

Fig.1

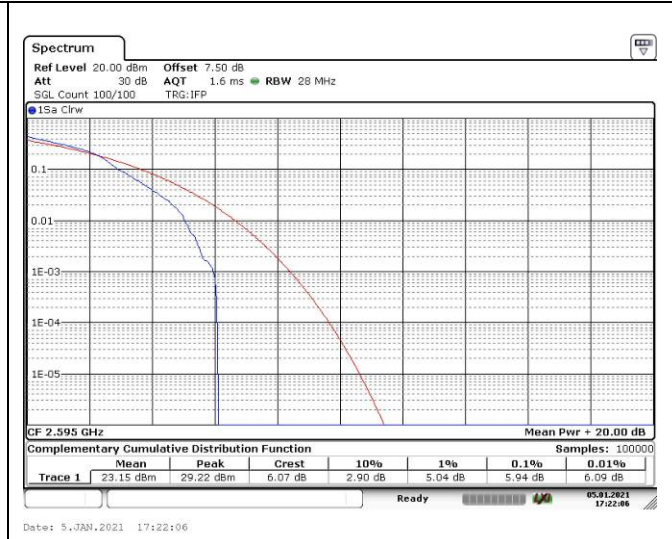


Fig.2

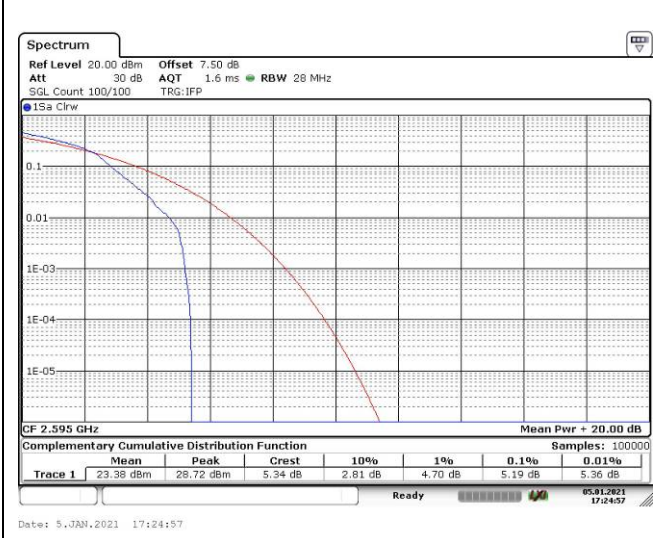


Fig.3

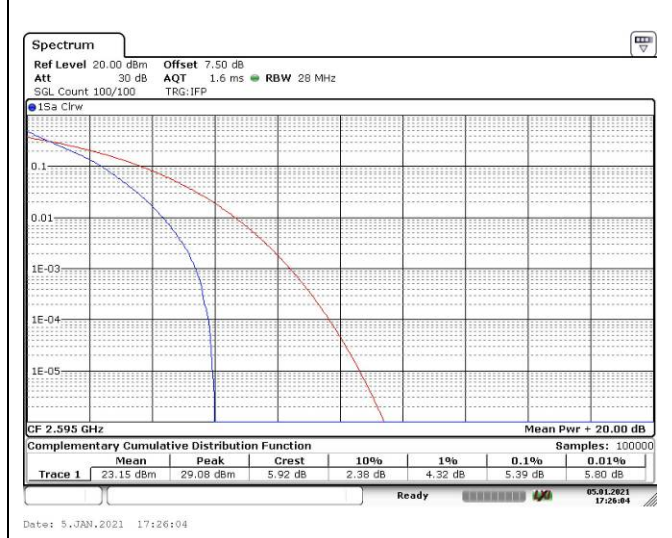


Fig.4

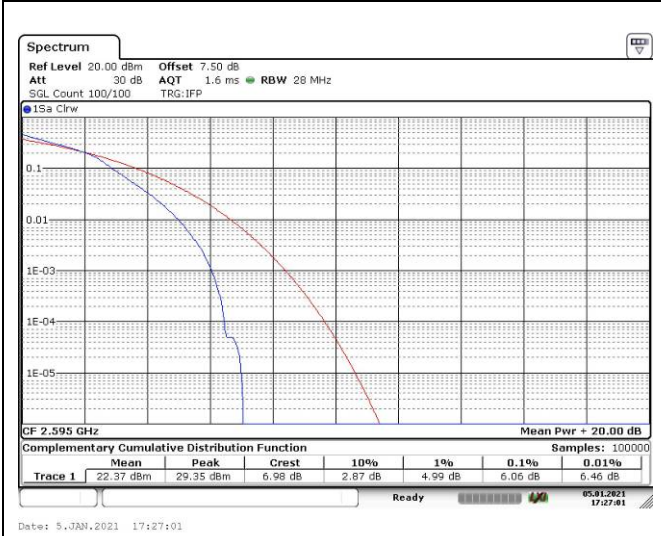


Fig.5

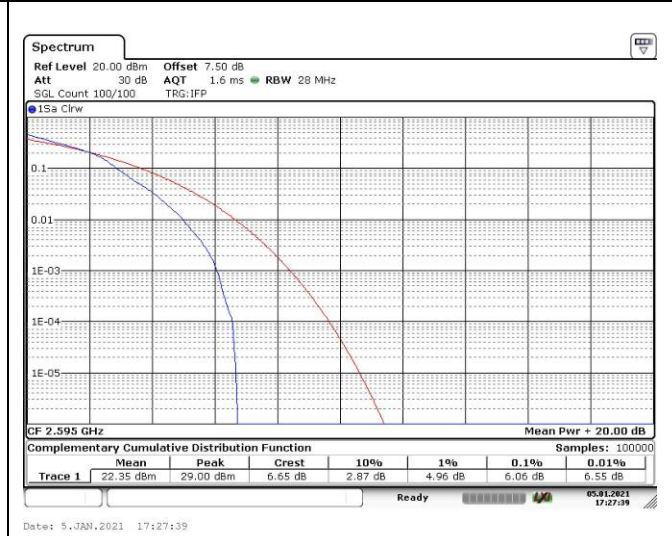


Fig.6

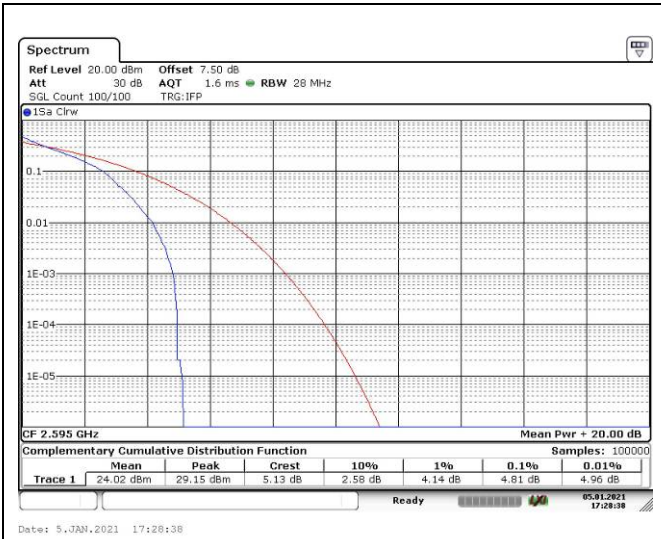


Fig.7

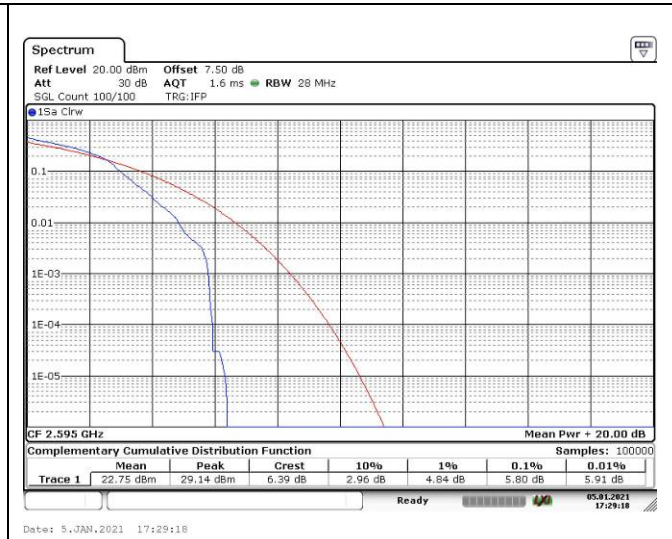


Fig.8

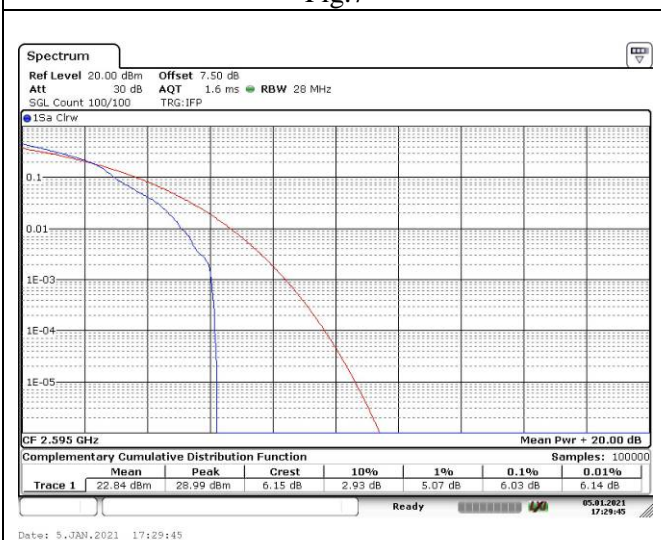


Fig.9

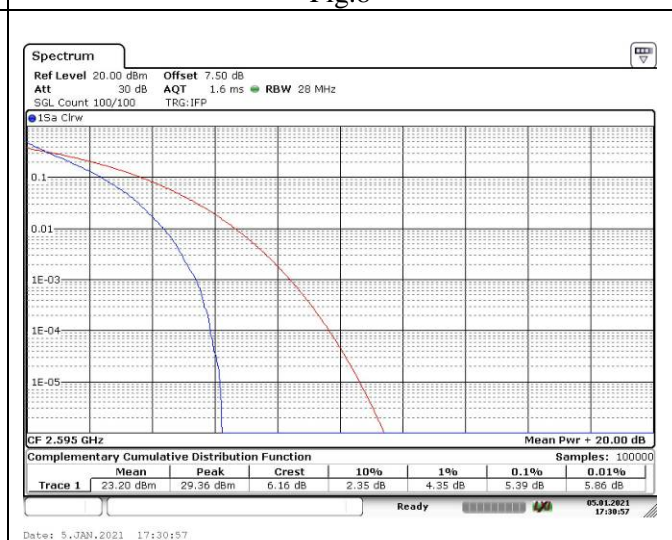


Fig.10

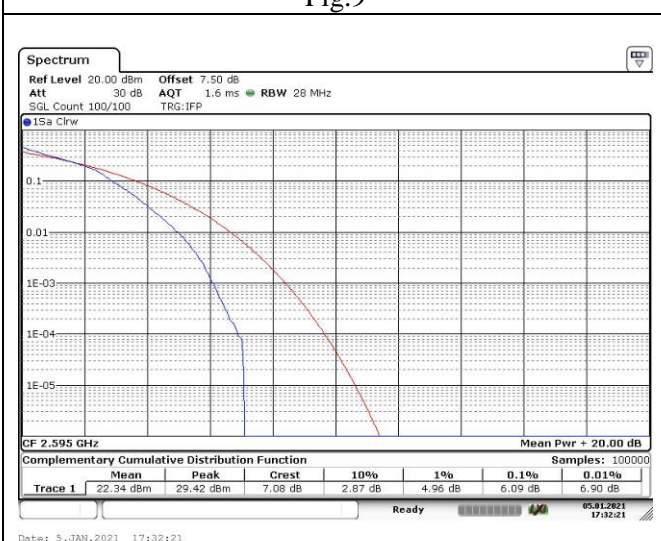


Fig.11

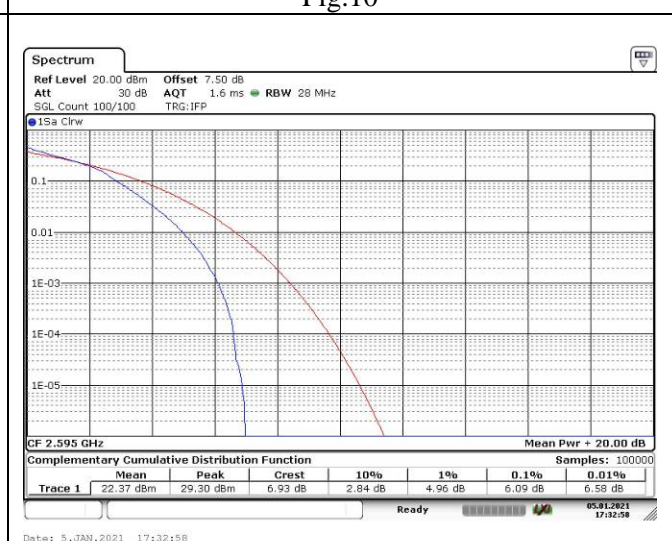


Fig.12

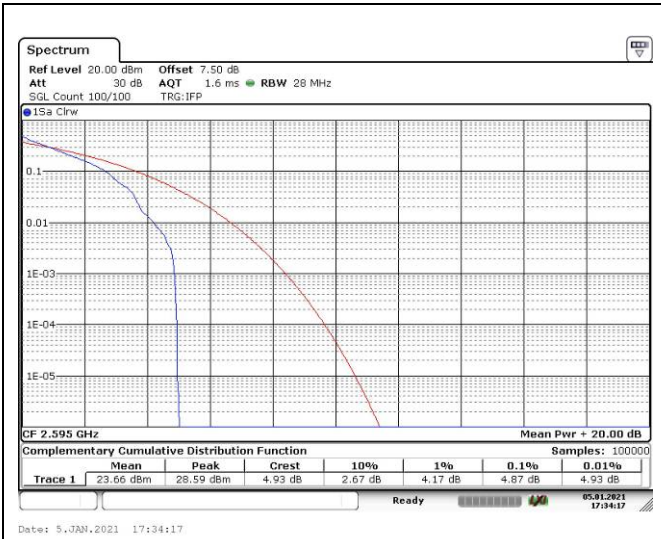


Fig.13

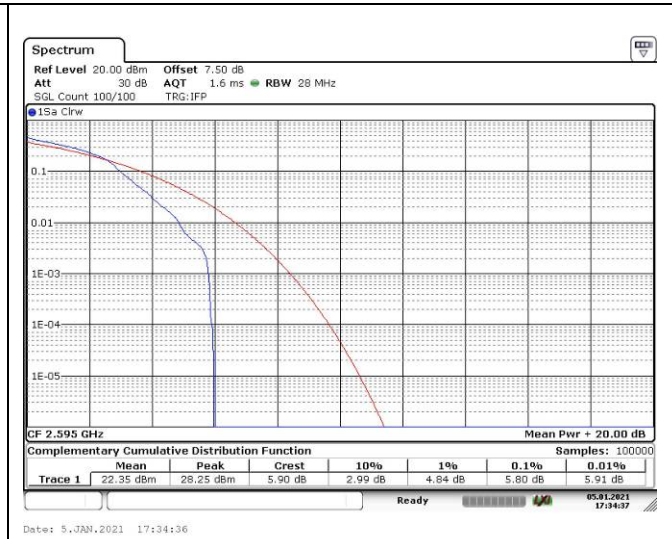


Fig.14

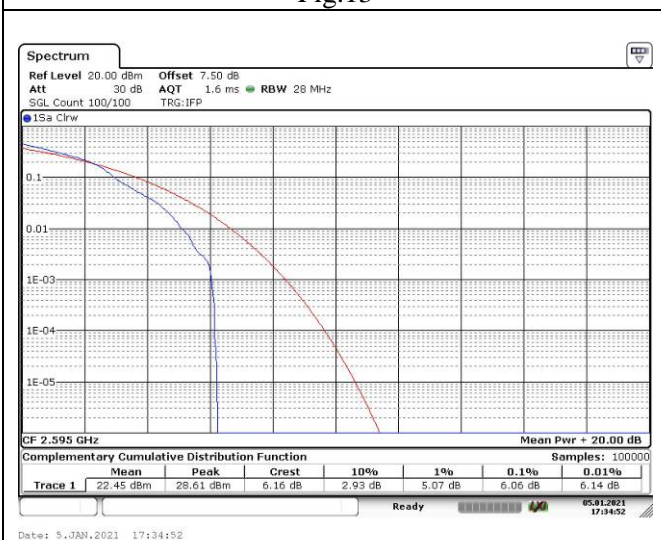


Fig.15

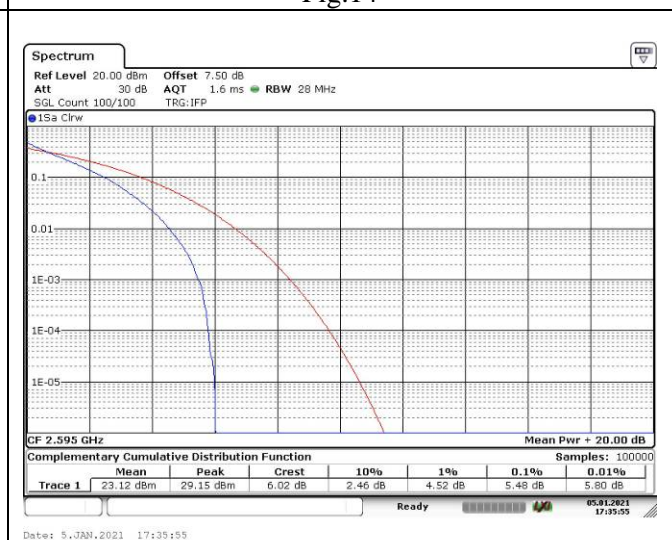


Fig.16

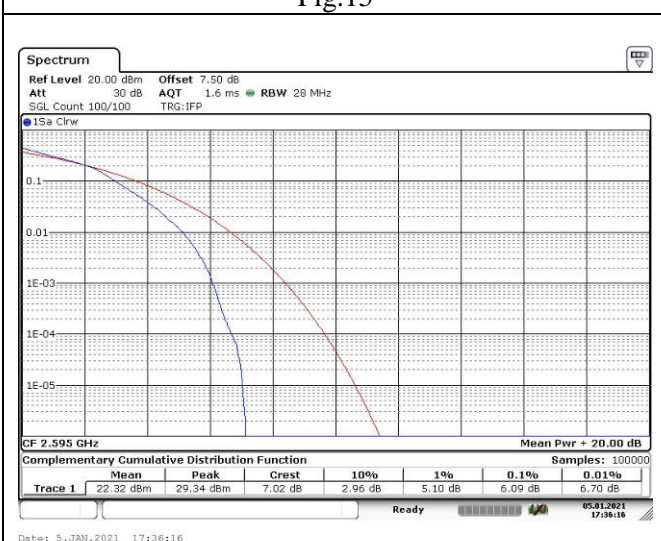


Fig.17

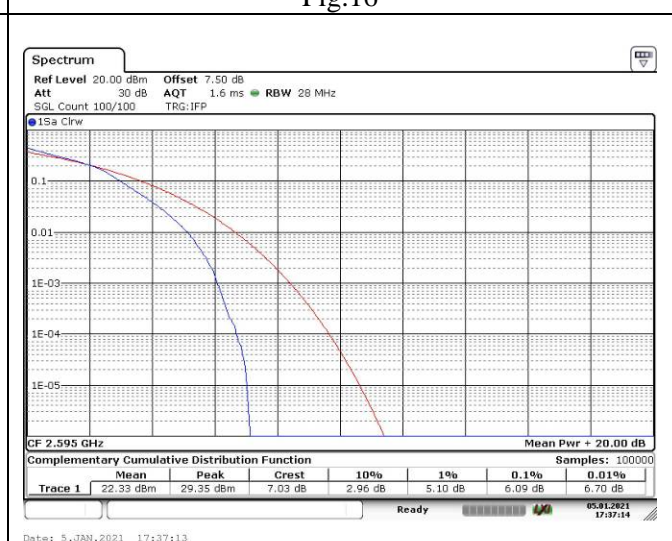


Fig.18

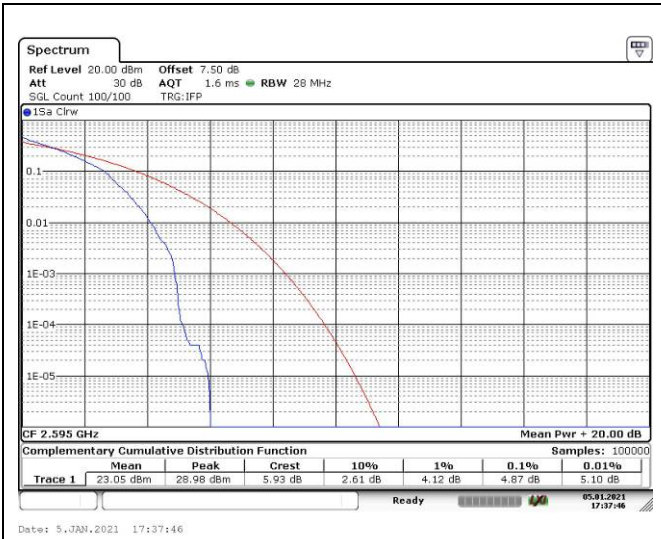


Fig.19

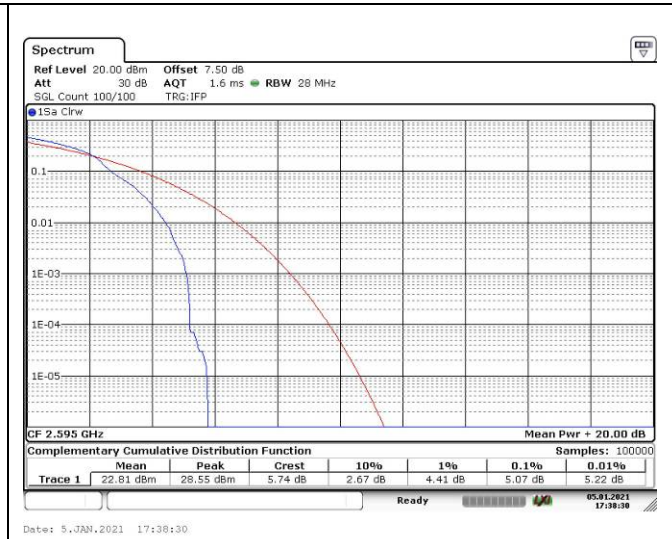


Fig.20

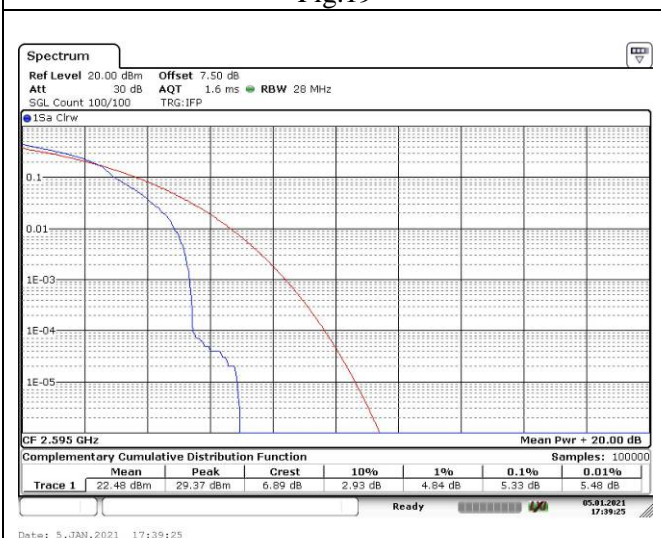


Fig.21

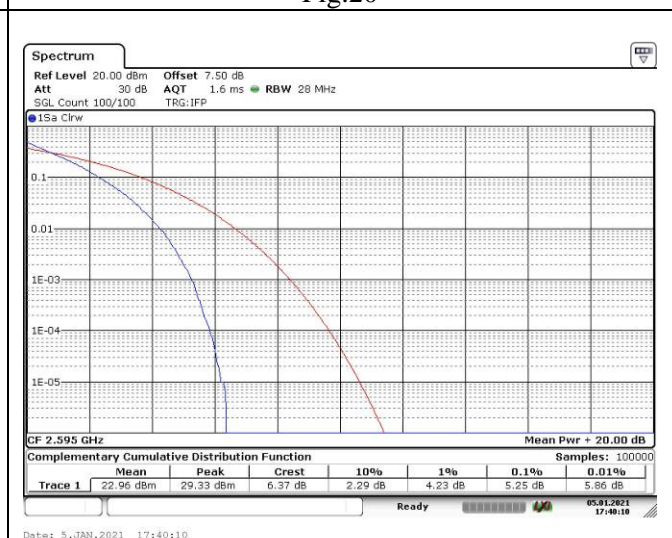


Fig.22

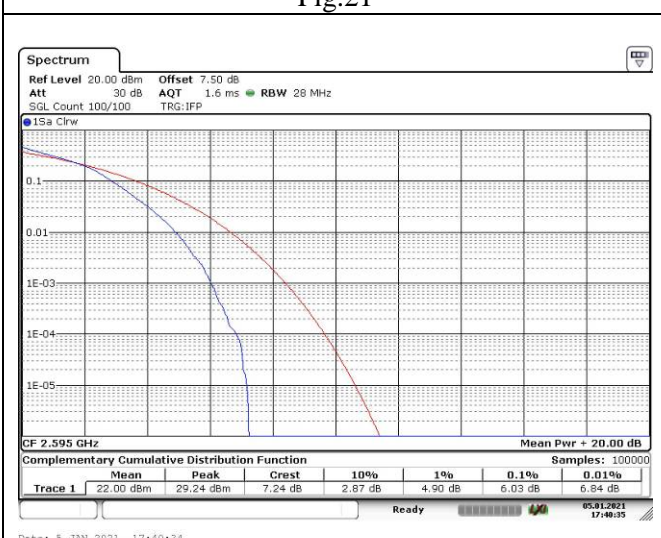


Fig.23

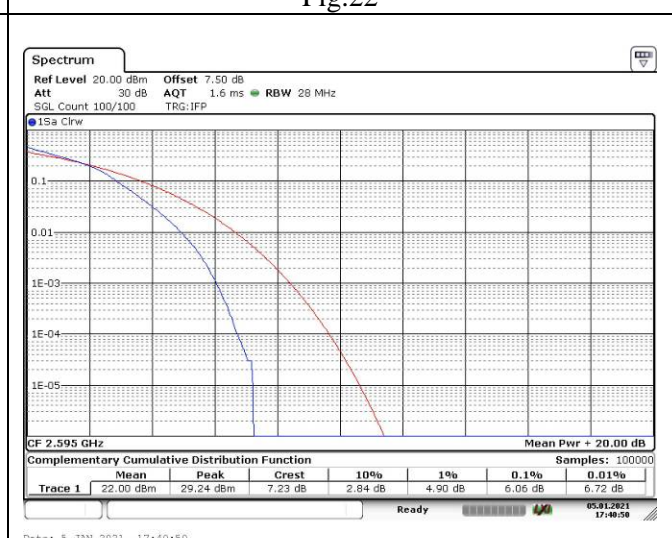


Fig.24

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
38	2580	37850	20	1	0	Fig.1
	2595	38000		1	0	Fig.2
	2610	38150		1	0	Fig.3

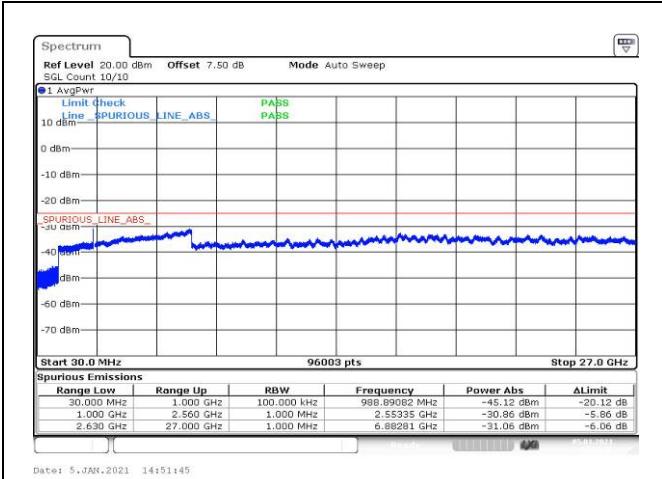


Fig.1

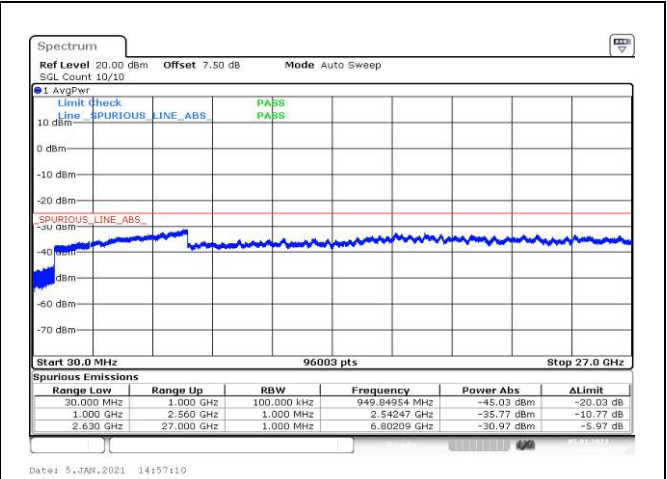


Fig.2

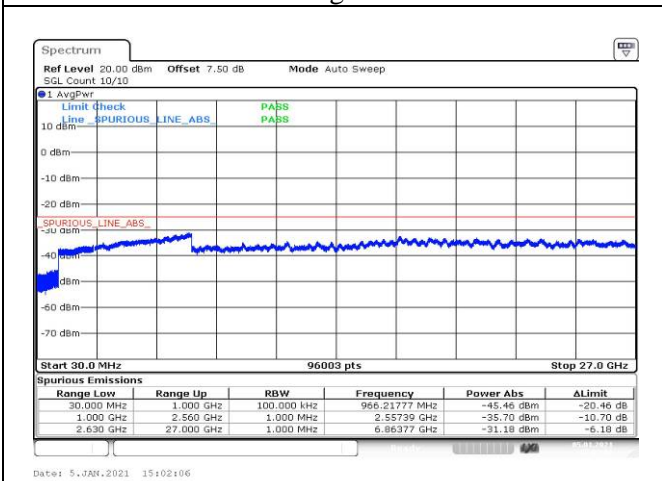


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
38	2572.5	37775	5	1	0	Fig.1
				25	0	Fig.2
	2617.5	38225		1	24	Fig.3
				25	0	Fig.4
	2575	37800	10	1	0	Fig.5
				50	0	Fig.6
	2615	38200		1	49	Fig.7
				50	0	Fig.8
	2577.5	37825	15	1	0	Fig.9
				75	0	Fig.10
	2612.5	38175		1	74	Fig.11
				75	0	Fig.12
	2580	37850	20	1	0	Fig.13
				100	0	Fig.14
	2610	38150		1	99	Fig.15
				100	0	Fig.16

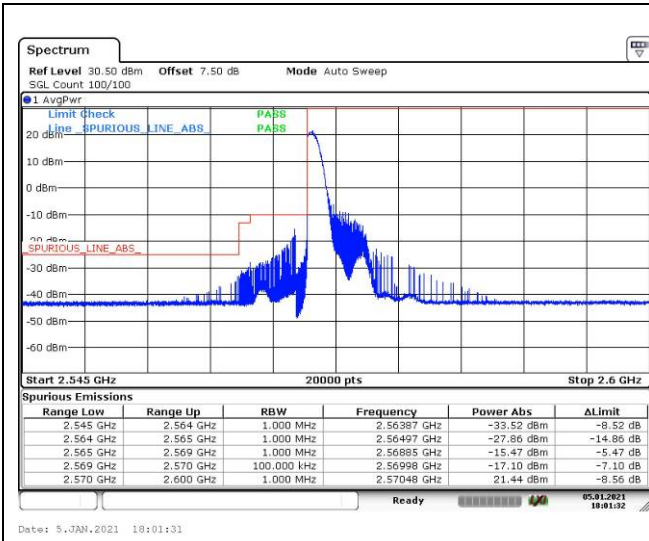


Fig.1

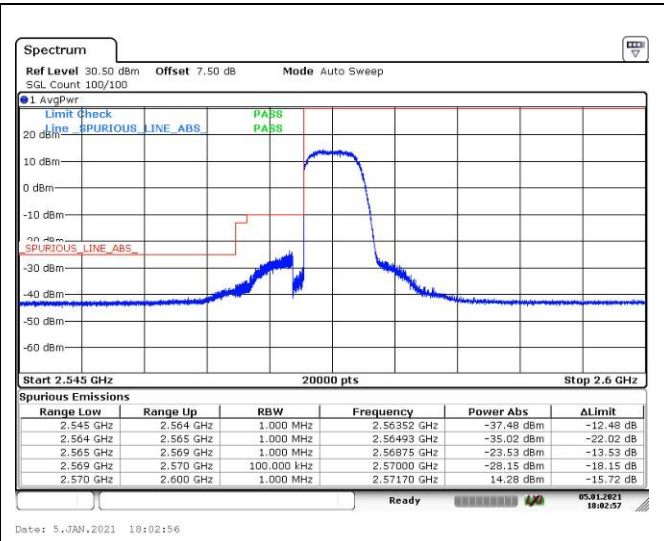


Fig.2

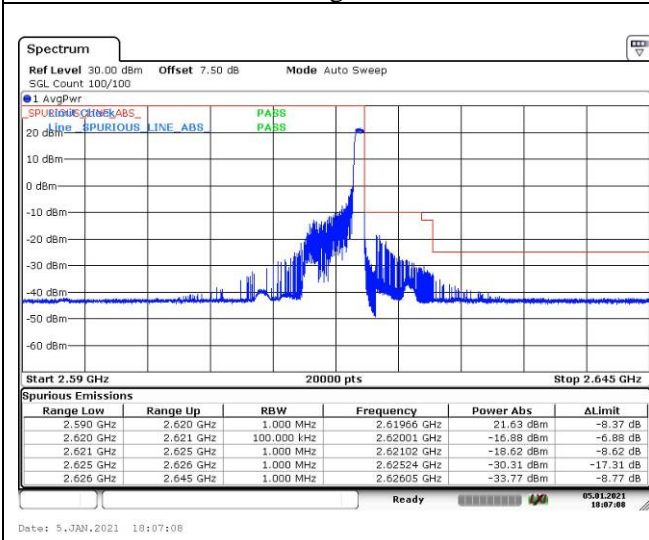


Fig.3

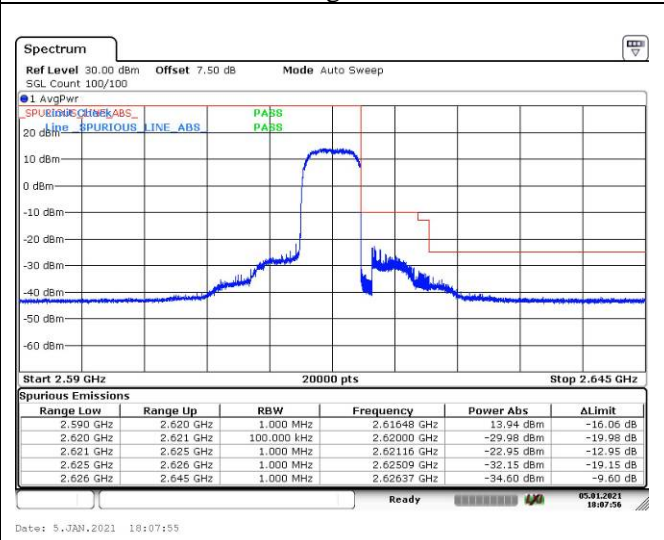


Fig.4

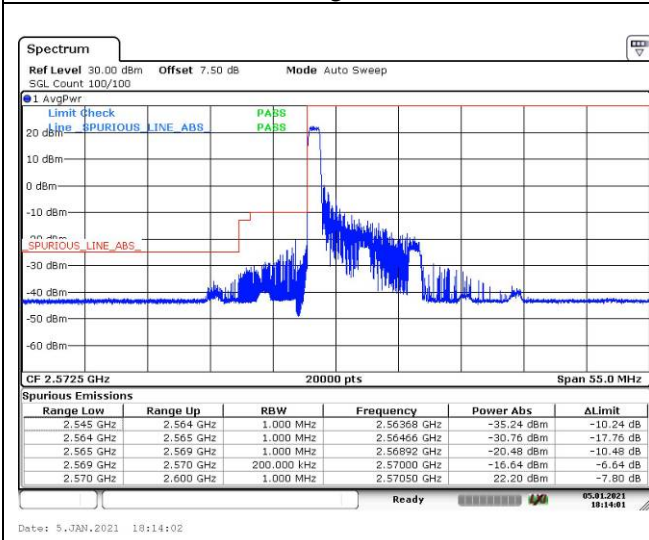


Fig.5

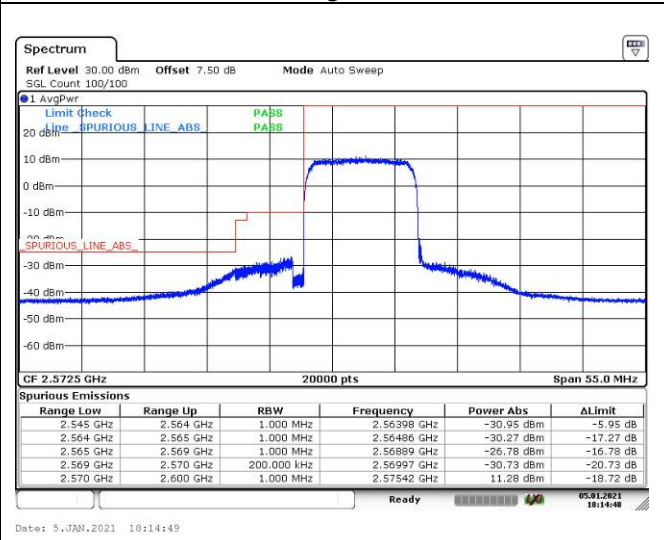


Fig.6

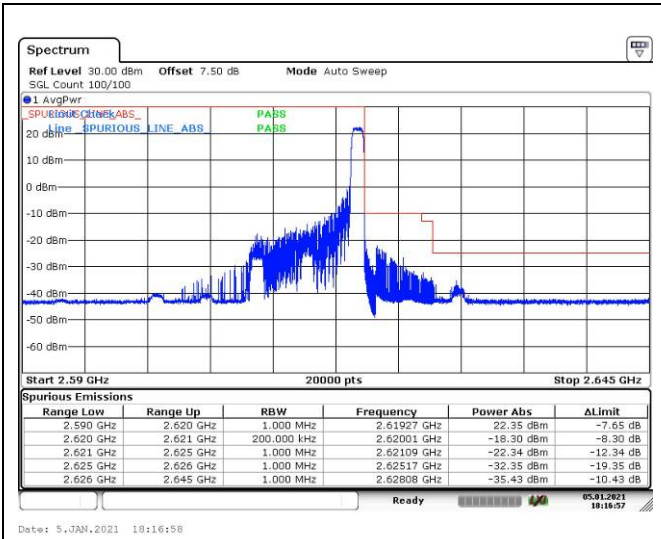


Fig.7

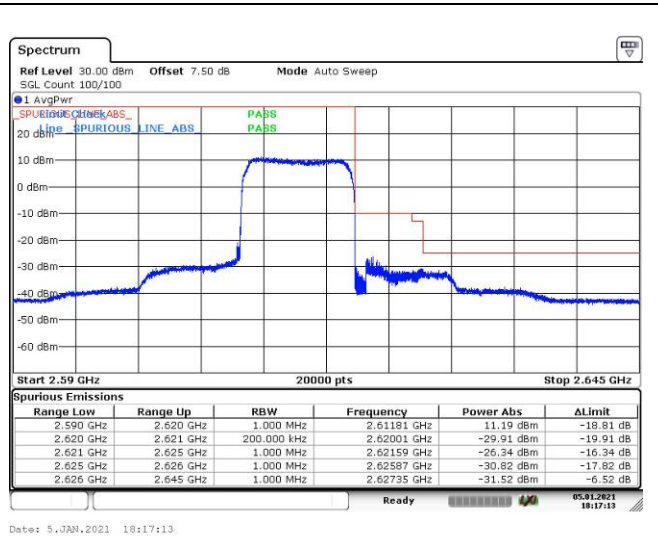


Fig.8

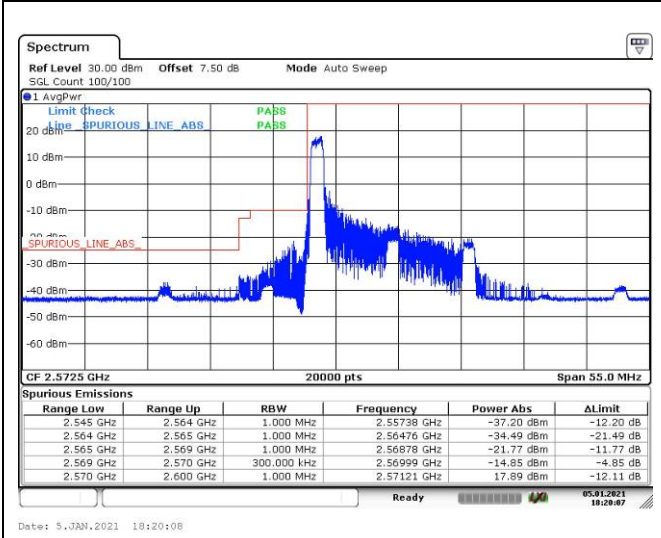


Fig.9

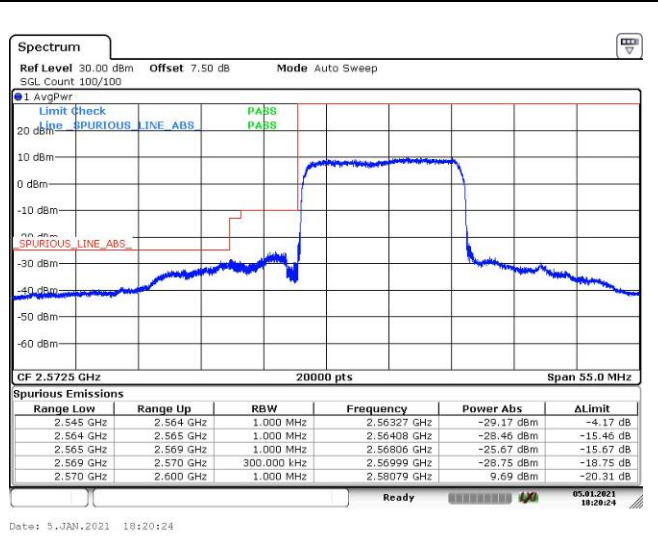


Fig.10

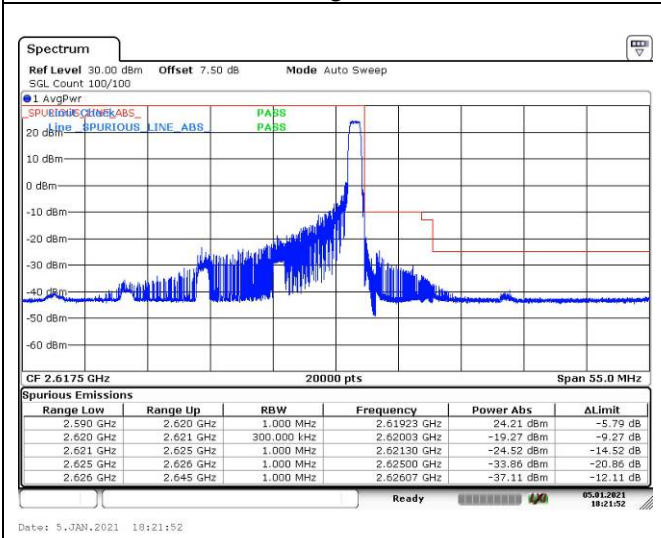


Fig.11

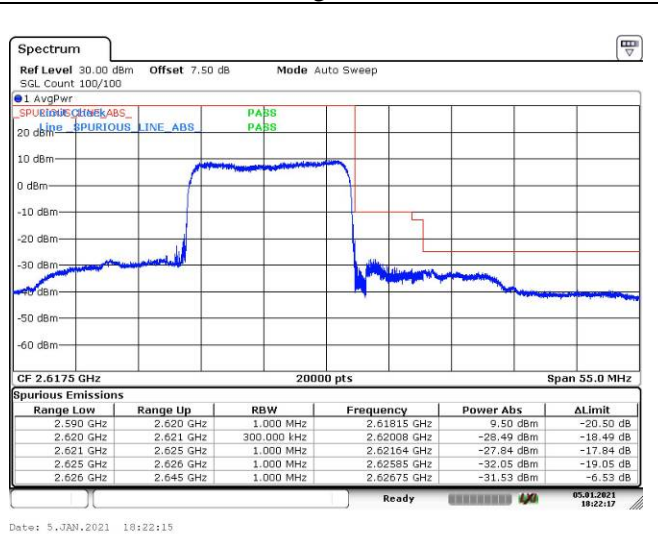


Fig.12

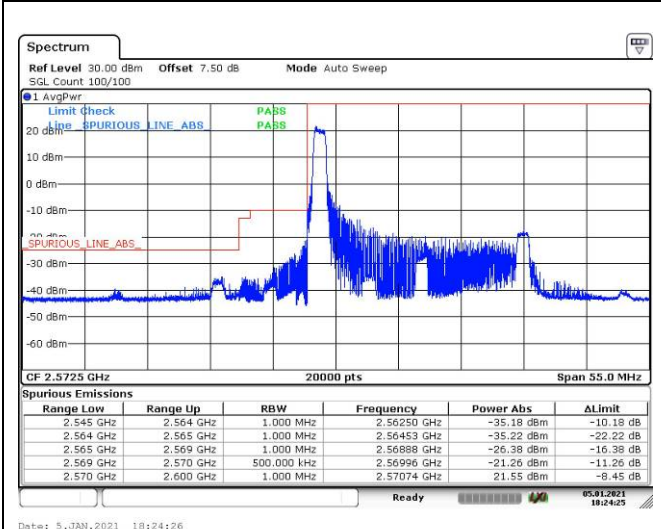


Fig.13

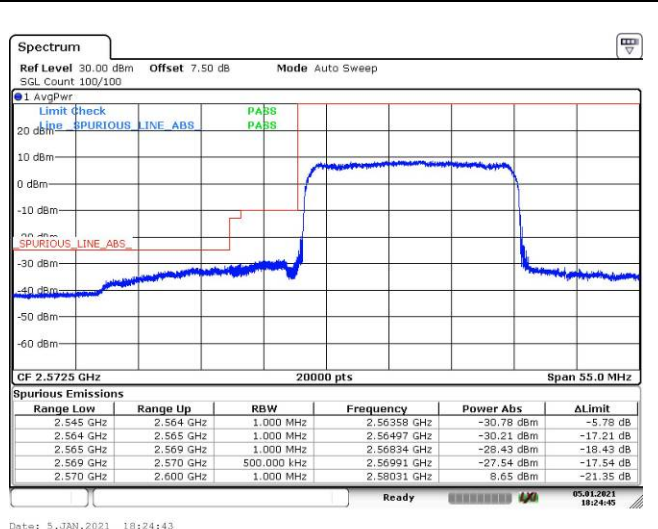


Fig.14

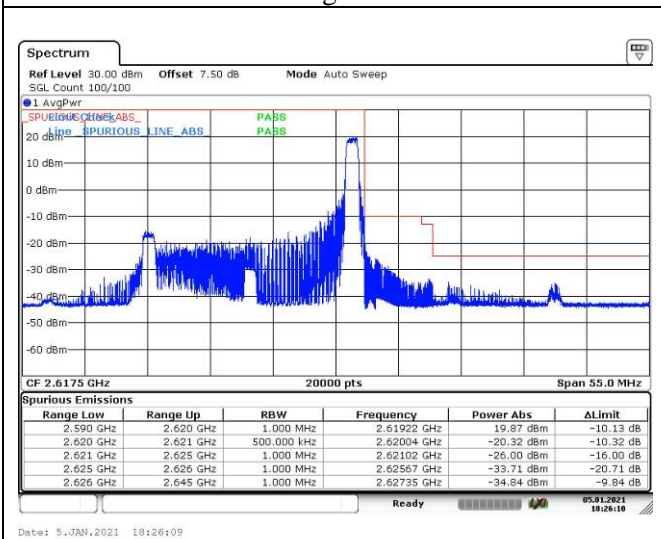


Fig.15

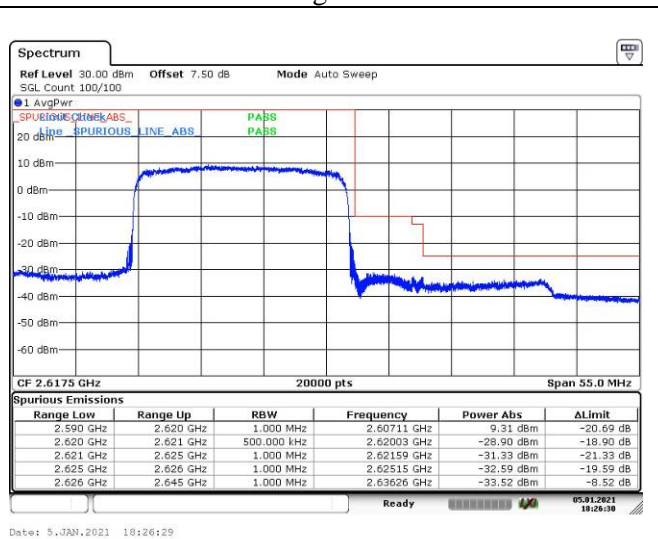


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band38 Low Channel QPSK			
		5M	10M	15M	20M
-10	NV	0.009	-0.011	0.015	0.007
0	NV	0.015	0.000	0.008	-0.002
+10	NV	0.014	0.011	0.015	0.004
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.005	0.012	0.005	-0.002
+40	NV	0.007	0.008	0.012	0.001
+50	NV	0.011	0.012	0.015	0.006
+55	NV	0.016	0.010	0.013	0.009
+20	LV	0.006	0.002	0.006	0.007
+20	HV	0.016	0.006	0.016	0.004

Temperature(°C)	Voltage	Test Result (ppm) Band38 High Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.007	-0.014	-0.001	-0.006
0	NV	-0.009	-0.016	-0.022	-0.010
+10	NV	-0.018	-0.008	-0.012	-0.011
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.014	-0.012	-0.010	-0.015
+40	NV	-0.014	-0.005	0.000	-0.014
+50	NV	-0.016	-0.005	-0.011	-0.003
+55	NV	-0.013	-0.007	-0.018	-0.009
+20	LV	-0.012	-0.016	-0.016	-0.009
+20	HV	-0.008	-0.006	-0.018	-0.019

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	2572.5	37775	5	1	0	23.64	21.64	0.146	
				1	12	23.52	21.52	0.142	
				1	24	23.66	21.66	0.147	
				12	0	22.82	20.82	0.121	
				12	7	22.77	20.77	0.119	
				12	13	22.75	20.75	0.119	
				25	0	22.78	20.78	0.120	
	2595	38000		1	0	23.83	21.83	0.152	
				1	12	23.82	21.82	0.152	
				1	24	23.81	21.81	0.152	
				12	0	22.86	20.86	0.122	
				12	7	22.72	20.72	0.118	
				12	13	22.73	20.73	0.118	
				25	0	22.80	20.80	0.120	
	2617.5	38225		1	0	23.78	21.78	0.151	
				1	12	23.74	21.74	0.149	
				1	24	23.73	21.73	0.149	
				12	0	22.76	20.76	0.119	
				12	7	22.82	20.82	0.121	
				12	13	22.82	20.82	0.121	
				25	0	22.70	20.70	0.117	
	16QAM	2572.5		37775	1	0	22.57	20.57	0.114
					1	12	22.64	20.64	0.116
					1	24	22.64	20.64	0.116
12			0		21.94	19.94	0.099		
12			7		21.90	19.90	0.098		
12			13		21.89	19.89	0.097		
25			0		21.77	19.77	0.095		
2595		38000	1	0	23.51	21.51	0.142		
			1	12	23.24	21.24	0.133		
			1	24	23.24	21.24	0.133		
			12	0	21.78	19.78	0.095		
			12	7	21.78	19.78	0.095		
			12	13	21.79	19.79	0.095		
			25	0	21.92	19.92	0.098		
2617.5		38225	1	0	23.14	21.14	0.130		
			1	12	23.22	21.22	0.132		
			1	24	23.22	21.22	0.132		
			12	0	21.83	19.83	0.096		
			12	7	21.75	19.75	0.094		
			12	13	21.75	19.75	0.094		
			25	0	21.94	19.94	0.099		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2572.5	37775	5	1	0	21.77	19.77	0.095
				1	12	21.76	19.76	0.095
				1	24	21.76	19.76	0.095
				12	0	21.76	19.76	0.095
				12	7	21.79	19.79	0.095
				12	13	21.85	19.85	0.097
				25	0	21.85	19.85	0.097
	2595	38000		1	0	21.92	19.92	0.098
				1	12	21.92	19.92	0.098
				1	24	21.92	19.92	0.098
				12	0	21.92	19.92	0.098
				12	7	21.92	19.92	0.098
				12	13	21.92	19.92	0.098
				25	0	21.91	19.91	0.098
	2617.5	38225		1	0	21.92	19.92	0.098
				1	12	21.93	19.93	0.098
				1	24	21.88	19.88	0.097
				12	0	21.93	19.93	0.098
				12	7	21.93	19.93	0.098
				12	13	21.93	19.93	0.098
				25	0	21.93	19.93	0.098

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2575	37800	10	1	0	23.96	21.96	0.157
				1	25	23.90	21.90	0.155
				1	49	23.89	21.89	0.155
				25	0	22.73	20.73	0.118
				25	12	22.85	20.85	0.122
				25	25	22.85	20.85	0.122
	50	0		22.78	20.78	0.120		
	2595	38000		1	0	23.84	21.84	0.153
				1	25	23.93	21.93	0.156
				1	49	23.92	21.92	0.156
				25	0	22.85	20.85	0.122
				25	12	22.86	20.86	0.122
				25	25	22.86	20.86	0.122
	50	0		22.85	20.85	0.122		
	2615	38200		1	0	23.66	21.66	0.147
				1	25	23.72	21.72	0.149
				1	49	23.71	21.71	0.148
				25	0	22.78	20.78	0.120
25			12	22.80	20.80	0.120		
25			25	22.80	20.80	0.120		
50	0	22.78	20.78	0.120				
16QAM	2575	37800	1	0	23.11	21.11	0.129	
			1	25	23.07	21.07	0.128	
			1	49	23.07	21.07	0.128	
			25	0	21.81	19.81	0.096	
			25	12	21.81	19.81	0.096	
			25	25	21.81	19.81	0.096	
	50	0	21.82	19.82	0.096			
	2595	38000	1	0	23.18	21.18	0.131	
			1	25	23.16	21.16	0.131	
			1	49	23.15	21.15	0.130	
			25	0	22.05	20.05	0.101	
			25	12	22.06	20.06	0.101	
			25	25	22.06	20.06	0.101	
	50	0	22.01	20.01	0.100			
	2615	38200	1	0	22.93	20.93	0.124	
			1	25	22.82	20.82	0.121	
			1	49	22.81	20.81	0.121	
			25	0	21.98	19.98	0.100	
25			12	22.00	20.00	0.100		
25			25	22.00	20.00	0.100		
50	0	21.86	19.86	0.097				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2575	37800	10	1	0	21.81	19.81	0.096
				1	25	21.82	19.82	0.096
				1	49	21.82	19.82	0.096
				25	0	21.93	19.93	0.098
				25	12	21.82	19.82	0.096
				25	25	21.81	19.81	0.096
				50	0	21.81	19.81	0.096
	2595	38000		1	0	22.01	20.01	0.100
				1	25	22.01	20.01	0.100
				1	49	22.01	20.01	0.100
				25	0	22.02	20.02	0.100
				25	12	22.01	20.01	0.100
				25	25	22.01	20.01	0.100
				50	0	22.01	20.01	0.100
	2615	38200		1	0	21.87	19.87	0.097
				1	25	21.87	19.87	0.097
				1	49	21.86	19.86	0.097
				25	0	21.87	19.87	0.097
				25	12	21.87	19.87	0.097
				25	25	21.87	19.87	0.097
				50	0	21.87	19.87	0.097

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2577.5	37825	15	1	0	23.99	21.99	0.158
				1	37	23.89	21.89	0.155
				1	74	23.89	21.89	0.155
				36	0	22.85	20.85	0.122
				36	29	22.73	20.73	0.118
				36	30	22.73	20.73	0.118
				75	0	22.84	20.84	0.121
	2595	38000		1	0	23.87	21.87	0.154
				1	37	23.80	21.80	0.151
				1	74	23.79	21.79	0.151
				36	0	22.77	20.77	0.119
				36	29	22.66	20.66	0.116
				36	30	22.66	20.66	0.116
				75	0	22.83	20.83	0.121
	2612.5	38175		1	0	23.85	21.85	0.153
				1	37	23.77	21.77	0.150
				1	74	23.75	21.75	0.150
				36	0	22.85	20.85	0.122
				36	29	22.84	20.84	0.121
				36	30	22.84	20.84	0.121
				75	0	22.84	20.84	0.121
16QAM	2577.5	37825	1	0	23.17	21.17	0.131	
			1	37	23.06	21.06	0.128	
			1	74	23.06	21.06	0.128	
			36	0	21.96	19.96	0.099	
			36	29	21.81	19.81	0.096	
			36	30	21.81	19.81	0.096	
			75	0	21.91	19.91	0.098	
	2595	38000	1	0	23.24	21.24	0.133	
			1	37	22.90	20.90	0.123	
			1	74	22.93	20.93	0.124	
			36	0	21.73	19.73	0.094	
			36	29	21.76	19.76	0.095	
			36	30	21.89	19.89	0.097	
			75	0	21.93	19.93	0.098	
	2612.5	38175	1	0	22.03	20.03	0.101	
			1	37	21.83	19.83	0.096	
			1	74	21.82	19.82	0.096	
			36	0	22.06	20.06	0.101	
			36	29	21.94	19.94	0.099	
			36	30	21.94	19.94	0.099	
			75	0	21.90	19.90	0.098	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2577.5	37825	15	1	0	21.92	19.92	0.098
				1	37	21.91	19.91	0.098
				1	74	21.92	19.92	0.098
				36	0	21.92	19.92	0.098
				36	29	21.92	19.92	0.098
				36	30	21.92	19.92	0.098
				75	0	21.92	19.92	0.098
	2595	38000		1	0	21.93	19.93	0.098
				1	37	21.93	19.93	0.098
				1	74	21.93	19.93	0.098
				36	0	21.94	19.94	0.099
				36	29	21.93	19.93	0.098
				36	30	21.94	19.94	0.099
				75	0	21.94	19.94	0.099
	2612.5	38175		1	0	21.90	19.90	0.098
				1	37	21.90	19.90	0.098
				1	74	21.90	19.90	0.098
				36	0	21.91	19.91	0.098
				36	29	21.90	19.90	0.098
				36	30	21.91	19.91	0.098
				75	0	21.91	19.91	0.098

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2610	38150	20	1	0	23.57	21.57	0.144
				1	49	23.55	21.55	0.143
				1	99	23.48	21.48	0.141
				50	0	22.56	20.56	0.114
				50	24	22.52	20.52	0.113
				50	50	22.48	20.48	0.112
	100	0		22.44	20.44	0.111		
	2595	38000		1	0	23.77	21.77	0.150
				1	49	23.78	21.78	0.151
				1	99	23.77	21.77	0.150
				50	0	22.86	20.86	0.122
				50	24	22.75	20.75	0.119
				50	50	22.74	20.74	0.119
	100	0		22.79	20.79	0.120		
	2610	38150		1	0	23.93	21.93	0.156
				1	49	23.81	21.81	0.152
				1	99	23.79	21.79	0.151
				50	0	22.86	20.86	0.122
50			24	22.73	20.73	0.118		
50			50	22.73	20.73	0.118		
100	0	22.78	20.78	0.120				
16QAM	2580	37850	1	0	23.05	21.05	0.127	
			1	49	22.65	20.65	0.116	
			1	99	22.74	20.74	0.119	
			50	0	21.93	19.93	0.098	
			50	24	21.90	19.90	0.098	
			50	50	21.90	19.90	0.098	
	100	0	21.85	19.85	0.097			
	2595	38000	1	0	23.50	21.50	0.141	
			1	49	23.44	21.44	0.139	
			1	99	23.44	21.44	0.139	
			50	0	22.06	20.06	0.101	
			50	24	21.95	19.95	0.099	
			50	50	21.95	19.95	0.099	
	100	0	21.99	19.99	0.100			
	2610	38150	1	0	22.58	20.58	0.114	
			1	49	22.46	20.46	0.111	
			1	99	22.46	20.46	0.111	
			50	0	21.85	19.85	0.097	
50			24	21.89	19.89	0.097		
50			50	21.89	19.89	0.097		
100	0	21.96	19.96	0.099				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2580	37850	20	1	0	21.85	19.85	0.097
				1	49	21.85	19.85	0.097
				1	99	21.84	19.84	0.096
				50	0	21.83	19.83	0.096
				50	24	21.83	19.83	0.096
				50	50	21.83	19.83	0.096
				100	0	21.82	19.82	0.096
	2595	38000		1	0	21.99	19.99	0.100
				1	49	21.99	19.99	0.100
				1	99	21.99	19.99	0.100
				50	0	21.99	19.99	0.100
				50	24	21.99	19.99	0.100
				50	50	21.99	19.99	0.100
				100	0	21.99	19.99	0.100
	2610	38150		1	0	21.96	19.96	0.099
				1	49	21.96	19.96	0.099
				1	99	21.96	19.96	0.099
				50	0	21.96	19.96	0.099
				50	24	21.95	19.95	0.099
				50	50	21.80	19.80	0.095
				100	0	21.80	19.80	0.095