

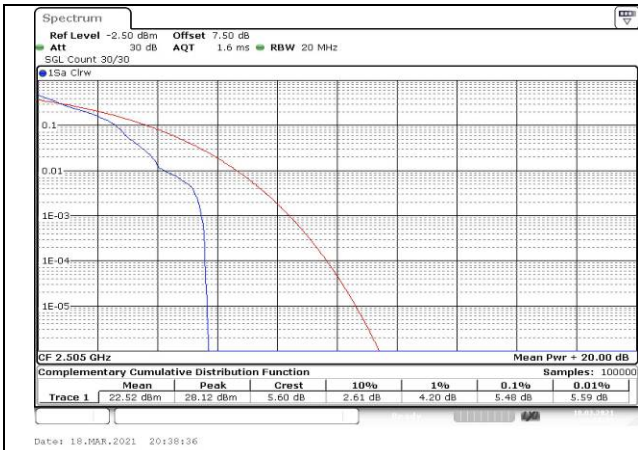


Fig.19



Fig.20

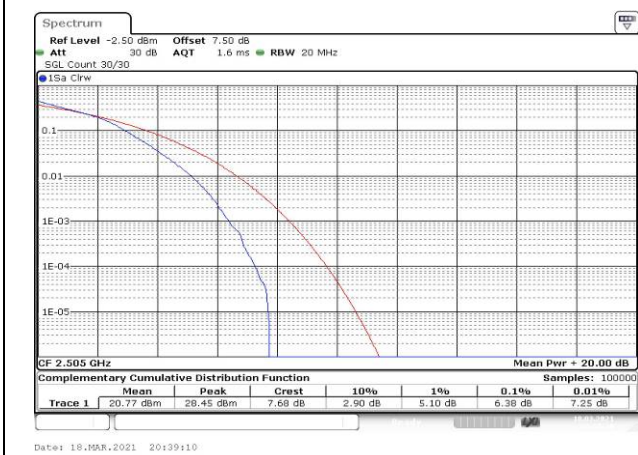


Fig.21

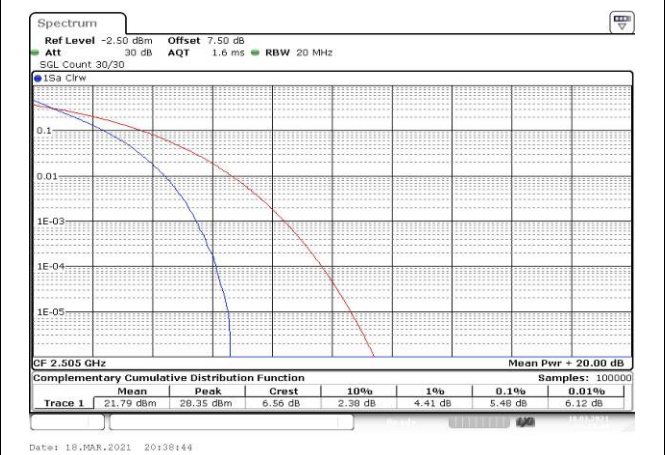


Fig.22

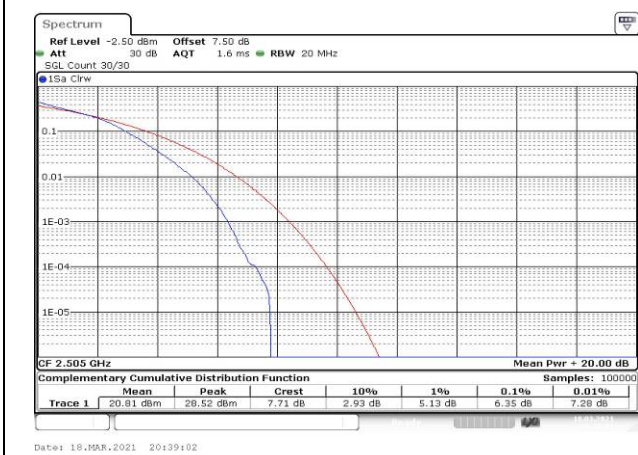


Fig.23

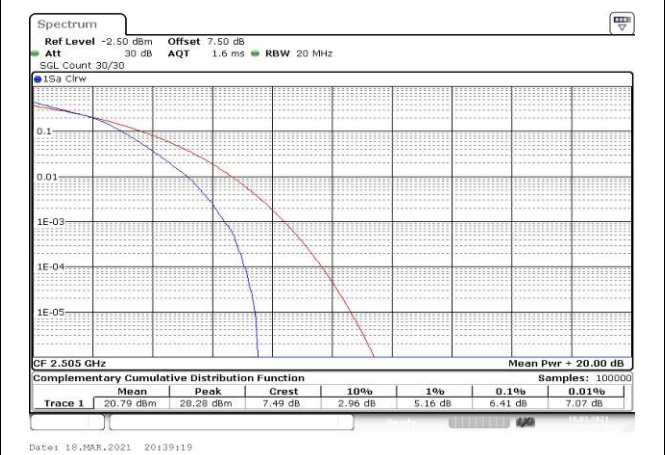


Fig.24

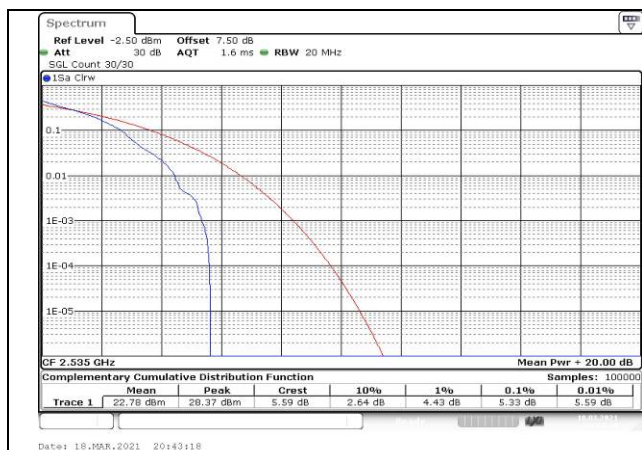


Fig.25

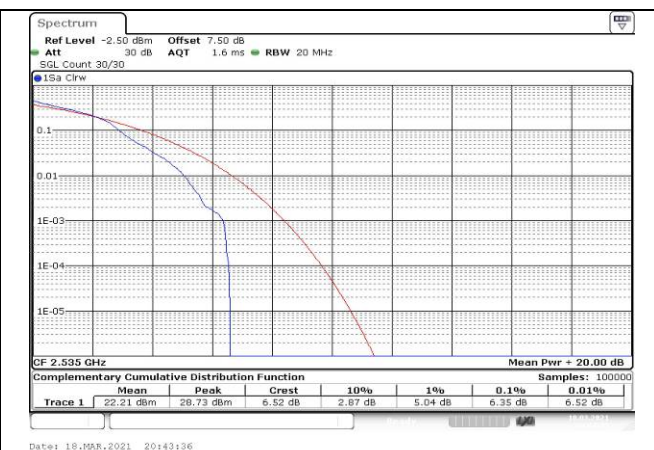


Fig.26

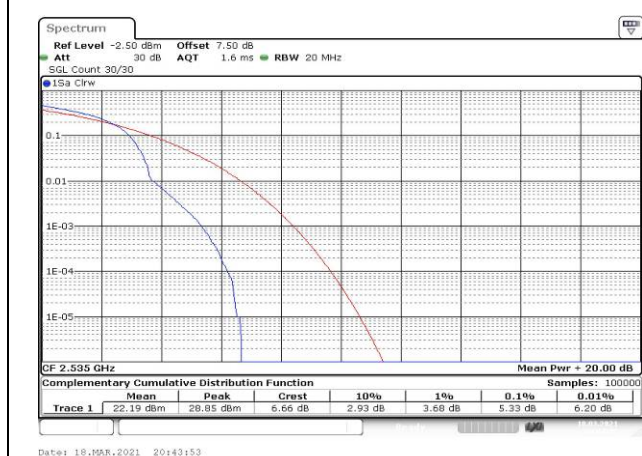


Fig.27

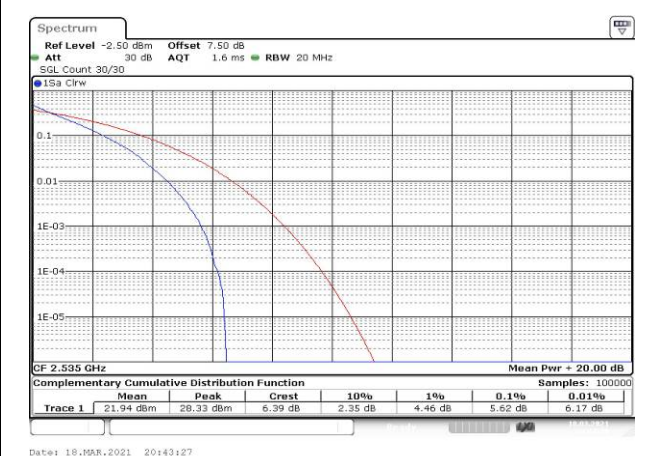


Fig.28

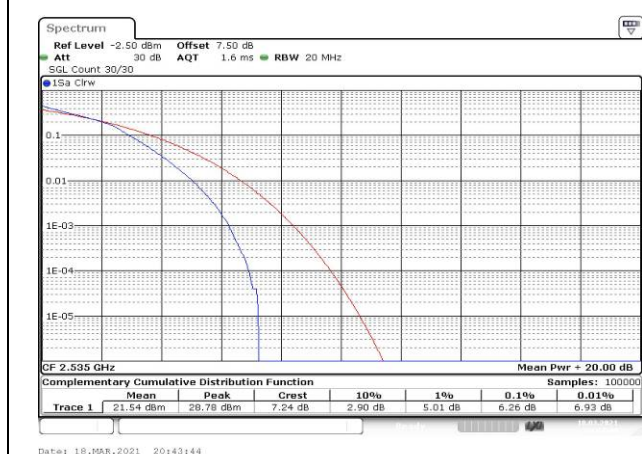


Fig.29

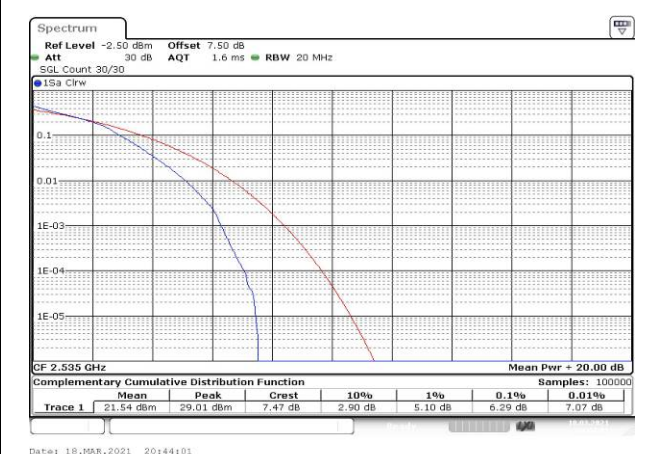


Fig.30

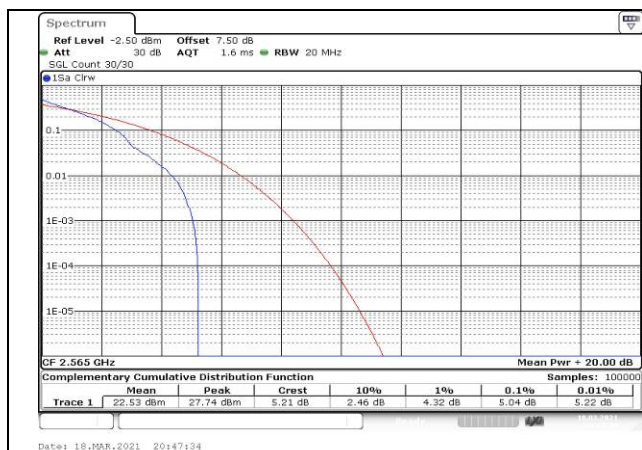


Fig.31

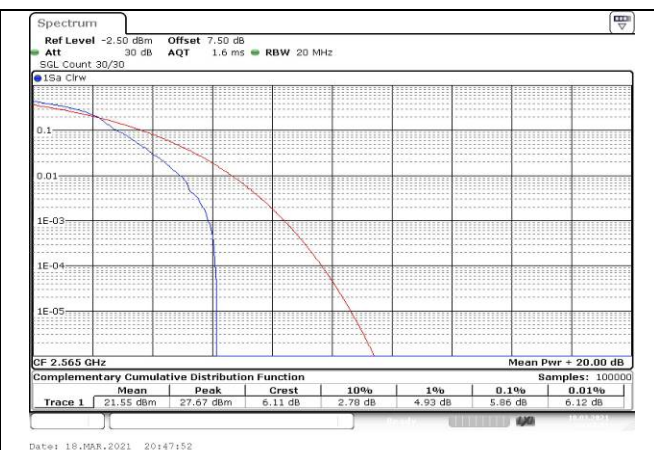


Fig.32

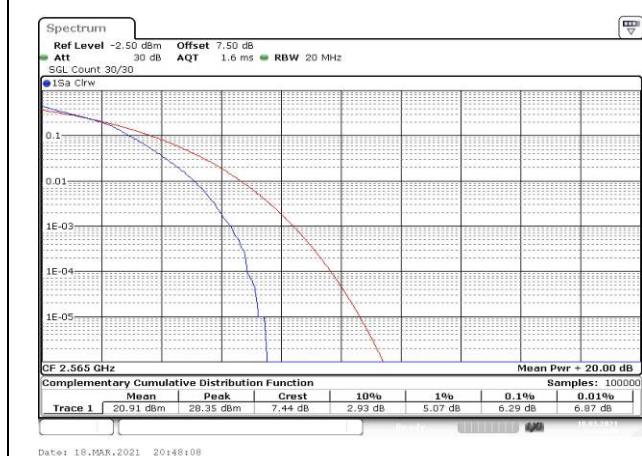


Fig.33

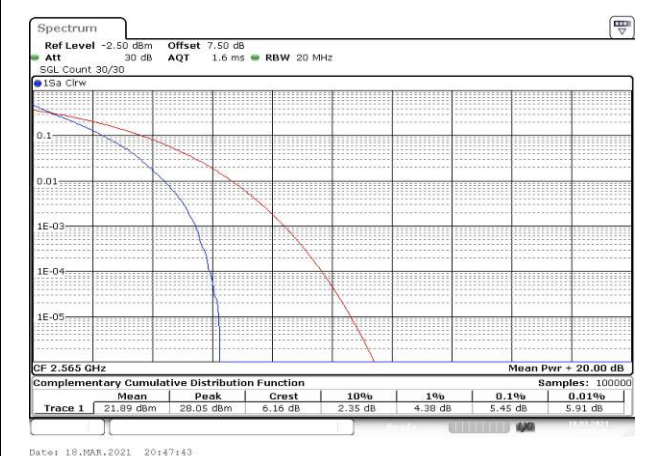


Fig.34

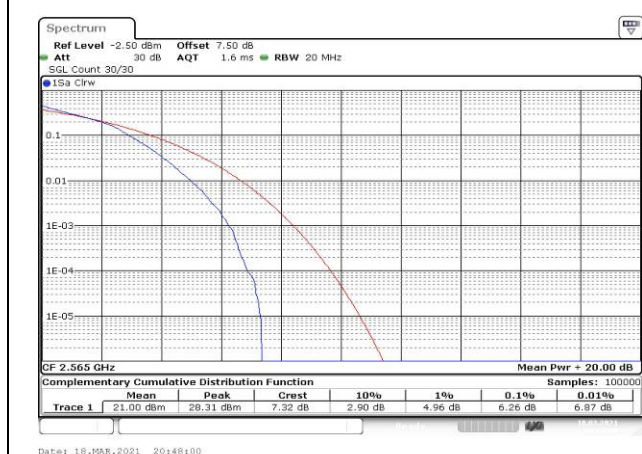


Fig.35

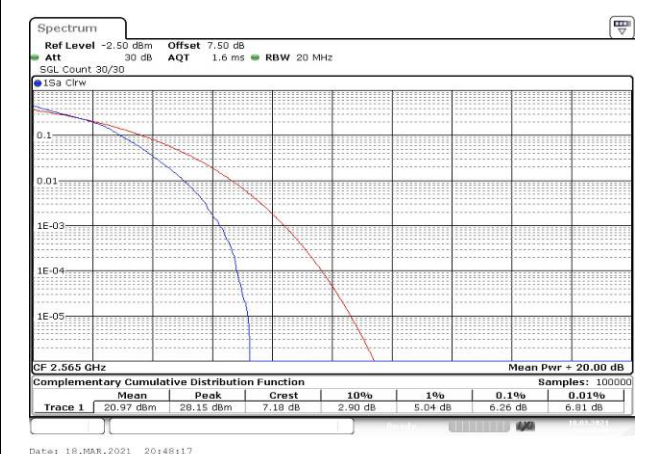


Fig.36

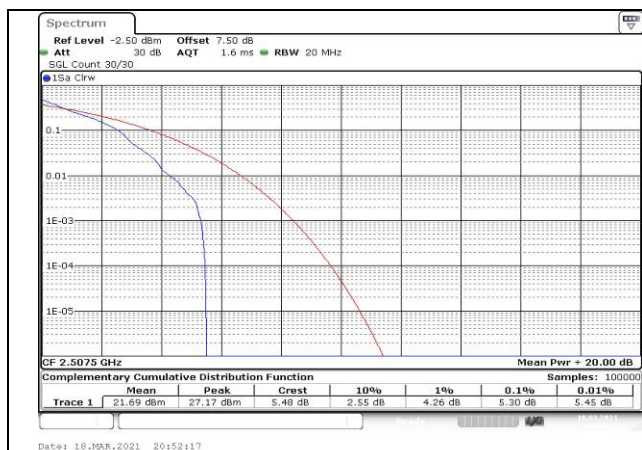


Fig.37

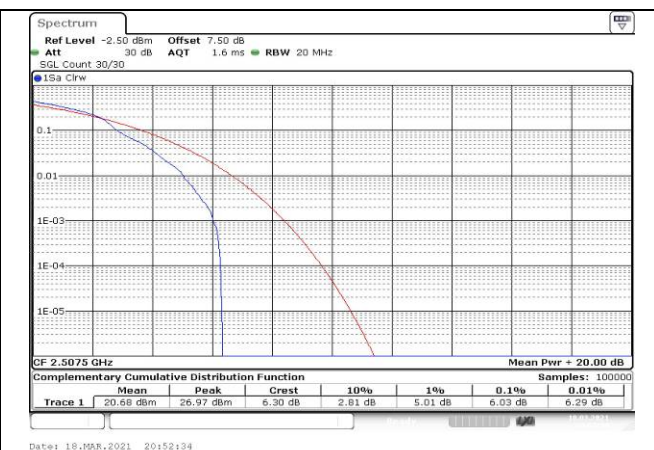


Fig.38

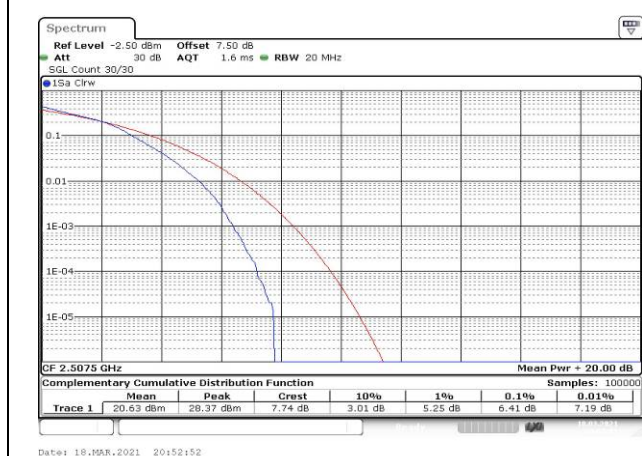


Fig.39



Fig.40

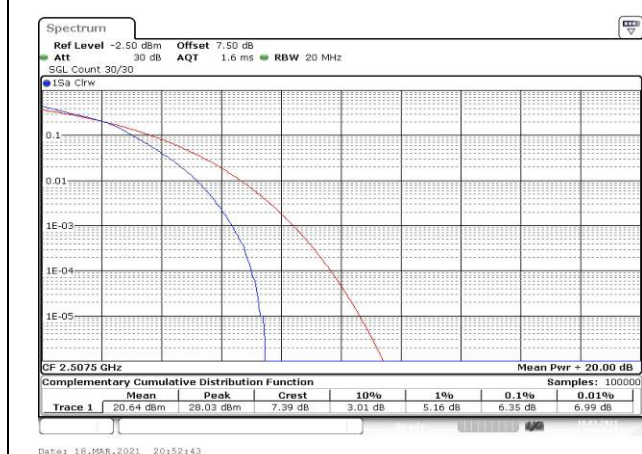


Fig.41

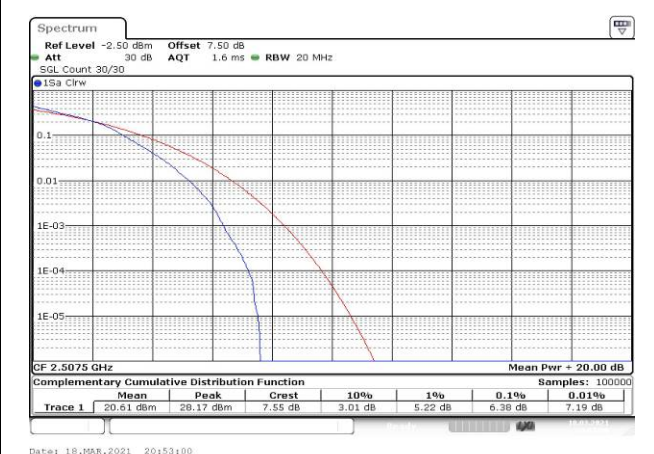


Fig.42

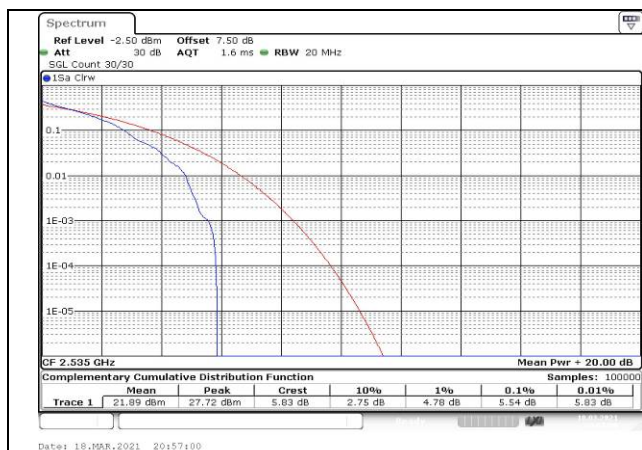


Fig.43

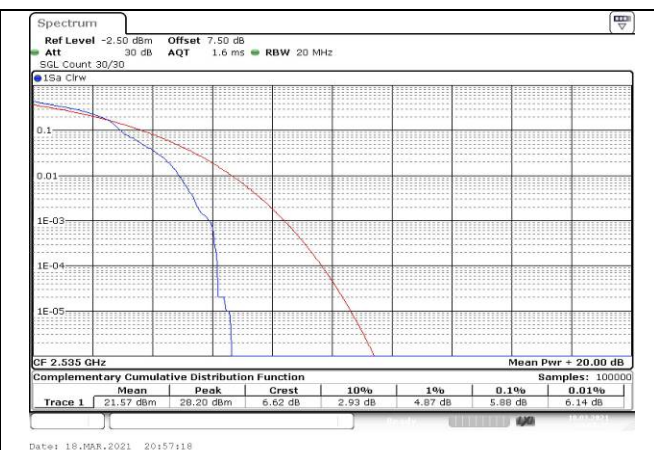


Fig.44

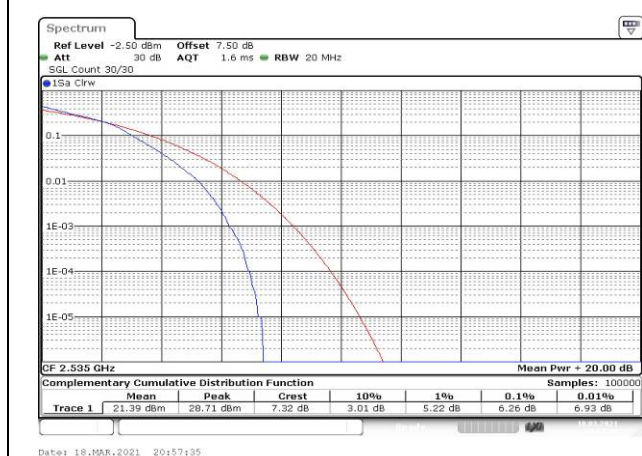


Fig.45

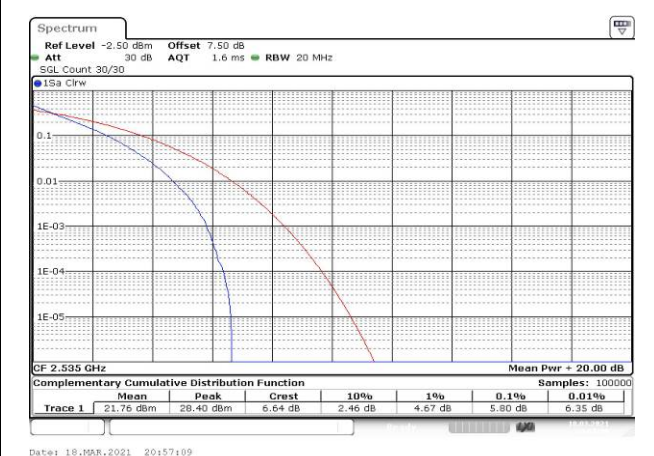


Fig.46

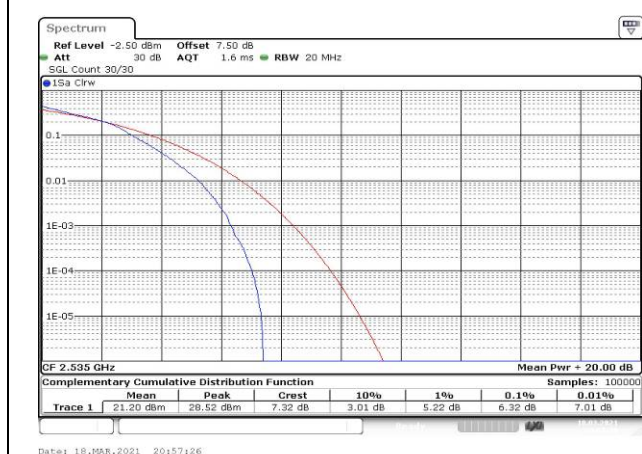


Fig.47

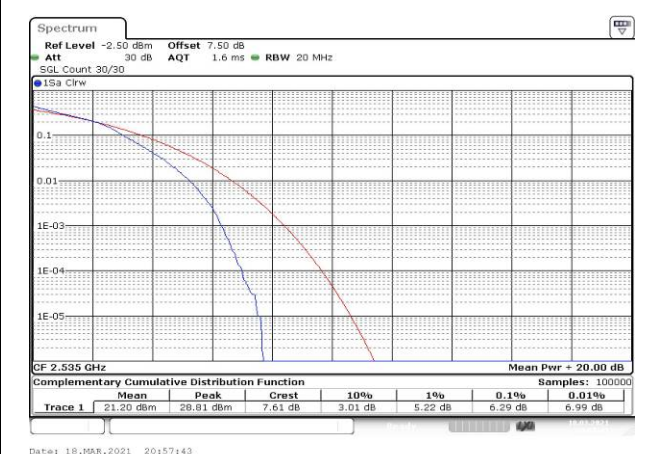


Fig.48

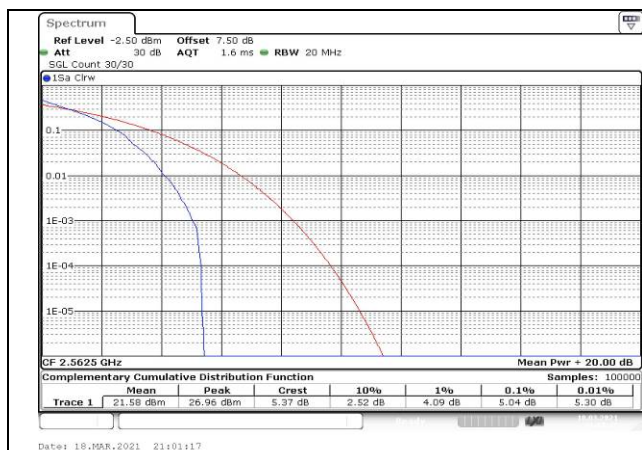


Fig.49

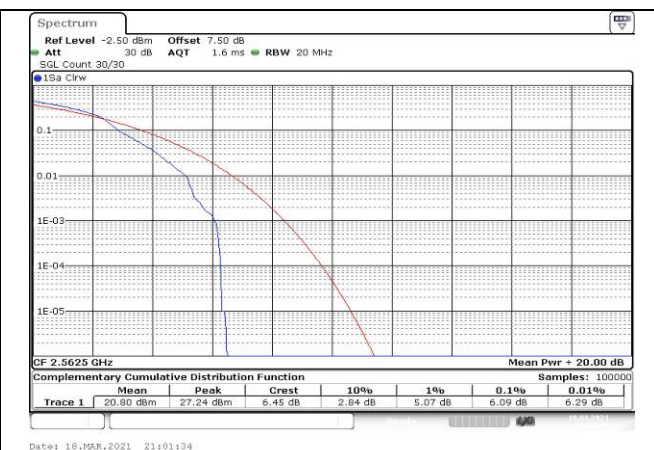


Fig.50



Fig.51

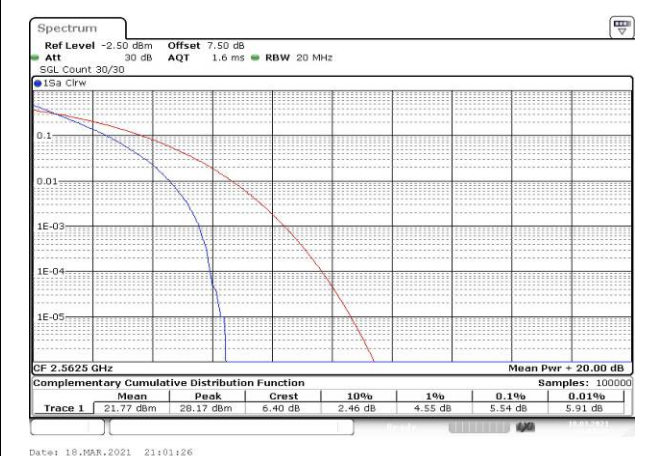


Fig.52

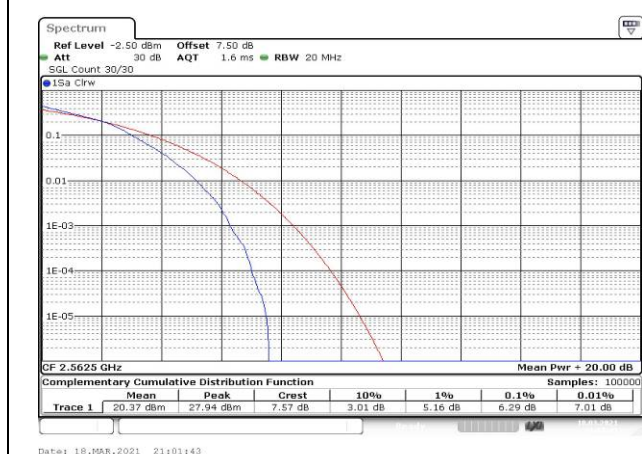


Fig.53

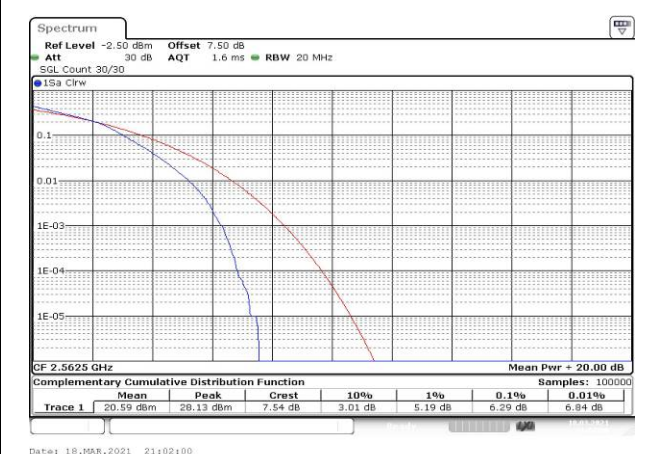


Fig.54

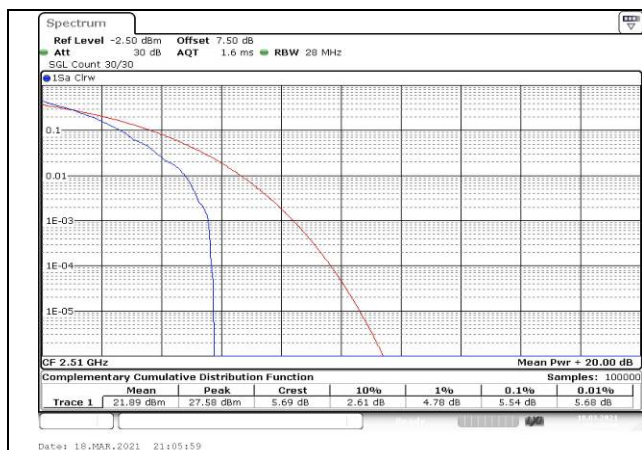


Fig.55



Fig.56

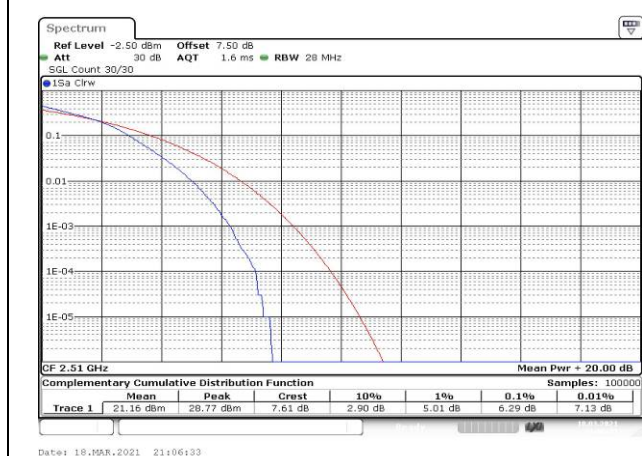


Fig.57

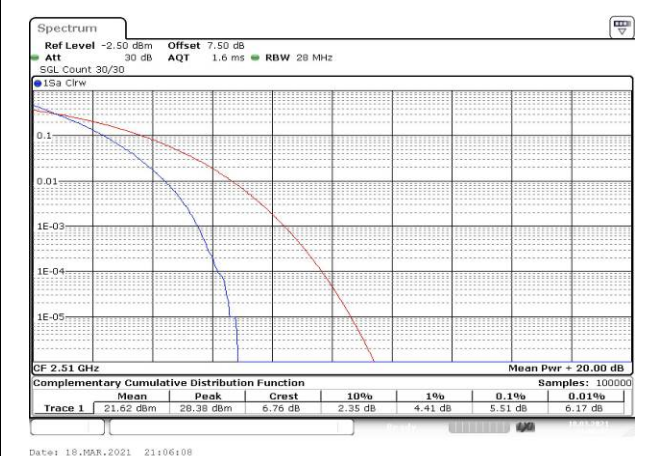


Fig.58

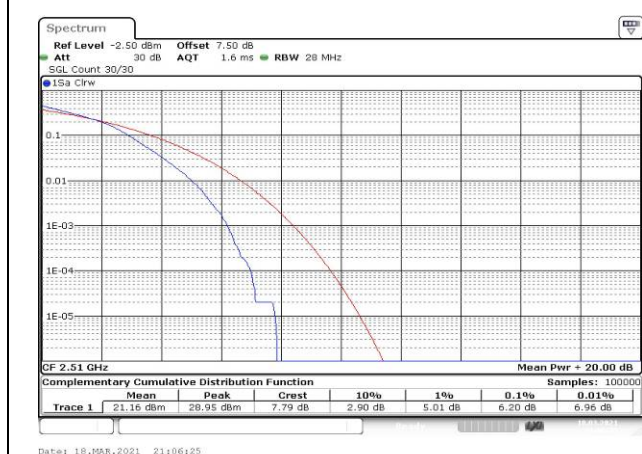


Fig.59

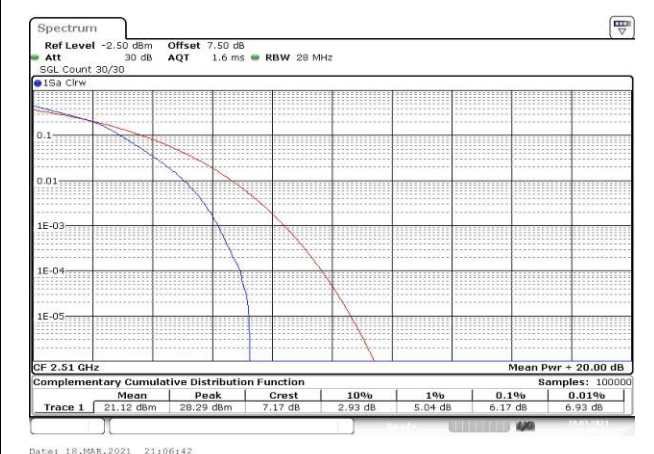


Fig.60

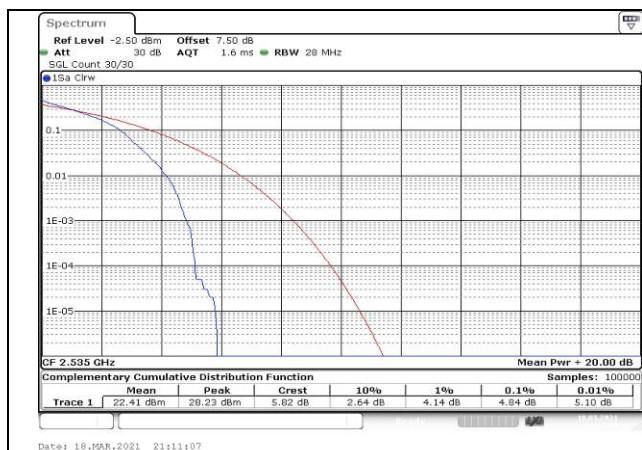


Fig.61

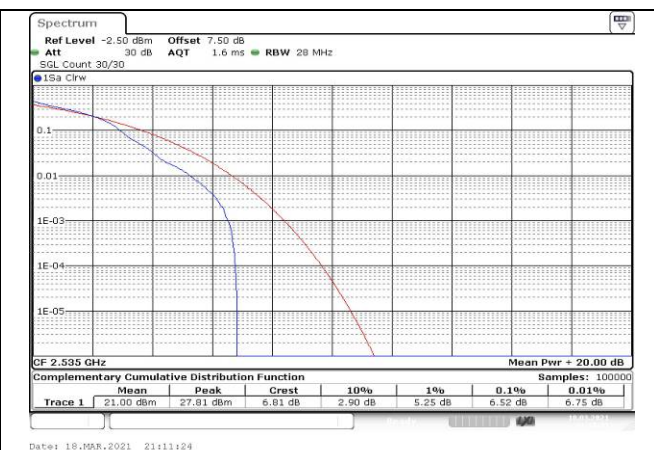


Fig.62

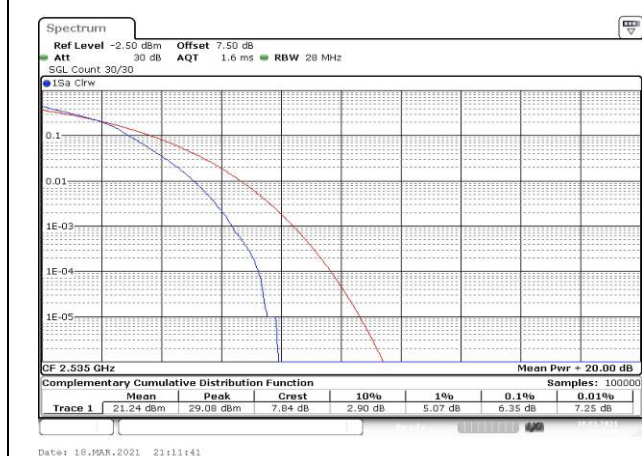


Fig.63

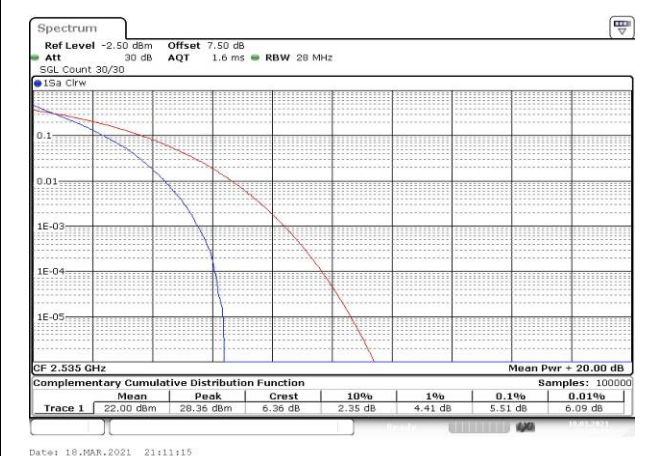


Fig.64

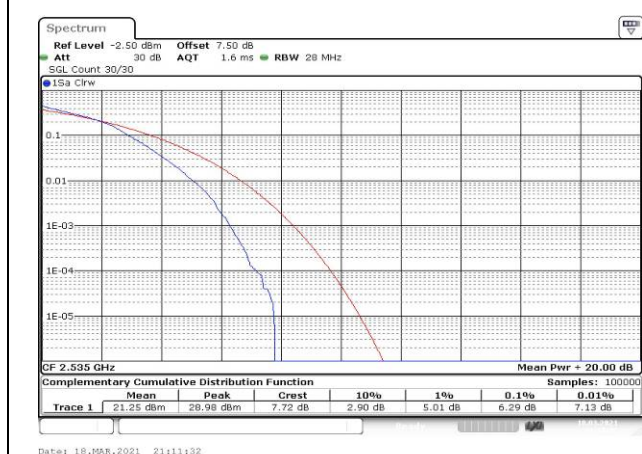


Fig.65

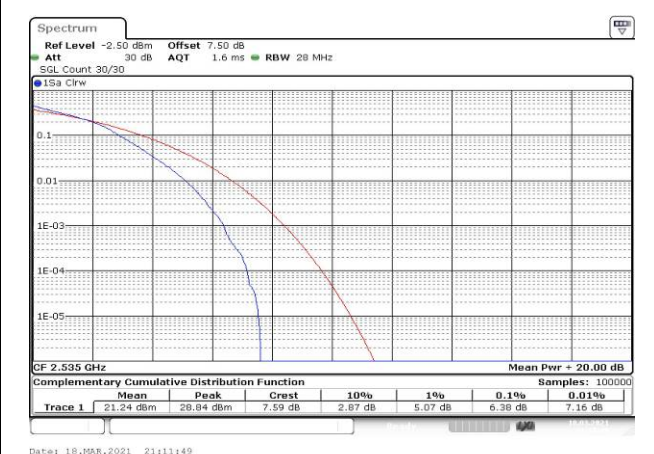


Fig.66

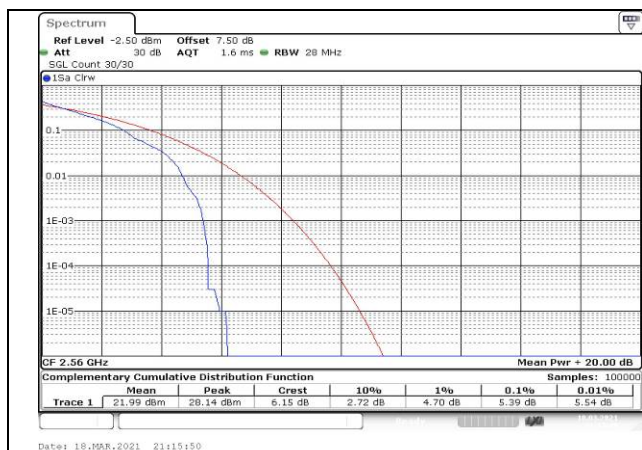


Fig.67

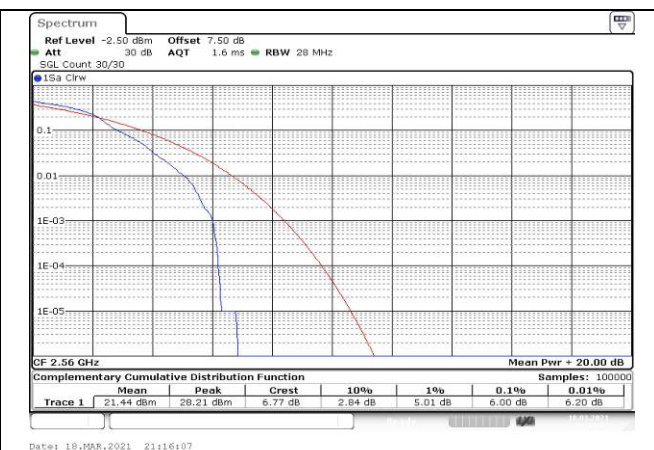


Fig.68

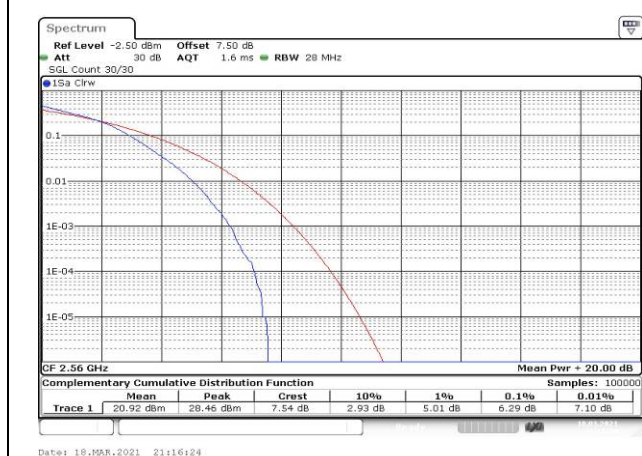


Fig.69

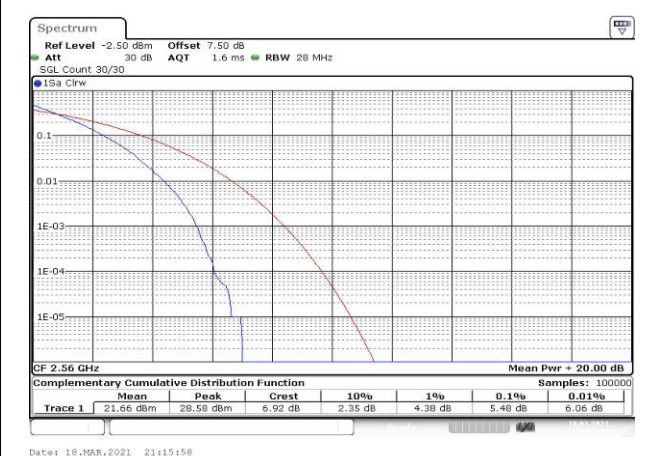


Fig.70

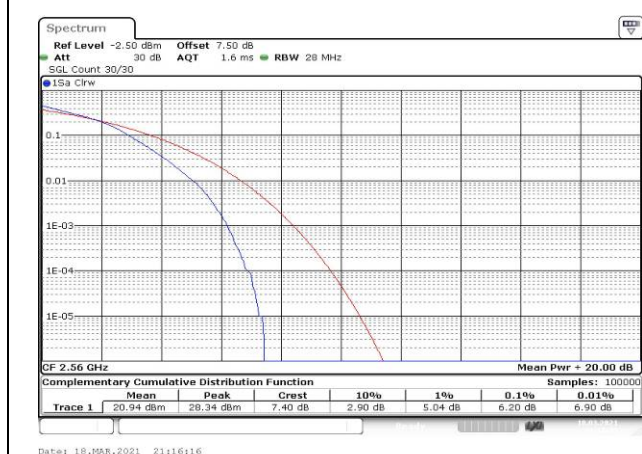


Fig.71



Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
7	2510	20850	20	1	0	Fig.1
	2535	21100		1	0	Fig.2
	2560	21350		1	0	Fig.3

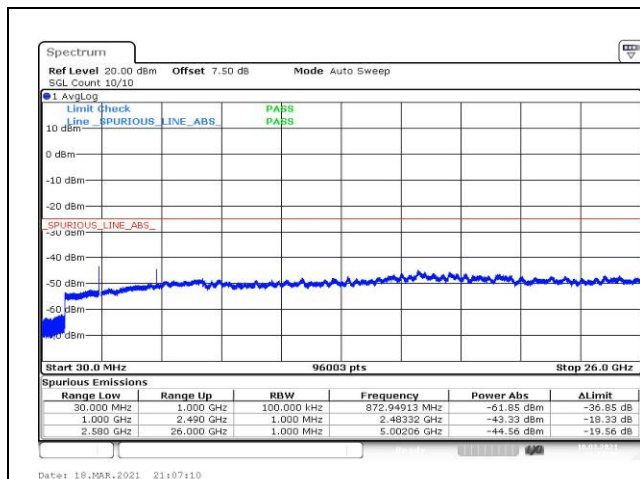


Fig.1

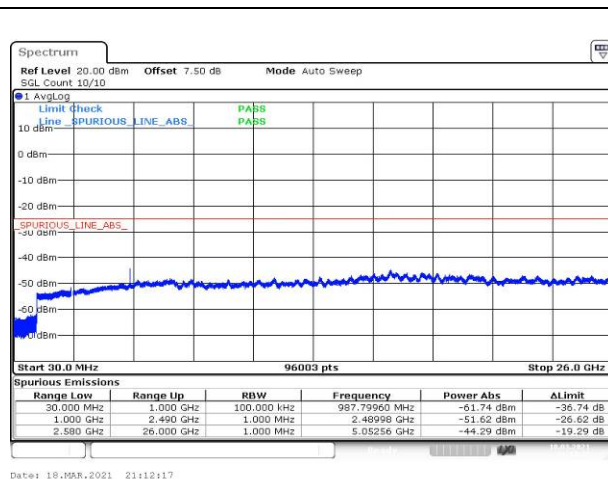


Fig.2

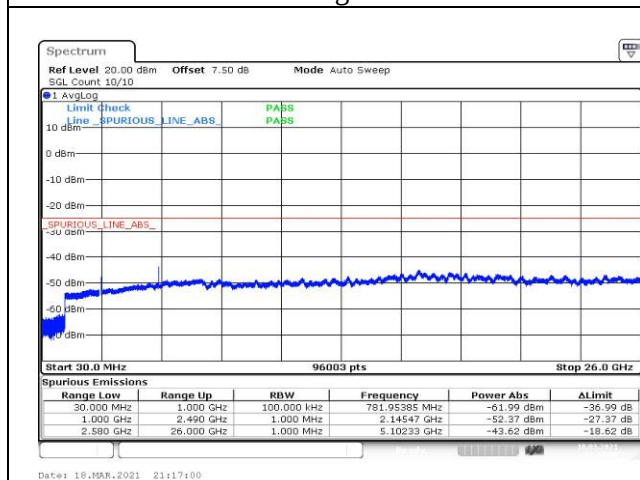


Fig.3

6 Band Edges Compliance

Band Edges Compliance							
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot	
						QPSK	
7	2502.5	20775	5	1	0	Fig.1	
				25	0	Fig.2	
		2567.5		21425	1	24	Fig.3
					25	0	Fig.4
	2505	20800	10	1	0	Fig.5	
				50	0	Fig.6	
	2565	21400		1	49	Fig.7	
				50	0	Fig.8	
	2507.5	20825	15	1	0	Fig.9	
				75	0	Fig.10	
	2562.5	21375		1	74	Fig.11	
				75	0	Fig.12	
	2510	20850	20	1	0	Fig.13	
				100	0	Fig.14	
	2560	21350		1	99	Fig.15	
				100	0	Fig.16	

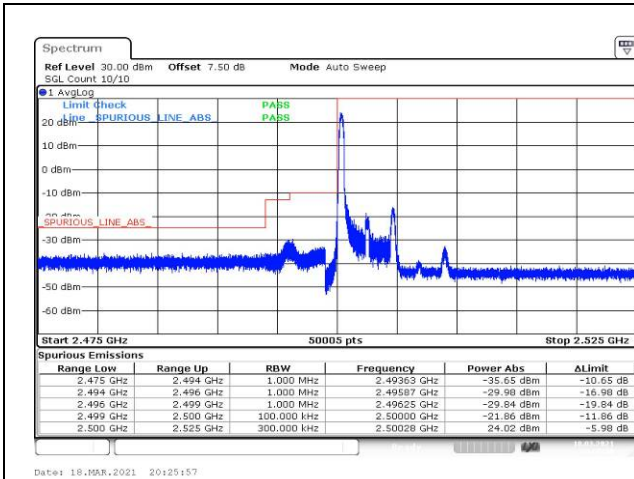


Fig.1

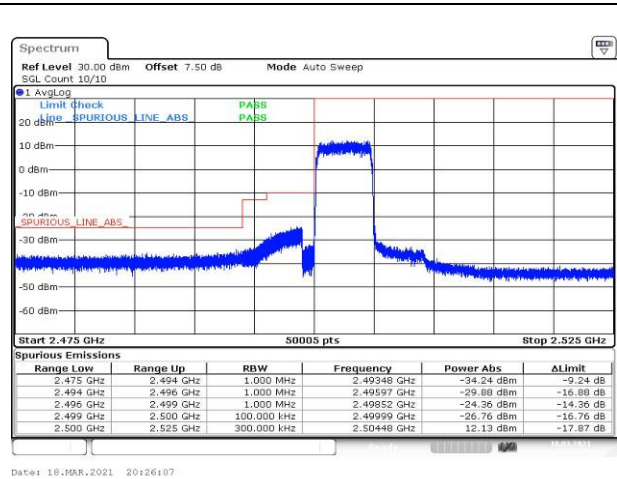


Fig.2

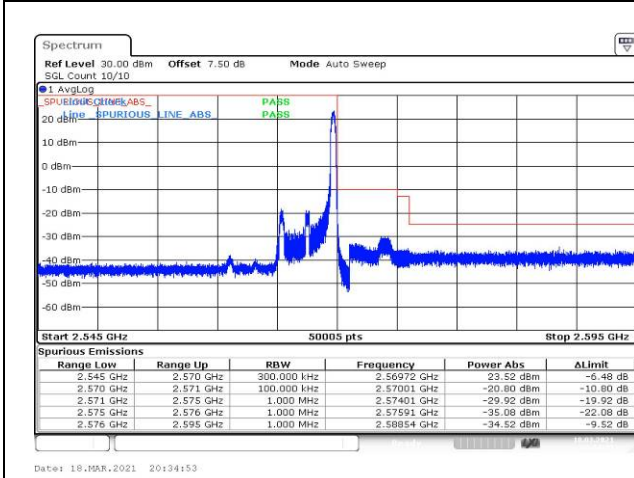


Fig.3

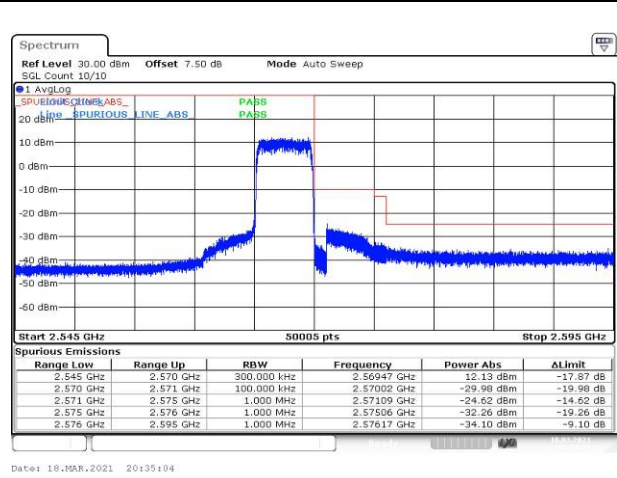


Fig.4

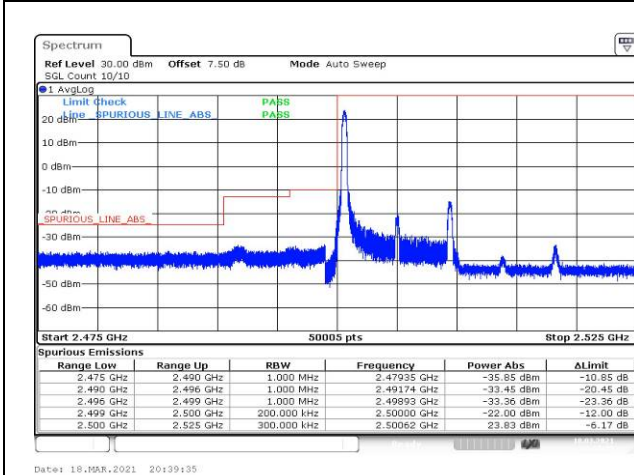


Fig.5

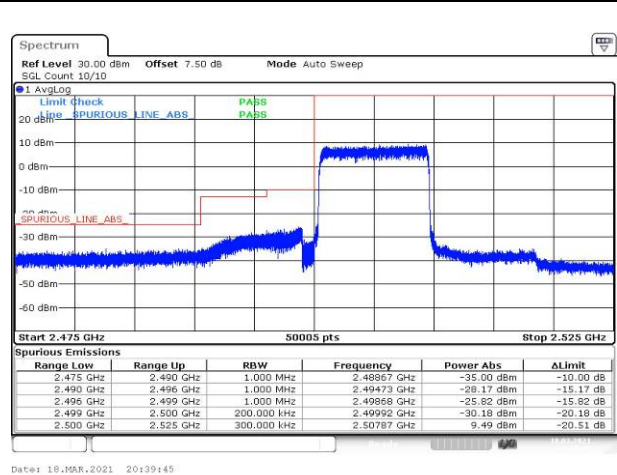


Fig.6

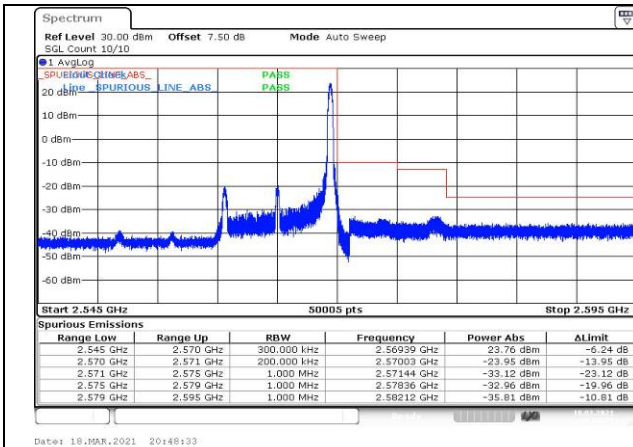


Fig.7

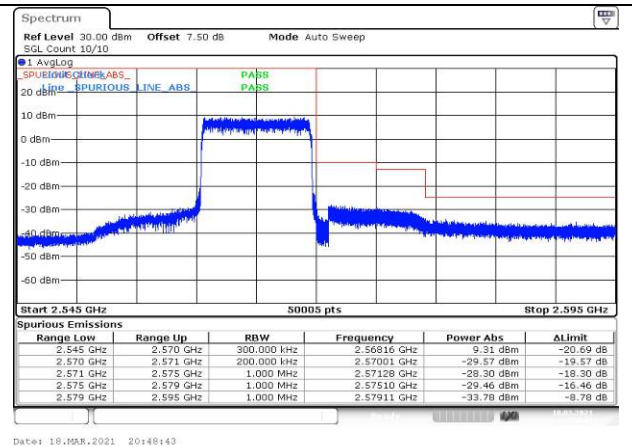


Fig.8

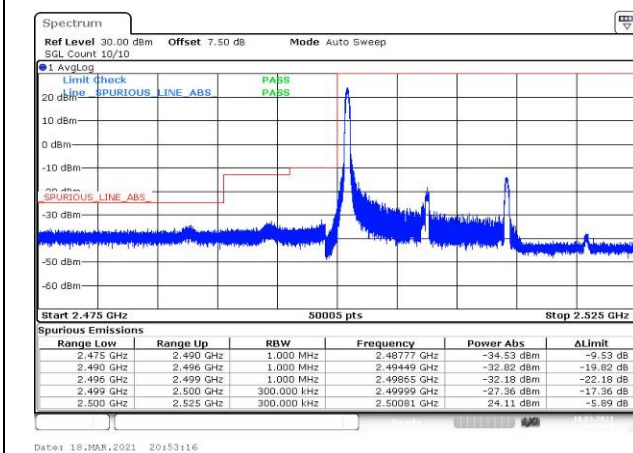


Fig.9

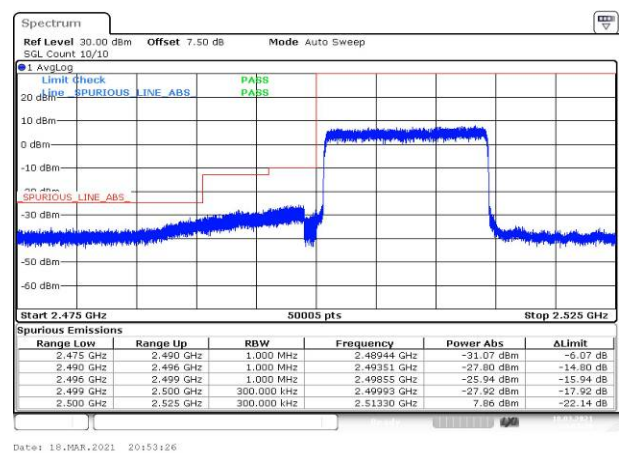


Fig.10

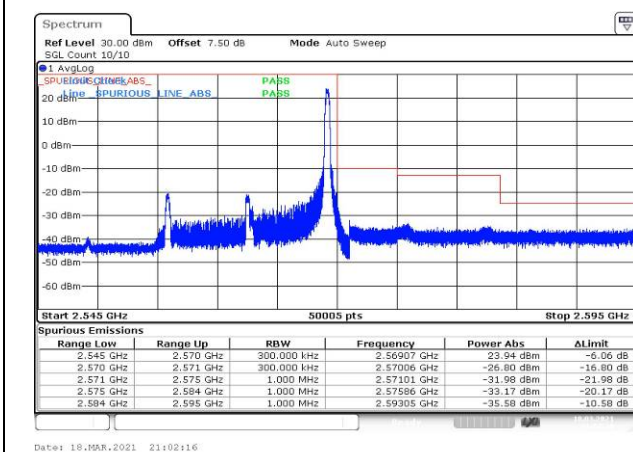


Fig.11

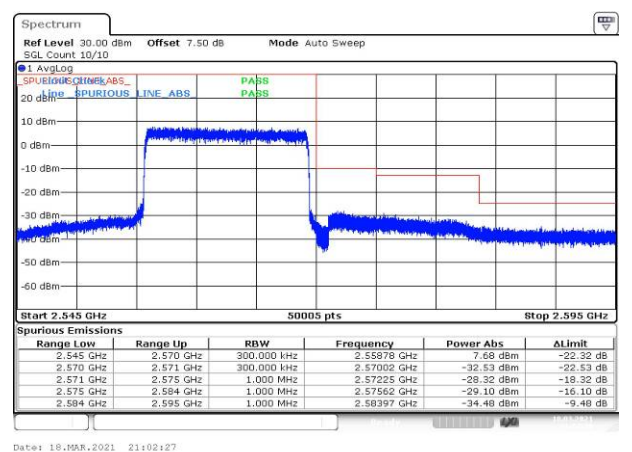


Fig.12

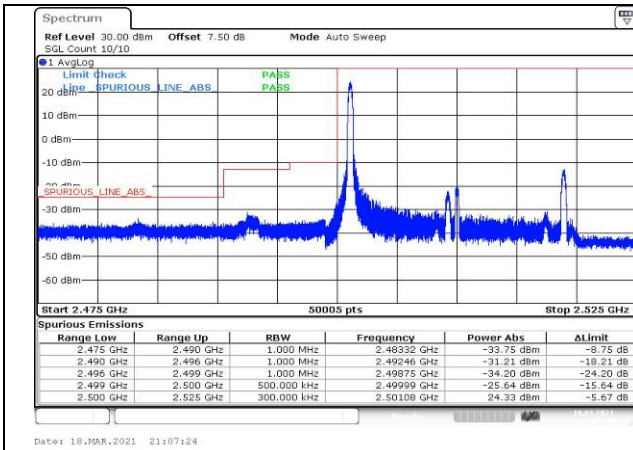


Fig.13

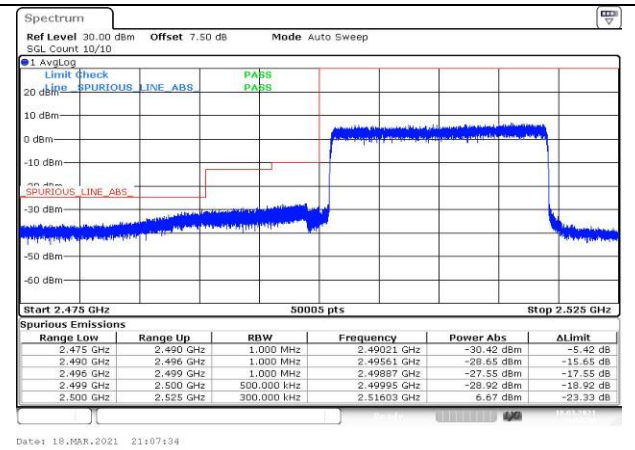


Fig.14

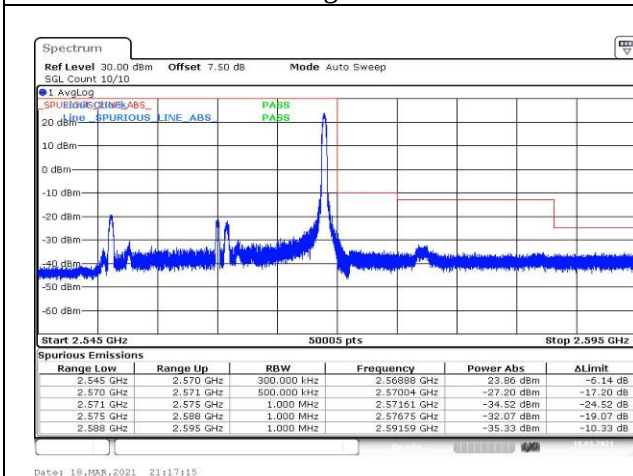


Fig.15

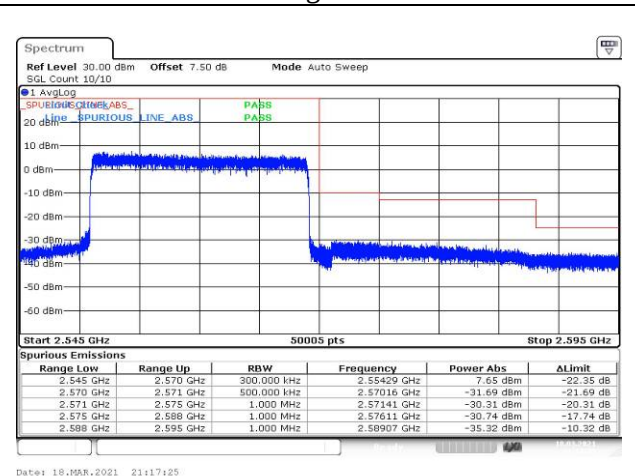


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.006	0.012	0.014	-0.009
0	NV	---	---	0.002	0.000	0.008	-0.010
+10	NV	---	---	0.009	-0.004	0.002	0.015
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	0.005	-0.007	0.004	-0.015
+40	NV	---	---	0.018	-0.002	0.013	-0.005
+50	NV	---	---	0.009	0.010	0.004	-0.014
+55	NV	---	---	0.002	0.015	0.006	-0.013
+20	LV	---	---	-0.002	-0.013	0.010	-0.002
+20	HV	---	---	0.001	-0.015	0.017	0.007

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.011	-0.002	-0.002	0.000
0	NV	---	---	0.007	-0.009	0.002	-0.013
+10	NV	---	---	0.006	-0.020	0.017	0.006
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	0.018	-0.005	0.012	-0.003
+40	NV	---	---	0.006	0.002	0.003	-0.012
+50	NV	---	---	0.007	-0.006	0.016	-0.011
+55	NV	---	---	0.004	0.015	0.011	-0.012
+20	LV	---	---	0.005	0.017	0.001	0.018
+20	HV	---	---	-0.006	0.006	0.002	0.008

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	2502.5	20775	5	1	0	23.29	23.04	0.201	
				1	12	23.13	22.88	0.194	
				1	24	23.08	22.83	0.192	
				12	0	22.11	21.86	0.153	
				12	7	22.02	21.77	0.150	
				12	13	22.01	21.76	0.150	
				25	0	22.12	21.87	0.154	
	2535	21100		1	0	23.37	23.12	0.205	
				1	12	23.42	23.17	0.207	
				1	24	23.40	23.15	0.207	
				12	0	22.31	22.06	0.161	
				12	7	22.43	22.18	0.165	
				12	13	22.42	22.17	0.165	
				25	0	22.26	22.01	0.159	
	2567.5	21425		1	0	23.12	22.87	0.194	
				1	12	22.81	22.56	0.180	
				1	24	22.79	22.54	0.179	
				12	0	22.33	22.08	0.161	
				12	7	22.28	22.03	0.160	
				12	13	22.27	22.02	0.159	
				25	0	22.34	22.09	0.162	
	16QAM	2502.5		20775	1	0	21.67	21.42	0.139
					1	12	21.34	21.09	0.129
					1	24	21.52	21.27	0.134
12					0	21.46	21.21	0.132	
12					7	21.08	20.83	0.121	
12					13	21.07	20.82	0.121	
25					0	21.26	21.01	0.126	
2535		21100		1	0	22.13	21.88	0.154	
				1	12	22.07	21.82	0.152	
				1	24	22.02	21.77	0.150	
				12	0	21.31	21.06	0.128	
				12	7	21.23	20.98	0.125	
				12	13	21.29	21.04	0.127	
				25	0	21.62	21.37	0.137	
2567.5		21425		1	0	21.81	21.56	0.143	
				1	12	21.75	21.50	0.141	
				1	24	21.87	21.62	0.145	
				12	0	21.28	21.03	0.127	
				12	7	21.29	21.04	0.127	
				12	13	21.27	21.02	0.126	
				25	0	21.43	21.18	0.131	

Modulation	Carrier frequen- cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct- ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2502.5	20775	5	1	0	21.25	21.00	0.126
				1	12	21.25	21.00	0.126
				1	24	21.24	20.99	0.126
				12	0	21.21	20.96	0.125
				12	7	21.22	20.97	0.125
				12	13	21.22	20.97	0.125
				25	0	21.35	21.10	0.129
	2535	21100		1	0	21.42	21.17	0.131
				1	12	21.78	21.53	0.142
				1	24	21.61	21.36	0.137
				12	0	21.61	21.36	0.137
				12	7	21.96	21.71	0.148
				12	13	21.78	21.53	0.142
				25	0	21.60	21.35	0.136
	2567.5	21425		1	0	21.43	21.18	0.131
				1	12	21.41	21.16	0.131
				1	24	21.45	21.20	0.132
				12	0	21.43	21.18	0.131
				12	7	21.43	21.18	0.131
				12	13	21.43	21.18	0.131
				25	0	21.28	21.03	0.127