

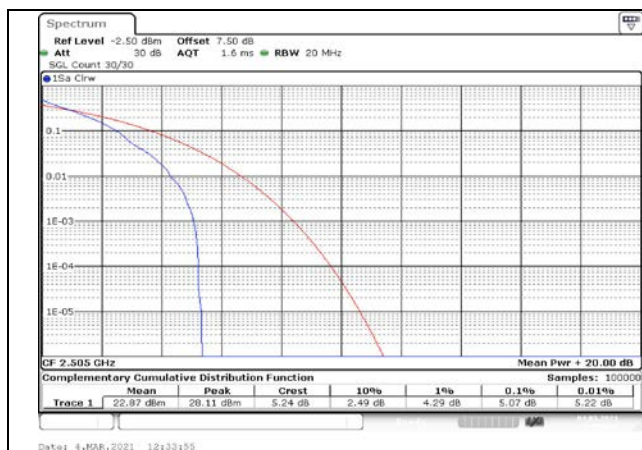


Fig.19

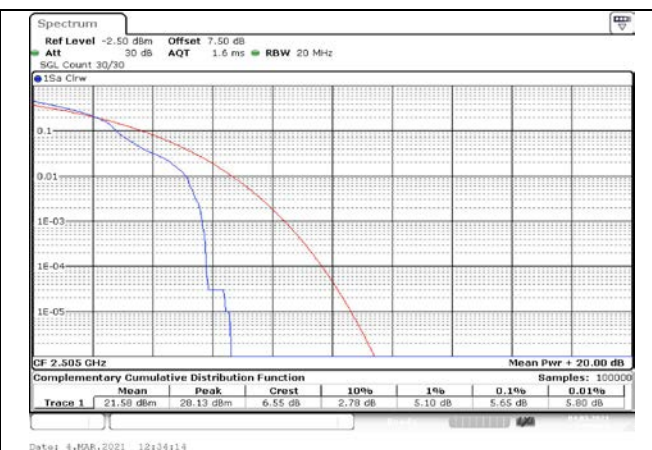


Fig.20

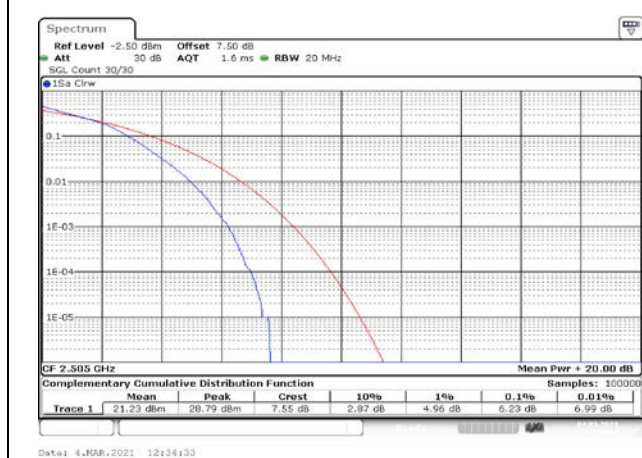


Fig.21

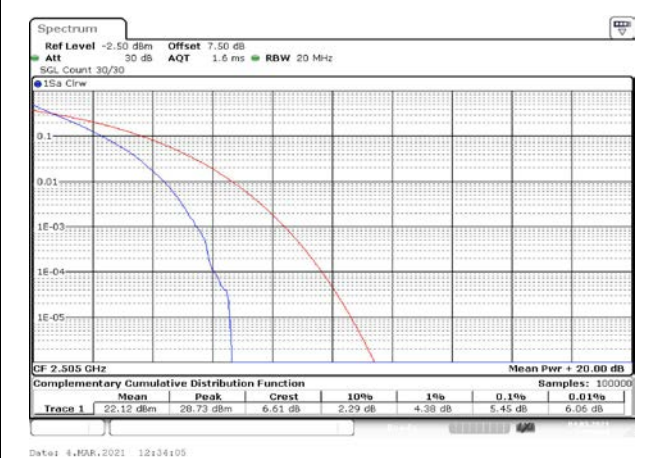


Fig.22

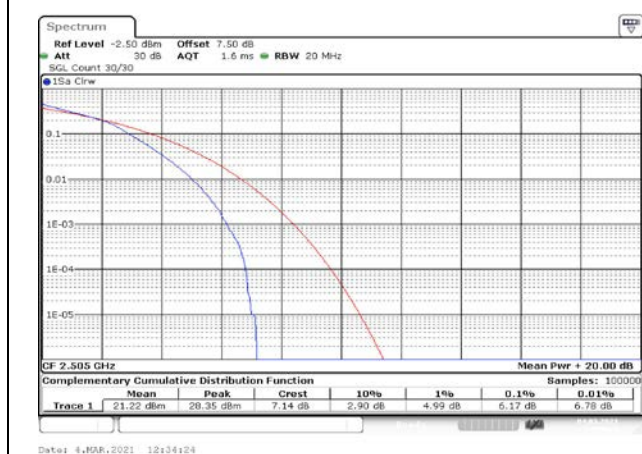


Fig.23

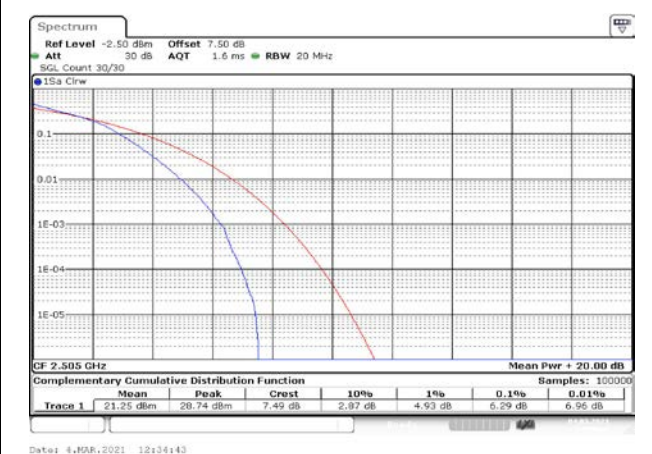


Fig.24

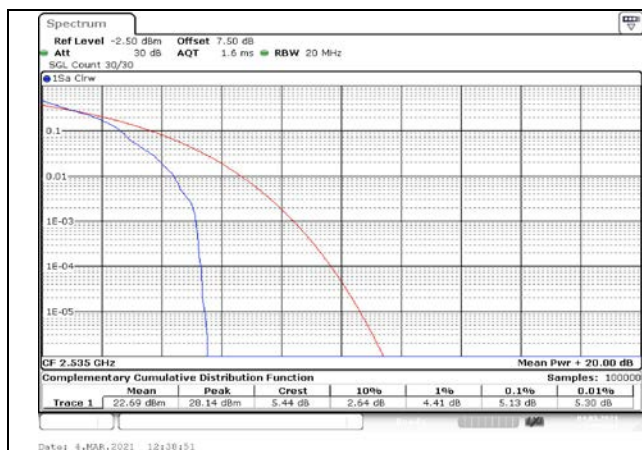


Fig.25

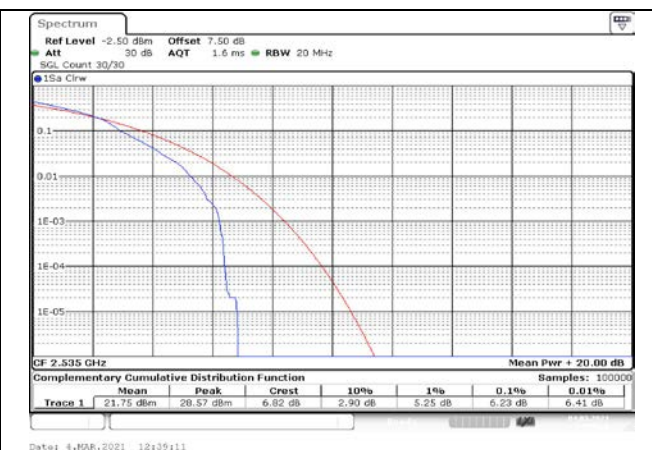


Fig.26

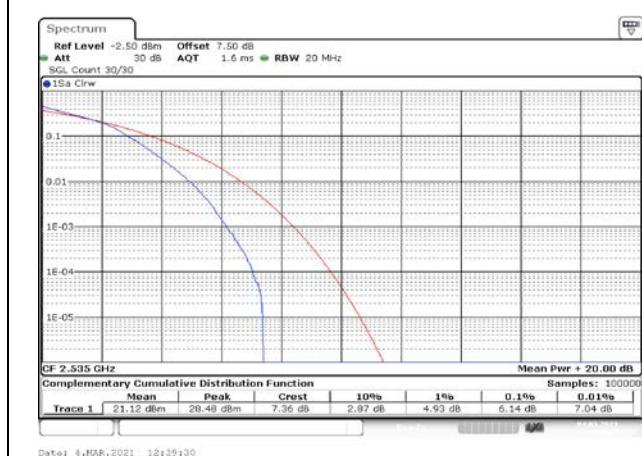


Fig.27

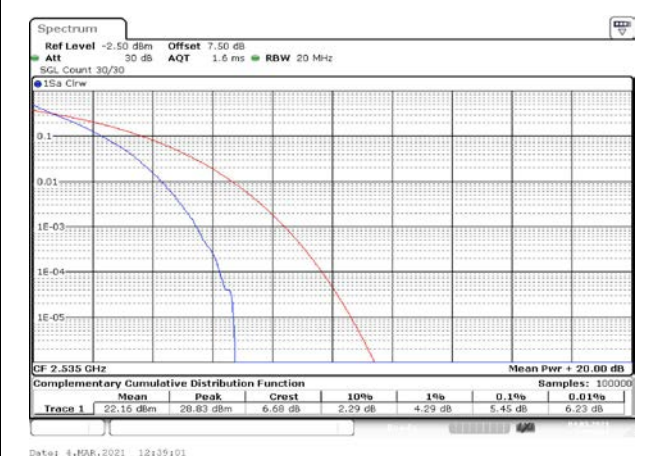


Fig.28

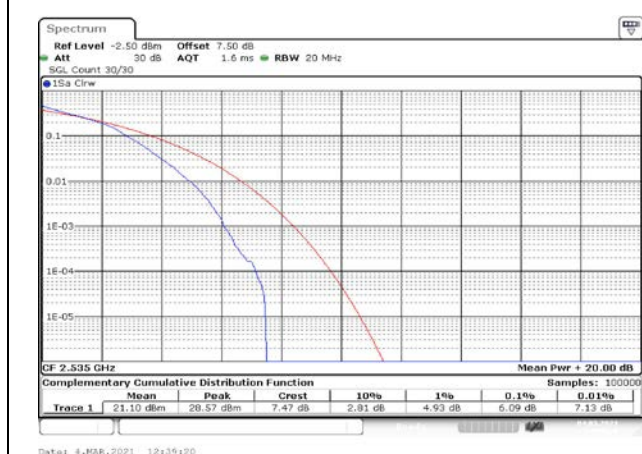


Fig.29

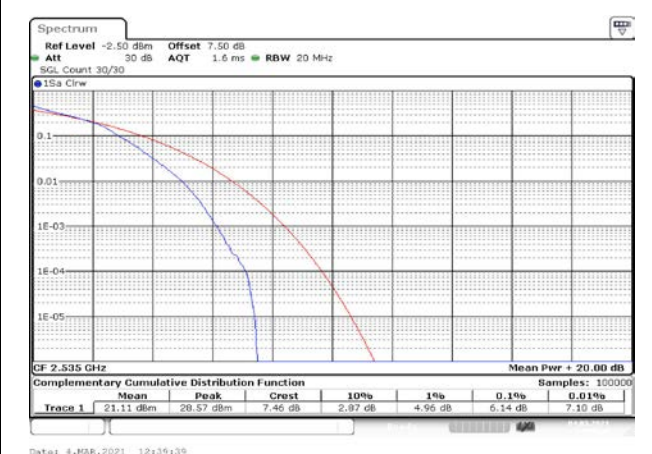


Fig.30

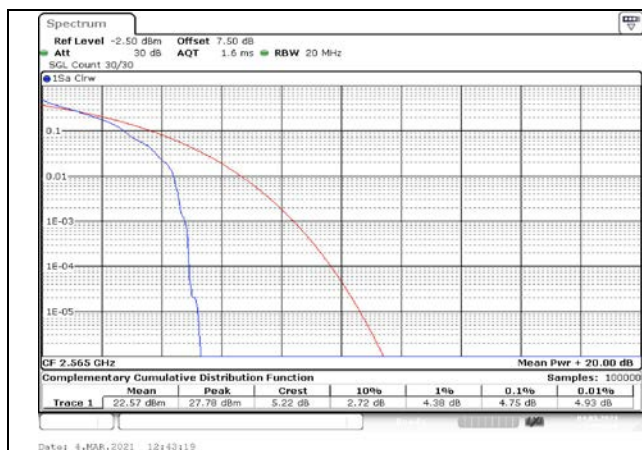


Fig.31

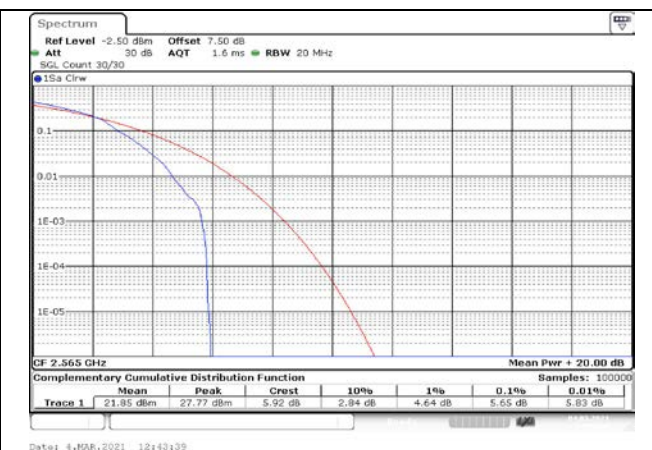


Fig.32

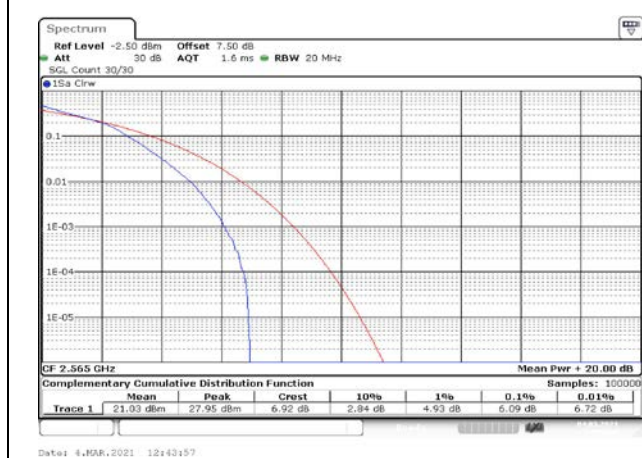


Fig.33

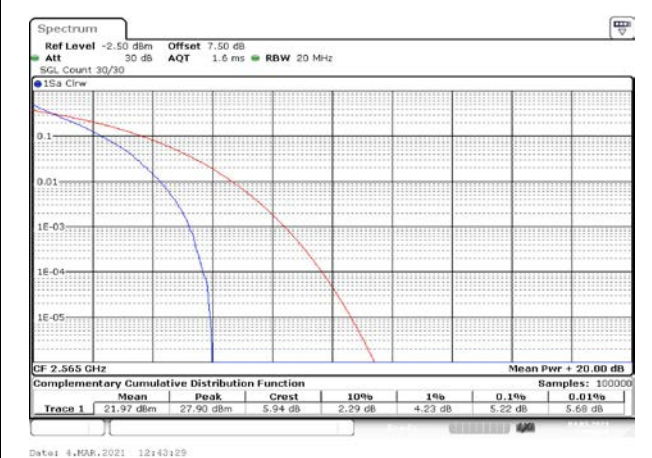


Fig.34

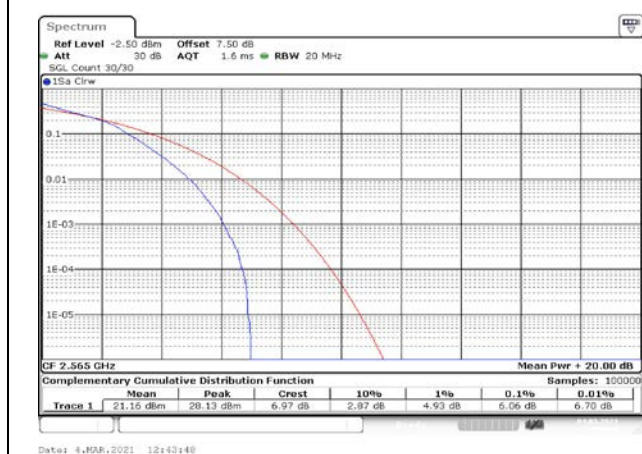


Fig.35

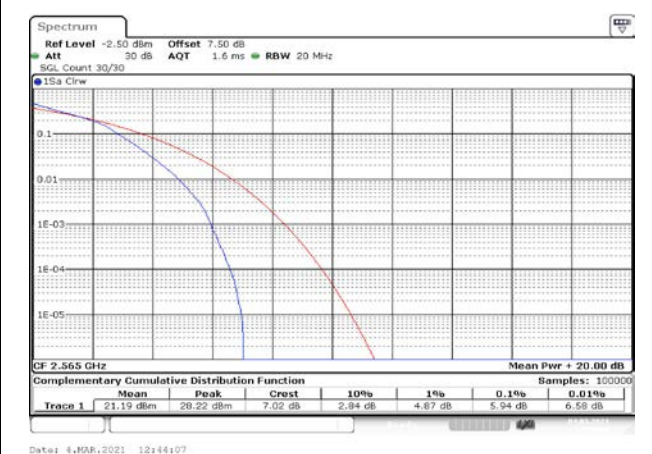


Fig.36

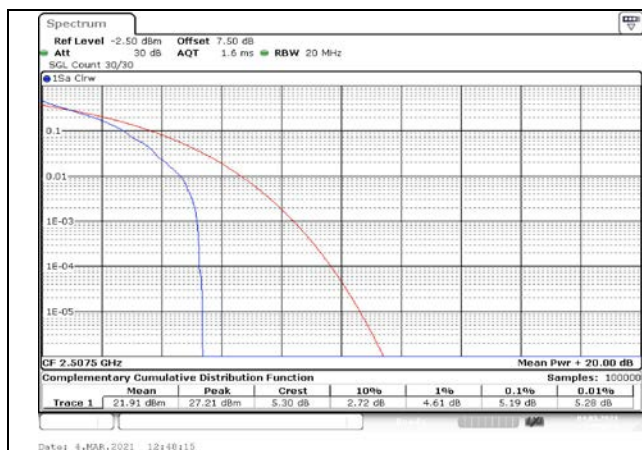


Fig.37

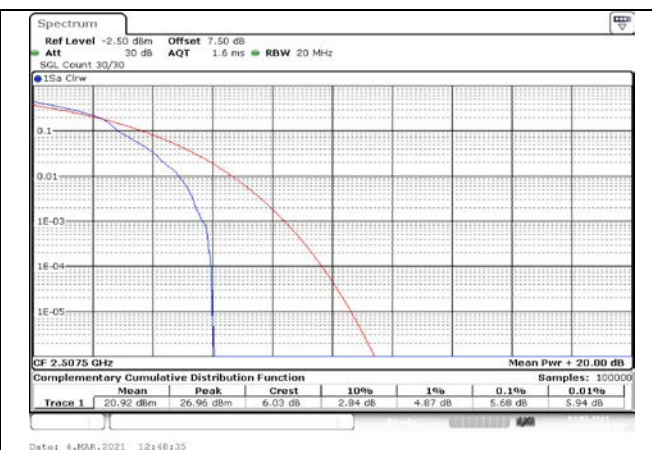


Fig.38

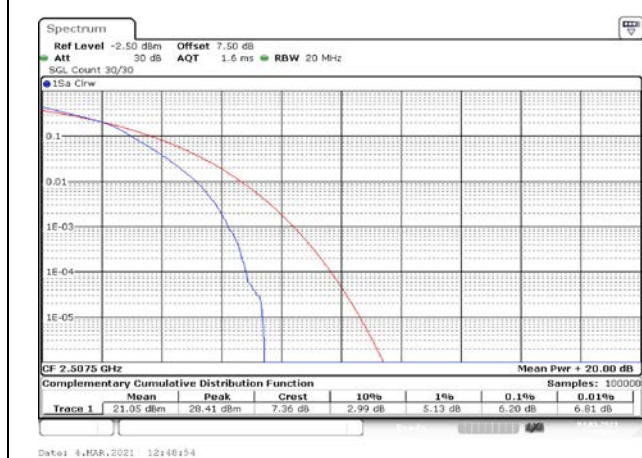


Fig.39

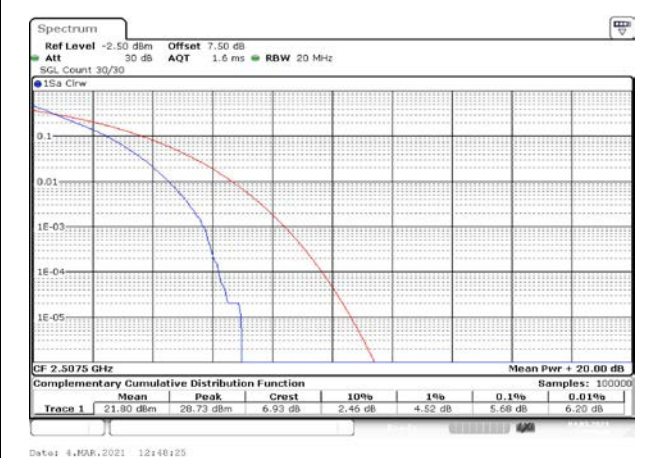


Fig.40

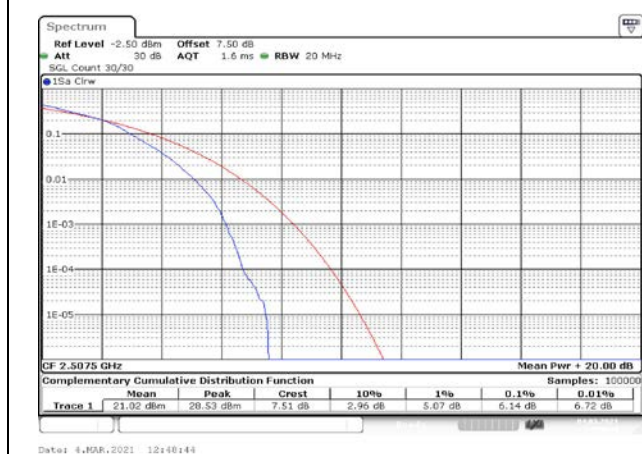


Fig.41

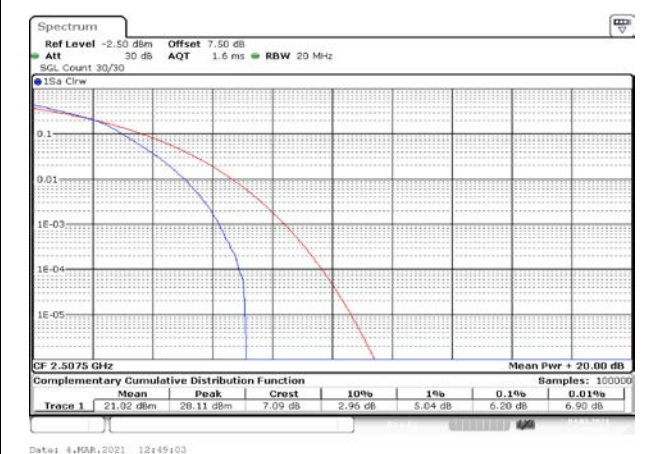


Fig.42

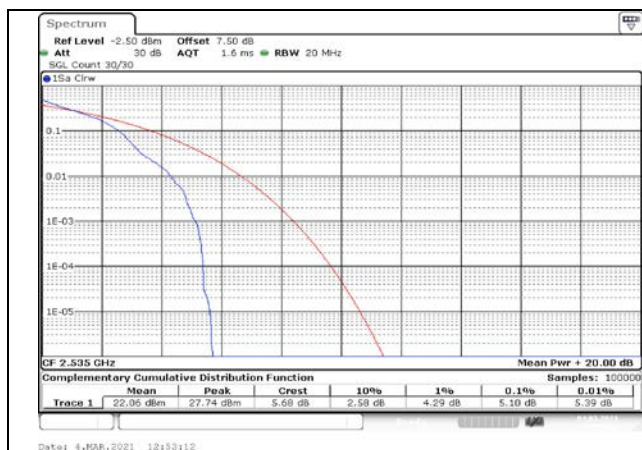


Fig.43

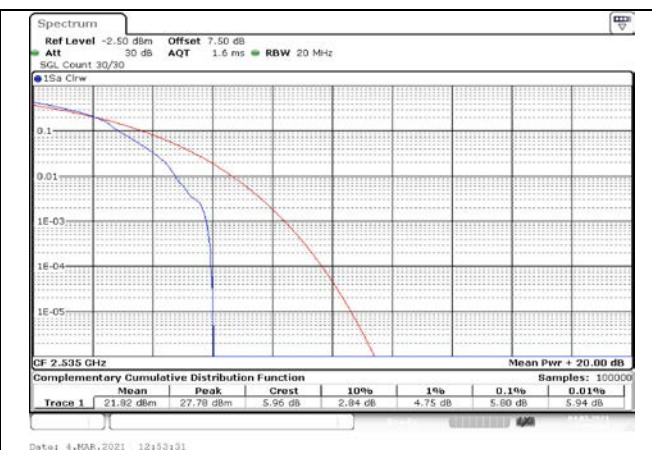


Fig.44

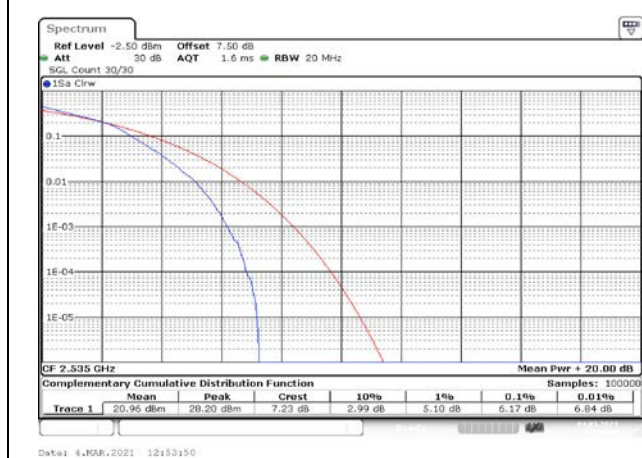


Fig.45

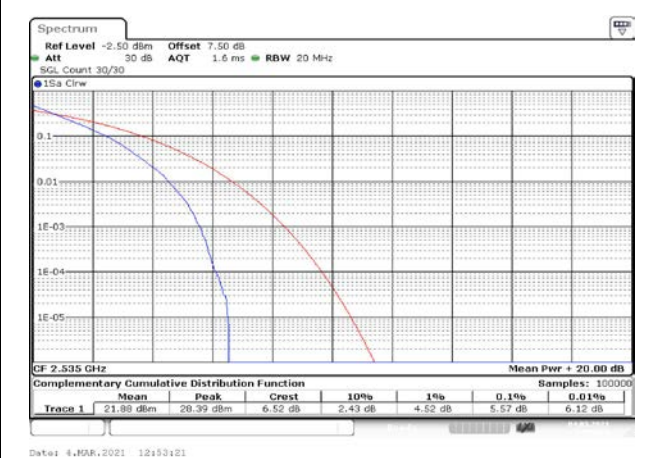


Fig.46

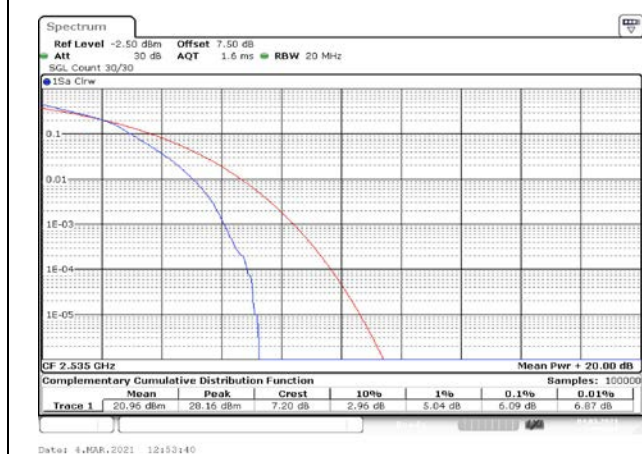


Fig.47

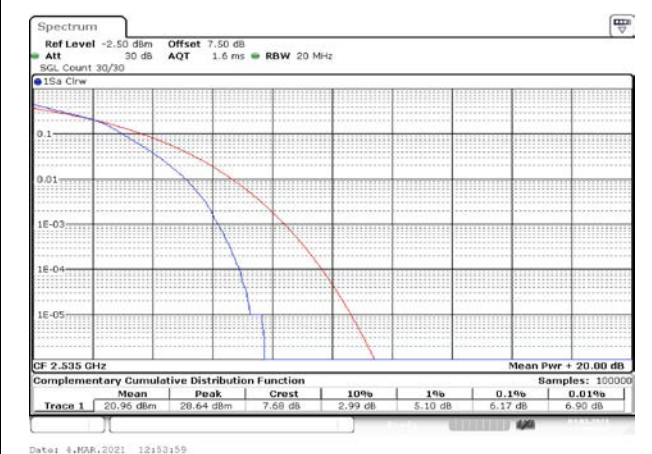


Fig.48

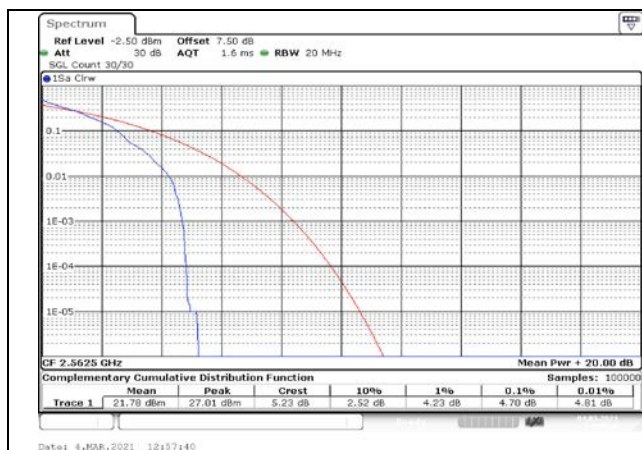


Fig.49

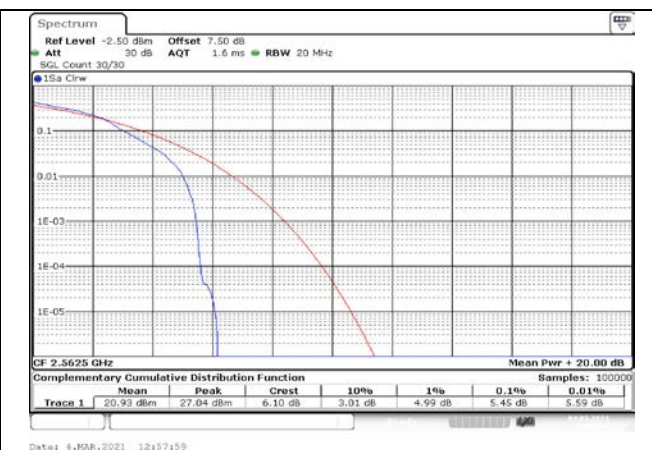


Fig.50

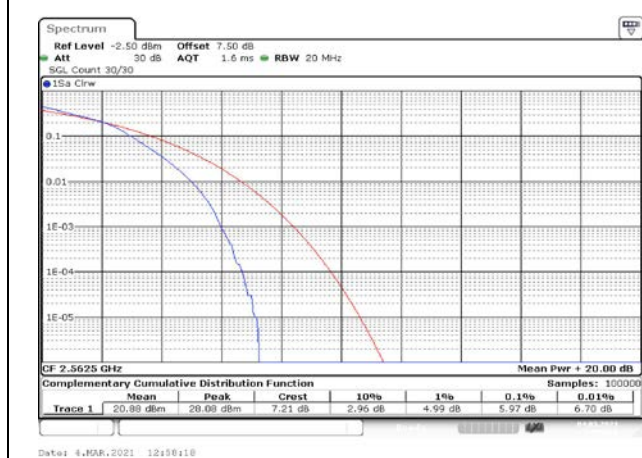


Fig.51

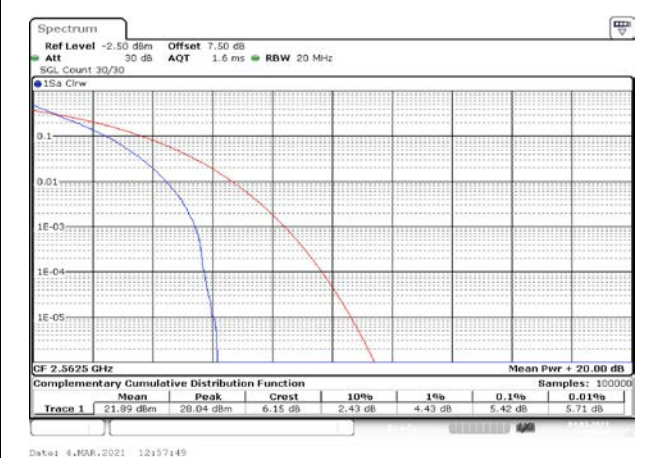


Fig.52

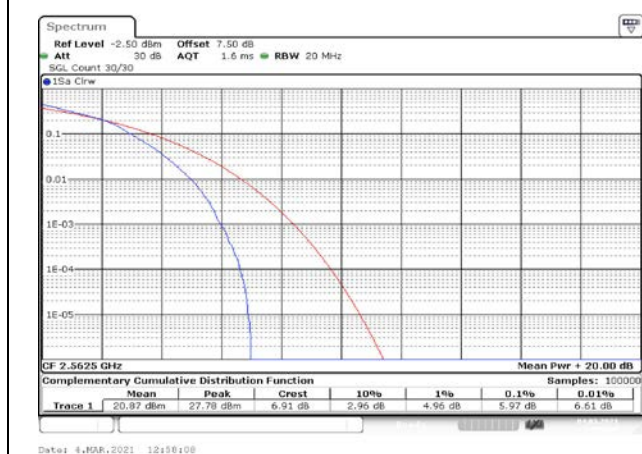


Fig.53

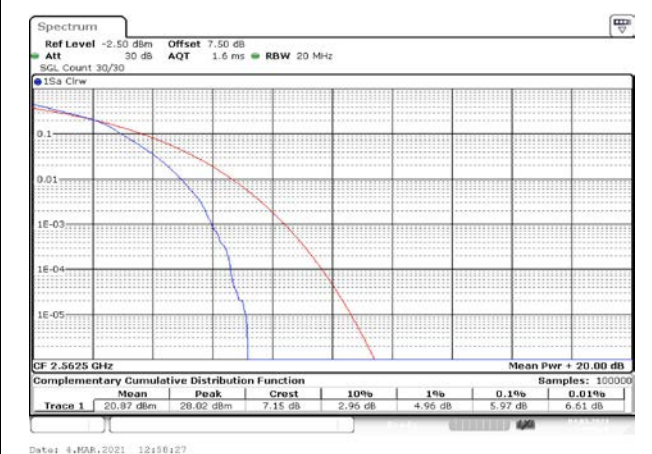


Fig.54

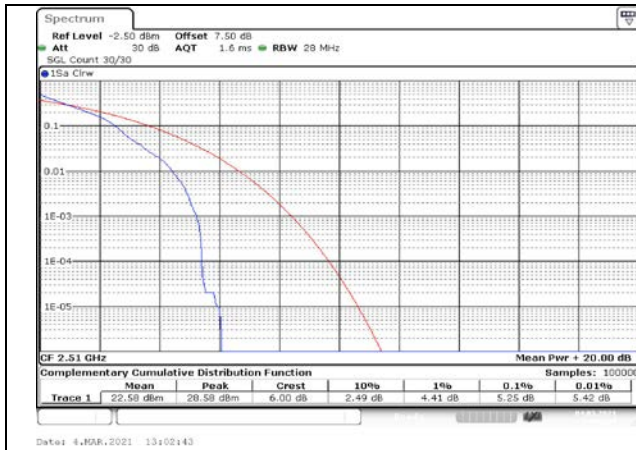


Fig.55

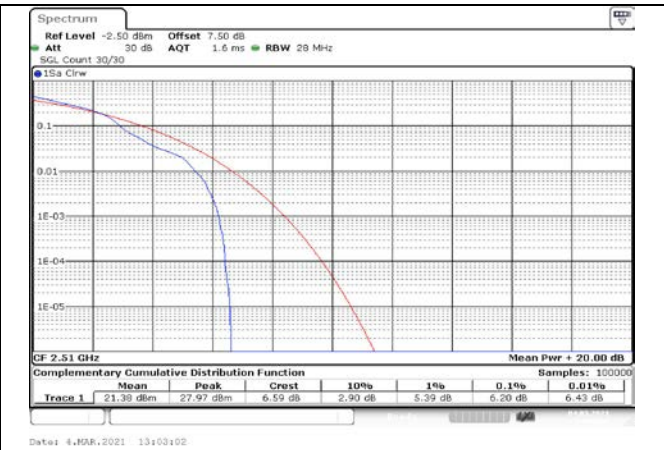


Fig.56

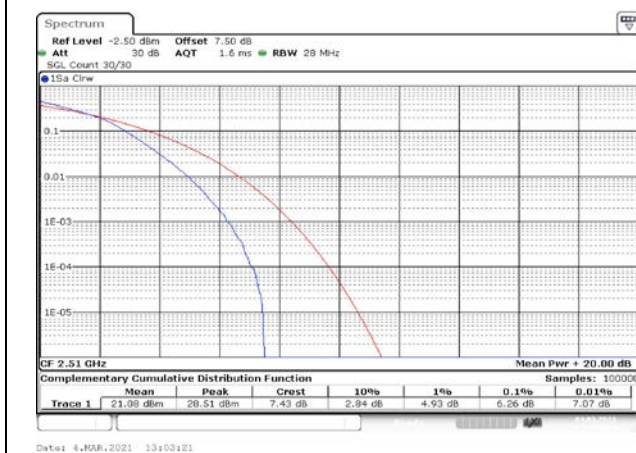


Fig.57

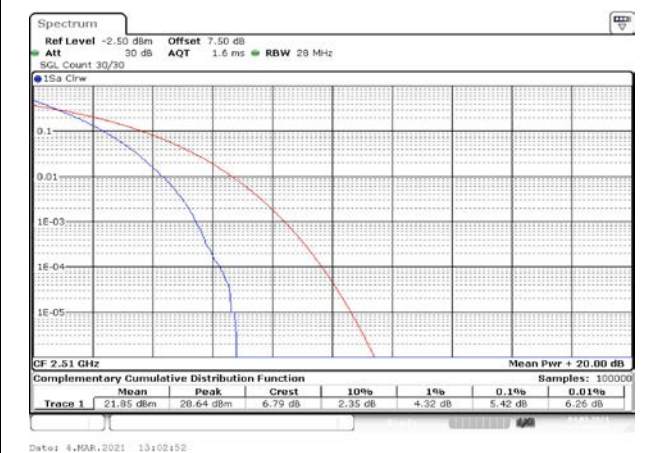


Fig.58

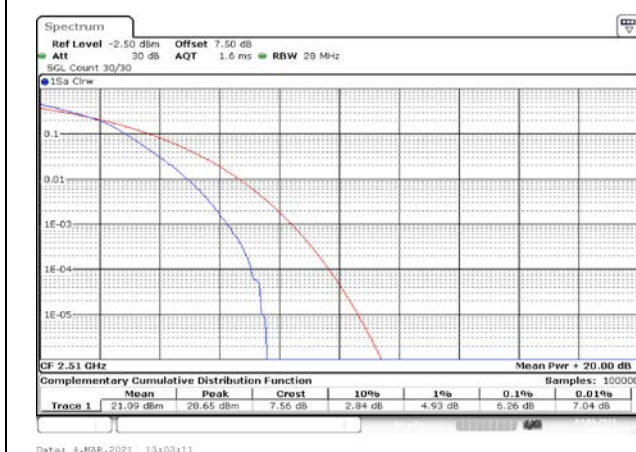


Fig.59

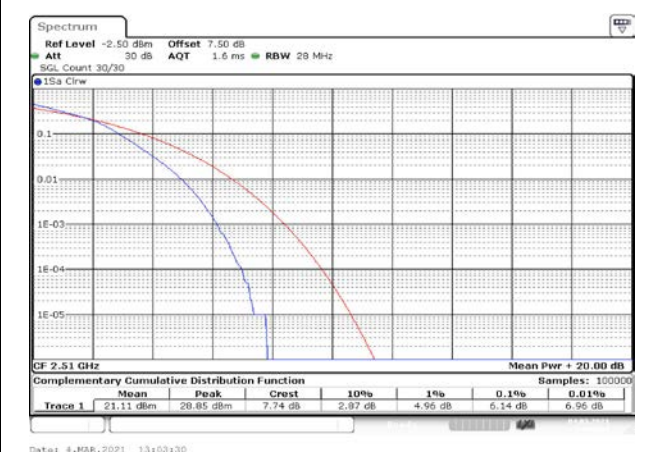


Fig.60

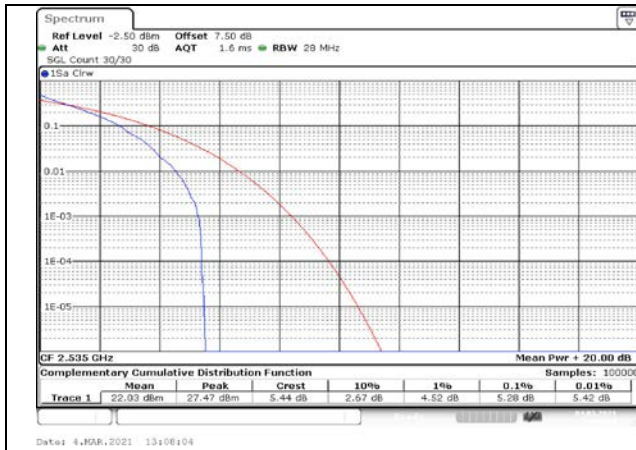


Fig.61

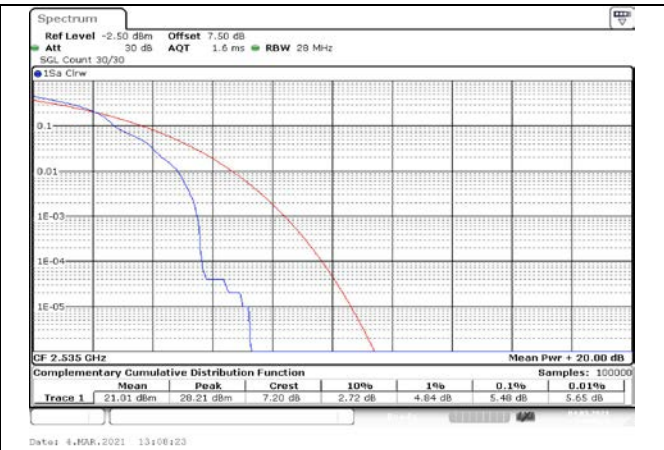


Fig.62

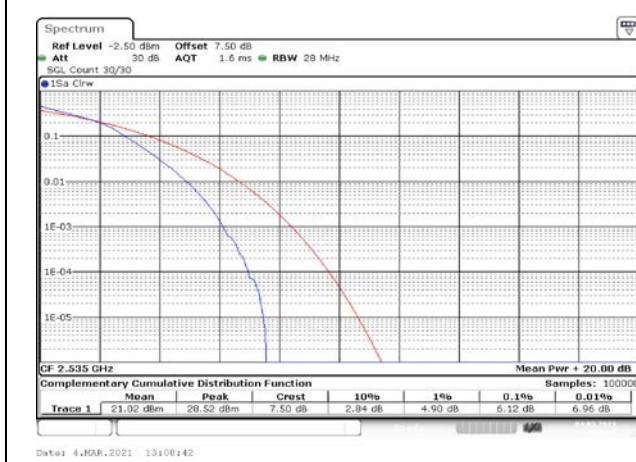


Fig.63

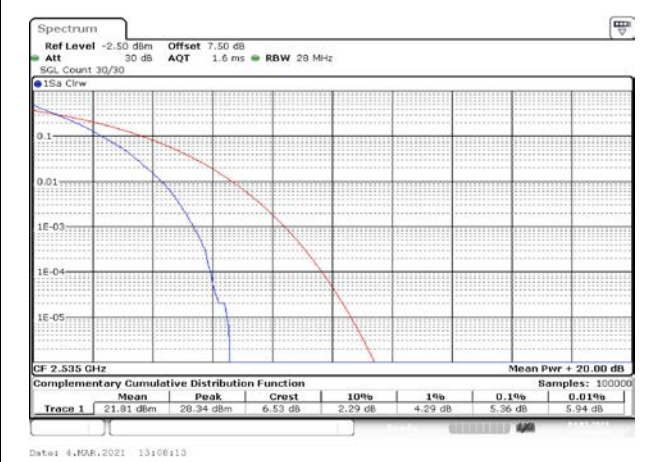


Fig.64

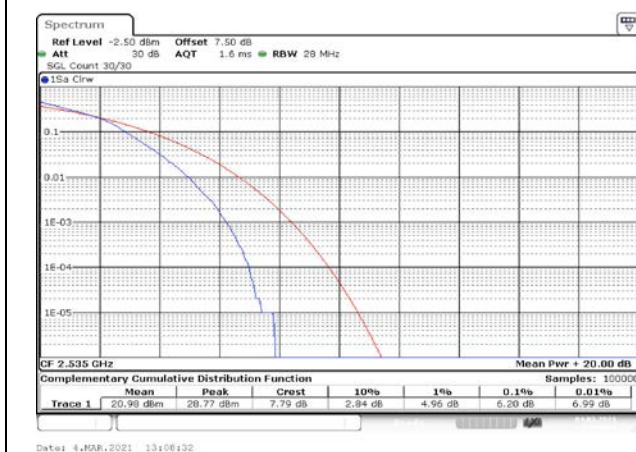


Fig.65

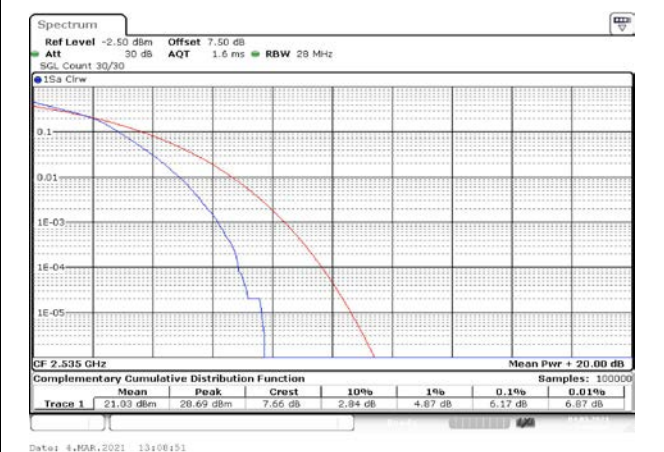


Fig.66

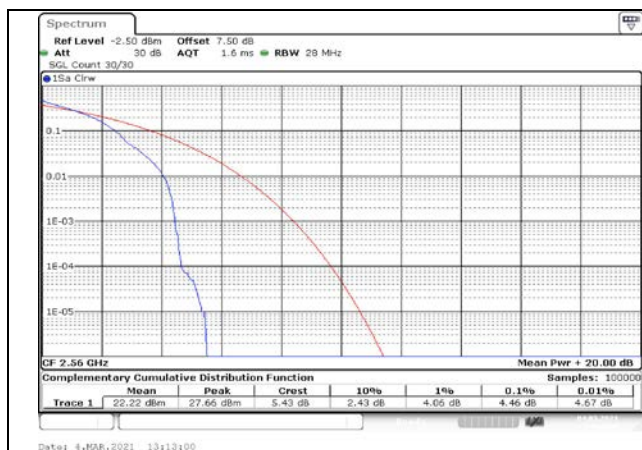


Fig.67

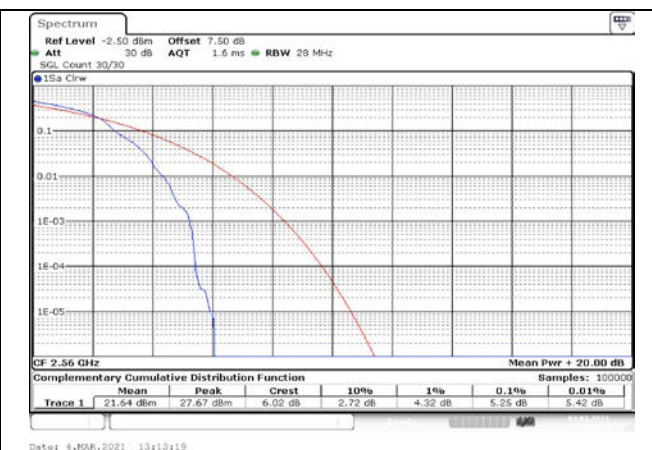


Fig.68

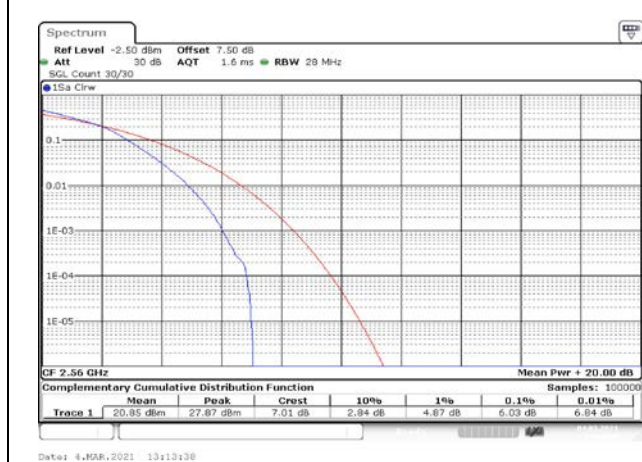


Fig.69

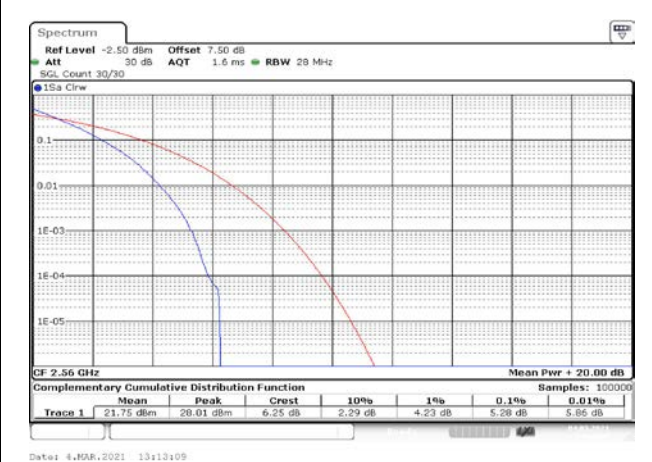


Fig.70

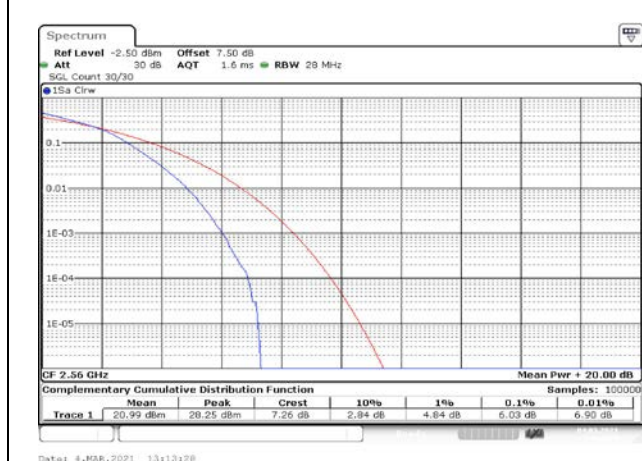


Fig.71

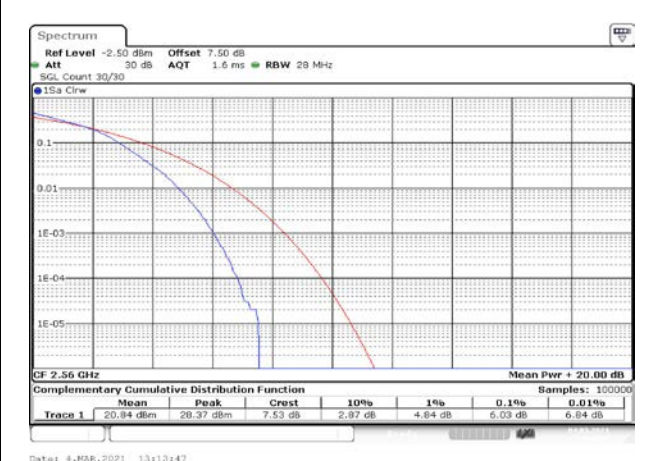


Fig.72

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

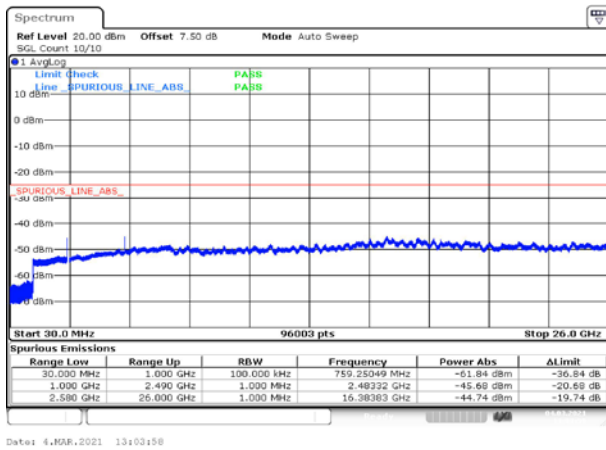


Fig.1

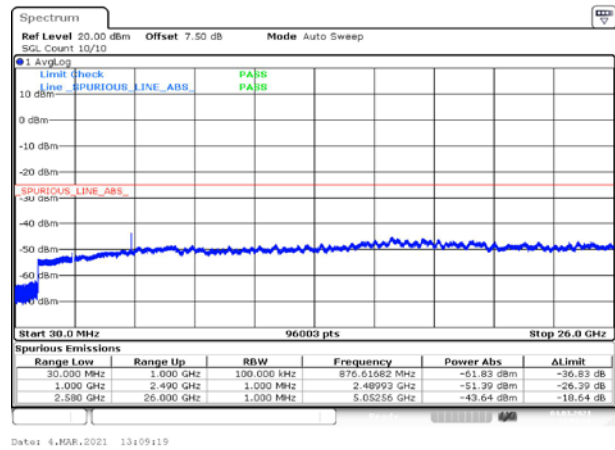


Fig.2

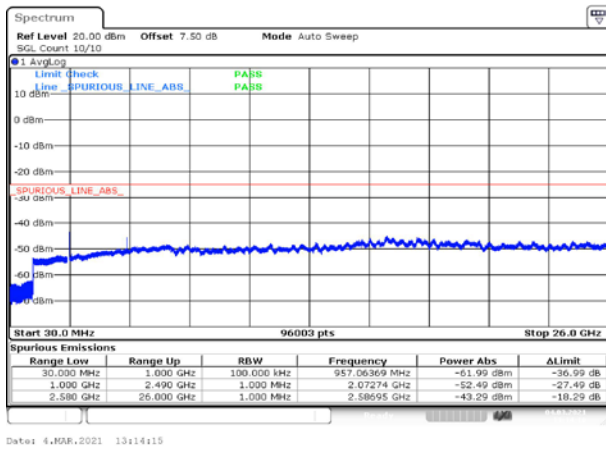


Fig.3

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

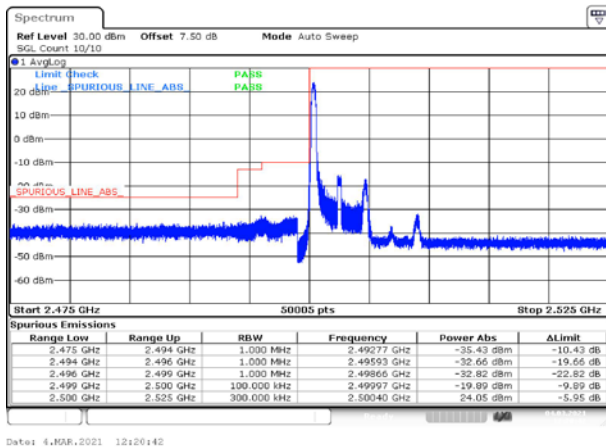


Fig.1

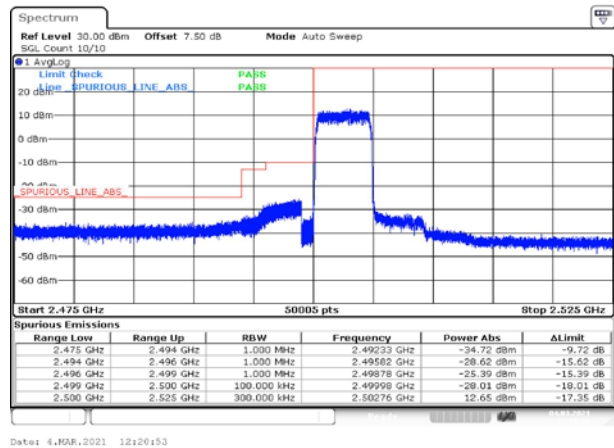


Fig.2

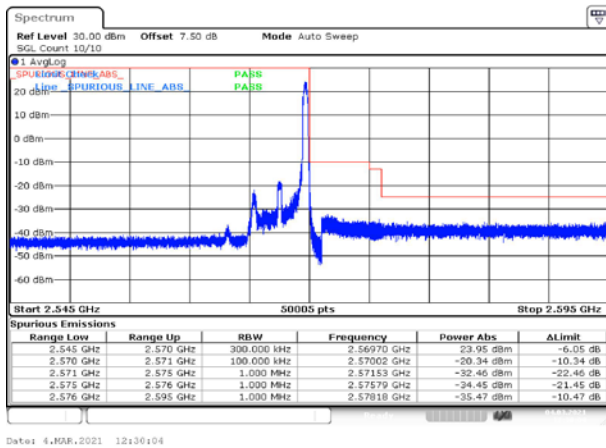


Fig.3

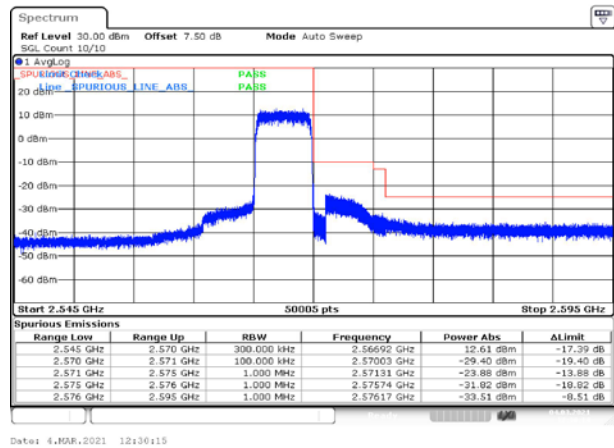


Fig.4

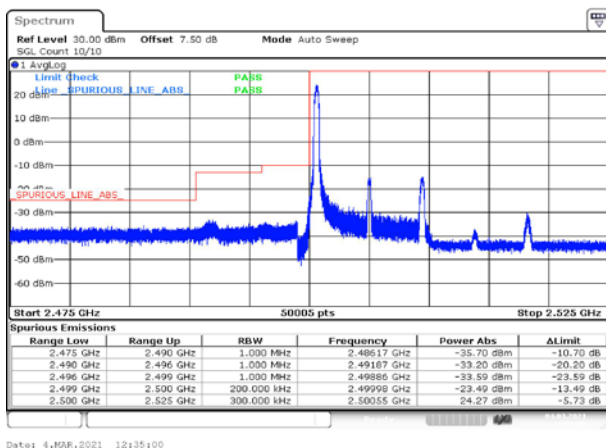


Fig.5

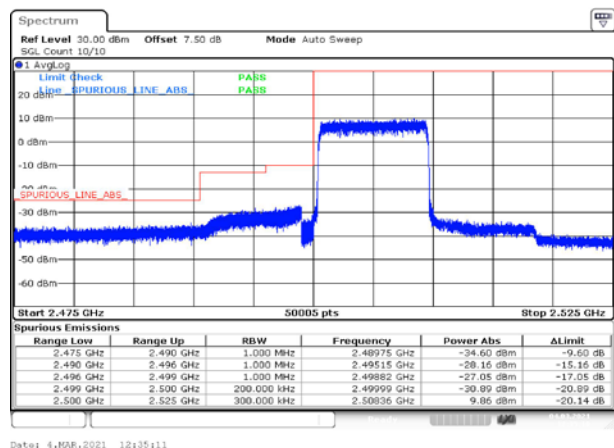


Fig.6

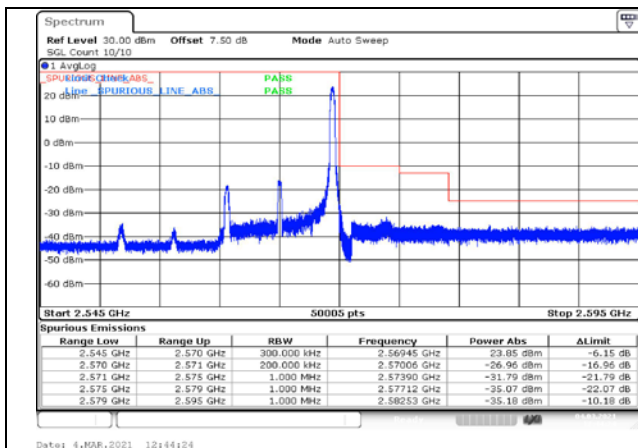


Fig.7

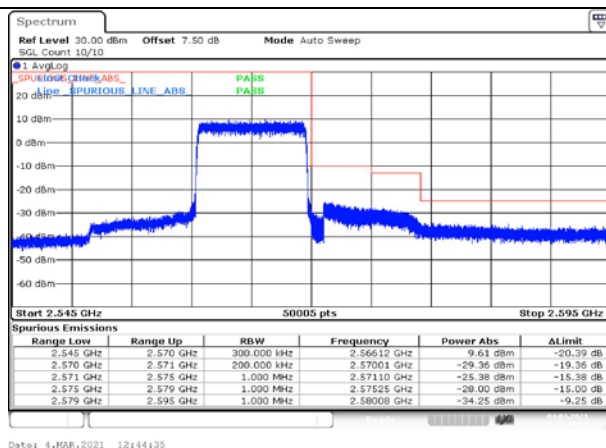


Fig.8

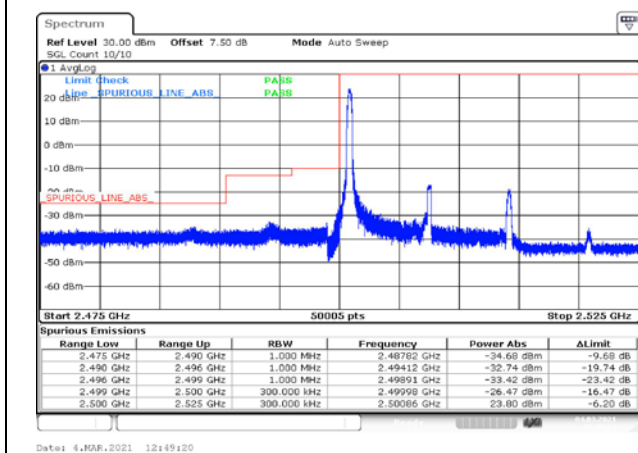


Fig.9

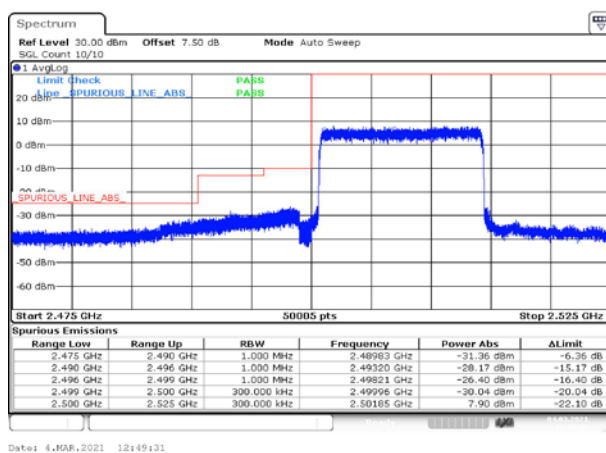


Fig.10

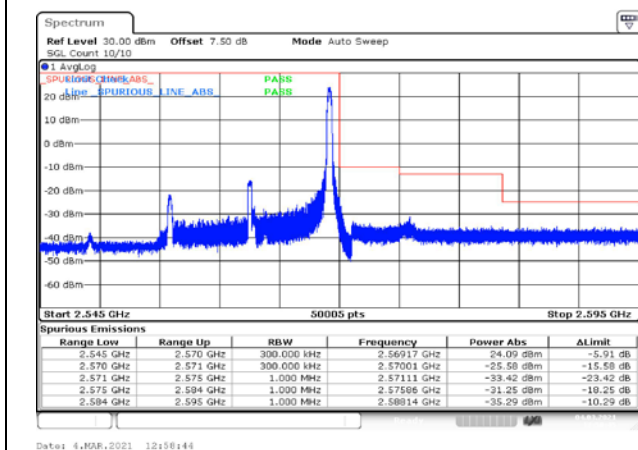


Fig.11

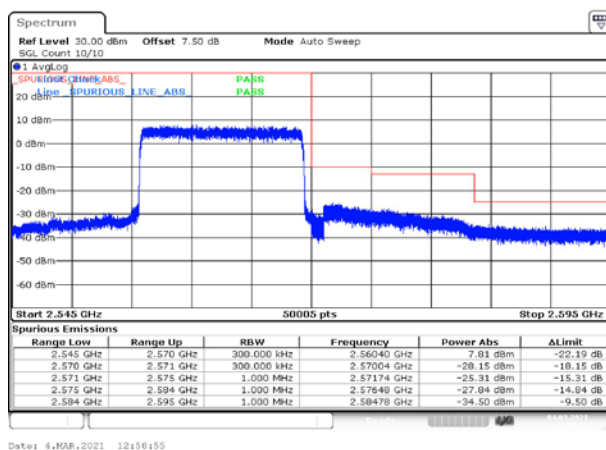


Fig.12

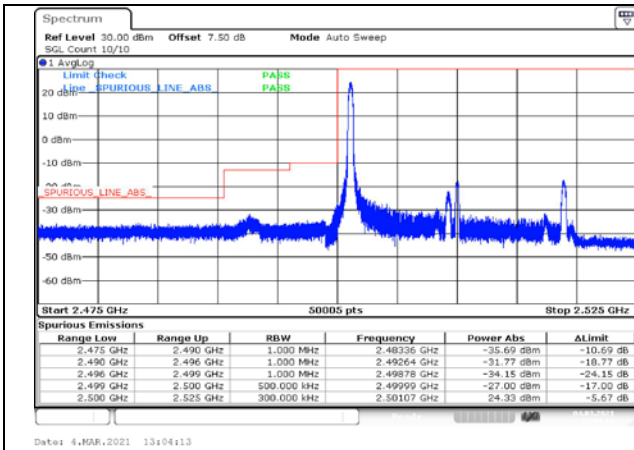


Fig.13

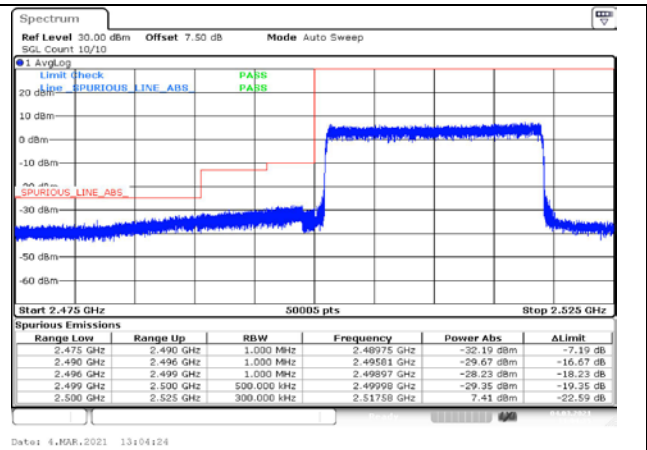


Fig.14

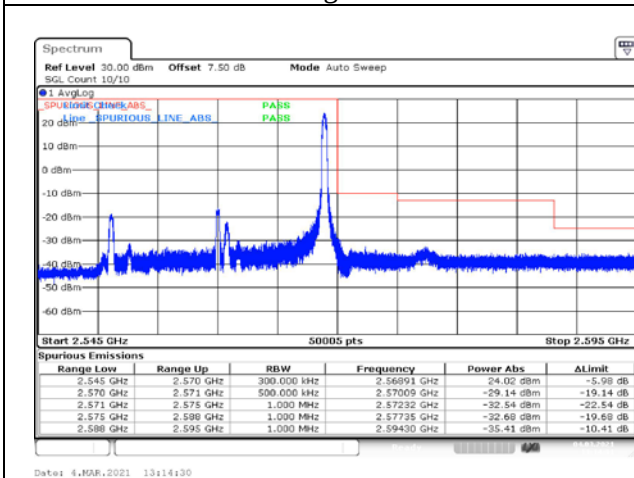


Fig.15

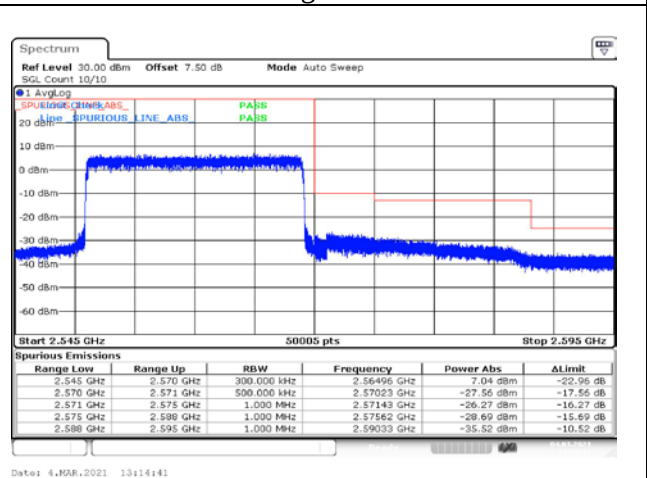


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.003	0.016	-0.002	0.004
0	NV	---	---	0.005	0.005	-0.007	0.004
+10	NV	---	---	-0.001	0.002	-0.007	0.004
+20	NV	---	---	0.008	0.001	0.007	0.006
+30	NV	---	---	0.009	0.011	0.015	-0.003
+40	NV	---	---	-0.001	0.010	0.013	0.014
+50	NV	---	---	-0.004	0.007	0.014	-0.002
+20	LV	---	---	0.012	0.005	---	-0.003
+20	HV	---	---	-0.013	0.002	-0.008	0.001

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	-0.014	-0.008	-0.012	-0.010
0	NV	---	---	-0.005	-0.005	-0.009	-0.016
+10	NV	---	---	-0.019	-0.014	-0.019	-0.009
+20	NV	---	---	0.001	-0.008	-0.006	-0.001
+30	NV	---	---	-0.017	-0.009	-0.016	-0.011
+40	NV	---	---	-0.001	-0.012	-0.017	-0.008
+50	NV	---	---	-0.008	-0.002	-0.010	-0.004
+20	LV	---	---	-0.014	-0.009	-0.014	0.001
+20	HV	---	---	-0.019	0.005	-0.012	0.005

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	2502.5	20775	5	1	0	23.29	23.49	0.223
				1	12	23.26	23.46	0.222
				1	24	23.37	23.57	0.228
				12	0	22.38	22.58	0.181
				12	7	22.43	22.63	0.183
				12	13	22.49	22.69	0.186
				25	0	22.41	22.61	0.182
	2535	21100		1	0	23.39	23.59	0.229
				1	12	23.29	23.49	0.223
				1	24	23.28	23.48	0.223
				12	0	22.40	22.60	0.182
				12	7	22.31	22.51	0.178
				12	13	22.32	22.52	0.179
				25	0	22.36	22.56	0.180
	2567.5	21425		1	0	23.45	23.65	0.232
				1	12	23.40	23.60	0.229
				1	24	23.37	23.57	0.228
				12	0	22.50	22.70	0.186
				12	7	22.47	22.67	0.185
				12	13	22.46	22.66	0.185
				25	0	22.37	22.57	0.181
16QAM	2502.5	20775	1	0	22.42	22.62	0.183	
			1	12	22.44	22.64	0.184	
			1	24	22.42	22.62	0.183	
			12	0	21.40	21.60	0.145	
			12	7	21.47	21.67	0.147	
			12	13	21.46	21.66	0.147	
			25	0	21.57	21.77	0.150	
	2535	21100	1	0	21.81	22.01	0.159	
			1	12	21.64	21.84	0.153	
			1	24	21.80	22.00	0.158	
			12	0	21.36	21.56	0.143	
			12	7	21.43	21.63	0.146	
			12	13	21.39	21.59	0.144	
			25	0	21.54	21.74	0.149	
	2567.5	21425	1	0	22.39	22.59	0.182	
			1	12	22.39	22.59	0.182	
			1	24	22.43	22.63	0.183	
			12	0	21.39	21.59	0.144	
			12	7	21.27	21.47	0.140	
			12	13	21.28	21.48	0.141	

				25	0	21.38	21.58	0.144
--	--	--	--	----	---	-------	-------	-------

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	21.61	21.81	0.152
				1	12	21.65	21.85	0.153
				1	24	21.54	21.74	0.149
				12	0	21.54	21.74	0.149
				12	7	21.53	21.73	0.149
				12	13	21.52	21.72	0.149
				25	0	21.52	21.72	0.149
	2535	21100		1	0	21.53	21.73	0.149
				1	12	21.54	21.74	0.149
				1	24	21.53	21.73	0.149
				12	0	21.53	21.73	0.149
				12	7	21.54	21.74	0.149
				12	13	21.53	21.73	0.149
				25	0	21.53	21.73	0.149
	2567.5	21425		1	0	21.43	21.63	0.146
				1	12	21.48	21.68	0.147
				1	24	21.42	21.62	0.145
				12	0	21.37	21.57	0.144
				12	7	21.37	21.57	0.144
				12	13	21.37	21.57	0.144
				25	0	21.37	21.57	0.144

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2535	21100	10	1	0	23.25	23.45	0.221
				1	25	23.22	23.42	0.220
				1	49	23.32	23.52	0.225
				25	0	22.37	22.57	0.181
				25	12	22.32	22.52	0.179
				25	25	22.31	22.51	0.178
	50	0		22.28	22.48	0.177		
	2565	21400		1	0	23.37	23.57	0.228
				1	25	23.53	23.73	0.236
				1	49	23.26	23.46	0.222
				25	0	22.45	22.65	0.184
				25	12	22.38	22.58	0.181
				25	25	22.30	22.50	0.178
				50	0	22.41	22.61	0.182
1				0	22.21	22.41	0.174	
16QAM	2505	20800		1	25	22.12	22.32	0.171
				1	49	22.09	22.29	0.169
				25	0	21.73	21.93	0.156
				25	12	21.64	21.84	0.153
				25	25	21.66	21.86	0.153
				50	0	21.55	21.75	0.150
				1	0	22.81	23.01	0.200
	2535	21100		1	25	22.70	22.90	0.195
				1	49	22.69	22.89	0.195
				25	0	21.38	21.58	0.144
				25	12	21.47	21.67	0.147
				25	25	21.47	21.67	0.147
				50	0	21.38	21.58	0.144
				1	0	23.23	23.43	0.220
	2565	21400		1	25	23.24	23.44	0.221
				1	49	23.14	23.34	0.216
				25	0	21.56	21.76	0.150
				25	12	21.54	21.74	0.149
				25	25	21.55	21.75	0.150
				50	0	21.57	21.77	0.150

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2505	20800	10	1	0	21.55	21.75	0.150
				1	25	21.55	21.75	0.150
				1	49	21.55	21.75	0.150
				25	0	21.54	21.74	0.149
				25	12	21.53	21.73	0.149
				25	25	21.57	21.77	0.150
				50	0	21.52	21.72	0.149
	2535	21100		1	0	21.38	21.58	0.144
				1	25	21.50	21.70	0.148
				1	49	21.50	21.70	0.148
				25	0	21.50	21.70	0.148
				25	12	21.51	21.71	0.148
				25	25	21.50	21.70	0.148
				50	0	21.51	21.71	0.148
	2565	21400		1	0	21.58	21.78	0.151
				1	25	21.57	21.77	0.150
				1	49	21.62	21.82	0.152
				25	0	21.58	21.78	0.151
				25	12	21.58	21.78	0.151
				25	25	21.58	21.78	0.151
				50	0	21.58	21.78	0.151

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	20825	15	1	0	23.30	23.50	0.224
				1	37	23.21	23.41	0.219
				1	74	23.20	23.40	0.219
				36	0	22.38	22.58	0.181
				36	29	22.36	22.56	0.180
				36	30	22.35	22.55	0.180
				75	0	22.41	22.61	0.182
	2535	21100		1	0	23.26	23.46	0.222
				1	37	23.45	23.65	0.232
				1	74	23.43	23.63	0.231
				36	0	22.33	22.53	0.179
				36	29	22.42	22.62	0.183
				36	30	22.42	22.62	0.183
				75	0	22.20	22.40	0.174
	2562.5	21375		1	0	23.43	23.63	0.231
				1	37	23.46	23.66	0.232
				1	74	23.47	23.67	0.233
				36	0	22.49	22.69	0.186
				36	29	22.40	22.60	0.182
				36	30	22.40	22.60	0.182
				75	0	22.33	22.53	0.179
16QAM	2507.5	20825	1	0	22.89	23.09	0.204	
			1	37	22.82	23.02	0.200	
			1	74	22.83	23.03	0.201	
			36	0	21.66	21.86	0.153	
			36	29	21.62	21.82	0.152	
			36	30	21.63	21.83	0.152	
			75	0	21.55	21.75	0.150	
	2535	21100	1	0	22.75	22.95	0.197	
			1	37	23.27	23.47	0.222	
			1	74	23.26	23.46	0.222	
			36	0	21.44	21.64	0.146	
			36	29	21.49	21.69	0.148	
			36	30	21.49	21.69	0.148	
			75	0	21.44	21.64	0.146	
	2562.5	21375	1	0	22.91	23.11	0.205	
			1	37	22.87	23.07	0.203	
			1	74	22.86	23.06	0.202	
			36	0	21.56	21.76	0.150	
			36	29	21.48	21.68	0.147	
			36	30	21.48	21.68	0.147	
			75	0	21.57	21.77	0.150	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2507.5	20825	15	1	0	21.55	21.75	0.150
				1	37	21.55	21.75	0.150
				1	74	21.55	21.75	0.150
				36	0	21.55	21.75	0.150
				36	29	21.55	21.75	0.150
				36	30	21.55	21.75	0.150
				75	0	21.54	21.74	0.149
	2535	21100		1	0	21.44	21.64	0.146
				1	37	21.44	21.64	0.146
				1	74	21.44	21.64	0.146
				36	0	21.49	21.69	0.148
				36	29	21.49	21.69	0.148
				36	30	21.49	21.69	0.148
				75	0	21.49	21.69	0.148
	2562.5	21375		1	0	21.58	21.78	0.151
				1	37	21.58	21.78	0.151
				1	74	21.57	21.77	0.150
				36	0	21.57	21.77	0.150
				36	29	21.57	21.77	0.150
				36	30	21.57	21.77	0.150
				75	0	21.57	21.77	0.150

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2535	21100	20	1	0	23.56	23.76	0.238
				1	49	23.57	23.77	0.238
				1	99	23.68	23.88	0.244
				50	0	22.36	22.56	0.180
				50	24	22.37	22.57	0.181
				50	50	22.37	22.57	0.181
				100	0	22.35	22.55	0.180
	2560	21350		1	0	23.79	23.99	0.251
				1	49	23.75	23.95	0.248
				1	99	23.76	23.96	0.249
				50	0	22.42	22.62	0.183
				50	24	22.52	22.72	0.187
				50	50	22.52	22.72	0.187
				100	0	22.46	22.66	0.185
16QAM	2510	20850		1	0	23.09	23.29	0.213
				1	49	22.98	23.18	0.208
				1	99	23.09	23.29	0.213
				50	0	21.57	21.77	0.150
				50	24	21.50	21.70	0.148
				50	50	21.35	21.55	0.143
				100	0	21.53	21.73	0.149
	2535	21100		1	0	22.17	22.37	0.173
				1	49	22.32	22.52	0.179
				1	99	22.32	22.52	0.179
				50	0	21.48	21.68	0.147
				50	24	21.50	21.70	0.148
				50	50	21.62	21.82	0.152
				100	0	21.45	21.65	0.146
	2560	21350		1	0	22.83	23.03	0.201
				1	49	22.65	22.85	0.193
				1	99	22.65	22.85	0.193
				50	0	21.52	21.72	0.149
				50	24	21.48	21.68	0.147
				50	50	21.49	21.69	0.148
				100	0	21.58	21.78	0.151

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2510	20850	20	1	0	21.52	21.72	0.149
				1	49	21.52	21.72	0.149
				1	99	21.51	21.71	0.148
				50	0	21.50	21.70	0.148
				50	24	21.50	21.70	0.148
				50	50	21.50	21.70	0.148
				100	0	21.50	21.70	0.148
	2535	21100		1	0	21.45	21.65	0.146
				1	49	21.47	21.67	0.147
				1	99	21.47	21.67	0.147
				50	0	21.47	21.67	0.147
				50	24	21.47	21.67	0.147
				50	50	21.47	21.67	0.147
				100	0	21.47	21.67	0.147
	2560	21350		1	0	21.58	21.78	0.151
				1	49	21.58	21.78	0.151
				1	99	21.59	21.79	0.151
				50	0	21.59	21.79	0.151
				50	24	21.58	21.78	0.151
				50	50	21.58	21.78	0.151
				100	0	21.58	21.78	0.151