

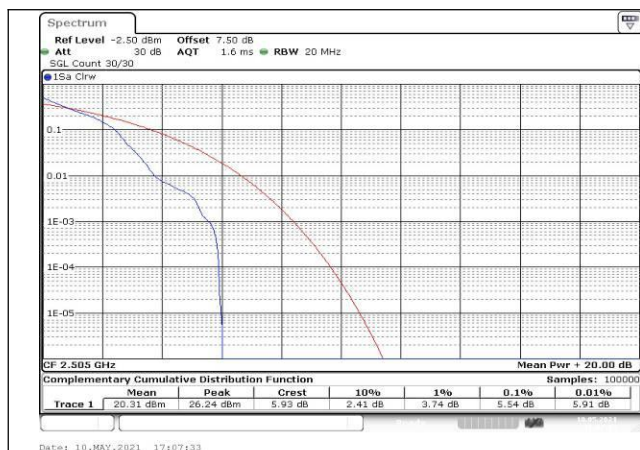


Fig.19

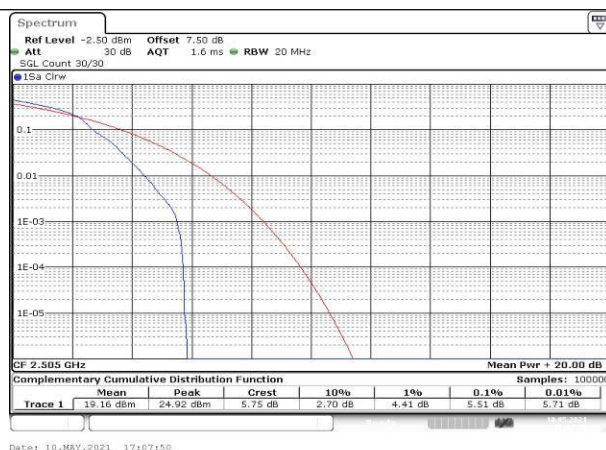


Fig.20

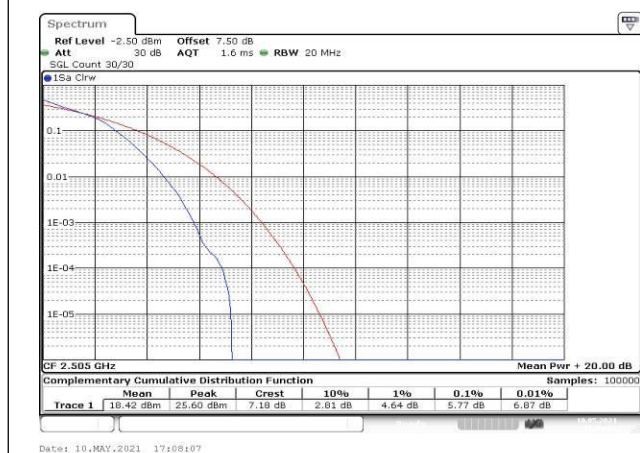


Fig.21

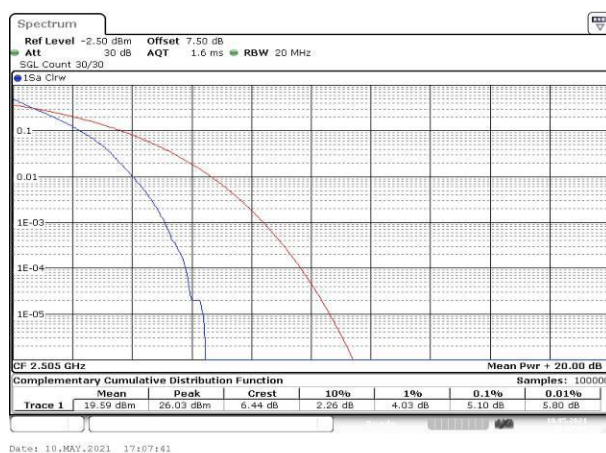


Fig.22

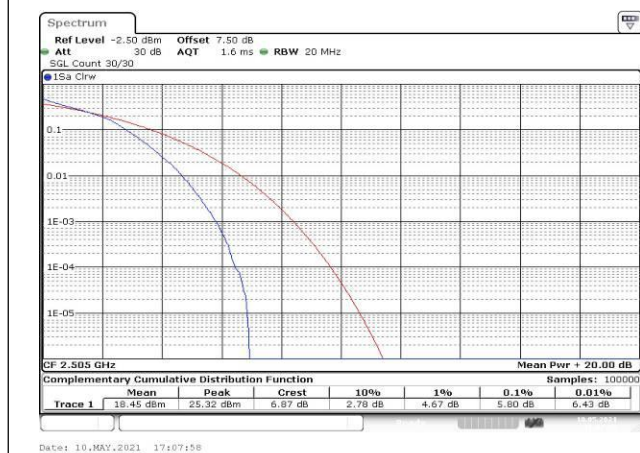


Fig.23

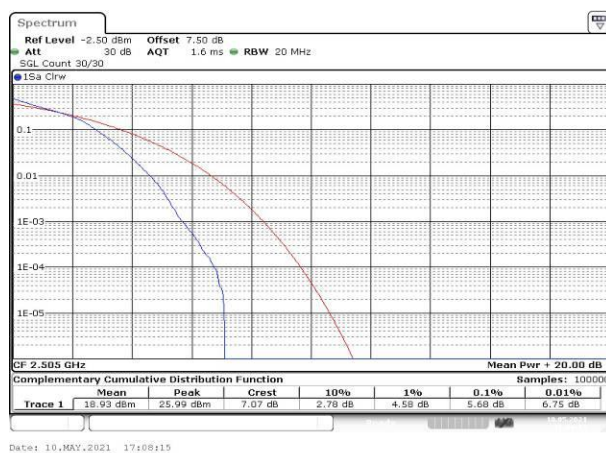


Fig.24

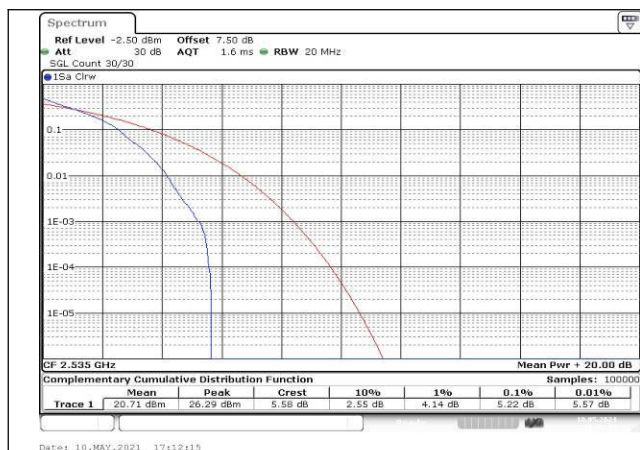


Fig.25

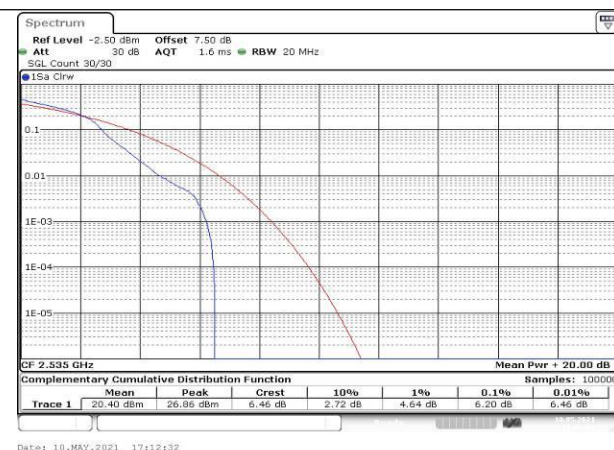


Fig.26

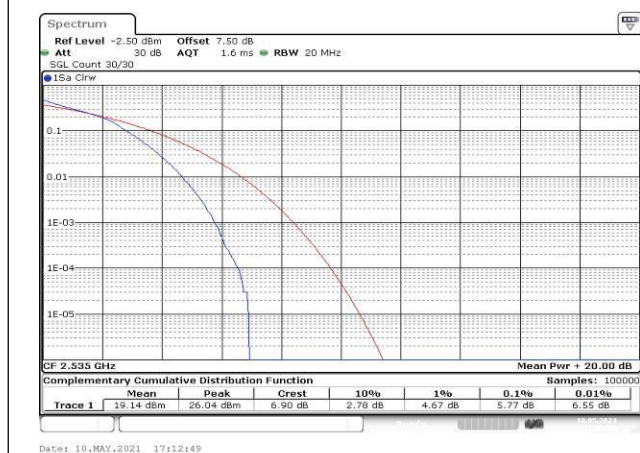


Fig.27

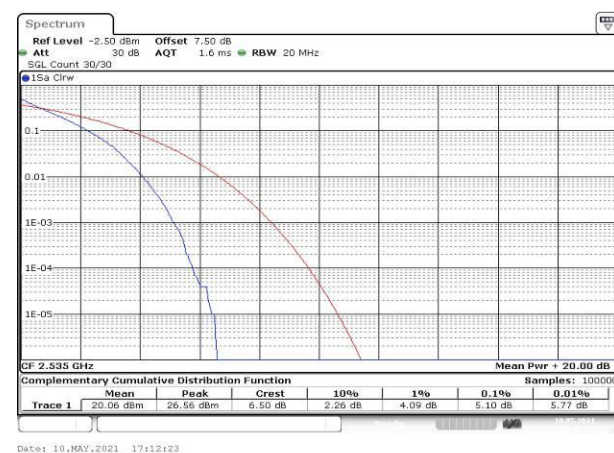


Fig.28

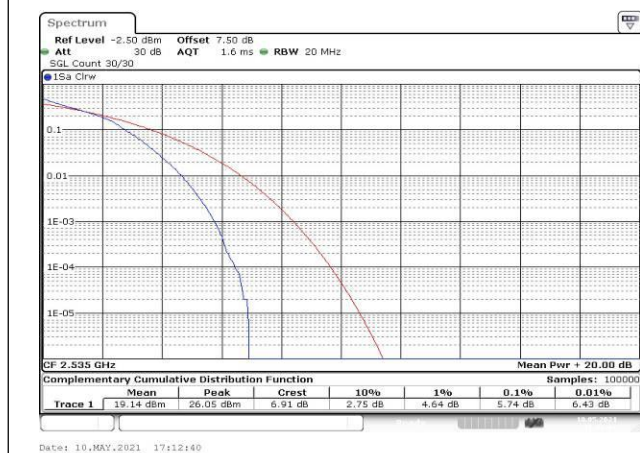


Fig.29

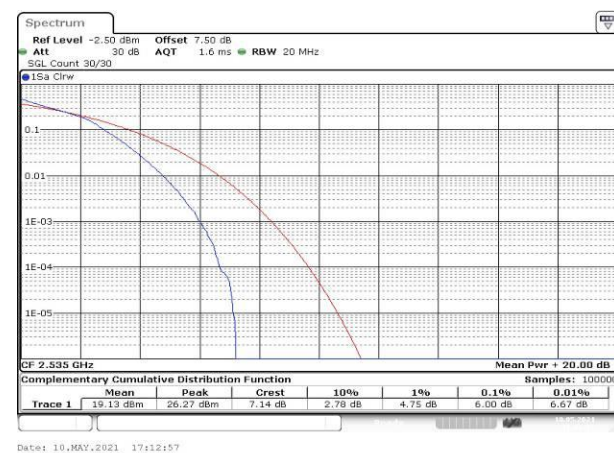


Fig.30

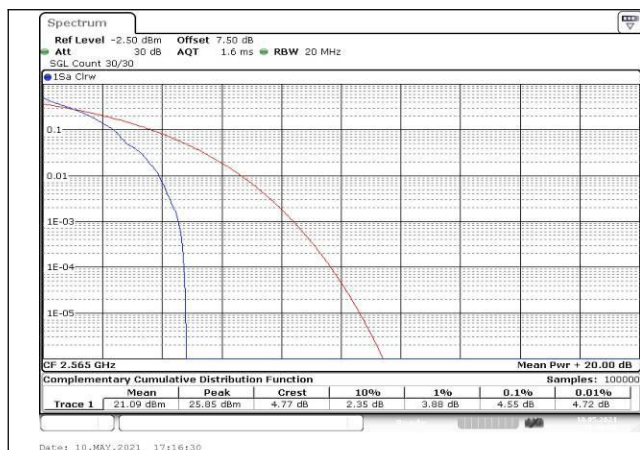


Fig.31

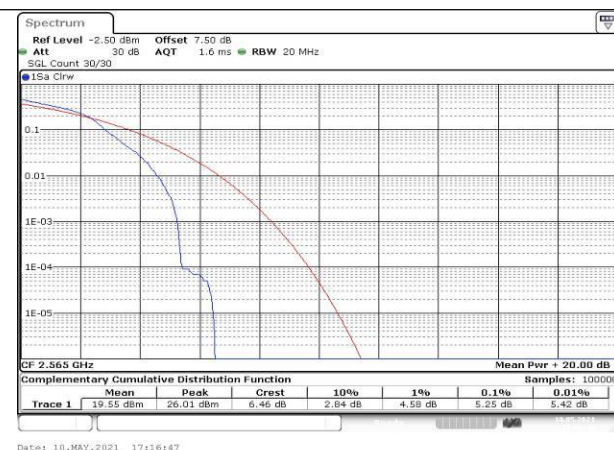


Fig.32

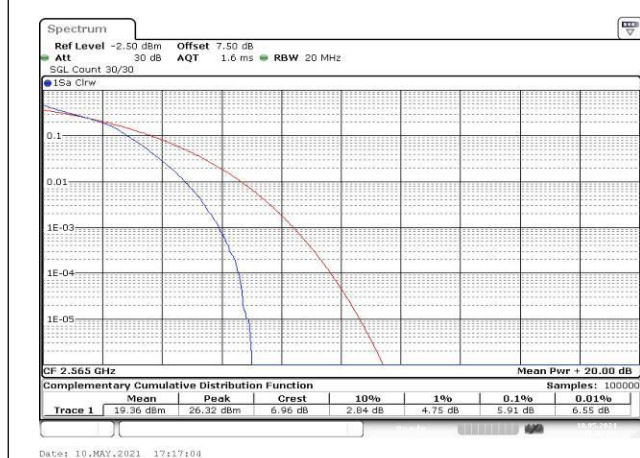


Fig.33

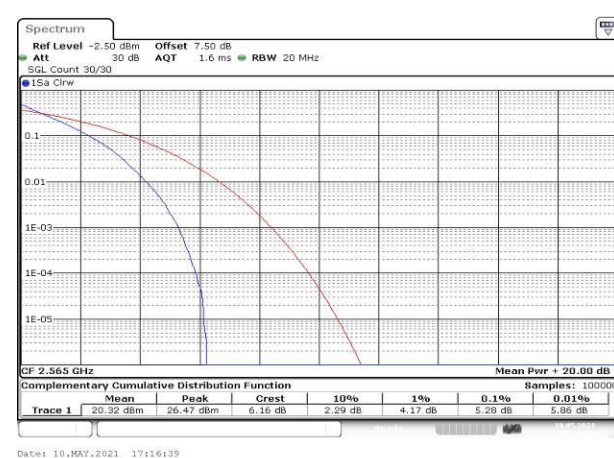


Fig.34

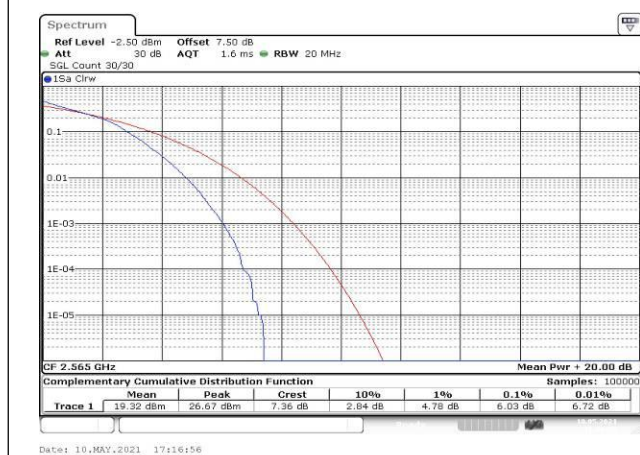


Fig.35

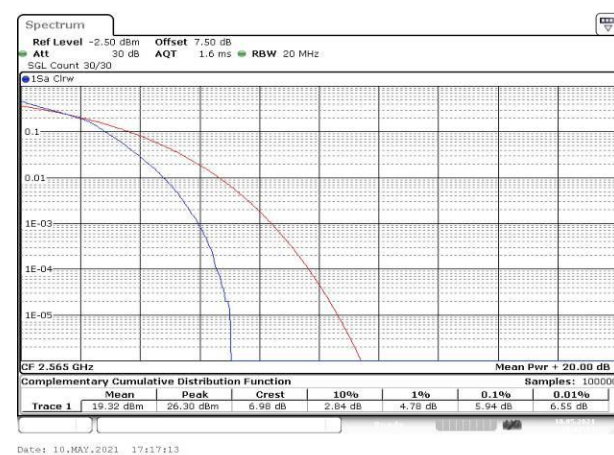


Fig.36

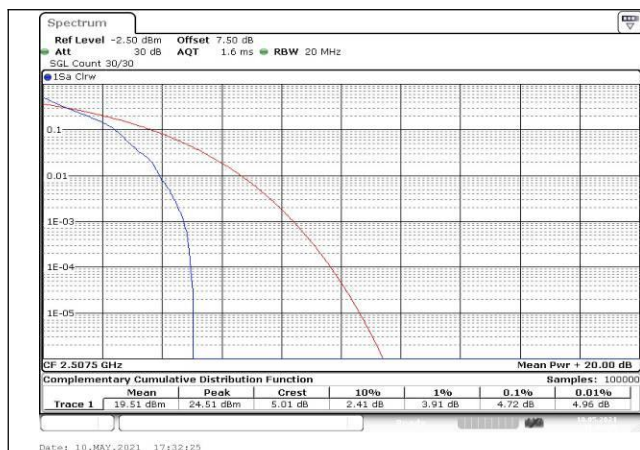


Fig.37

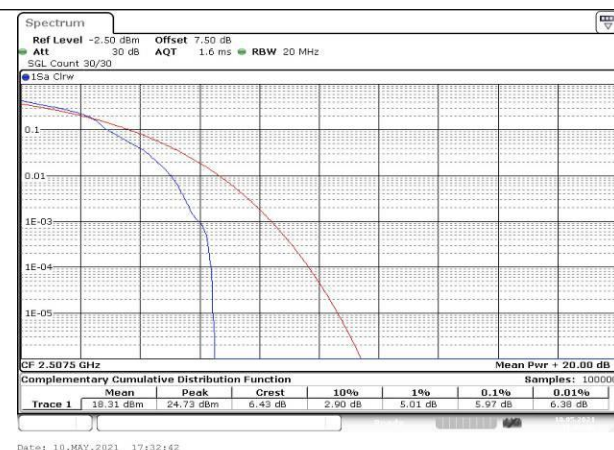


Fig.38

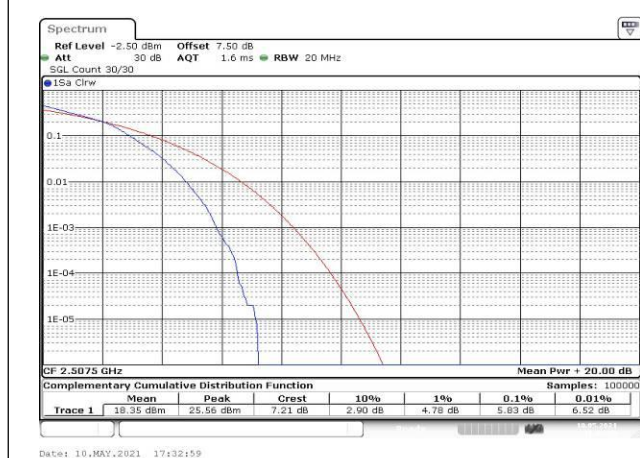


Fig.39

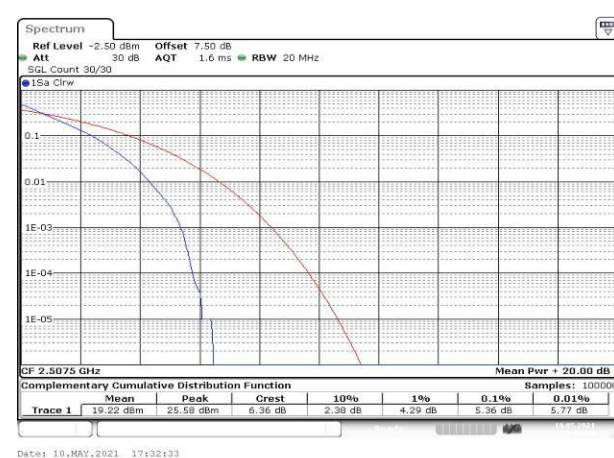


Fig.40

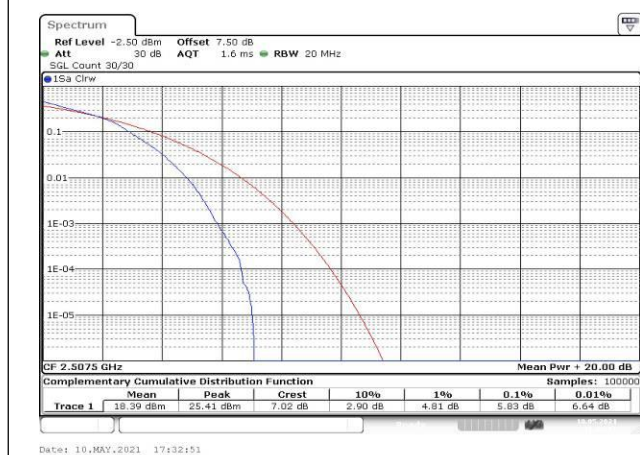


Fig.41

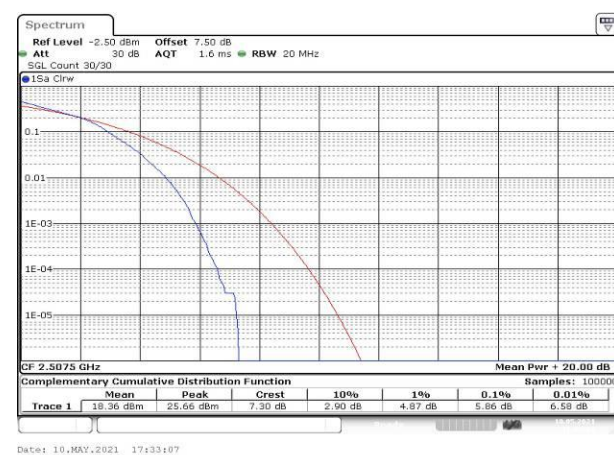


Fig.42

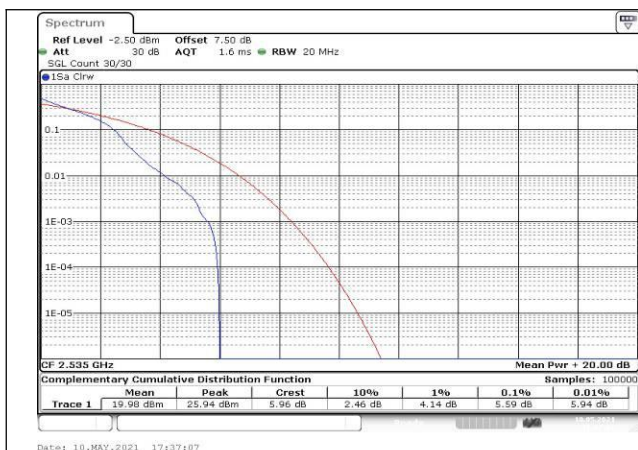


Fig.43

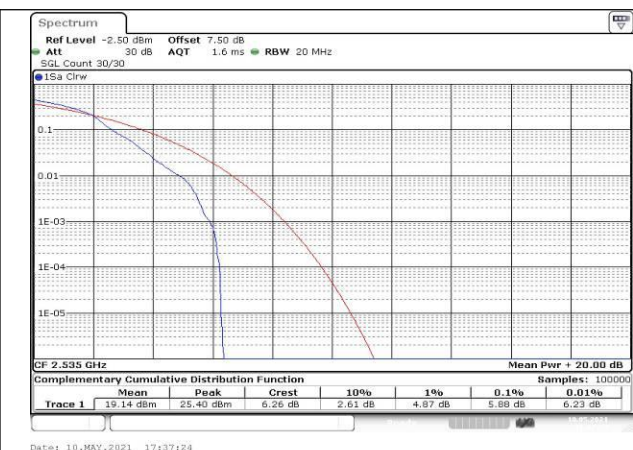


Fig.44

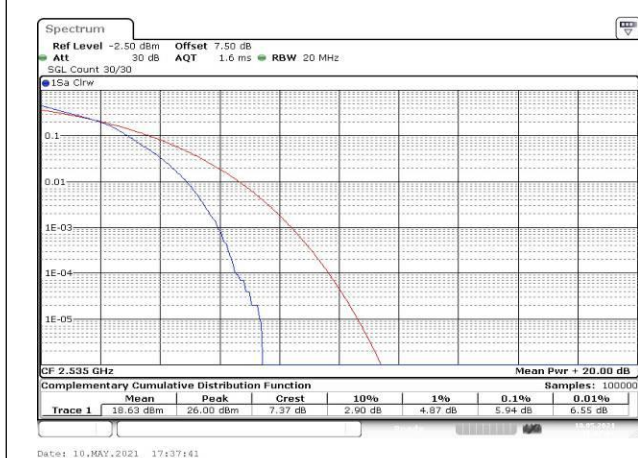


Fig.45

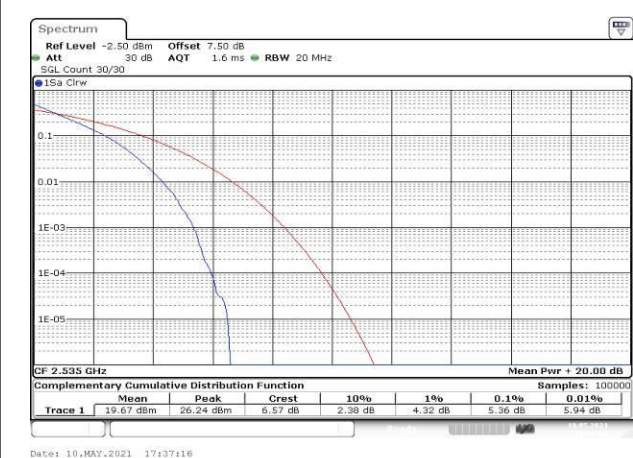


Fig.46

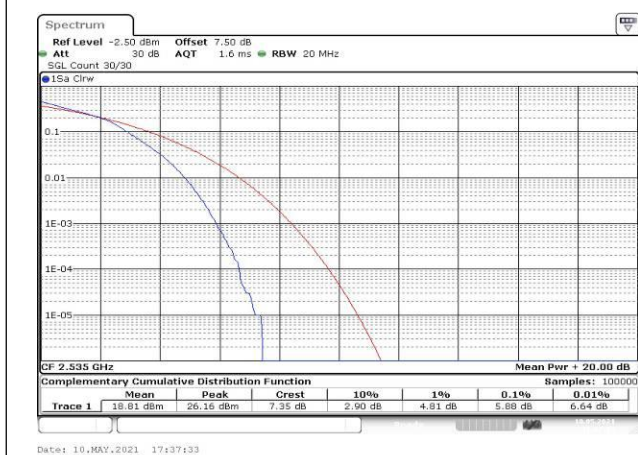


Fig.47

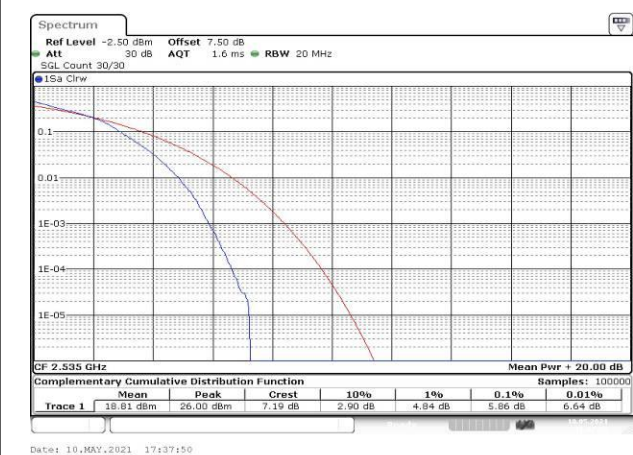


Fig.48

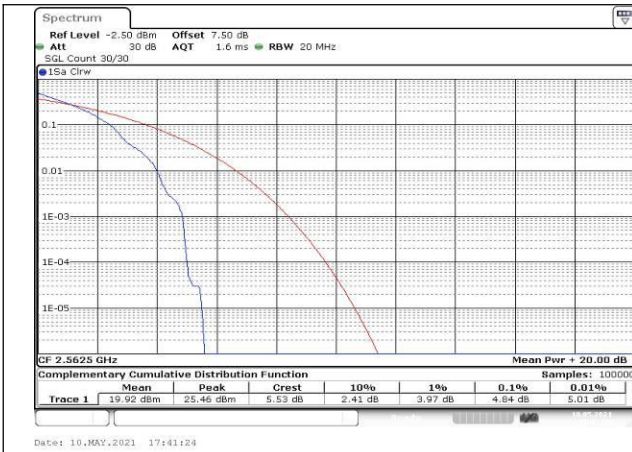


Fig.49

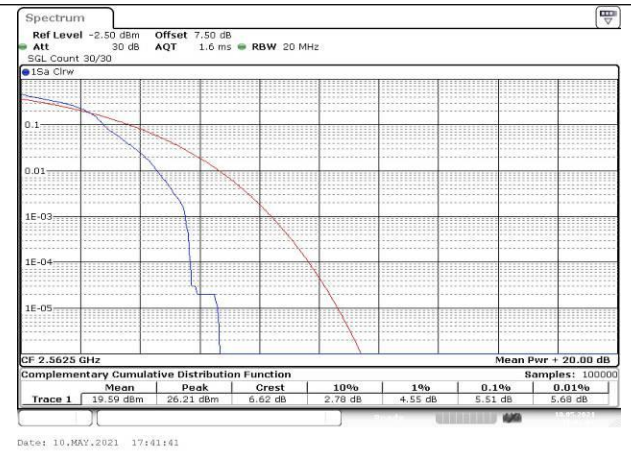


Fig.50

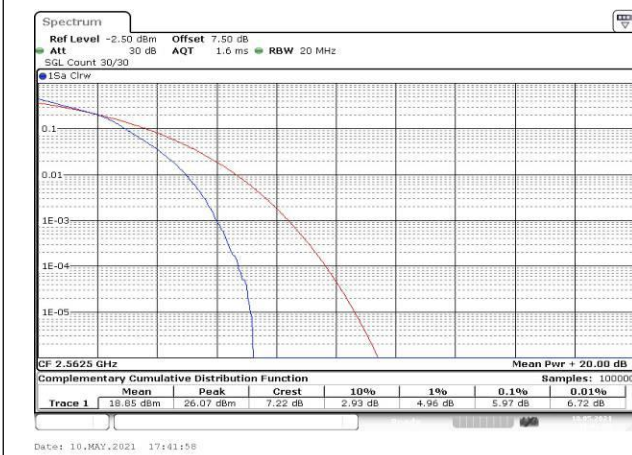


Fig.51

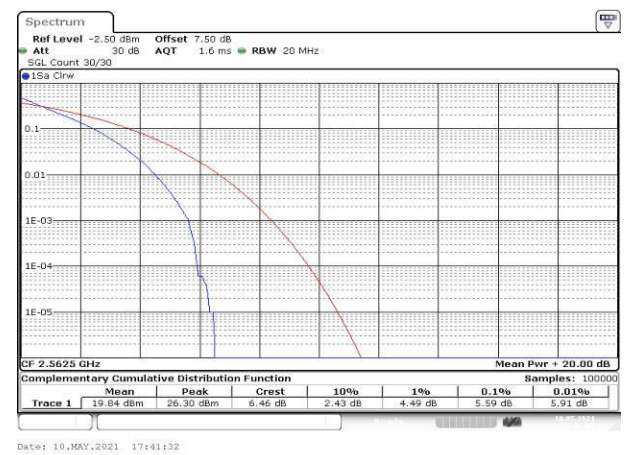


Fig.52

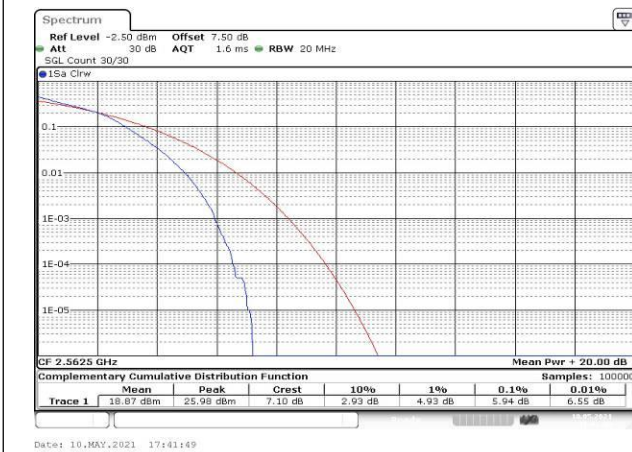


Fig.53

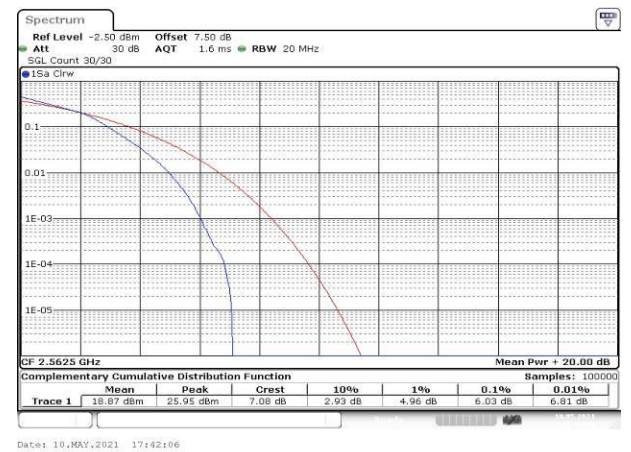


Fig.54

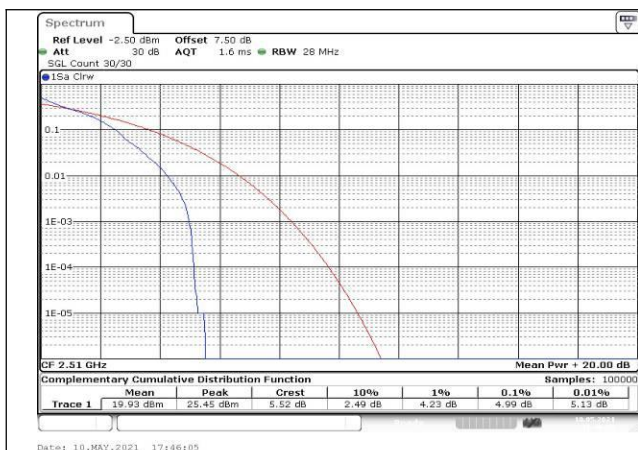


Fig.55

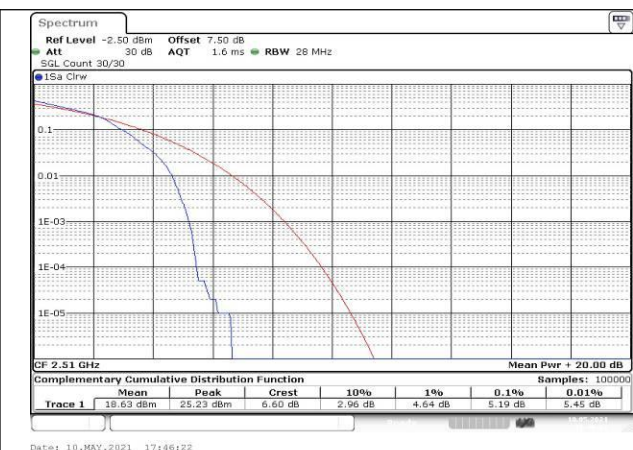


Fig.56

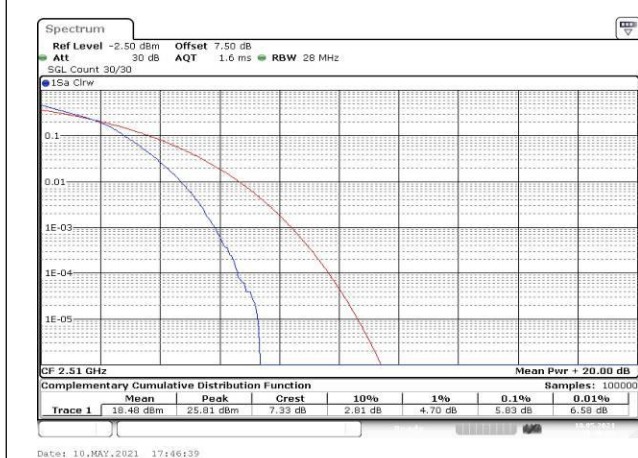


Fig.57

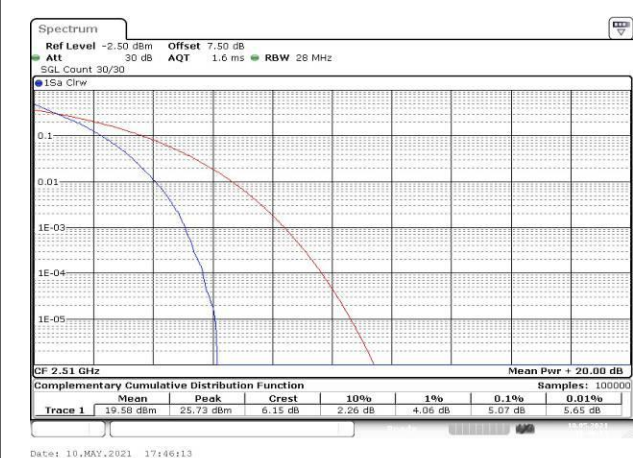


Fig.58

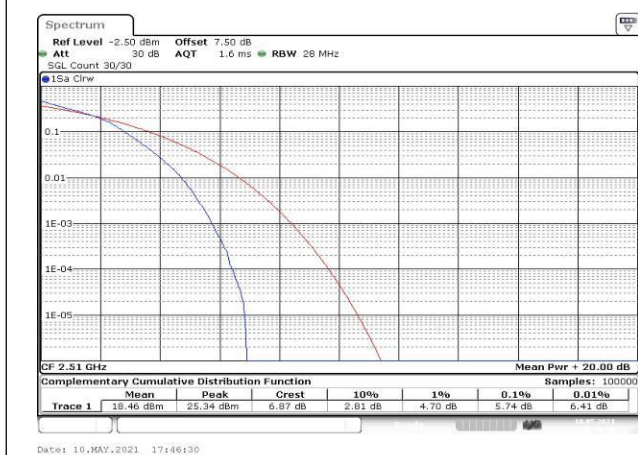


Fig.59

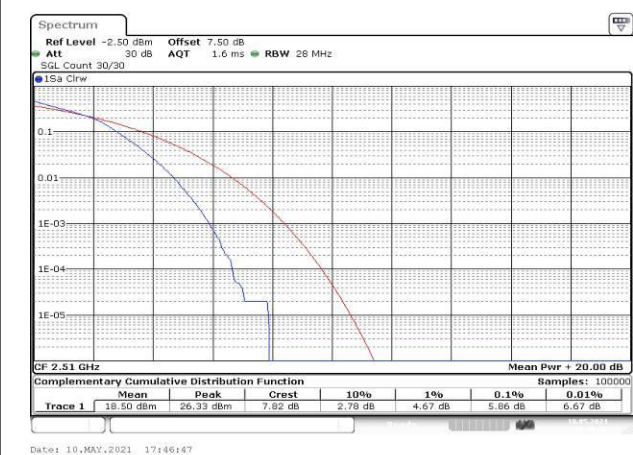


Fig.60

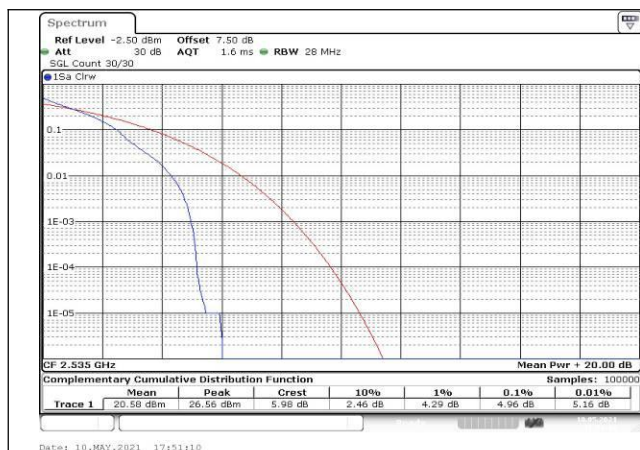


Fig.61

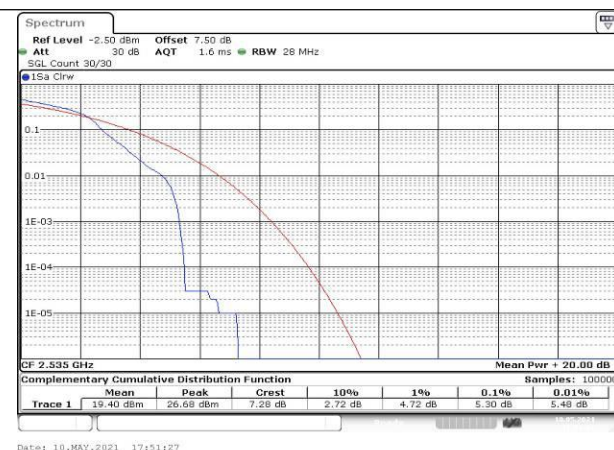


Fig.62

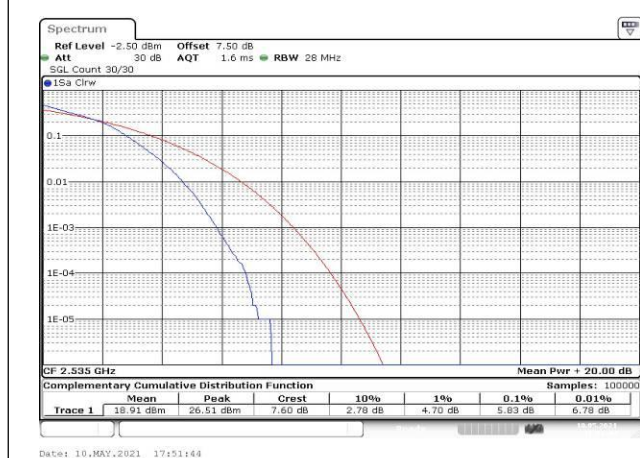


Fig.63

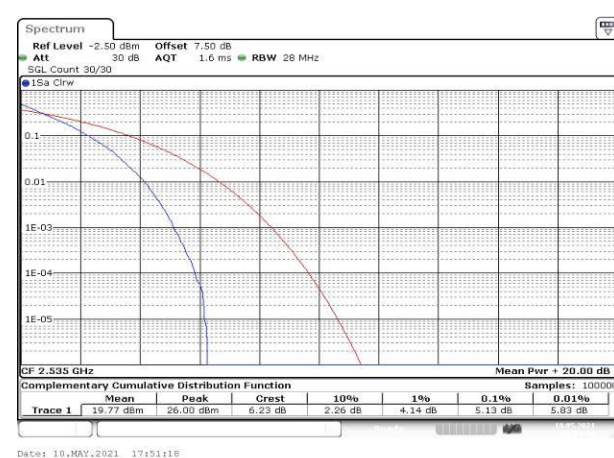


Fig.64

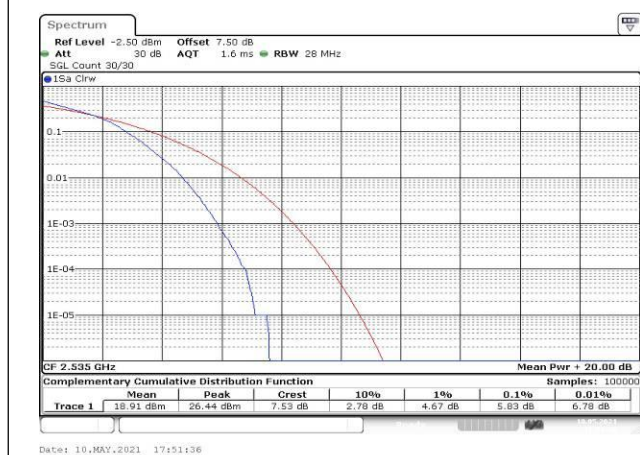


Fig.65

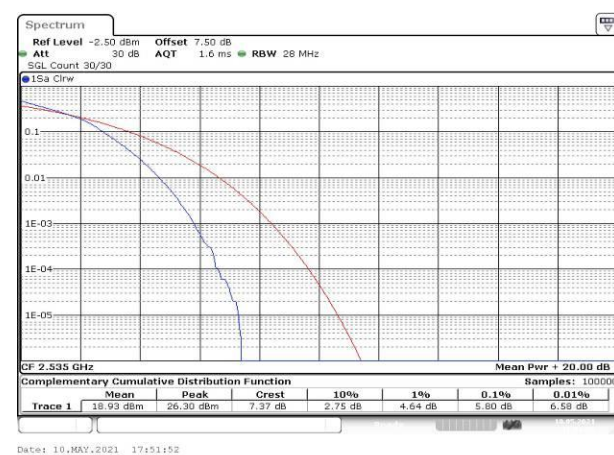


Fig.66

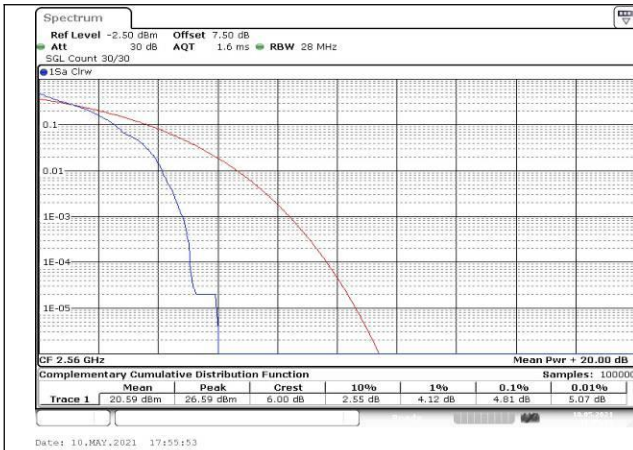


Fig.67

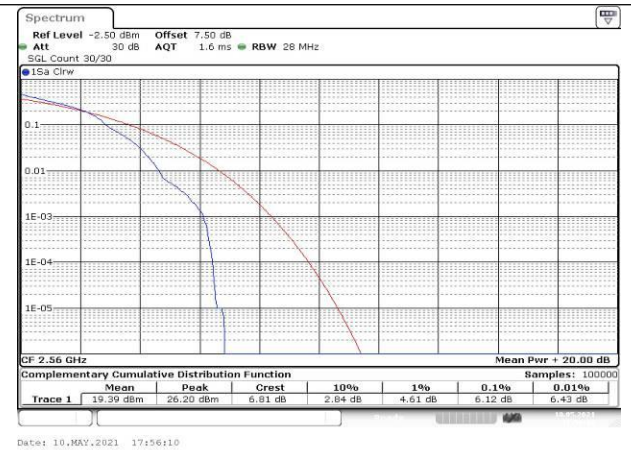


Fig.68

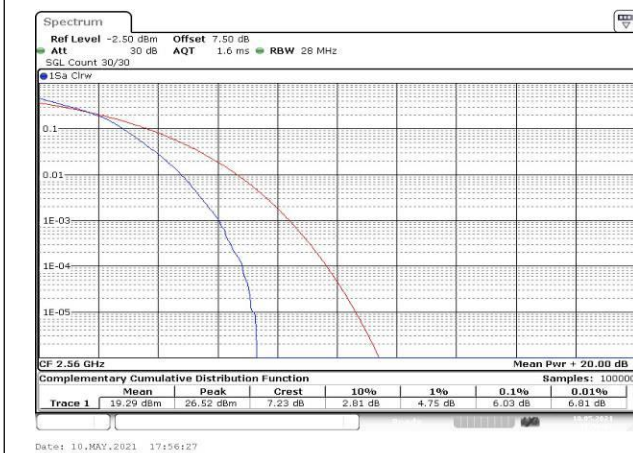


Fig.69

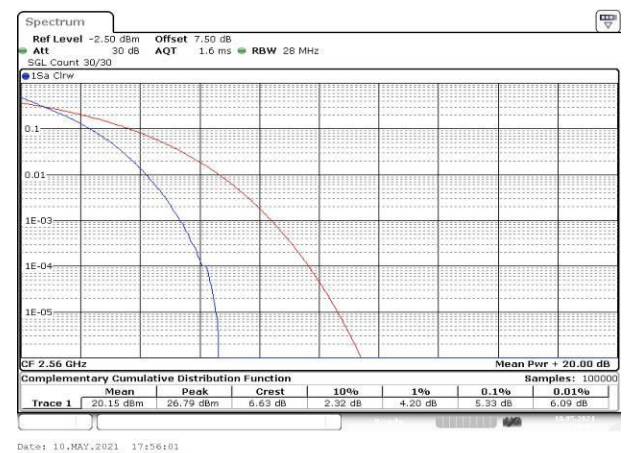


Fig.70

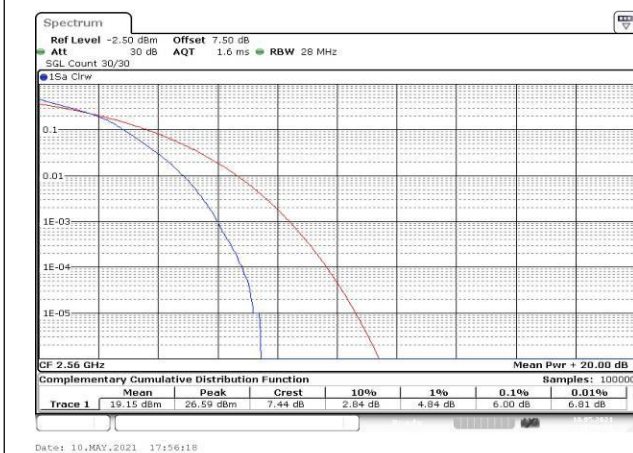


Fig.71

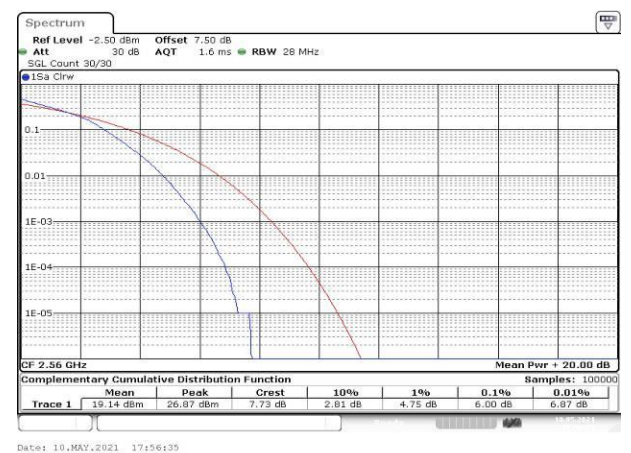


Fig.72

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

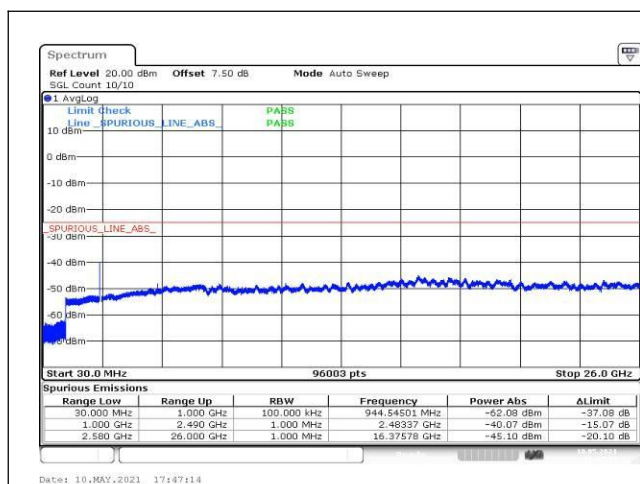


Fig.1

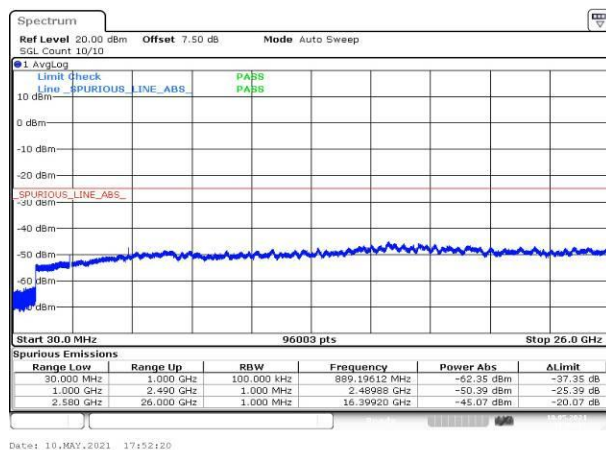


Fig.2

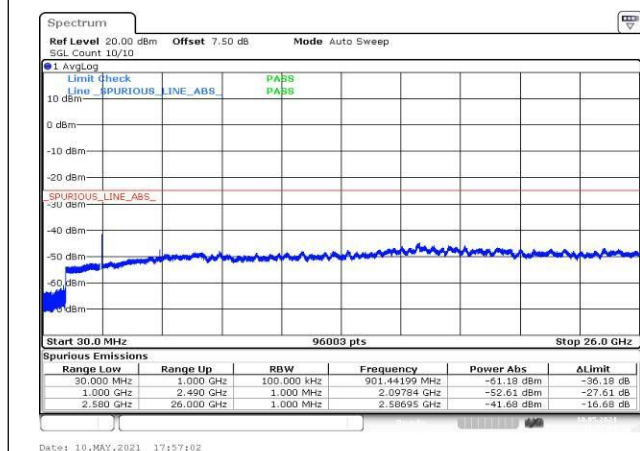


Fig.3

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
		21425		1	24	Fig.3
				25	0	Fig.4
	2505	20800	10	1	0	Fig.5
				50	0	Fig.6
		21400		1	49	Fig.7
				50	0	Fig.8
	2507.5	20825	15	1	0	Fig.9
				75	0	Fig.10
		21375		1	74	Fig.11
				75	0	Fig.12
	2510	20850	20	1	0	Fig.13
				100	0	Fig.14
		21350		1	99	Fig.15
				100	0	Fig.16

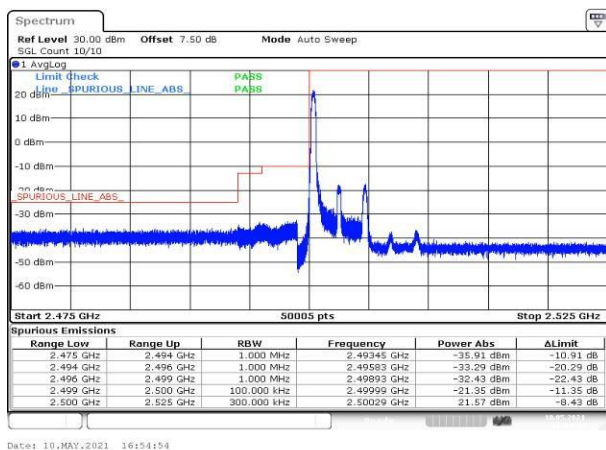


Fig.1

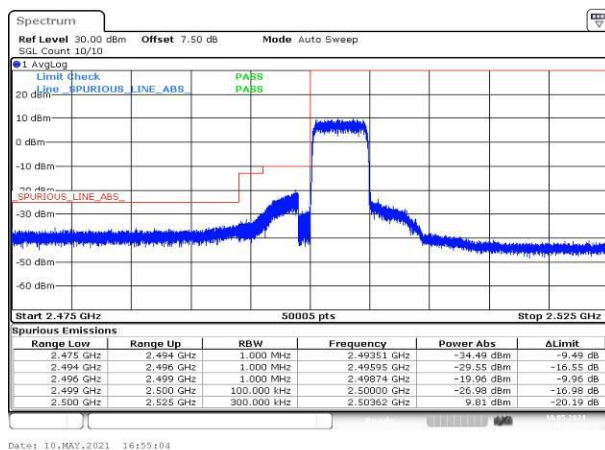


Fig.2

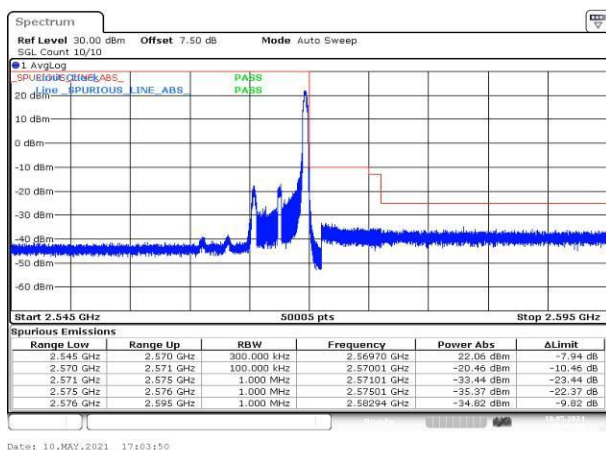


Fig.3

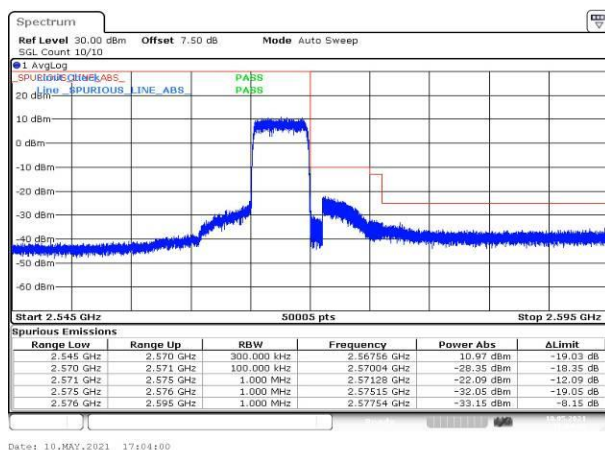


Fig.4

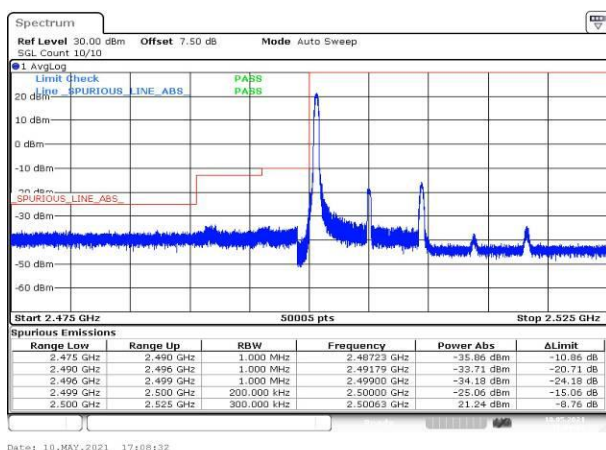


Fig.5

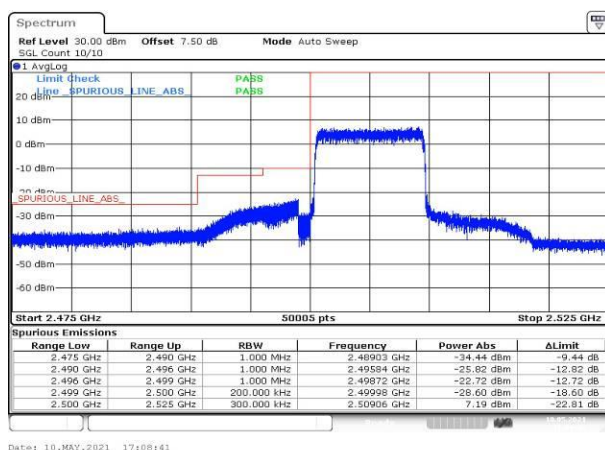


Fig.6

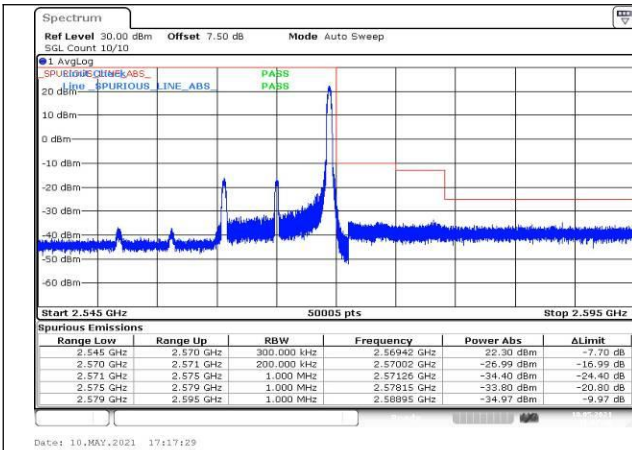


Fig.7

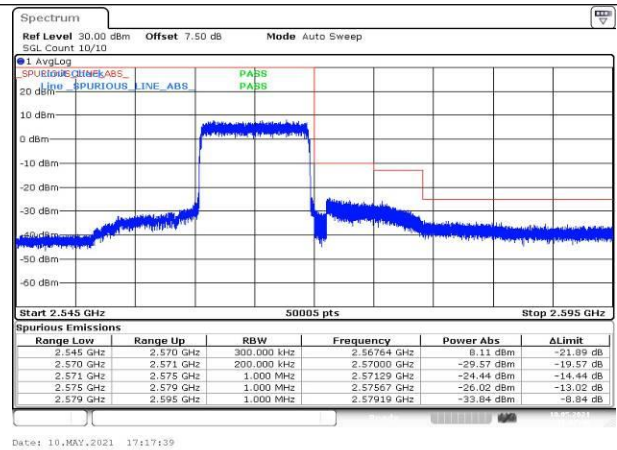


Fig.8

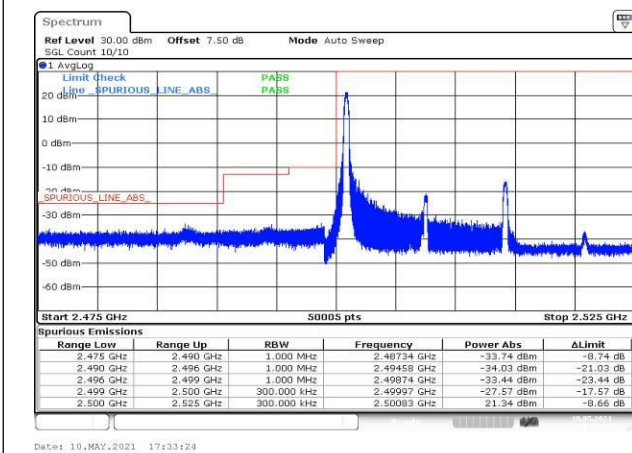


Fig.9

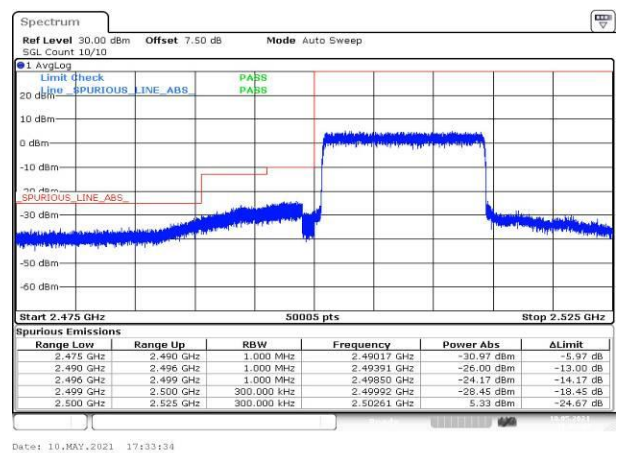


Fig.10

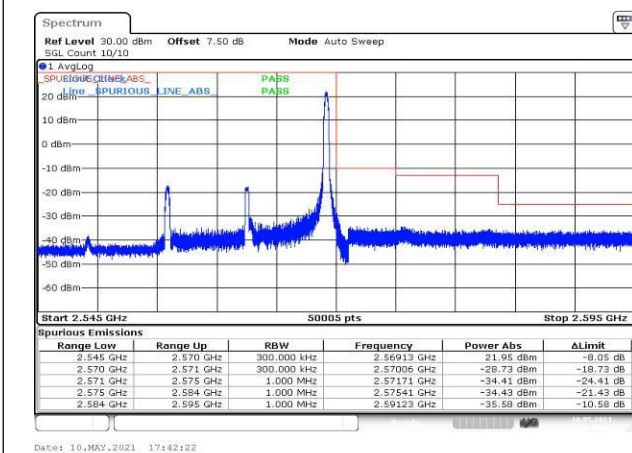


Fig.11

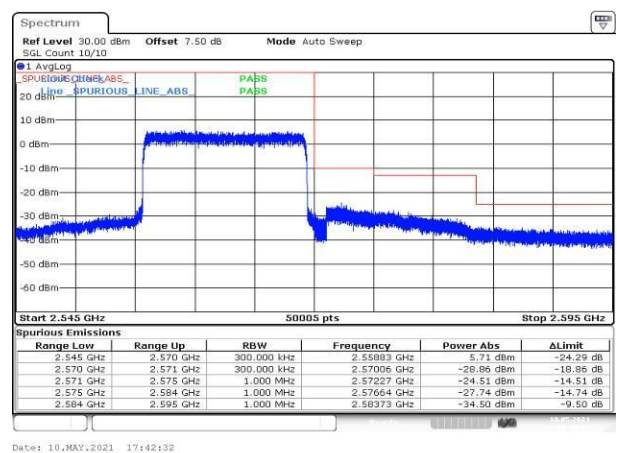


Fig.12

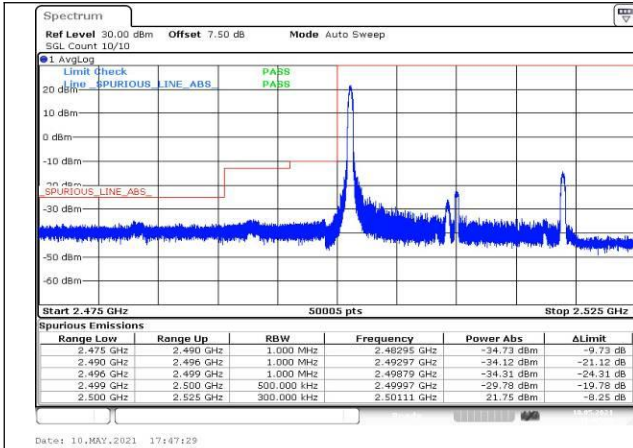


Fig.13

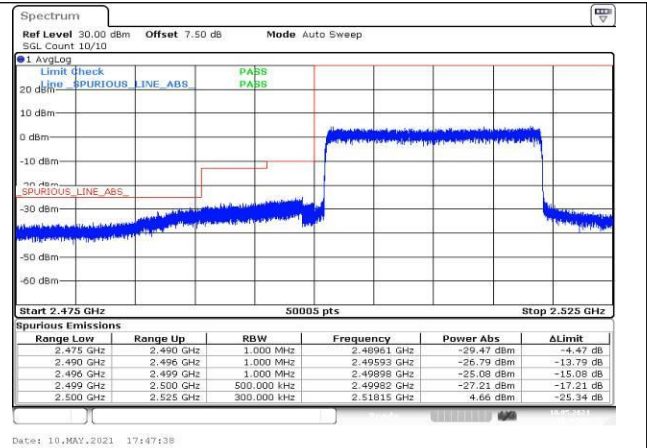


Fig.14

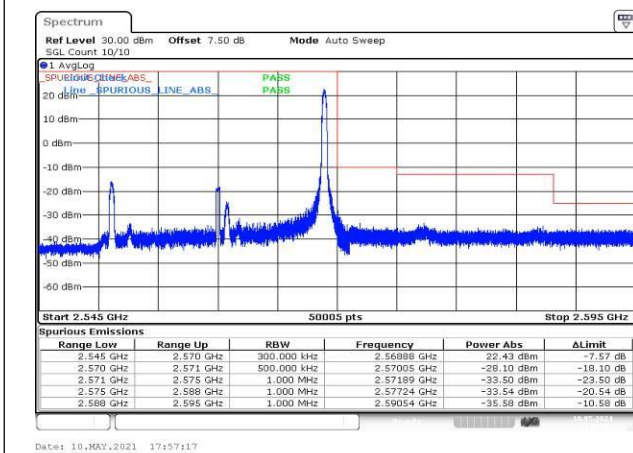


Fig.15

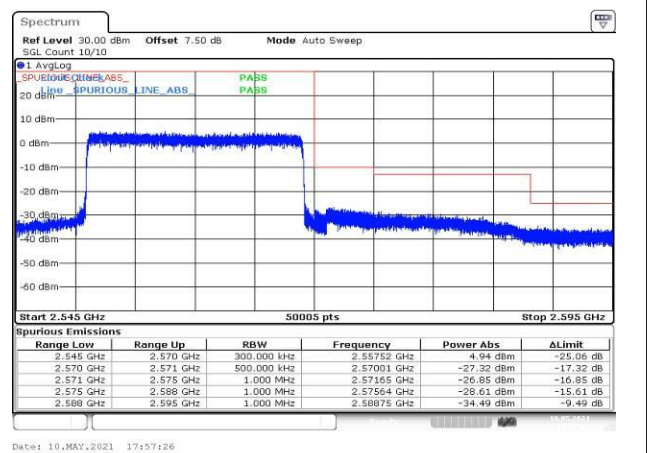


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.005	0.001	0.013	0.011
0	NV	---	---	0.006	-0.012	0.016	0.011
+10	NV	---	---	-0.004	0.008	0.006	0.017
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	-0.004	0.011	0.010	0.019
+40	NV	---	---	0.006	0.003	0.010	0.005
+50	NV	---	---	0.001	-0.022	0.002	0.007
+55	NV	---	---	0.002	-0.015	0.009	0.003
+20	LV	---	---	0.014	0.007	0.011	-0.006
+20	HV	---	---	-0.003	-0.018	0.009	0.015

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.003	0.002	0.001	0.020
0	NV	---	---	0.010	0.003	0.001	0.018
+10	NV	---	---	0.011	0.015	0.007	0.006
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	0.013	0.011	0.009	0.008
+40	NV	---	---	0.018	0.014	0.005	0.019
+50	NV	---	---	0.009	-0.005	-0.003	0.002
+55	NV	---	---	0.005	-0.011	0.005	0.009
+20	LV	---	---	0.007	0.020	0.013	-0.011
+20	HV	---	---	-0.005	0.006	0.016	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	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2502.5	20775	5	1	0	20.95	19.95	0.099
				1	12	20.34	19.34	0.086
				1	24	20.89	19.89	0.097
				12	0	20.03	19.03	0.080
				12	7	20.08	19.08	0.081
				12	13	20.05	19.05	0.080
				25	0	20.04	19.04	0.080
	2535	21100		1	0	21.62	20.62	0.115
				1	12	21.76	20.76	0.119
				1	24	21.64	20.64	0.116
				12	0	20.77	19.77	0.095
				12	7	20.85	19.85	0.097
				12	13	20.71	19.71	0.094
				25	0	20.64	19.64	0.092
	2567.5	21425		1	0	21.74	20.74	0.119
				1	12	21.78	20.78	0.120
				1	24	21.84	20.84	0.121
				12	0	20.97	19.97	0.099
				12	7	21.00	20.00	0.100
				12	13	21.00	20.00	0.100
				25	0	21.03	20.03	0.101
16QAM	2502.5	20775	1	0	19.52	18.52	0.071	
			1	12	19.53	18.53	0.071	
			1	24	19.49	18.49	0.071	
			12	0	19.16	18.16	0.065	
			12	7	19.06	18.06	0.064	
			12	13	19.06	18.06	0.064	
			25	0	19.18	18.18	0.066	
	2535	21100	1	0	20.41	19.41	0.087	
			1	12	20.68	19.68	0.093	
			1	24	20.71	19.71	0.094	
			12	0	19.76	18.76	0.075	
			12	7	19.73	18.73	0.075	
			12	13	19.72	18.72	0.074	
			25	0	19.66	18.66	0.073	
	2567.5	21425	1	0	20.91	19.91	0.098	
			1	12	20.94	19.94	0.099	
			1	24	20.89	19.89	0.097	
			12	0	19.97	18.97	0.079	
			12	7	19.73	18.73	0.075	
			12	13	19.87	18.87	0.077	
			25	0	20.02	19.02	0.080	

Modulation	Carrier frequern 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	19.11	18.11	0.065
				1	12	19.10	18.10	0.065
				1	24	19.20	18.20	0.066
				12	0	19.19	18.19	0.066
				12	7	19.18	18.18	0.066
				12	13	19.18	18.18	0.066
				25	0	19.18	18.18	0.066
	2535	21100		1	0	19.66	18.66	0.073
				1	12	19.66	18.66	0.073
				1	24	19.74	18.74	0.075
				12	0	19.66	18.66	0.073
				12	7	19.66	18.66	0.073
				12	13	19.66	18.66	0.073
				25	0	19.56	18.56	0.072
	2567.5	21425		1	0	20.02	19.02	0.080
				1	12	20.03	19.03	0.080
				1	24	19.93	18.93	0.078
				12	0	19.88	18.88	0.077
				12	7	19.88	18.88	0.077
				12	13	20.14	19.14	0.082
				25	0	19.87	18.87	0.077

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	20.93	19.93	0.098
				1	25	21.05	20.05	0.101
				1	49	21.04	20.04	0.101
				25	0	20.17	19.17	0.083
				25	12	20.10	19.10	0.081
				25	25	20.24	19.24	0.084
	50	0		20.11	19.11	0.081		
	2535	21100		1	0	21.65	20.65	0.116
				1	25	21.53	20.53	0.113
				1	49	21.71	20.71	0.118
				25	0	20.65	19.65	0.092
				25	12	20.68	19.68	0.093
				25	25	20.68	19.68	0.093
	50	0		20.68	19.68	0.093		
	2565	21400		1	0	21.95	20.95	0.124
				1	25	22.05	21.05	0.127
				1	49	22.03	21.03	0.127
				25	0	20.91	19.91	0.098
				25	12	21.07	20.07	0.102
				25	25	20.93	19.93	0.098
	50	0		20.96	19.96	0.099		
16QAM	2505	20800		1	0	20.37	19.37	0.086
				1	25	20.37	19.37	0.086
				1	49	20.30	19.30	0.085
				25	0	18.98	17.98	0.063
				25	12	19.25	18.25	0.067
				25	25	19.18	18.18	0.066
	50	0		19.20	18.20	0.066		
	2535	21100		1	0	21.25	20.25	0.106
				1	25	21.33	20.33	0.108
			1	49	21.47	20.47	0.111	
			25	0	19.65	18.65	0.073	
			25	12	19.79	18.79	0.076	
			25	25	19.79	18.79	0.076	
	50	0	19.67	18.67	0.074			
	2565	21400	1	0	20.63	19.63	0.092	
			1	25	20.72	19.72	0.094	
			1	49	20.73	19.73	0.094	
			25	0	20.08	19.08	0.081	
			25	12	20.26	19.26	0.084	
			25	25	20.16	19.16	0.082	
	50	0	20.01	19.01	0.080			

Modulation	Carrier frequern 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	19.20	18.20	0.066
				1	25	19.11	18.11	0.065
				1	49	19.11	18.11	0.065
				25	0	19.10	18.10	0.065
				25	12	19.35	18.35	0.068
				25	25	19.09	18.09	0.064
				50	0	18.99	17.99	0.063
	2535	21100		1	0	19.67	18.67	0.074
				1	25	19.68	18.68	0.074
				1	49	19.68	18.68	0.074
				25	0	19.68	18.68	0.074
				25	12	19.68	18.68	0.074
				25	25	19.67	18.67	0.074
				50	0	19.68	18.68	0.074
	2565	21400		1	0	20.05	19.05	0.080
				1	25	20.04	19.04	0.080
				1	49	20.04	19.04	0.080
				25	0	20.03	19.03	0.080
				25	12	20.04	19.04	0.080
				25	25	20.01	19.01	0.080
				50	0	20.04	19.04	0.080

Modulation	Carrier frequen 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	21.41	20.41	0.110	
				1	37	21.35	20.35	0.108	
				1	74	21.45	20.45	0.111	
				36	0	20.52	19.52	0.090	
				36	29	20.54	19.54	0.090	
				36	30	20.42	19.42	0.087	
	75	0		20.41	19.41	0.087			
	2535	21100		1	0	21.31	20.31	0.107	
				1	37	21.57	20.57	0.114	
				1	74	21.55	20.55	0.114	
				36	0	20.48	19.48	0.089	
				36	29	20.57	19.57	0.091	
				36	30	20.57	19.57	0.091	
	75	0		20.43	19.43	0.088			
	2562.5	21375		1	0	21.67	20.67	0.117	
				1	37	21.76	20.76	0.119	
				1	74	21.89	20.89	0.123	
				36	0	20.69	19.69	0.093	
				36	29	20.77	19.77	0.095	
				36	30	20.78	19.78	0.095	
	75	0		20.68	19.68	0.093			
	16QAM	2507.5		20825	1	0	20.98	19.98	0.100
					1	37	20.94	19.94	0.099
					1	74	20.89	19.89	0.097
36					0	19.84	18.84	0.077	
36					29	19.82	18.82	0.076	
36					30	19.92	18.92	0.078	
75		0		19.52	18.52	0.071			
2535		21100		1	0	20.50	19.50	0.089	
				1	37	20.78	19.78	0.095	
			1	74	20.70	19.70	0.093		
			36	0	19.77	18.77	0.075		
			36	29	19.63	18.63	0.073		
			36	30	19.67	18.67	0.074		
75		0	19.16	18.16	0.065				
2562.5		21375	1	0	21.11	20.11	0.103		
			1	37	21.16	20.16	0.104		
			1	74	21.16	20.16	0.104		
			36	0	19.72	18.72	0.074		
			36	29	19.83	18.83	0.076		
			36	30	19.83	18.83	0.076		
			75	0	19.80	18.80	0.076		

Modulation	Carrier frequern 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	21.00	20.00	0.100
				1	37	20.93	19.93	0.098
				1	74	21.01	20.01	0.100
				36	0	20.97	19.97	0.099
				36	29	20.94	19.94	0.099
				36	30	20.91	19.91	0.098
				75	0	20.89	19.89	0.097
	2535	21100		1	0	19.17	18.17	0.066
				1	37	19.16	18.16	0.065
				1	74	19.46	18.46	0.070
				36	0	19.18	18.18	0.066
				36	29	19.17	18.17	0.066
				36	30	19.61	18.61	0.073
				75	0	19.60	18.60	0.072
	2562.5	21375		1	0	19.82	18.82	0.076
				1	37	19.82	18.82	0.076
				1	74	19.82	18.82	0.076
				36	0	19.82	18.82	0.076
				36	29	19.82	18.82	0.076
				36	30	19.81	18.81	0.076
				75	0	19.81	18.81	0.076

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	2510	20850	20	1	0	21.23	20.23	0.105	
				1	49	21.22	20.22	0.105	
				1	99	21.26	20.26	0.106	
				50	0	20.13	19.13	0.082	
				50	24	20.23	19.23	0.084	
				50	50	20.22	19.22	0.084	
	100	0		20.10	19.10	0.081			
	2535	21100		1	0	21.77	20.77	0.119	
				1	49	21.92	20.92	0.124	
				1	99	21.91	20.91	0.123	
				50	0	20.60	19.60	0.091	
				50	24	20.80	19.80	0.095	
				50	50	20.80	19.80	0.095	
	100	0		20.55	19.55	0.090			
	2560	21350		1	0	22.03	21.03	0.127	
				1	49	22.11	21.11	0.129	
				1	99	22.11	21.11	0.129	
				50	0	20.93	19.93	0.098	
				50	24	21.01	20.01	0.100	
				50	50	21.01	20.01	0.100	
	100	0		20.95	19.95	0.099			
	16QAM	2510		20850	1	0	20.12	19.12	0.082
					1	49	20.16	19.16	0.082
					1	99	20.16	19.16	0.082
50					0	19.23	18.23	0.067	
50					24	19.30	18.30	0.068	
50					50	19.31	18.31	0.068	
100		0		19.23	18.23	0.067			
2535		21100		1	0	20.99	19.99	0.100	
				1	49	21.46	20.46	0.111	
			1	99	21.31	20.31	0.107		
			50	0	19.64	18.64	0.073		
			50	24	19.80	18.80	0.076		
			50	50	19.80	18.80	0.076		
100		0	19.61	18.61	0.073				
2560		21350	1	0	21.48	20.48	0.112		
			1	49	21.55	20.55	0.114		
			1	99	21.50	20.50	0.112		
			50	0	19.96	18.96	0.079		
			50	24	20.02	19.02	0.080		
			50	50	19.95	18.95	0.079		
100		0	19.99	18.99	0.079				

Modulation	Carrier frequen 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	19.14	18.14	0.065
				1	49	19.23	18.23	0.067
				1	99	19.23	18.23	0.067
				50	0	19.14	18.14	0.065
				50	24	19.15	18.15	0.065
				50	50	19.14	18.14	0.065
				100	0	19.14	18.14	0.065
	2535	21100		1	0	19.62	18.62	0.073
				1	49	19.62	18.62	0.073
				1	99	19.62	18.62	0.073
				50	0	19.62	18.62	0.073
				50	24	19.62	18.62	0.073
				50	50	19.62	18.62	0.073
				100	0	19.62	18.62	0.073
	2560	21350		1	0	19.99	18.99	0.079
				1	49	19.98	18.98	0.079
				1	99	19.97	18.97	0.079
				50	0	19.98	18.98	0.079
				50	24	19.98	18.98	0.079
				50	50	19.97	18.97	0.079
				100	0	19.97	18.97	0.079