

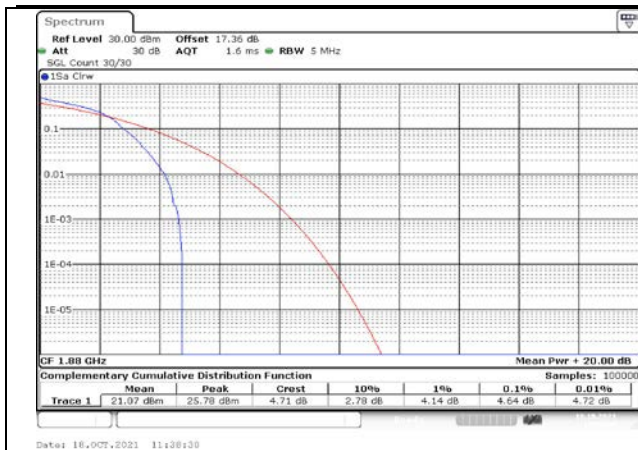


Fig.19

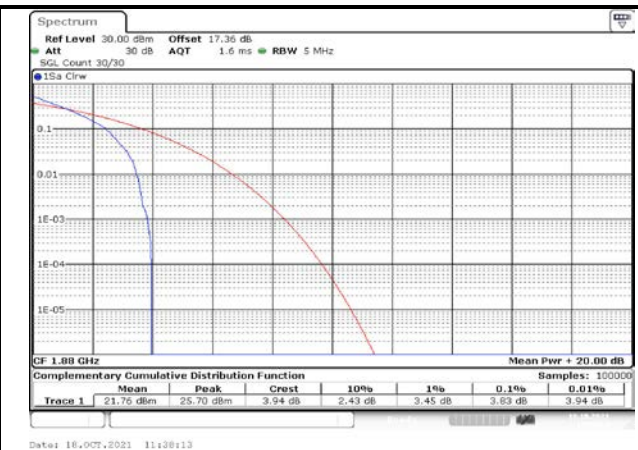


Fig.20

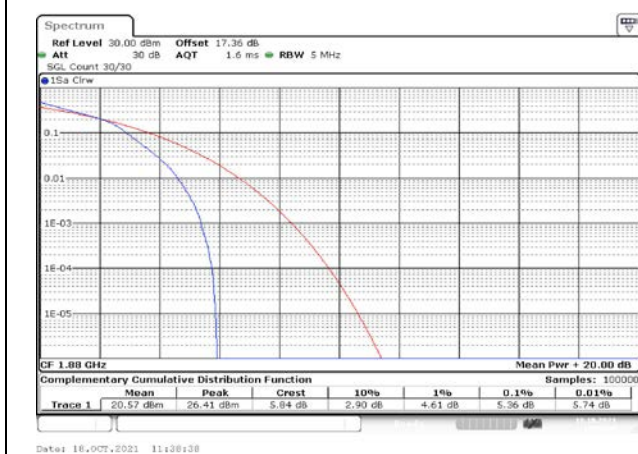


Fig.21

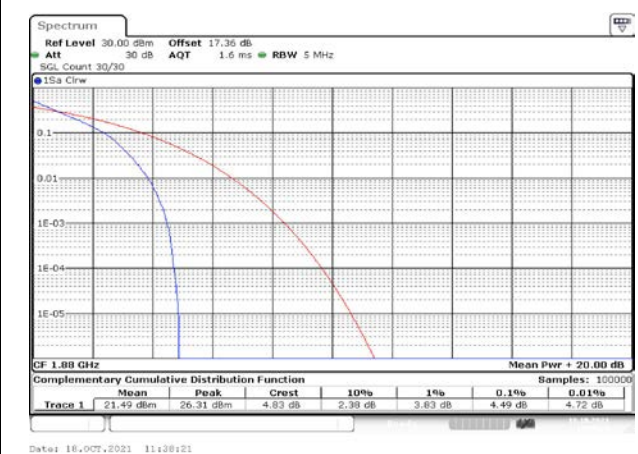


Fig.22

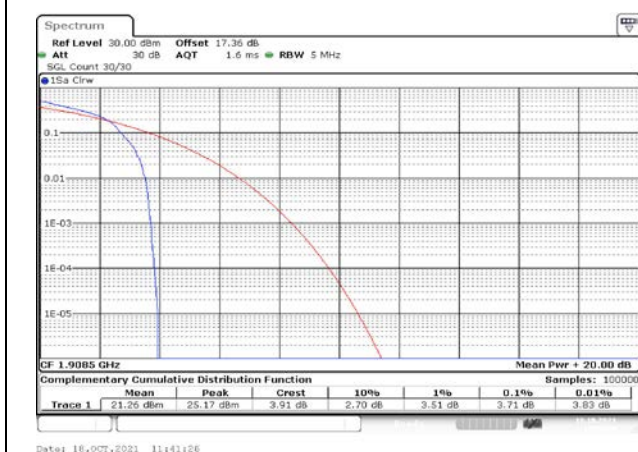


Fig.23

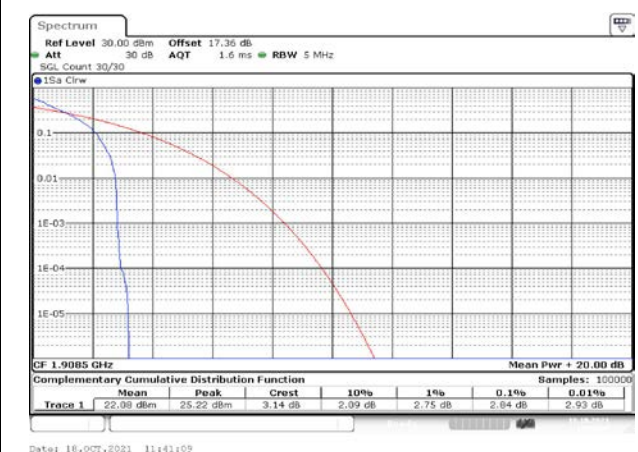


Fig.24

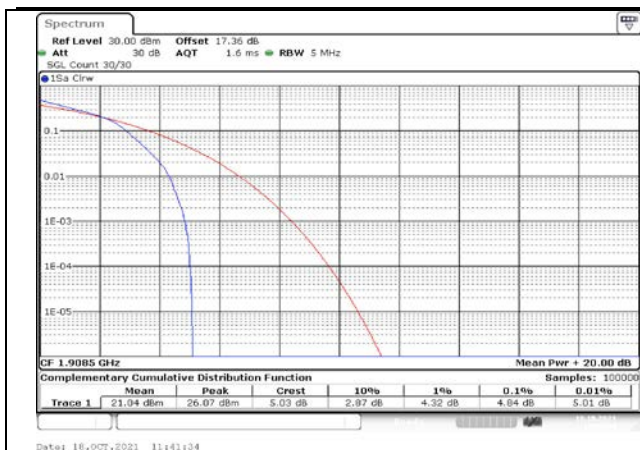


Fig.25

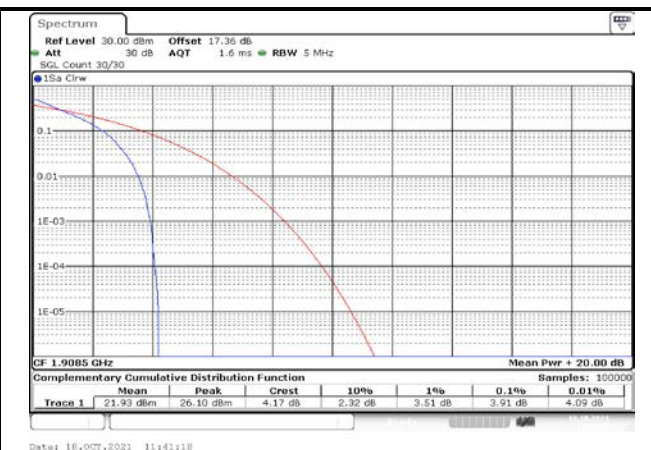


Fig.26

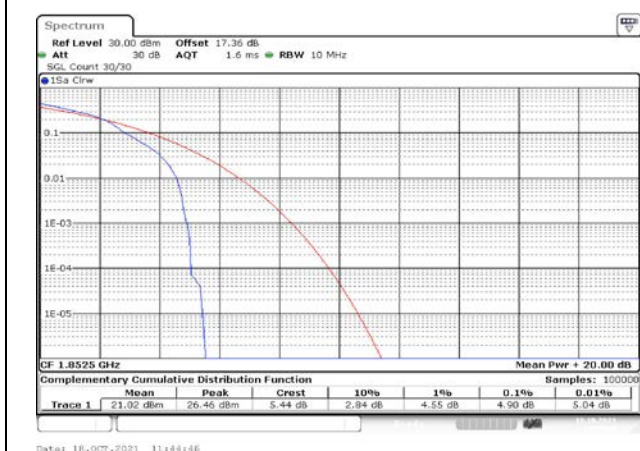


Fig.27

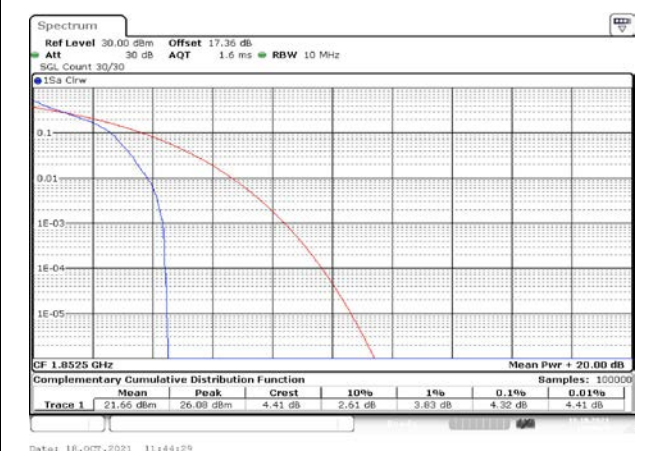


Fig.28

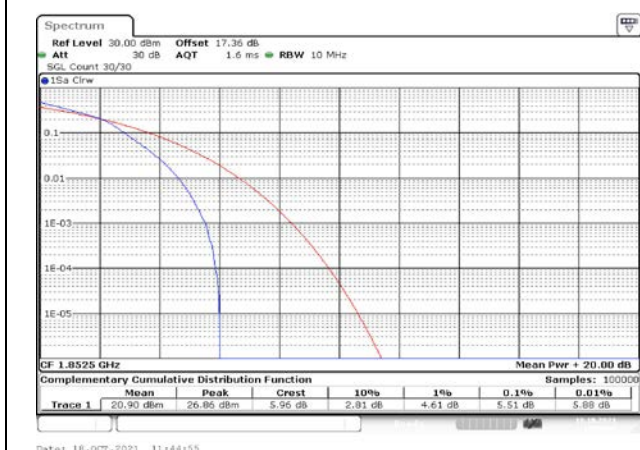


Fig.29

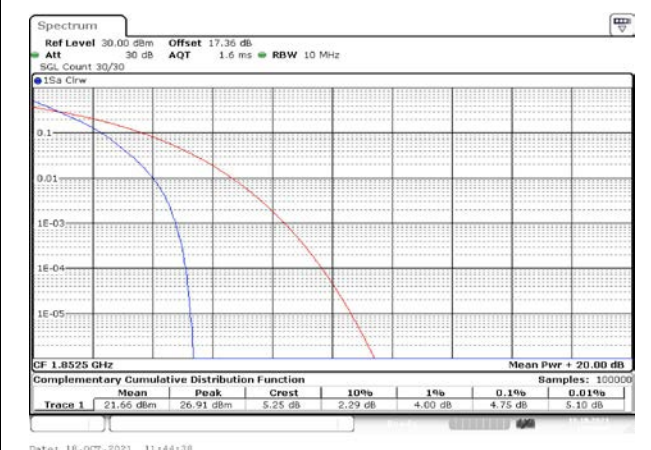


Fig.30

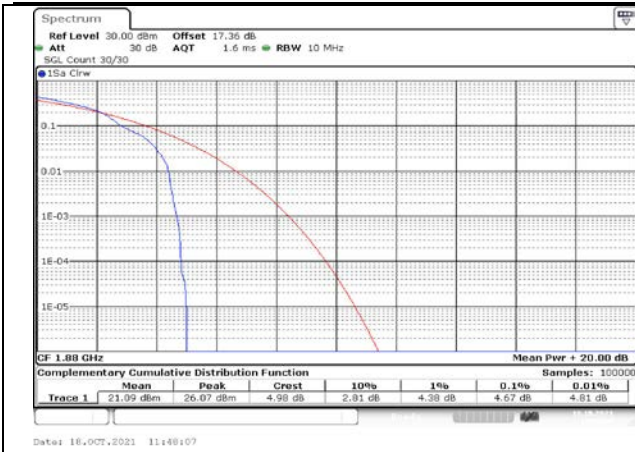


Fig.31

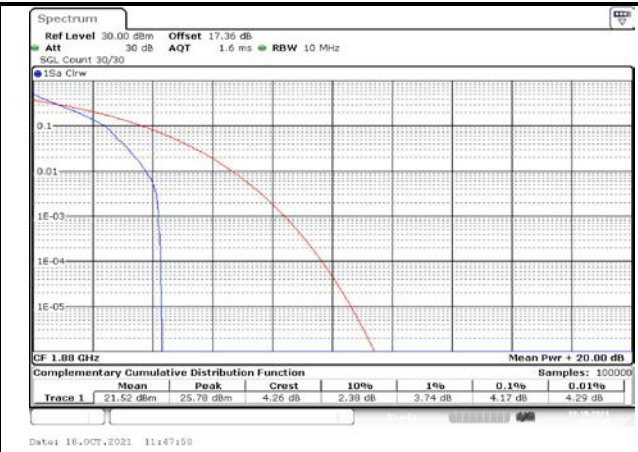


Fig.32

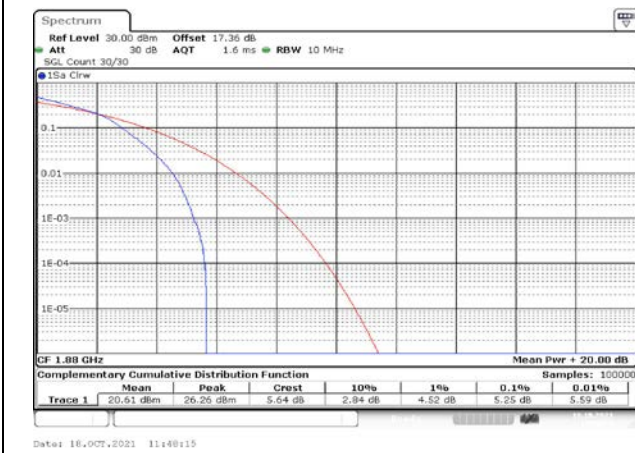


Fig.33

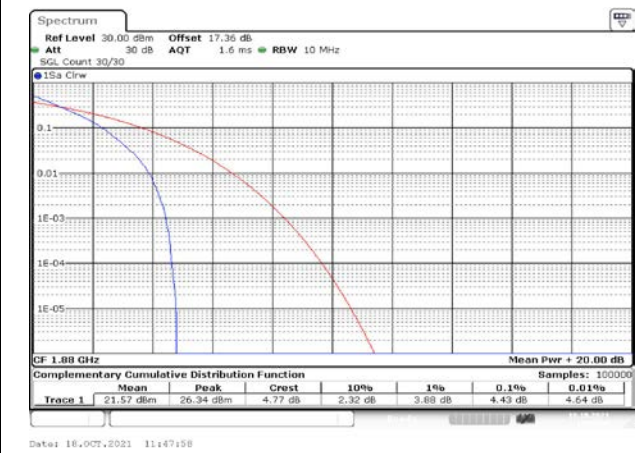


Fig.34

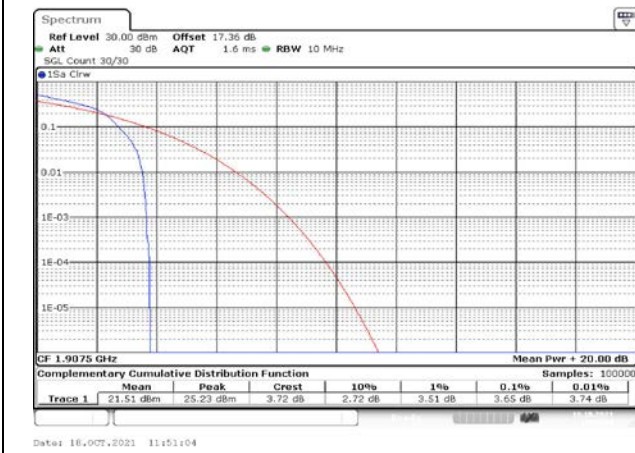


Fig.35

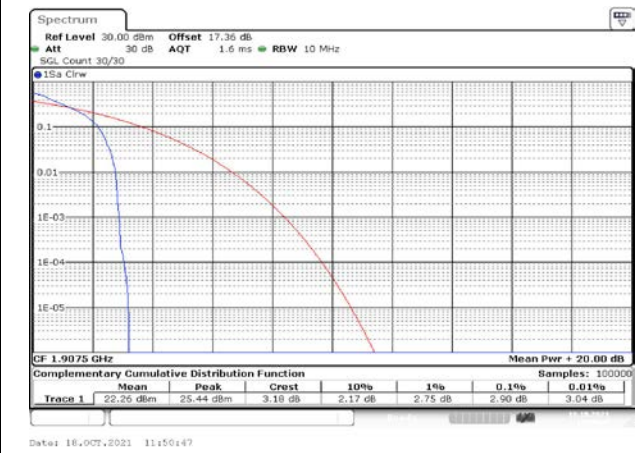


Fig.36

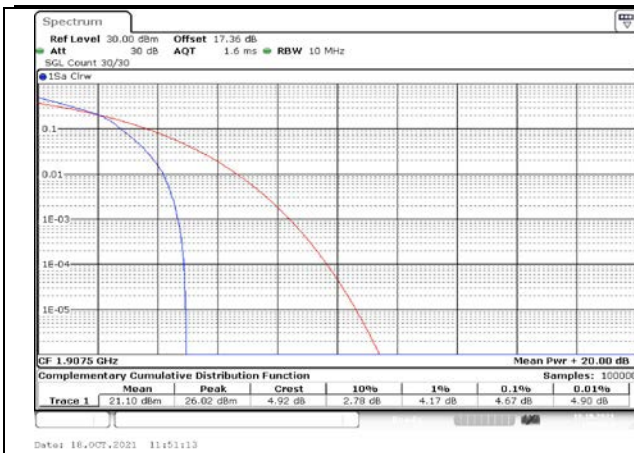


Fig.37

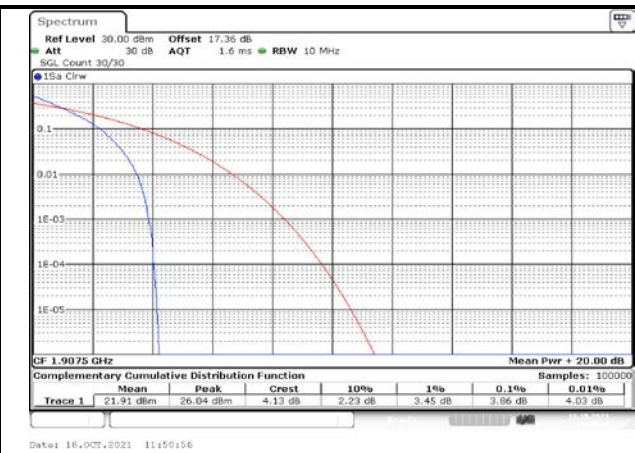


Fig.38

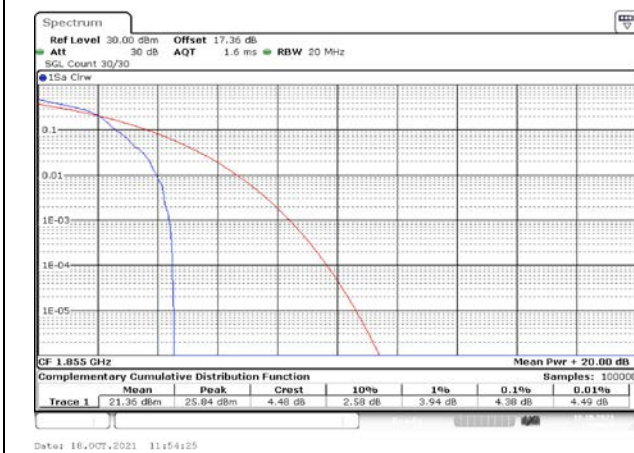


Fig.39

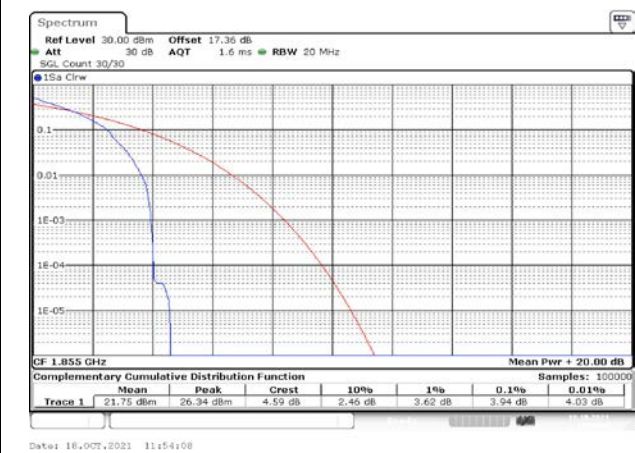


Fig.40

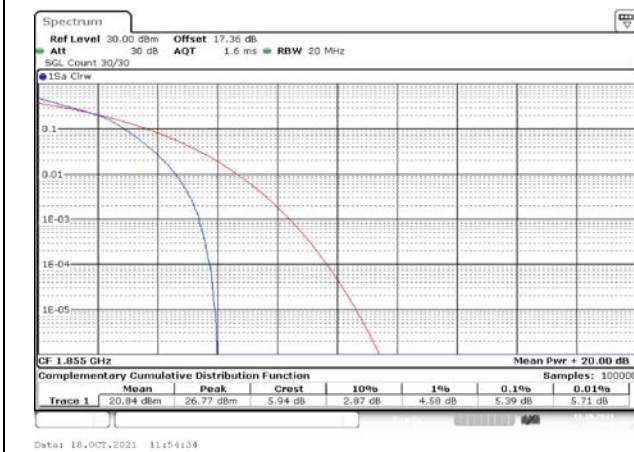


Fig.41

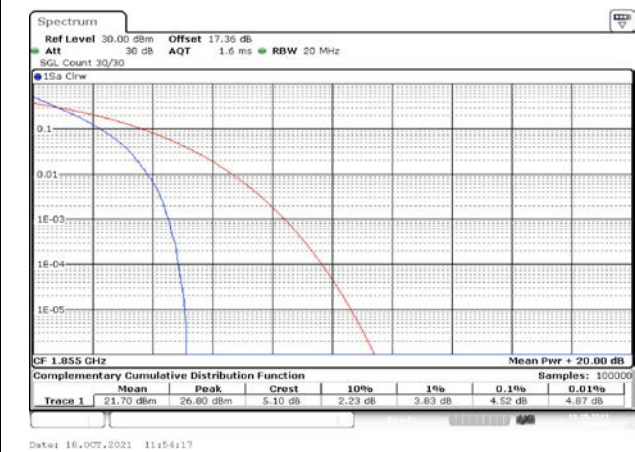


Fig.42

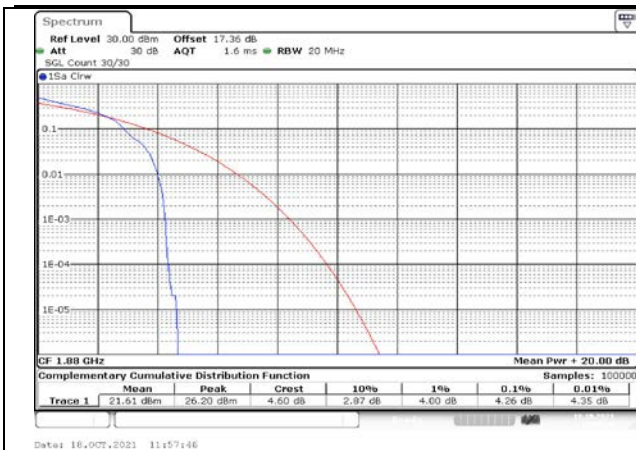


Fig.43

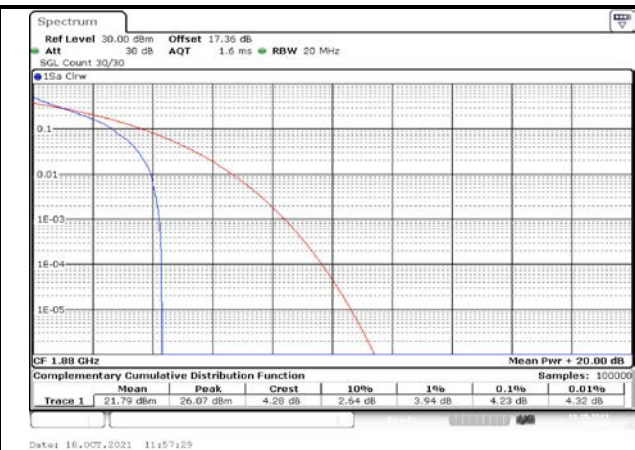


Fig.44

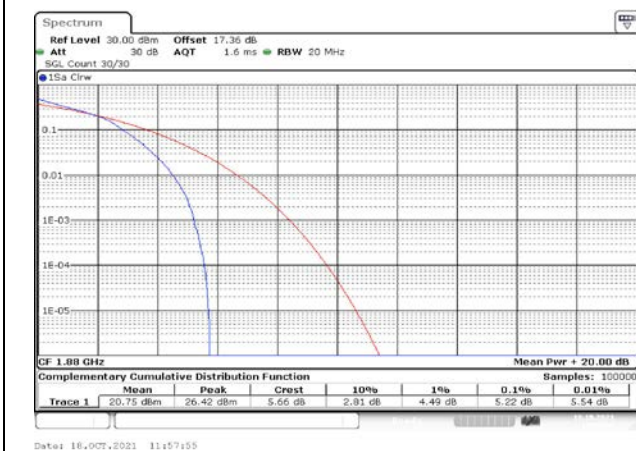


Fig.45

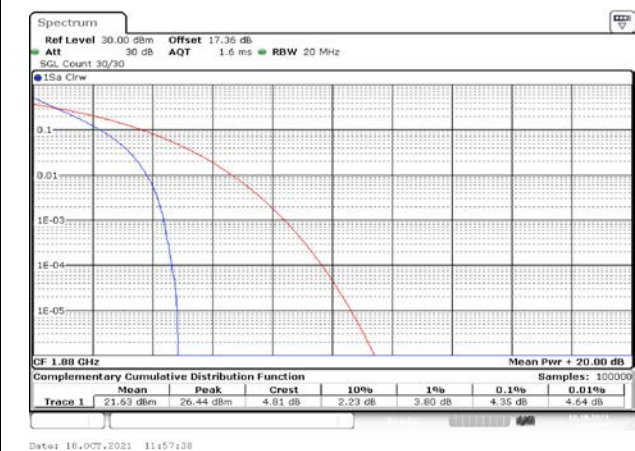


Fig.46

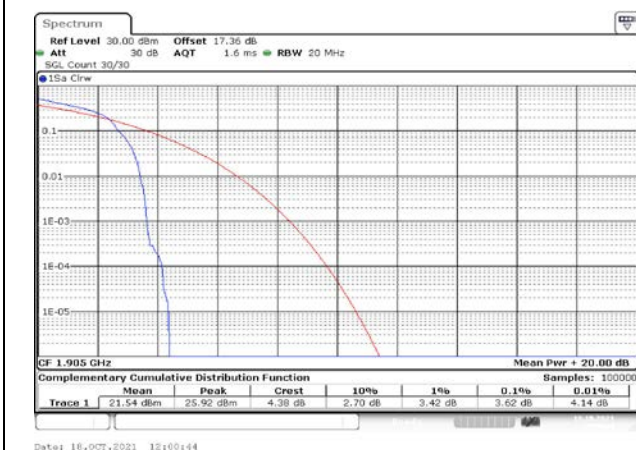


Fig.47

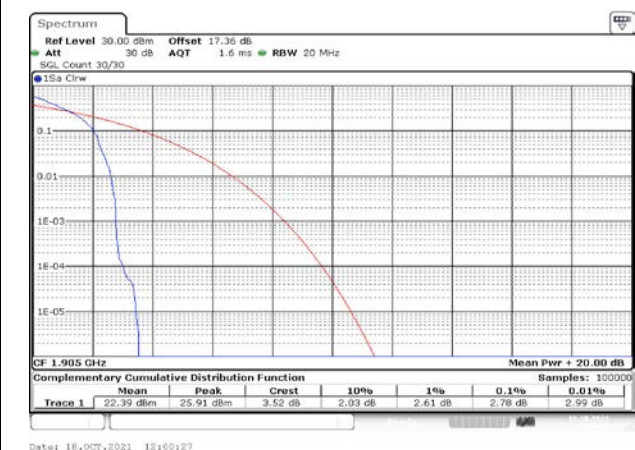


Fig.48

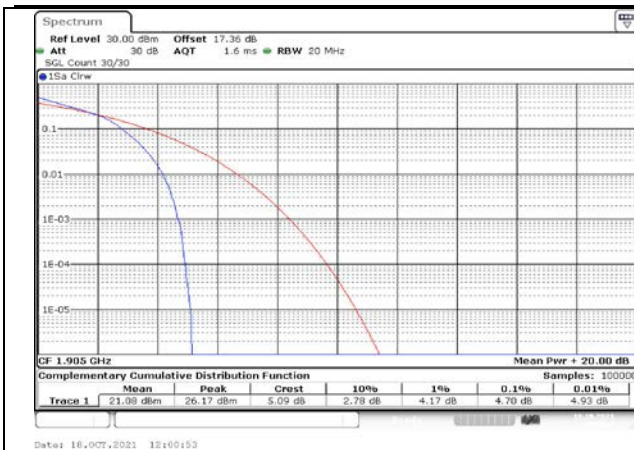


Fig.49

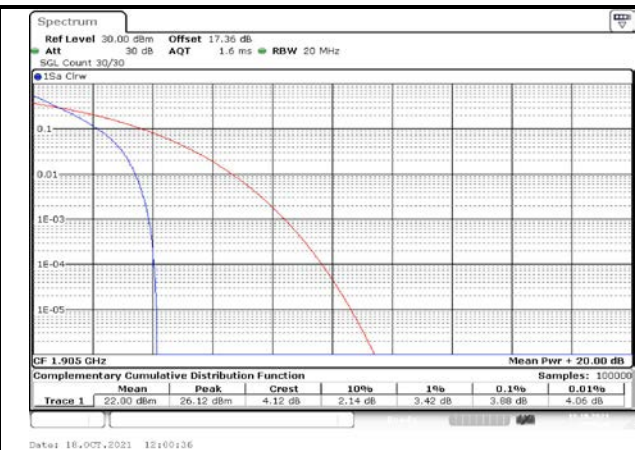


Fig.50

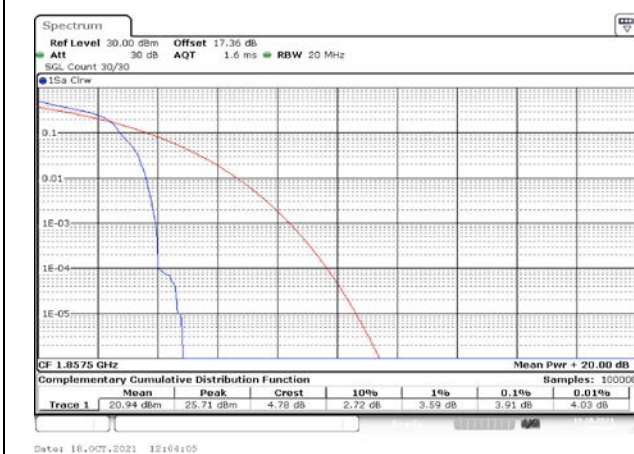


Fig.51

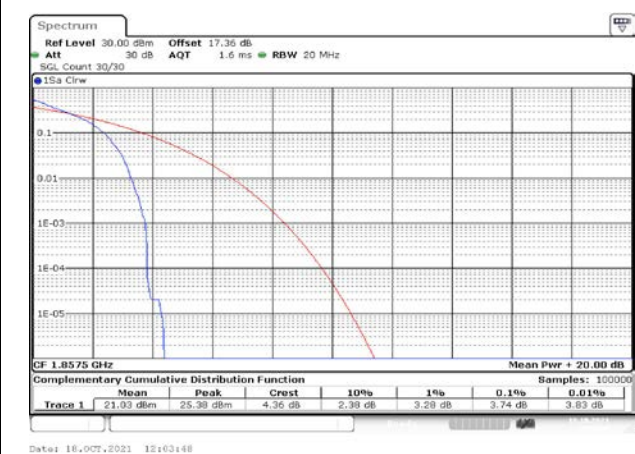


Fig.52

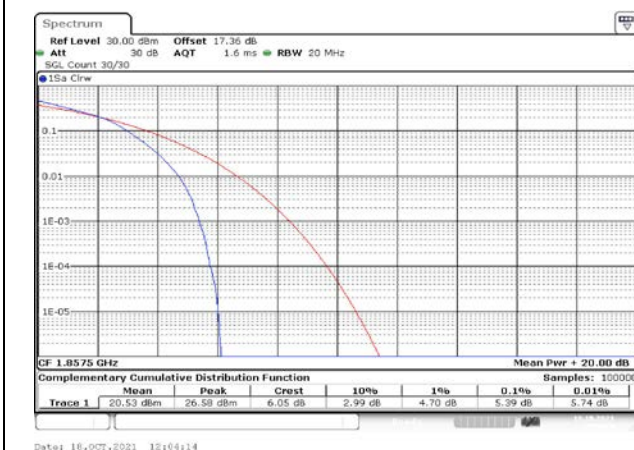


Fig.53

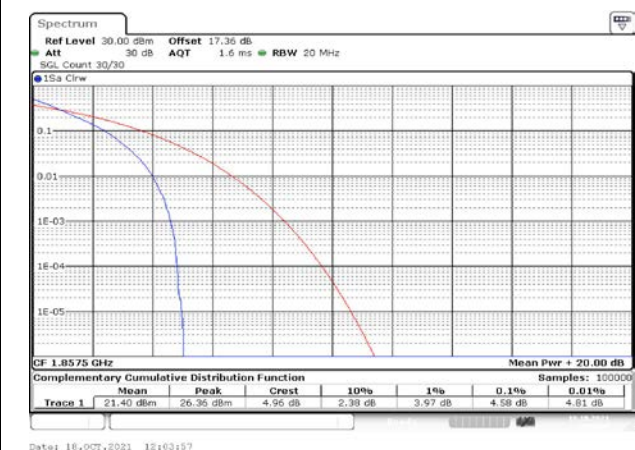


Fig.54

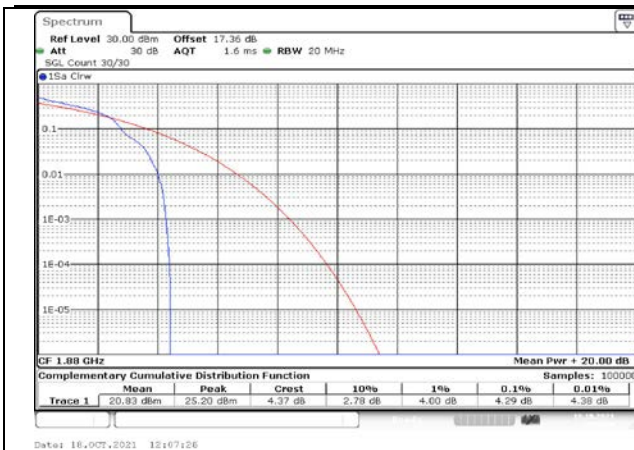


Fig.55

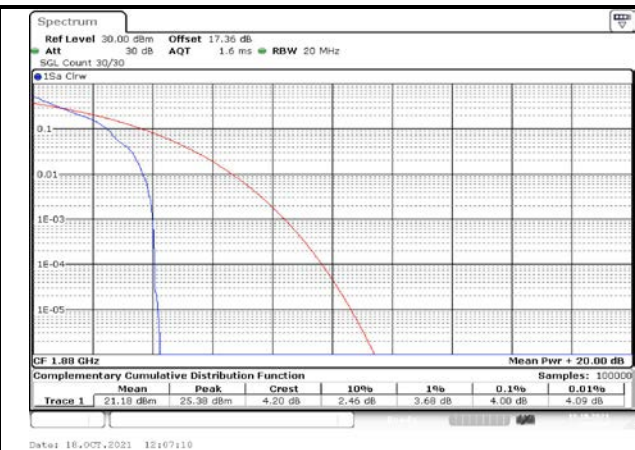


Fig.56

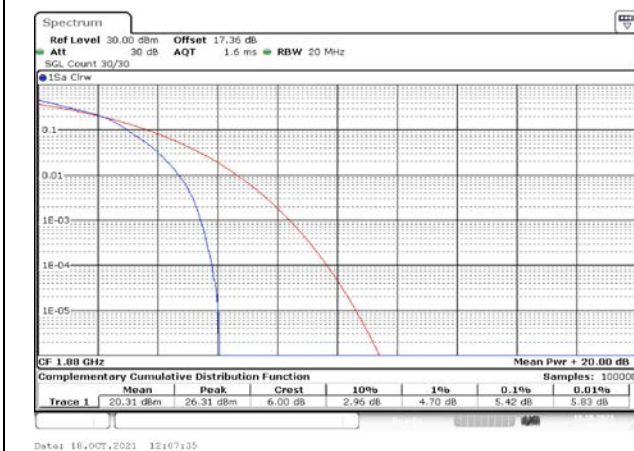


Fig.57

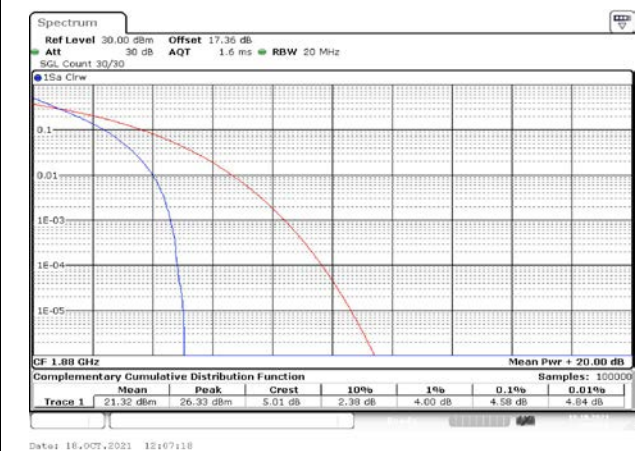


Fig.58

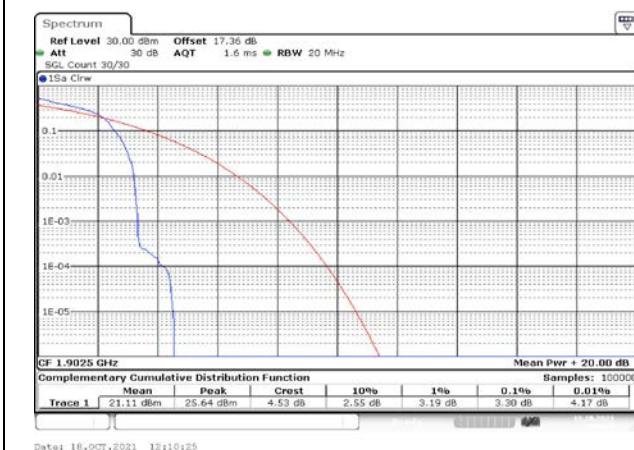


Fig.59

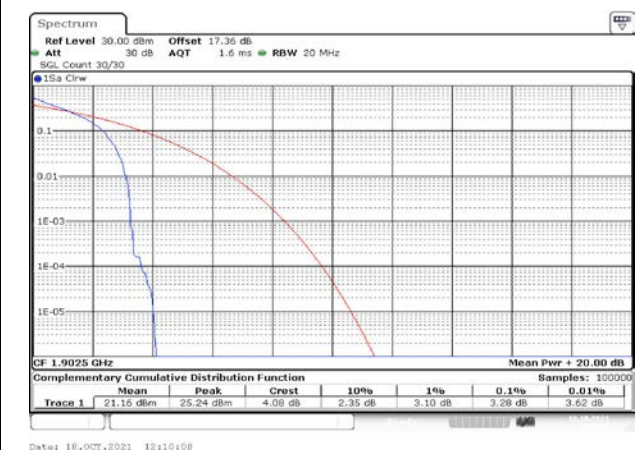


Fig.60

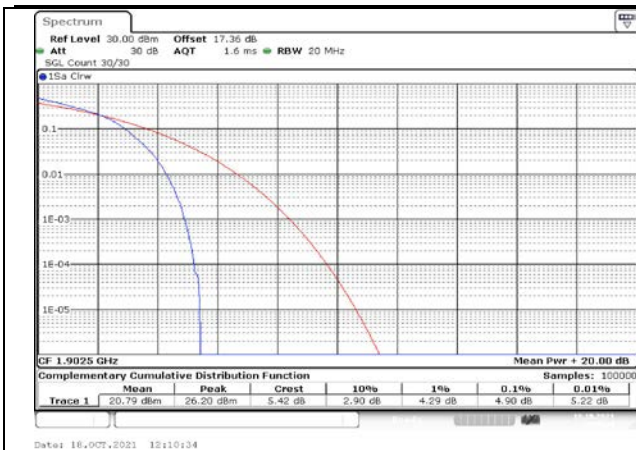


Fig.61

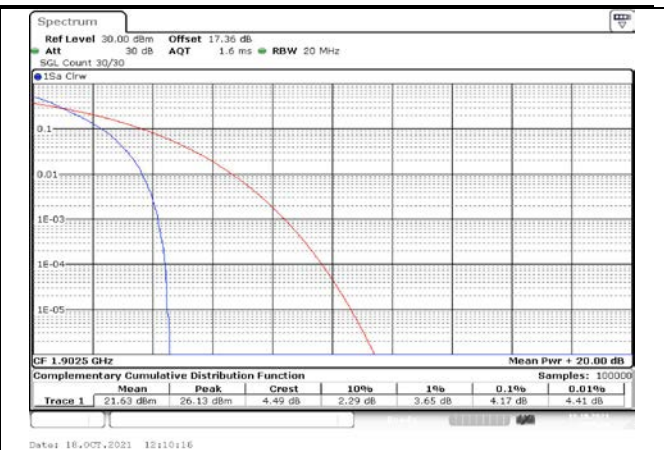


Fig.62

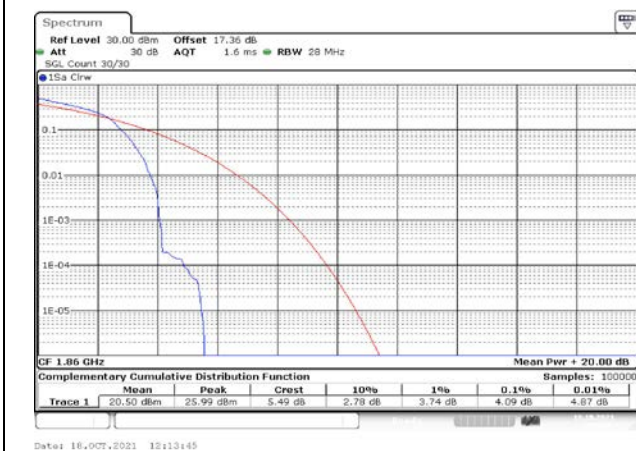


Fig.63

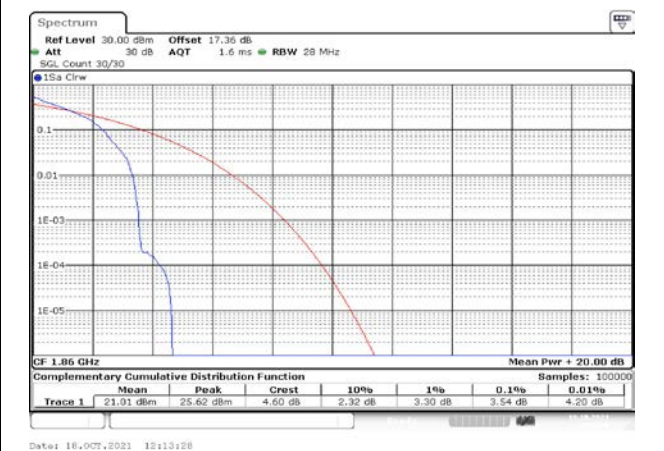


Fig.64

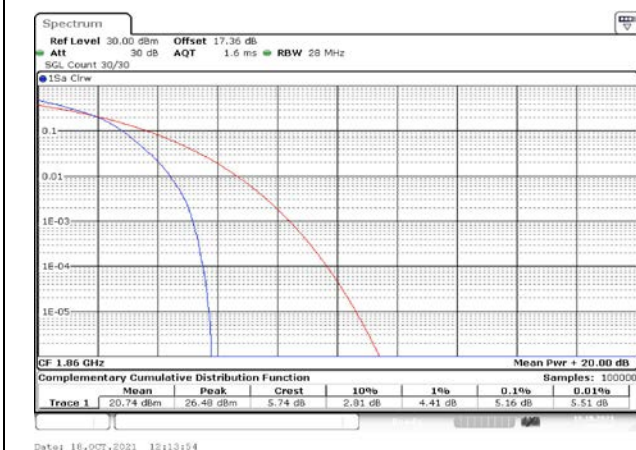


Fig.65

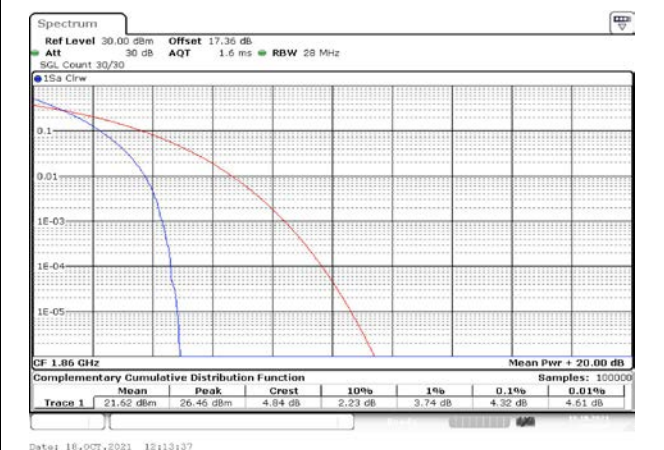


Fig.66

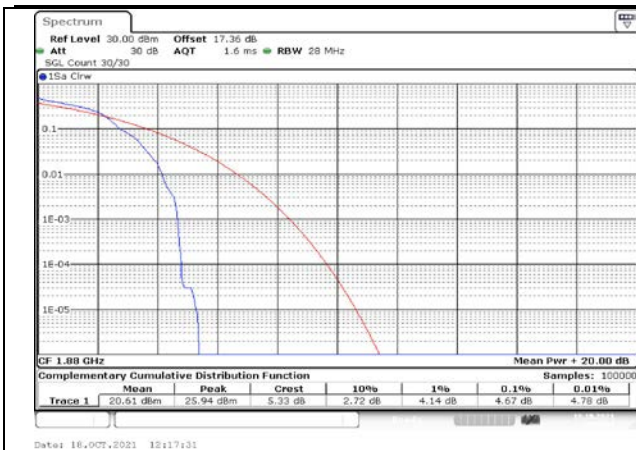


Fig.67

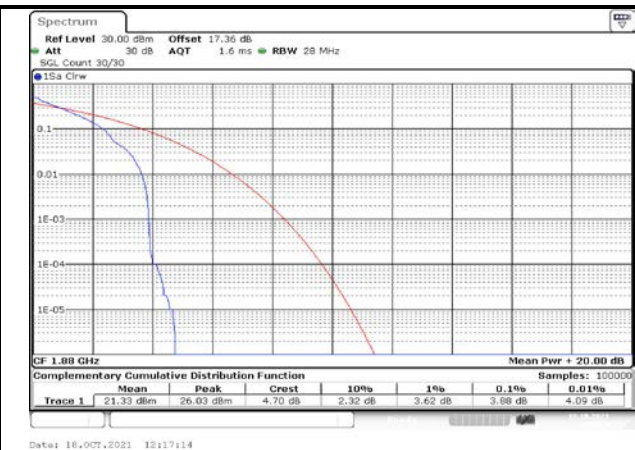


Fig.68

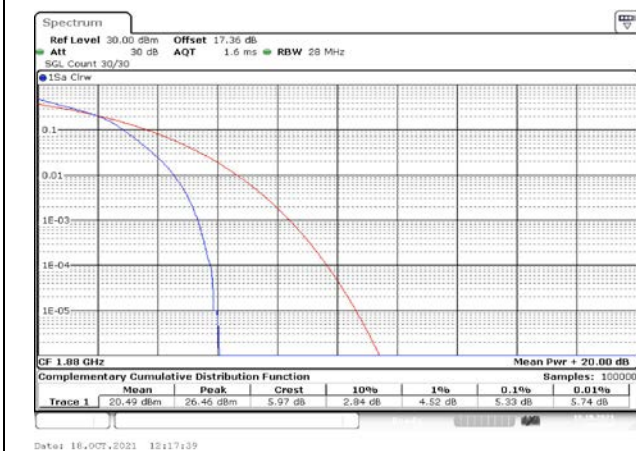


Fig.69

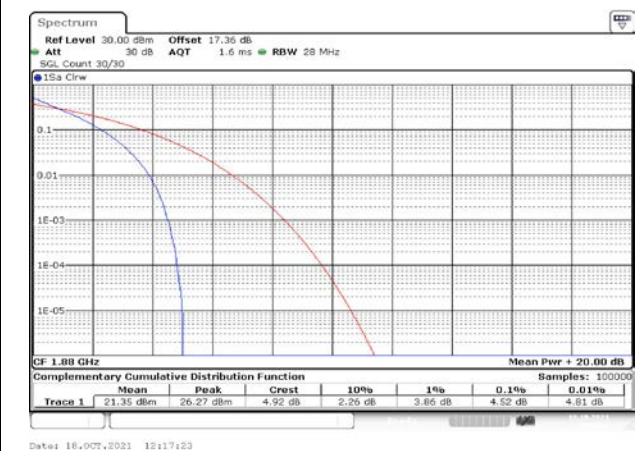


Fig.70

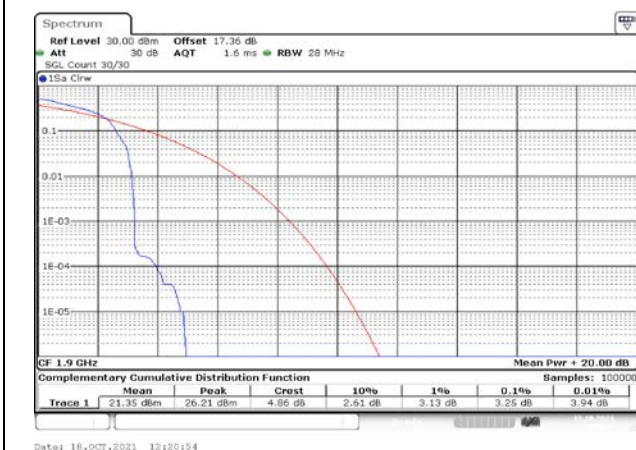


Fig.71

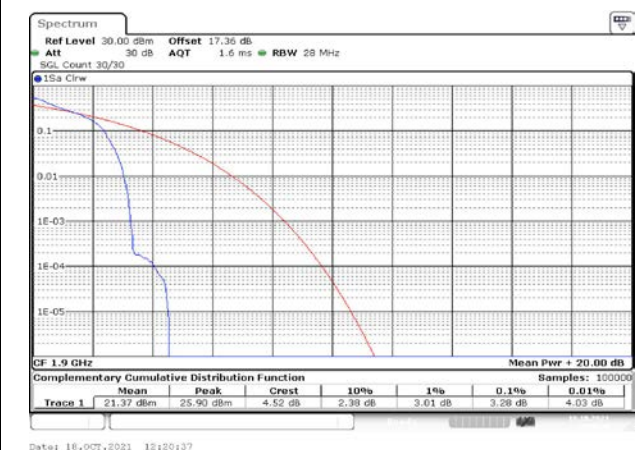


Fig.72

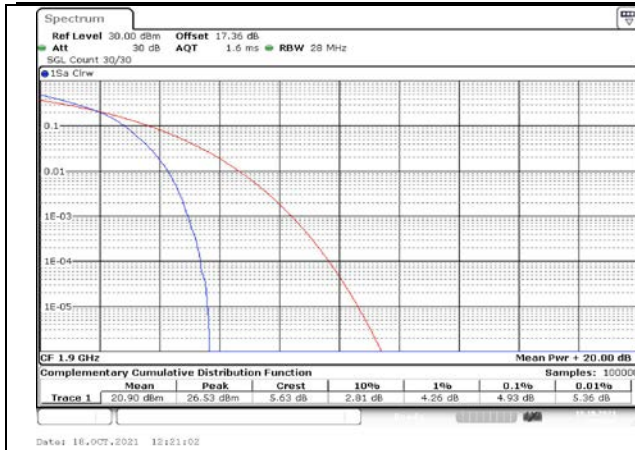


Fig.73

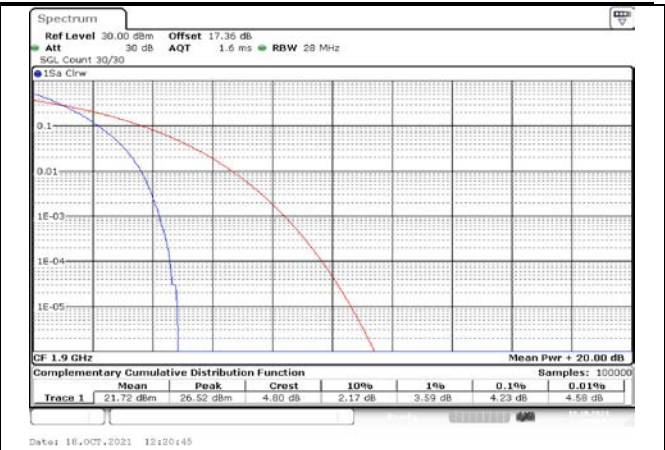


Fig.74

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
2	1860	18700	20	1	0	Fig.1
	1880	18900		1	0	Fig.2
	1900	19100		1	0	Fig.3

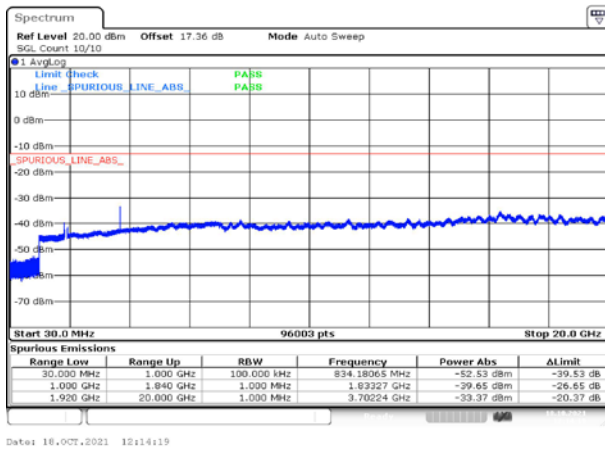


Fig.1

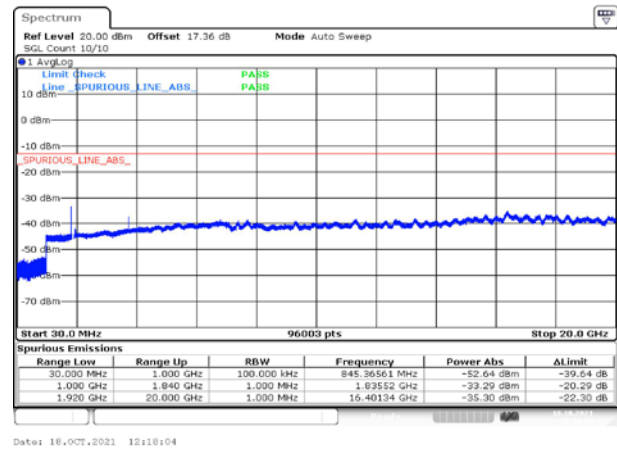


Fig.2

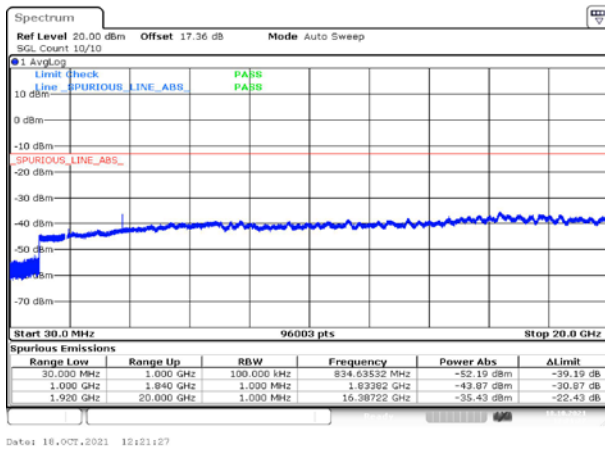


Fig.3

6 Band Edges Compliance

Band Edges Compliance						
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
2	1850.7	18607	1.4	1	0	Fig.1
				6	0	Fig.2
	1909.3	19193		1	5	Fig.3
				6	0	Fig.4
	1851.5	18615	3	1	0	Fig.5
				15	0	Fig.6
	1908.5	19185		1	14	Fig.7
				15	0	Fig.8
	1852.5	18625	5	1	0	Fig.9
				25	0	Fig.10
	1907.5	19175		1	24	Fig.11
				25	0	Fig.12
	1855	18650	10	1	0	Fig.13
				50	0	Fig.14
	1905	19150		1	49	Fig.15
				50	0	Fig.16
	1857.5	18675	15	1	0	Fig.17
				75	0	Fig.18
	1902.5	19125		1	74	Fig.19
				75	0	Fig.20
	1860	18700	20	1	0	Fig.21
				100	0	Fig.22
	1900	19100		1	99	Fig.23
				100	0	Fig.24

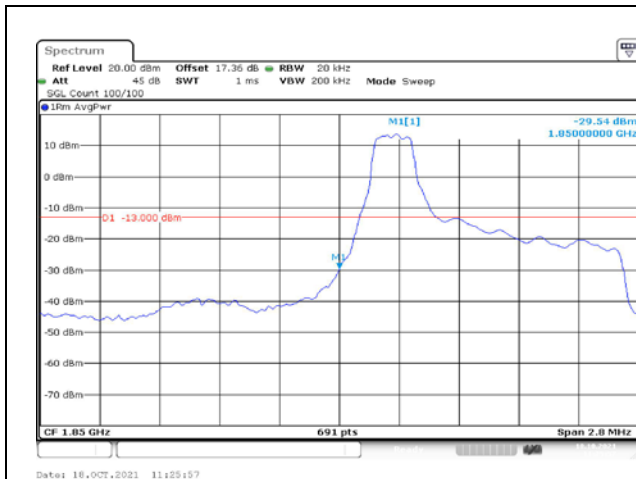


Fig.1

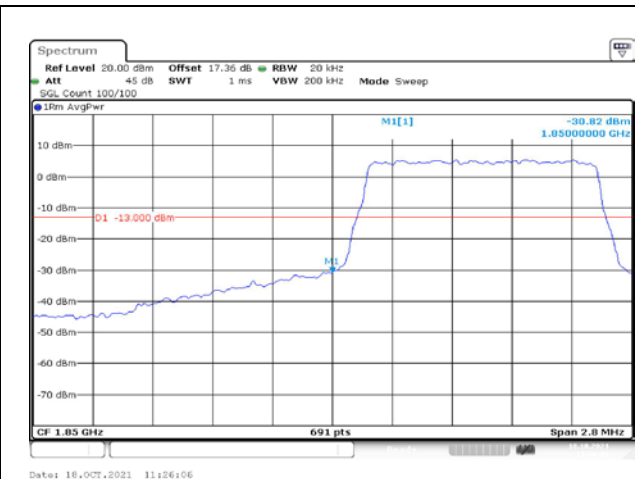


Fig.2

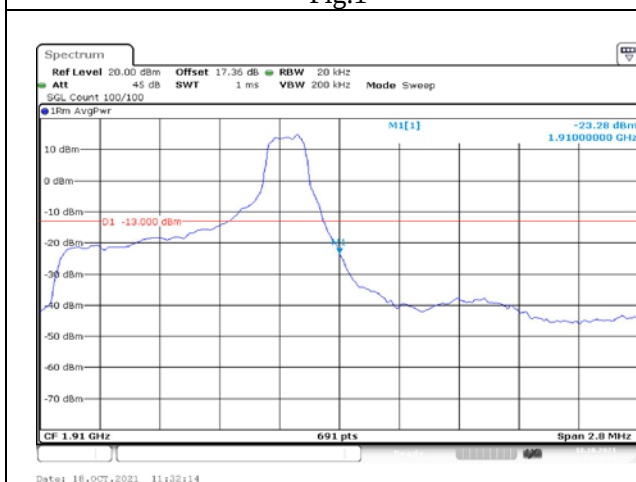


Fig.3

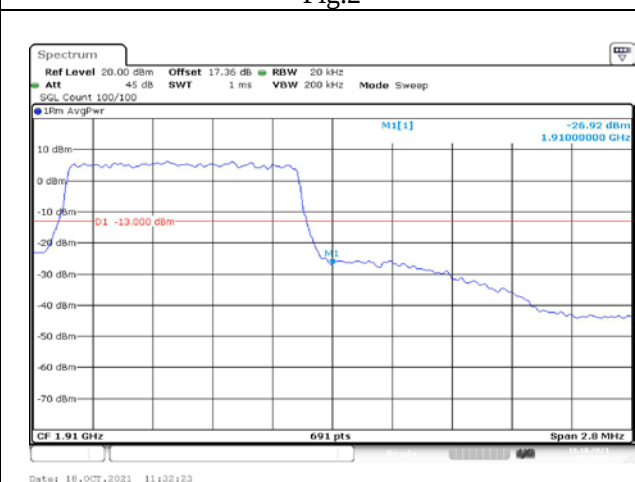


Fig.4

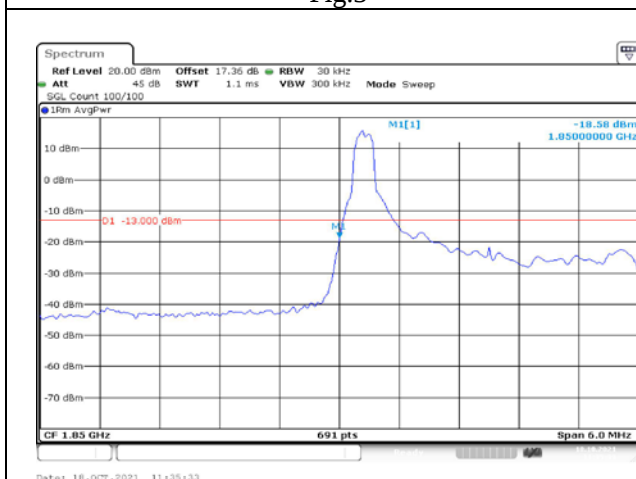


Fig.5

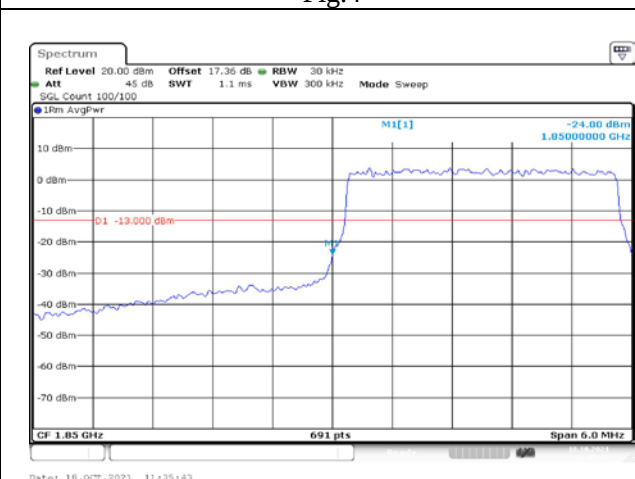
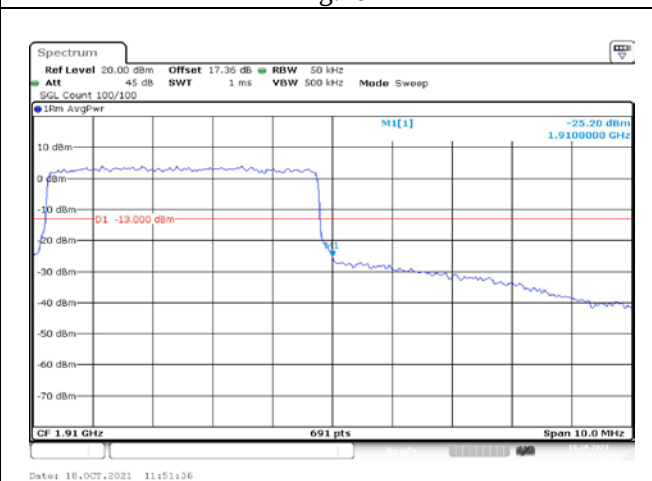
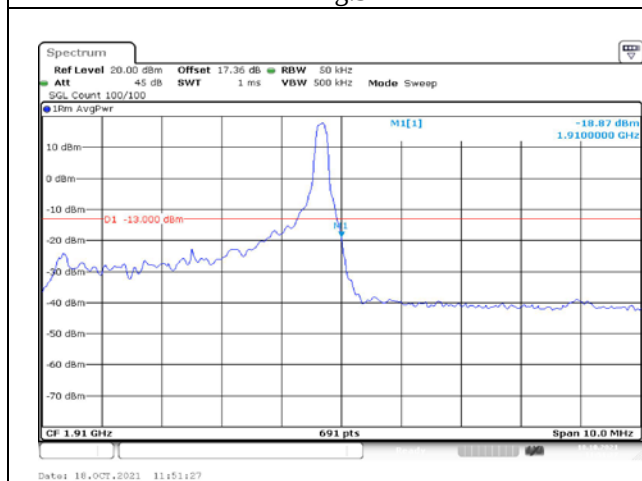
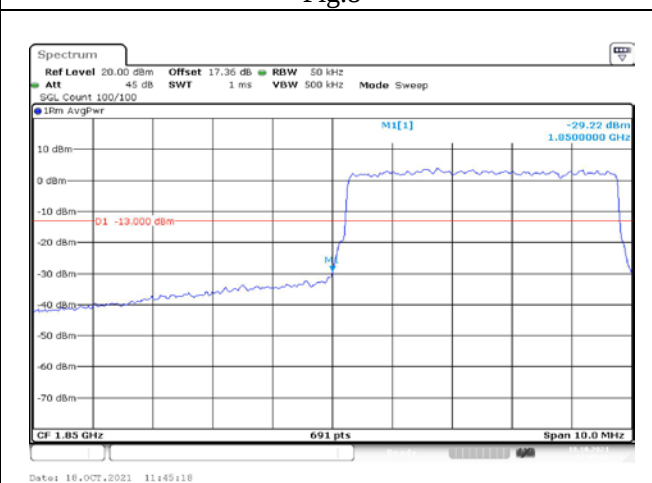
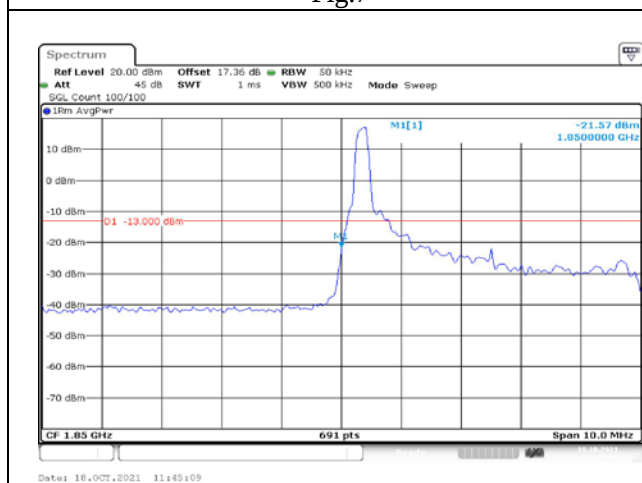
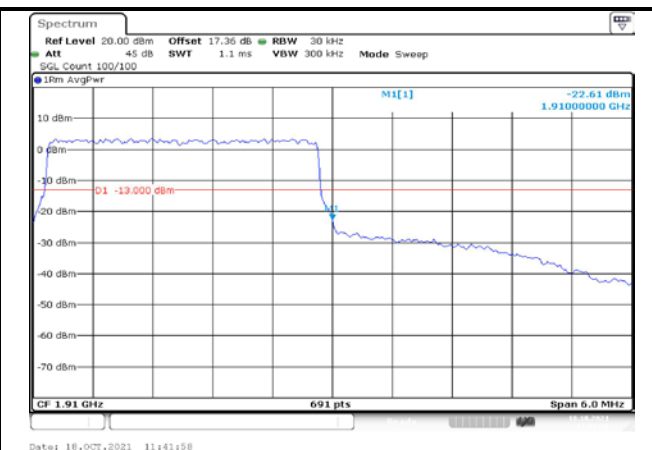
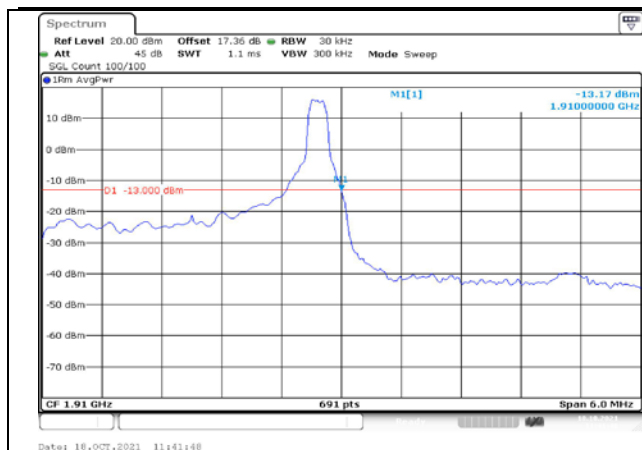
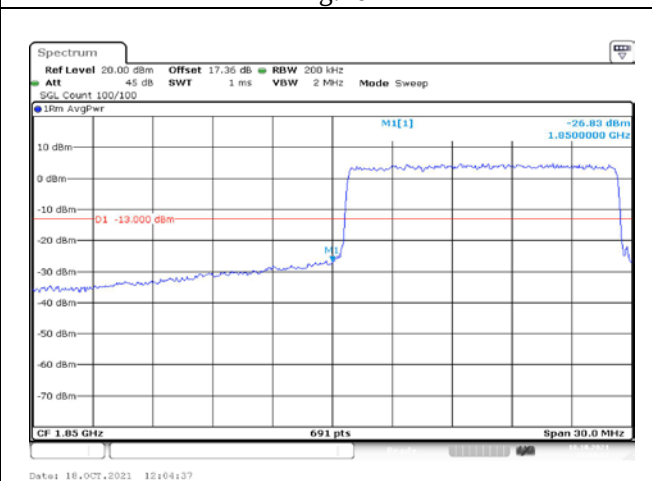
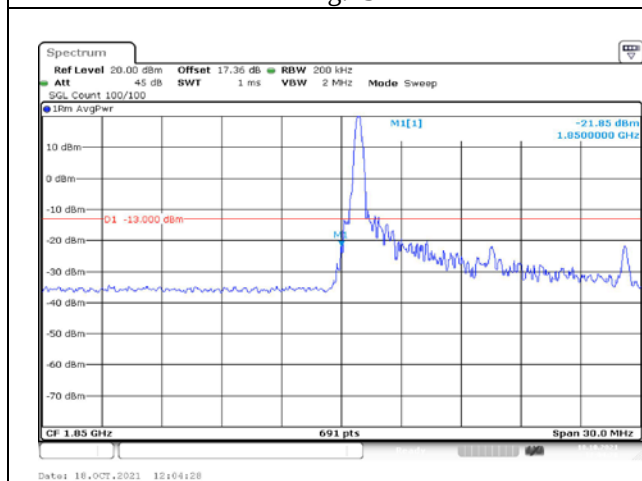
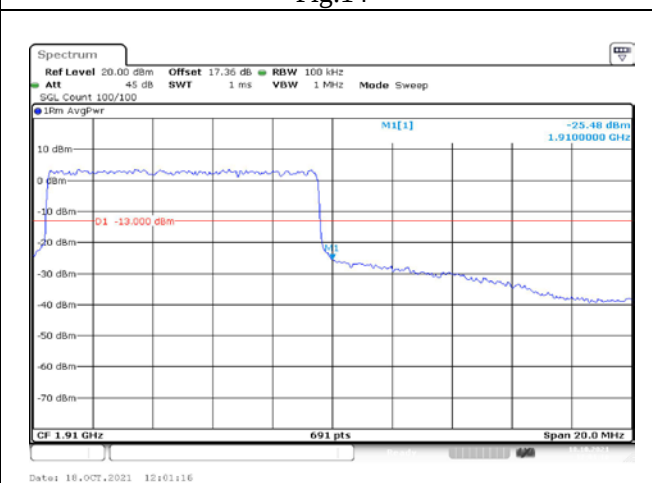
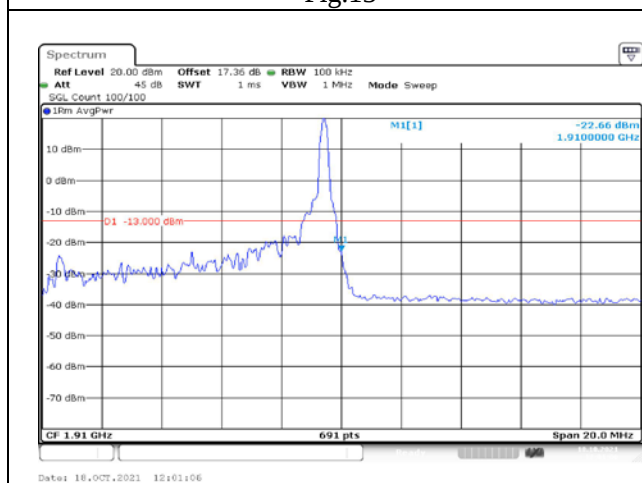
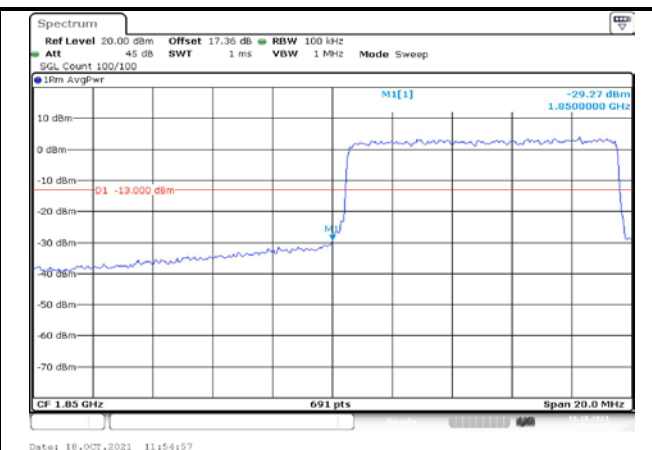
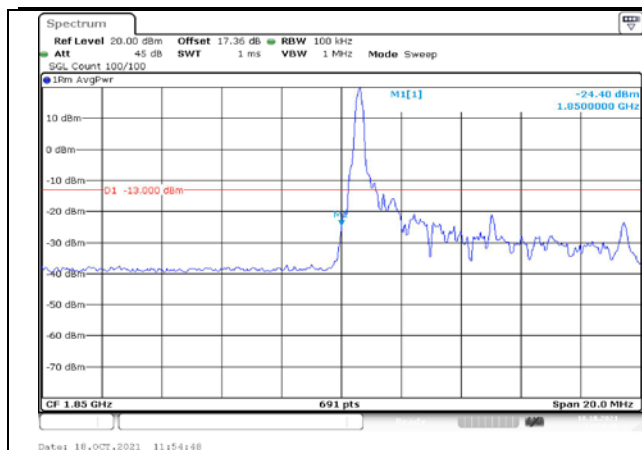


Fig.6





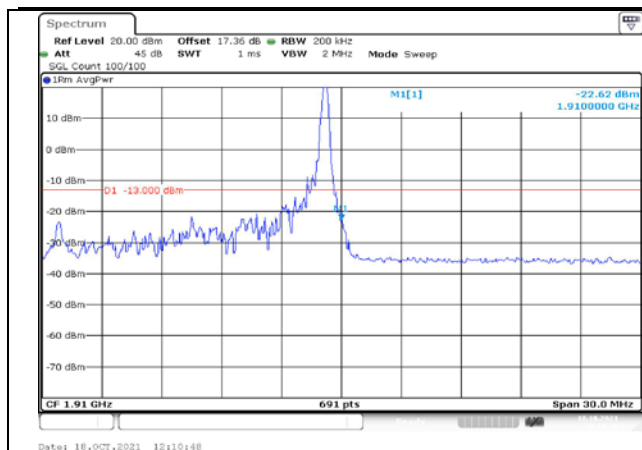


Fig.19

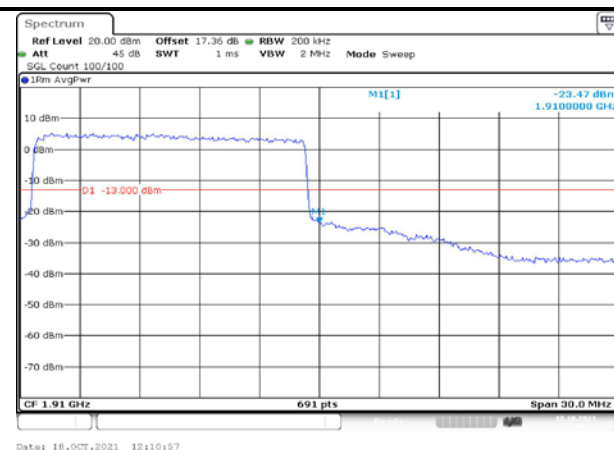


Fig.20

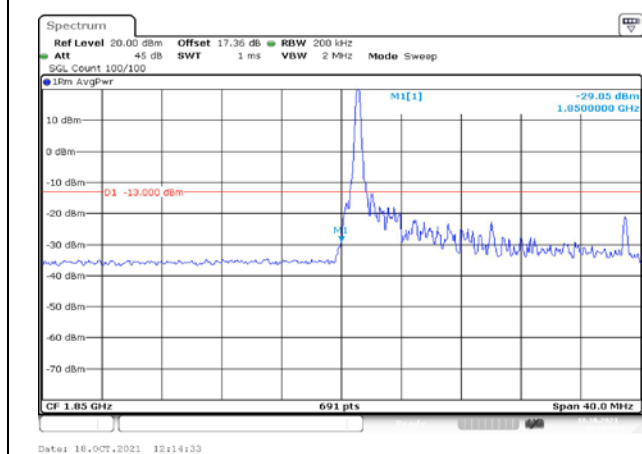


Fig.21

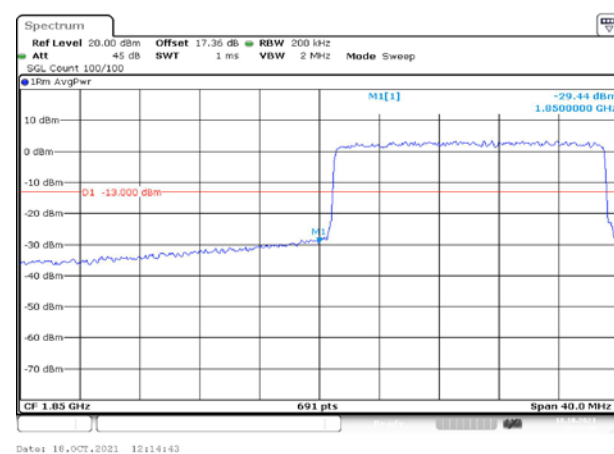


Fig.22

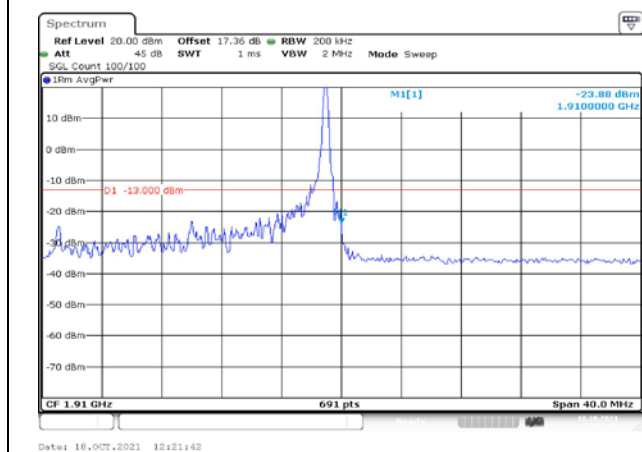


Fig.23

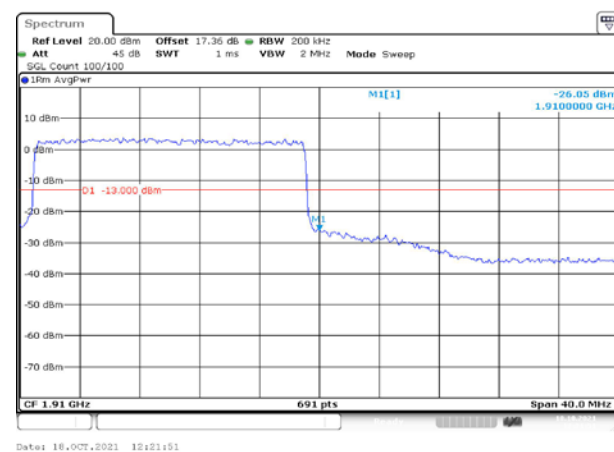


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	-0.043	0.018	0.042	0.050	0.036	-0.025
-20	NV	-0.016	0.030	0.023	-0.003	-0.049	0.048
-10	NV	-0.018	0.015	0.001	0.002	-0.013	0.051
0	NV	0.012	0.034	0.008	0.038	-0.036	-0.046
+10	NV	0.012	-0.035	0.048	0.039	0.013	0.020
+30	NV	0.015	0.033	0.033	-0.032	-0.001	0.022
+40	NV	-0.020	0.043	0.045	0.030	-0.044	0.009
+50	NV	0.032	-0.024	0.034	0.040	0.009	0.018
+20	LV	-0.013	-0.019	-0.004	-0.035	0.042	-0.049
+20	HV	0.046	-0.042	-0.027	-0.032	-0.050	0.045

Temperature(°C)	Voltage	Test Result (ppm) Band 2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	-0.014	-0.005	0.037	-0.036	0.033	-0.037
-20	NV	-0.031	0.008	0.031	0.000	0.005	0.033
-10	NV	-0.016	-0.034	0.033	-0.014	0.012	-0.044
0	NV	0.024	0.031	0.033	-0.019	0.011	0.045
+10	NV	-0.004	-0.006	0.037	-0.029	0.020	0.047
+30	NV	-0.037	-0.022	0.000	-0.014	-0.050	-0.014
+40	NV	-0.038	-0.009	0.046	0.042	0.024	-0.018
+50	NV	-0.017	-0.027	-0.020	0.035	0.036	0.004
+20	LV	0.012	0.015	-0.020	-0.023	0.014	0.040
+20	HV	-0.017	-0.036	0.034	0.029	-0.045	-0.021

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)
16QAM	1850.7	18607	1.4	1	0	23.02	21.42	0.139
				1	3	23.04	21.44	0.139
				1	5	23.06	21.46	0.140
				3	0	23.20	21.60	0.145
				3	1	23.22	21.62	0.145
				3	3	23.07	21.47	0.140
				6	0	22.05	20.45	0.111
	1880	18900		1	0	23.14	21.54	0.143
				1	3	23.10	21.50	0.141
				1	5	23.09	21.49	0.141
				3	0	22.68	21.08	0.128
				3	1	22.75	21.15	0.130
				3	3	22.68	21.08	0.128
				6	0	21.91	20.31	0.107
	1909.3	19193		1	0	23.09	21.49	0.141
				1	3	23.14	21.54	0.143
				1	5	23.07	21.47	0.140
				3	0	23.06	21.46	0.140
				3	1	23.09	21.49	0.141
				3	3	22.99	21.39	0.138
				6	0	22.27	20.67	0.117

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1850.7	18607	1.4	1	0	23.26	21.66	0.147
				1	3	23.27	21.67	0.147
				1	5	23.17	21.57	0.144
				3	0	23.32	21.72	0.149
				3	1	23.35	21.75	0.150
				3	3	23.42	21.82	0.152
				6	0	22.84	21.24	0.133
	1880	18900		1	0	23.29	21.69	0.148
				1	3	23.36	21.76	0.150
				1	5	23.38	21.78	0.151
				3	0	23.28	21.68	0.147
				3	1	23.32	21.72	0.149
				3	3	23.25	21.65	0.146
				6	0	22.62	21.02	0.126
	1909.3	19193		1	0	23.80	22.20	0.166
				1	3	23.74	22.14	0.164
				1	5	23.76	22.16	0.164
				3	0	23.63	22.03	0.160
				3	1	23.55	21.95	0.157
				3	3	23.61	22.01	0.159
				6	0	23.04	21.44	0.139

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1851.5	18615	3	1	0	22.97	21.37	0.137
				1	8	22.97	21.37	0.137
				1	14	22.98	21.38	0.137
				8	0	21.98	20.38	0.109
				8	4	21.95	20.35	0.108
				8	7	22.01	20.41	0.110
				15	0	22.02	20.42	0.110
	1880	18900		1	0	23.15	21.55	0.143
				1	8	23.13	21.53	0.142
				1	14	23.10	21.50	0.141
				8	0	21.76	20.16	0.104
				8	4	21.80	20.20	0.105
				8	7	21.76	20.16	0.104
				15	0	21.80	20.20	0.105
	1908.5	19185		1	0	23.06	21.46	0.140
				1	8	23.06	21.46	0.140
				1	14	23.09	21.49	0.141
				8	0	22.08	20.48	0.112
				8	4	22.09	20.49	0.112
				8	7	22.13	20.53	0.113
				15	0	22.22	20.62	0.115

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	23.33	21.73	0.149
				1	8	23.31	21.71	0.148
				1	14	23.31	21.71	0.148
				8	0	22.79	21.19	0.132
				8	4	22.87	21.27	0.134
				8	7	22.83	21.23	0.133
				15	0	22.82	21.22	0.132
	1880	18900		1	0	23.40	21.80	0.151
				1	8	23.36	21.76	0.150
				1	14	23.37	21.77	0.150
				8	0	22.81	21.21	0.132
				8	4	22.70	21.10	0.129
				8	7	22.66	21.06	0.128
				15	0	22.66	21.06	0.128
	1908.5	19185		1	0	23.82	22.22	0.167
				1	8	23.79	22.19	0.166
				1	14	23.78	22.18	0.165
				8	0	23.03	21.43	0.139
				8	4	23.01	21.41	0.138
				8	7	22.99	21.39	0.138
				15	0	23.05	21.45	0.140

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1852.5	18625	5	1	0	22.50	20.90	0.123
				1	12	22.44	20.84	0.121
				1	24	22.43	20.83	0.121
				12	0	21.89	20.29	0.107
				12	7	21.87	20.27	0.106
				12	13	21.99	20.39	0.109
				25	0	22.05	20.45	0.111
	1880	18900		1	0	22.83	21.23	0.133
				1	12	22.76	21.16	0.131
				1	24	22.78	21.18	0.131
				12	0	21.51	19.91	0.098
				12	7	21.64	20.04	0.101
				12	13	21.64	20.04	0.101
				25	0	21.78	20.18	0.104
	1907.5	19175		1	0	23.37	21.77	0.150
				1	12	23.25	21.65	0.146
				1	24	23.33	21.73	0.149
				12	0	22.03	20.43	0.110
				12	7	22.03	20.43	0.110
				12	13	22.03	20.43	0.110
				25	0	22.15	20.55	0.114

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	23.50	21.90	0.155
				1	12	23.47	21.87	0.154
				1	24	23.45	21.85	0.153
				12	0	22.86	21.26	0.134
				12	7	22.85	21.25	0.133
				12	13	22.85	21.25	0.133
				25	0	22.82	21.22	0.132
	1880	18900		1	0	23.07	21.47	0.140
				1	12	23.07	21.47	0.140
				1	24	23.10	21.50	0.141
				12	0	22.76	21.16	0.131
				12	7	22.66	21.06	0.128
				12	13	22.74	21.14	0.130
				25	0	22.75	21.15	0.130
	1907.5	19175		1	0	23.59	21.99	0.158
				1	12	23.59	21.99	0.158
				1	24	23.59	21.99	0.158
				12	0	23.11	21.51	0.142
				12	7	23.10	21.50	0.141
				12	13	23.15	21.55	0.143
				25	0	23.05	21.45	0.140

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1855	18650	10	1	0	23.93	22.33	0.171
				1	25	23.77	22.17	0.165
				1	49	23.64	22.04	0.160
				25	0	22.01	20.41	0.110
				25	12	22.07	20.47	0.111
				25	25	21.98	20.38	0.109
				50	0	21.97	20.37	0.109
	1880	18900		1	0	23.19	21.59	0.144
				1	25	23.19	21.59	0.144
				1	49	23.19	21.59	0.144
				25	0	21.92	20.32	0.108
				25	12	21.81	20.21	0.105
				25	25	21.92	20.32	0.108
				50	0	21.83	20.23	0.105
	1905	19150		1	0	23.25	21.65	0.146
				1	25	23.33	21.73	0.149
				1	49	23.29	21.69	0.148
				25	0	22.29	20.69	0.117
				25	12	22.33	20.73	0.118
				25	25	22.36	20.76	0.119
				50	0	22.23	20.63	0.116

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1855	18650	10	1	0	23.46	21.86	0.153
				1	25	23.43	21.83	0.152
				1	49	23.39	21.79	0.151
				25	0	22.96	21.36	0.137
				25	12	22.78	21.18	0.131
				25	25	22.91	21.31	0.135
				50	0	22.87	21.27	0.134
	1880	18900		1	0	23.48	21.88	0.154
				1	25	23.37	21.77	0.150
				1	49	23.40	21.80	0.151
				25	0	22.76	21.16	0.131
				25	12	22.72	21.12	0.129
				25	25	22.79	21.19	0.132
				50	0	22.65	21.05	0.127
	1905	19150		1	0	23.46	21.86	0.153
				1	25	23.54	21.94	0.156
				1	49	23.55	21.95	0.157
				25	0	23.06	21.46	0.140
				25	12	23.09	21.49	0.141
				25	25	23.03	21.43	0.139
				50	0	23.09	21.49	0.141

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1857.5	18675	15	1	0	23.82	22.22	0.167
				1	37	23.74	22.14	0.164
				1	74	23.55	21.95	0.157
				36	0	21.96	20.36	0.109
				36	29	21.95	20.35	0.108
				36	30	21.95	20.35	0.108
				75	0	22.02	20.42	0.110
	1880	18900		1	0	23.22	21.62	0.145
				1	37	23.18	21.58	0.144
				1	74	23.21	21.61	0.145
				36	0	21.85	20.25	0.106
				36	29	21.87	20.27	0.106
				36	30	21.88	20.28	0.107
				75	0	21.81	20.21	0.105
	1902.5	19125		1	0	23.26	21.66	0.147
				1	37	23.32	21.72	0.149
				1	74	23.45	21.85	0.153
				36	0	21.99	20.39	0.109
				36	29	22.14	20.54	0.113
				36	30	22.13	20.53	0.113
				75	0	22.12	20.52	0.113

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	18675	15	1	0	23.52	21.92	0.156
				1	37	23.37	21.77	0.150
				1	74	23.25	21.65	0.146
				36	0	22.87	21.27	0.134
				36	29	22.75	21.15	0.130
				36	30	22.75	21.15	0.130
				75	0	22.81	21.21	0.132
	1880	18900		1	0	23.36	21.76	0.150
				1	37	23.40	21.80	0.151
				1	74	23.46	21.86	0.153
				36	0	22.66	21.06	0.128
				36	29	22.69	21.09	0.129
				36	30	22.69	21.09	0.129
				75	0	22.68	21.08	0.128
	1902.5	19125		1	0	23.13	21.53	0.142
				1	37	23.34	21.74	0.149
				1	74	23.30	21.70	0.148
				36	0	22.97	21.37	0.137
				36	29	23.08	21.48	0.141
				36	30	23.07	21.47	0.140
				75	0	22.95	21.35	0.136

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1860	18700	20	1	0	23.54	21.94	0.156
				1	49	23.35	21.75	0.150
				1	99	23.23	21.63	0.146
				50	0	22.06	20.46	0.111
				50	24	22.01	20.41	0.110
				50	50	21.89	20.29	0.107
				100	0	21.97	20.37	0.109
	1880	18900		1	0	22.75	21.15	0.130
				1	49	22.74	21.14	0.130
				1	99	22.92	21.32	0.136
				50	0	21.91	20.31	0.107
				50	24	21.94	20.34	0.108
				50	50	21.88	20.28	0.107
				100	0	21.77	20.17	0.104
	1900	19100		1	0	23.22	21.62	0.145
				1	49	23.28	21.68	0.147
				1	99	23.40	21.80	0.151
				50	0	22.02	20.42	0.110
				50	24	22.01	20.41	0.110
				50	50	22.09	20.49	0.112
				100	0	22.15	20.55	0.114

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	23.44	21.84	0.153
				1	49	23.32	21.72	0.149
				1	99	23.25	21.65	0.146
				50	0	22.91	21.31	0.135
				50	24	22.93	21.33	0.136
				50	50	22.71	21.11	0.129
				100	0	22.91	21.31	0.135
	1880	18900		1	0	23.24	21.64	0.146
				1	49	23.35	21.75	0.150
				1	99	23.42	21.82	0.152
				50	0	22.86	21.26	0.134
				50	24	22.68	21.08	0.128
				50	50	22.84	21.24	0.133
				100	0	22.82	21.22	0.132
	1900	19100		1	0	23.36	21.76	0.150
				1	49	23.42	21.82	0.152
				1	99	23.53	21.93	0.156
				50	0	22.97	21.37	0.137
				50	24	23.04	21.44	0.139
				50	50	22.99	21.39	0.138
				100	0	23.00	21.40	0.138