.28	22.38	0.173	
				3	0	24.25	22.35	0.172	
				3	1	24.25	22.35	0.172	
				3	3	24.24	22.34	0.171	
				6	0	23.25	21.35	0.136	
	1779.3	132665		1	0	24.09	22.19	0.166	
				1	3	24.03	22.13	0.163	
				1	5	24.08	22.18	0.165	
				3	0	24.24	22.34	0.171	
				3	1	24.34	22.44	0.175	
				3	3	24.23	22.33	0.171	
				6	0	23.17	21.27	0.134	
	16QAM	1710.7		131979	1	0	24.36	22.46	0.176
					1	3	24.32	22.42	0.175
					1	5	24.31	22.41	0.174
3					0	23.65	21.75	0.150	
3					1	23.72	21.82	0.152	
3					3	23.72	21.82	0.152	
6					0	22.80	20.90	0.123	
1755		132422		1	0	23.31	21.41	0.138	
				1	3	23.44	21.54	0.143	
				1	5	23.40	21.50	0.141	
				3	0	23.16	21.26	0.134	
				3	1	23.27	21.37	0.137	
				3	3	23.25	21.35	0.136	
				6	0	22.44	20.54	0.113	
1779.3		132665		1	0	23.00	21.10	0.129	
				1	3	23.10	21.20	0.132	
				1	5	23.09	21.19	0.132	
				3	0	23.02	21.12	0.129	
				3	1	22.95	21.05	0.127	
				3	3	22.95	21.05	0.127	
				6	0	22.21	20.31	0.107	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1710.7	131979	1.4	1	0	22.80	20.90	0.123
				1	3	22.56	20.66	0.116
				1	5	22.56	20.66	0.116
				3	0	22.56	20.66	0.116
				3	1	22.56	20.66	0.116
				3	3	22.56	20.66	0.116
				6	0	22.56	20.66	0.116
	1755	132422		1	0	22.57	20.67	0.117
				1	3	22.39	20.49	0.112
				1	5	22.44	20.54	0.113
				3	0	22.35	20.45	0.111
				3	1	22.29	20.39	0.109
				3	3	22.45	20.55	0.114
				6	0	22.34	20.44	0.111
	1779.3	132665		1	0	22.17	20.27	0.106
				1	3	22.21	20.31	0.107
				1	5	22.21	20.31	0.107
				3	0	22.17	20.27	0.106
				3	1	22.24	20.34	0.108
				3	3	22.17	20.27	0.106
				6	0	22.17	20.27	0.106

Modulation	Carrier frequen- cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct- ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	24.54	22.64	0.184
				1	8	24.52	22.62	0.183
				1	14	24.48	22.58	0.181
				8	0	23.47	21.57	0.144
				8	4	23.45	21.55	0.143
				8	7	23.45	21.55	0.143
				15	0	23.49	21.59	0.144
	1755	132422		1	0	24.31	22.41	0.174
				1	8	24.25	22.35	0.172
				1	14	24.32	22.42	0.175
				8	0	23.12	21.22	0.132
				8	4	23.14	21.24	0.133
				8	7	23.13	21.23	0.133
				15	0	23.13	21.23	0.133
	1778.5	132657		1	0	24.07	22.17	0.165
				1	8	24.10	22.20	0.166
				1	14	24.03	22.13	0.163
				8	0	23.14	21.24	0.133
				8	4	23.08	21.18	0.131
				8	7	23.13	21.23	0.133
				15	0	23.22	21.32	0.136
16QAM	1711.5	131987	1	0	23.42	21.52	0.142	
			1	8	23.42	21.52	0.142	
			1	14	23.42	21.52	0.142	
			8	0	22.77	20.87	0.122	
			8	4	22.77	20.87	0.122	
			8	7	22.77	20.87	0.122	
			15	0	22.72	20.82	0.121	
	1755	132422	1	0	23.06	21.16	0.131	
			1	8	23.08	21.18	0.131	
			1	14	23.09	21.19	0.132	
			8	0	22.54	20.64	0.116	
			8	4	22.39	20.49	0.112	
			8	7	22.45	20.55	0.114	
			15	0	22.44	20.54	0.113	
	1778.5	132657	1	0	22.78	20.88	0.122	
			1	8	22.65	20.75	0.119	
			1	14	22.80	20.90	0.123	
			8	0	22.37	20.47	0.111	
			8	4	22.43	20.53	0.113	
			8	7	22.43	20.53	0.113	
			15	0	22.33	20.43	0.110	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1711.5	131987	3	1	0	22.68	20.78	0.120
				1	8	22.72	20.82	0.121
				1	14	22.64	20.74	0.119
				8	0	22.76	20.86	0.122
				8	4	22.67	20.77	0.119
				8	7	22.72	20.82	0.121
				15	0	22.64	20.74	0.119
	1755	132422		1	0	22.44	20.54	0.113
				1	8	22.33	20.43	0.110
				1	14	22.44	20.54	0.113
				8	0	22.43	20.53	0.113
				8	4	22.44	20.54	0.113
				8	7	22.43	20.53	0.113
				15	0	22.43	20.53	0.113
	1778.5	132657		1	0	22.33	20.43	0.110
				1	8	22.32	20.42	0.110
				1	14	22.32	20.42	0.110
				8	0	22.29	20.39	0.109
				8	4	22.29	20.39	0.109
				8	7	22.29	20.39	0.109
				15	0	22.32	20.42	0.110

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1712.5	131997	5	1	0	24.33	22.43	0.175	
				1	12	24.40	22.50	0.178	
				1	24	24.46	22.56	0.180	
				12	0	23.56	21.66	0.147	
				12	7	23.46	21.56	0.143	
				12	13	23.45	21.55	0.143	
				25	0	23.60	21.70	0.148	
	1755	132422		1	0	24.12	22.22	0.167	
				1	12	24.09	22.19	0.166	
				1	24	24.11	22.21	0.166	
				12	0	23.18	21.28	0.134	
				12	7	23.19	21.29	0.135	
				12	13	23.18	21.28	0.134	
				25	0	23.17	21.27	0.134	
	1777.5	132647		1	0	24.15	22.25	0.168	
				1	12	24.06	22.16	0.164	
				1	24	24.10	22.20	0.166	
				12	0	23.14	21.24	0.133	
				12	7	23.14	21.24	0.133	
				12	13	23.13	21.23	0.133	
				25	0	23.06	21.16	0.131	
	16QAM	1712.5		131997	1	0	23.58	21.68	0.147
					1	12	23.59	21.69	0.148
					1	24	23.57	21.67	0.147
12					0	22.67	20.77	0.119	
12					7	22.63	20.73	0.118	
12					13	22.60	20.70	0.117	
25					0	22.72	20.82	0.121	
1755		132422		1	0	22.96	21.06	0.128	
				1	12	22.92	21.02	0.126	
				1	24	23.00	21.10	0.129	
				12	0	22.22	20.32	0.108	
				12	7	22.17	20.27	0.106	
				12	13	22.16	20.26	0.106	
				25	0	22.22	20.32	0.108	
1777.5		132647		1	0	22.83	20.93	0.124	
				1	12	22.75	20.85	0.122	
				1	24	22.86	20.96	0.125	
				12	0	22.07	20.17	0.104	
				12	7	22.02	20.12	0.103	
				12	13	22.00	20.10	0.102	
				25	0	22.14	20.24	0.106	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1712.5	131997	5	1	0	22.71	20.81	0.121
				1	12	22.72	20.82	0.121
				1	24	22.48	20.58	0.114
				12	0	22.60	20.70	0.117
				12	7	22.55	20.65	0.116
				12	13	22.71	20.81	0.121
				25	0	22.67	20.77	0.119
	1755	132422		1	0	22.22	20.32	0.108
				1	12	22.22	20.32	0.108
				1	24	22.22	20.32	0.108
				12	0	22.21	20.31	0.107
				12	7	22.21	20.31	0.107
				12	13	22.42	20.52	0.113
				25	0	22.42	20.52	0.113
	1777.5	132647		1	0	22.35	20.45	0.111
				1	12	22.34	20.44	0.111
				1	24	22.35	20.45	0.111
				12	0	22.34	20.44	0.111
				12	7	22.34	20.44	0.111
				12	13	22.34	20.44	0.111
				25	0	22.34	20.44	0.111

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	132022	10	1	0	24.58	22.68	0.185
				1	25	24.57	22.67	0.185
				1	49	24.53	22.63	0.183
				25	0	23.49	21.59	0.144
				25	12	23.62	21.72	0.149
				25	25	23.62	21.72	0.149
				50	0	23.62	21.72	0.149
	1755	132422		1	0	24.22	22.32	0.171
				1	25	24.33	22.43	0.175
				1	49	24.30	22.40	0.174
				25	0	23.26	21.36	0.137
				25	12	23.23	21.33	0.136
				25	25	23.22	21.32	0.136
				50	0	23.18	21.28	0.134
	1775	132622		1	0	24.17	22.27	0.169
				1	25	24.01	22.11	0.163
				1	49	24.05	22.15	0.164
				25	0	23.19	21.29	0.135
				25	12	23.07	21.17	0.131
				25	25	23.06	21.16	0.131
				50	0	23.15	21.25	0.133
16QAM	1715	132022	1	0	23.56	21.66	0.147	
			1	25	23.49	21.59	0.144	
			1	49	23.38	21.48	0.141	
			25	0	22.87	20.97	0.125	
			25	12	22.66	20.76	0.119	
			25	25	22.87	20.97	0.125	
			50	0	22.80	20.90	0.123	
	1755	132422	1	0	22.96	21.06	0.128	
			1	25	22.94	21.04	0.127	
			1	49	22.95	21.05	0.127	
			25	0	22.47	20.57	0.114	
			25	12	22.37	20.47	0.111	
			25	25	22.41	20.51	0.112	
			50	0	22.35	20.45	0.111	
	1775	132622	1	0	23.15	21.25	0.133	
			1	25	22.65	20.75	0.119	
			1	49	22.74	20.84	0.121	
			25	0	22.32	20.42	0.110	
			25	12	22.43	20.53	0.113	
			25	25	22.42	20.52	0.113	
			50	0	22.24	20.34	0.108	