

Fig.85

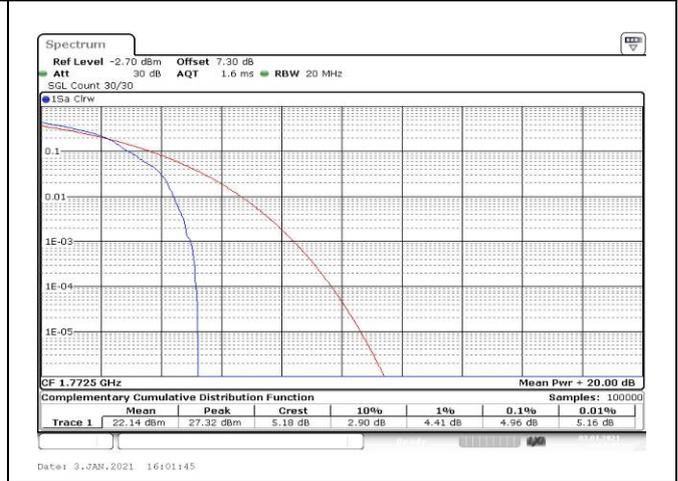


Fig.86

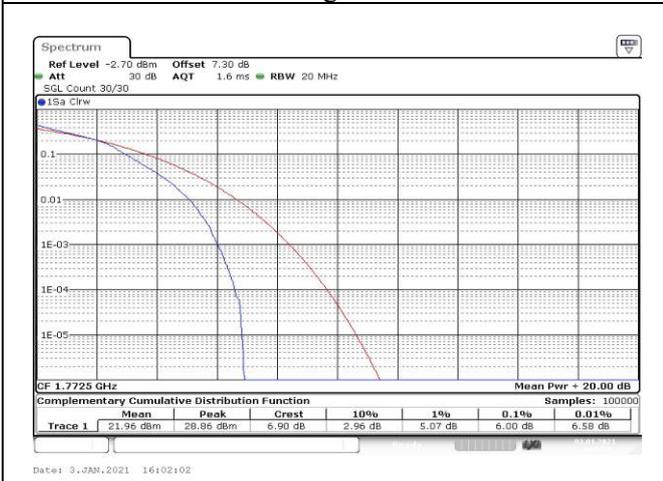


Fig.87

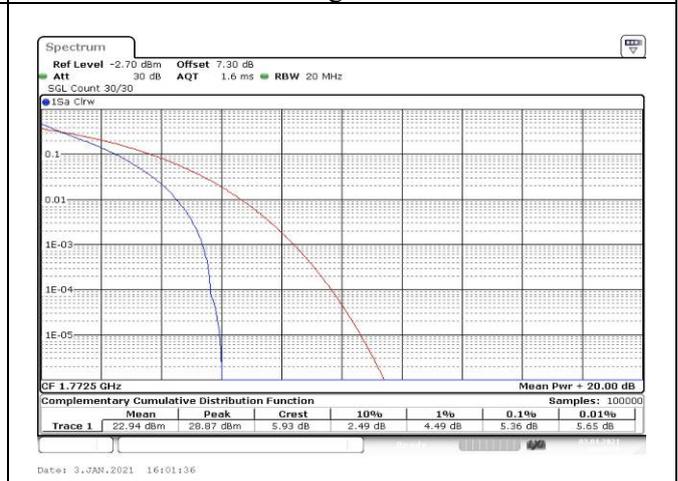


Fig.88

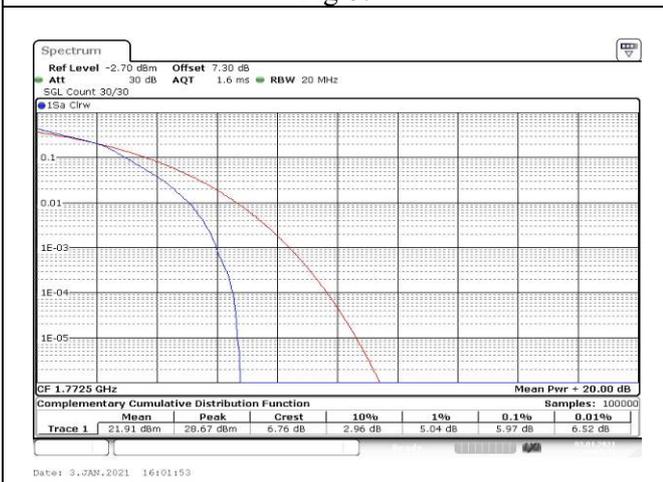


Fig.89



Fig.90

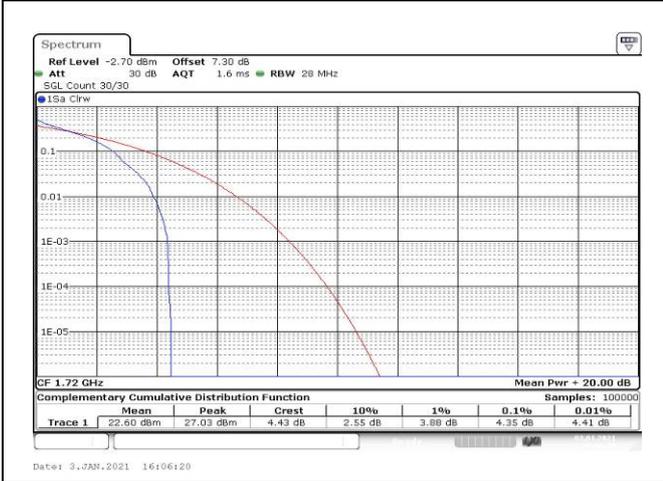


Fig.91

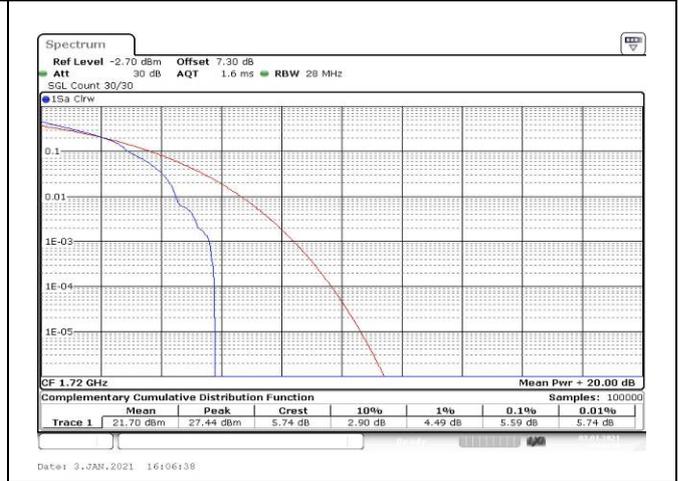


Fig.92

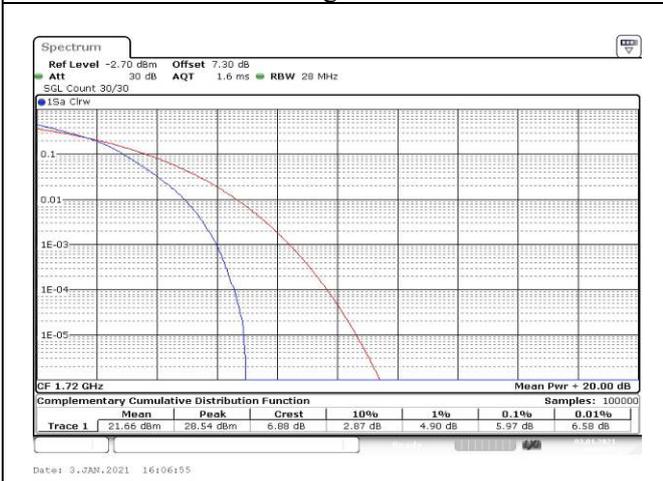


Fig.93

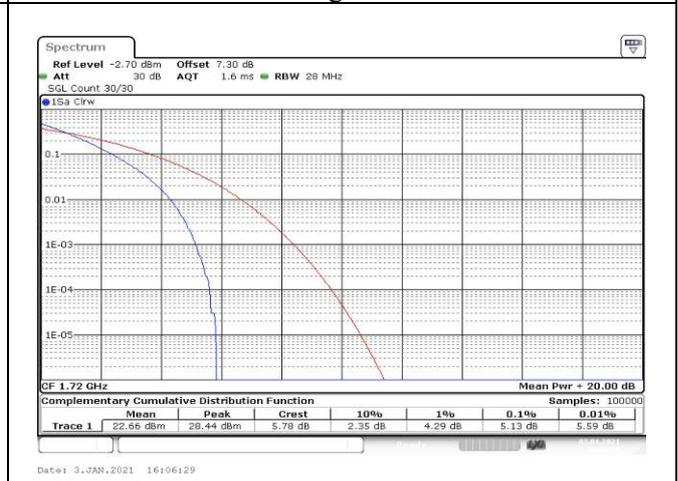


Fig.94

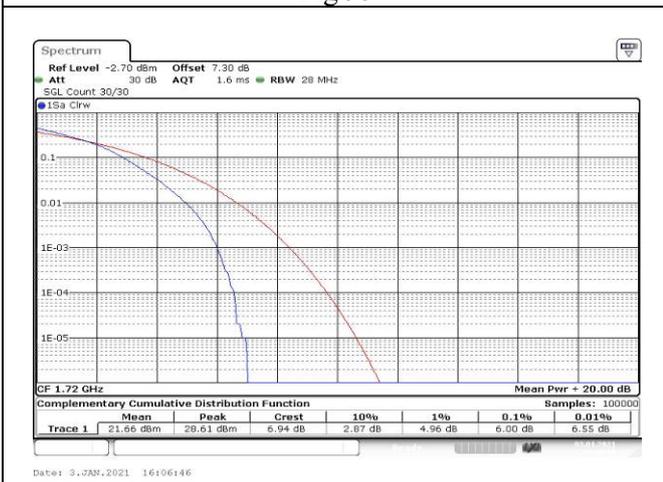


Fig.95

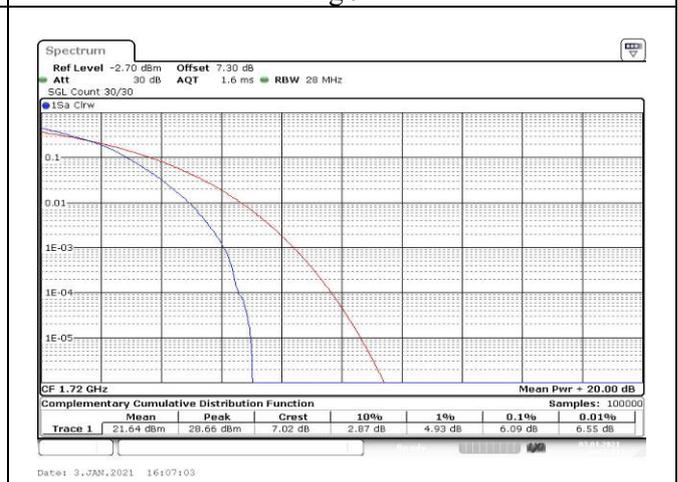


Fig.96

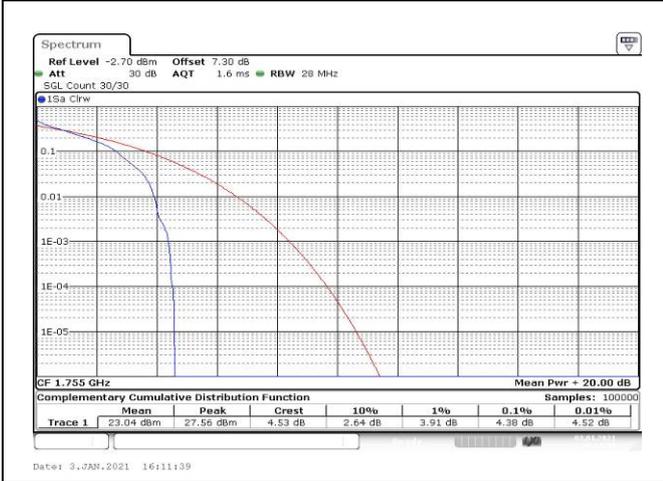


Fig.97

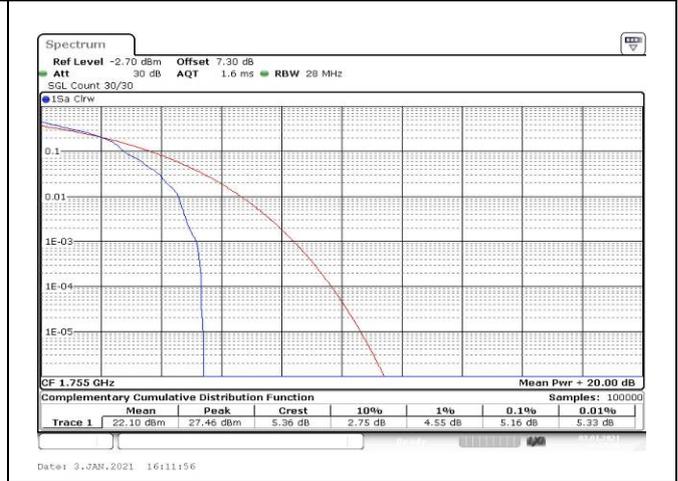


Fig.98

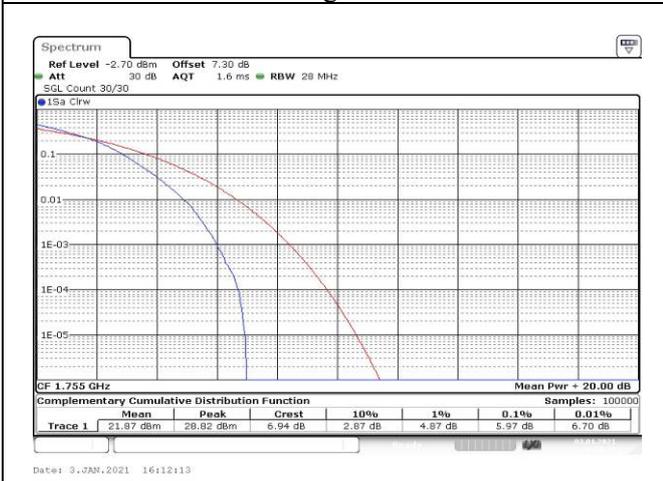


Fig.99

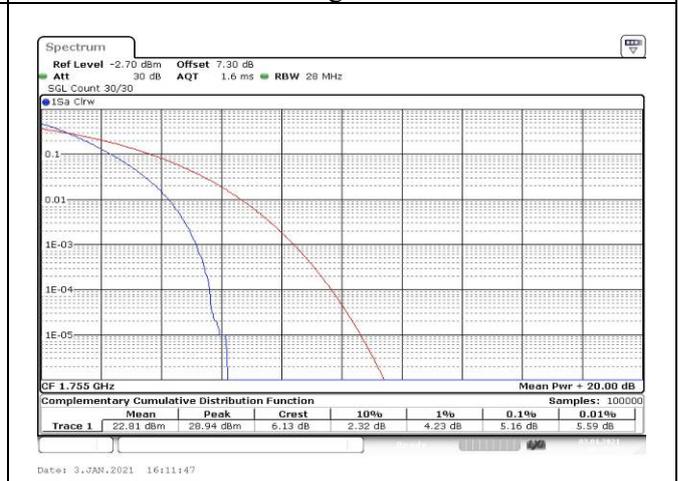


Fig.100

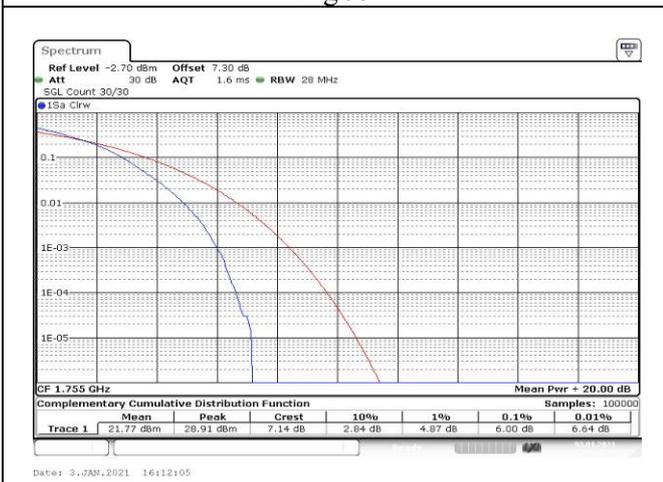


Fig.101

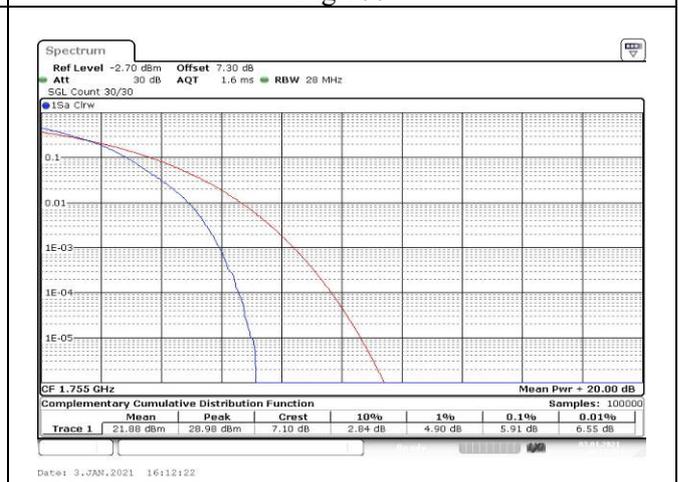


Fig.102

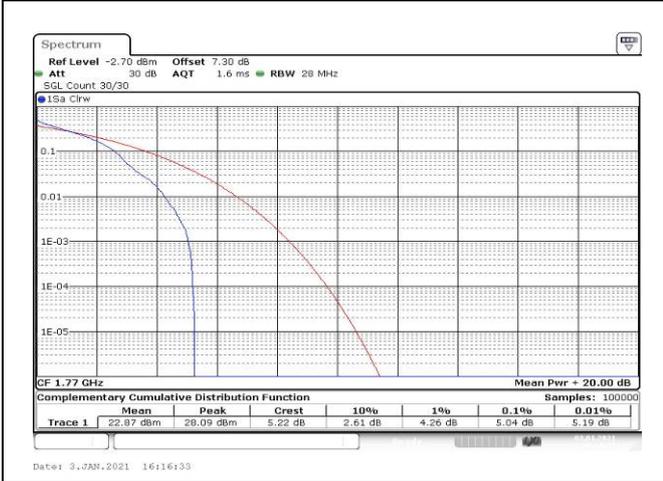


Fig.103

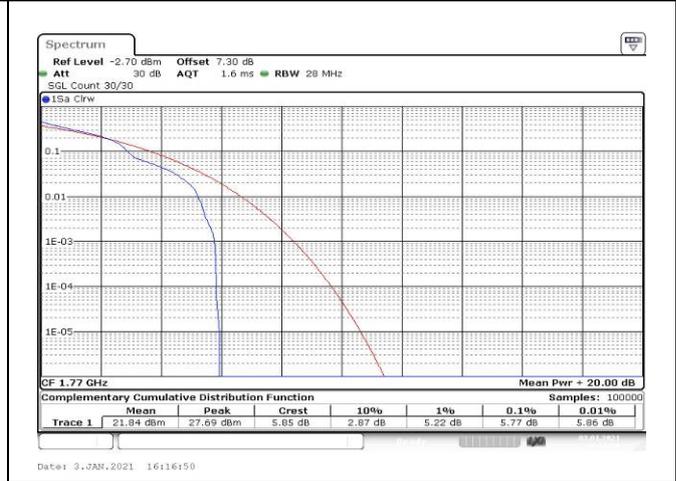


Fig.104

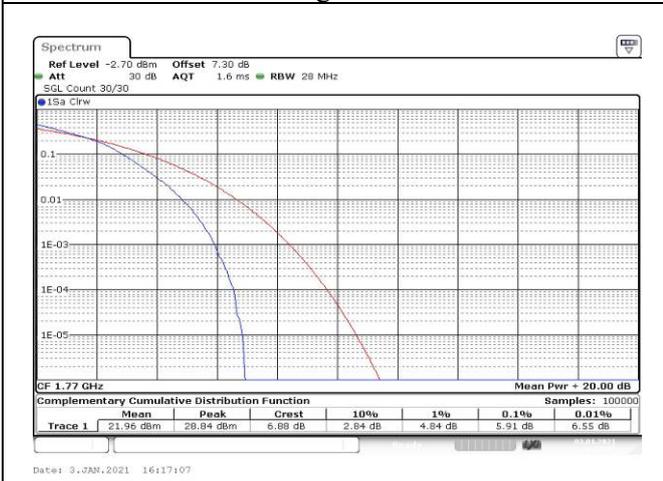


Fig.105

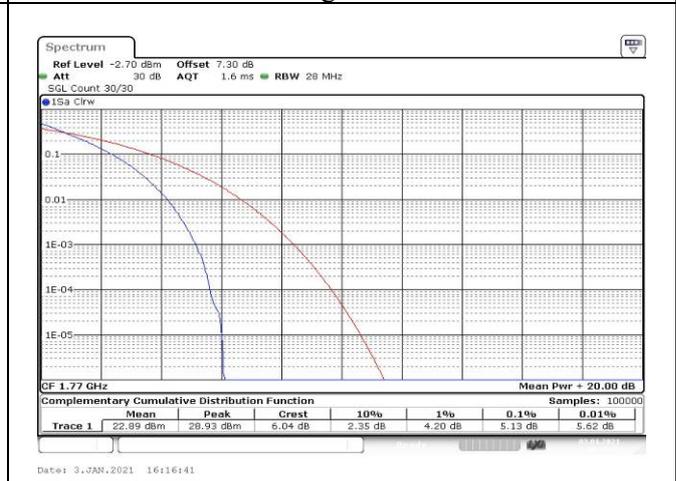


Fig.106

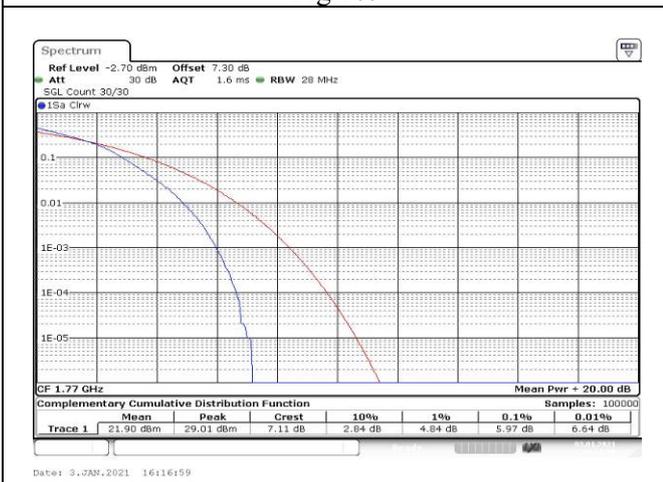


Fig.107

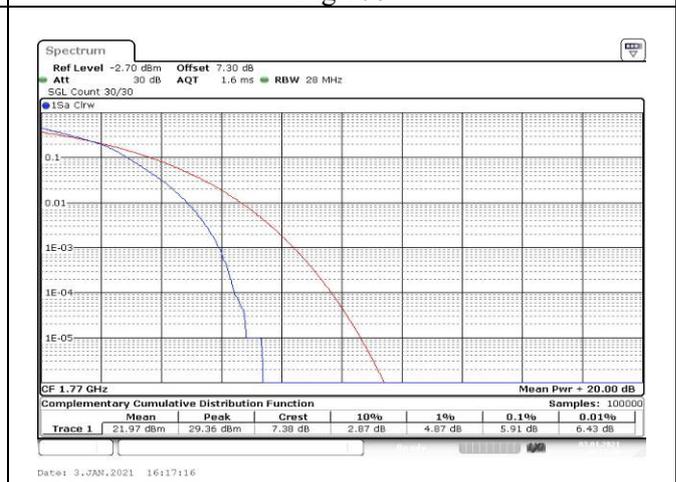


Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
66	1720	132072	20	1	0	Fig.1
	1755	132422		1	0	Fig.2
	1770	132572		1	0	Fig.3

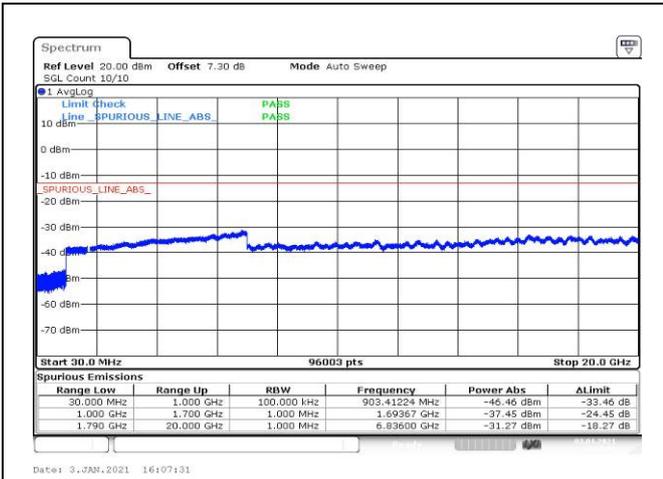


Fig.1

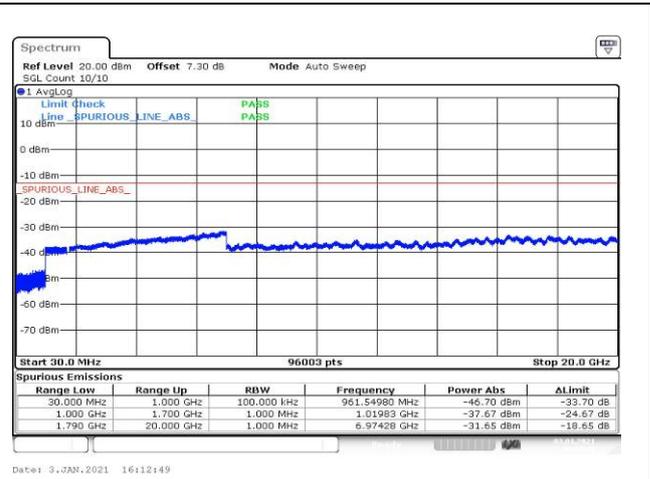


Fig.2

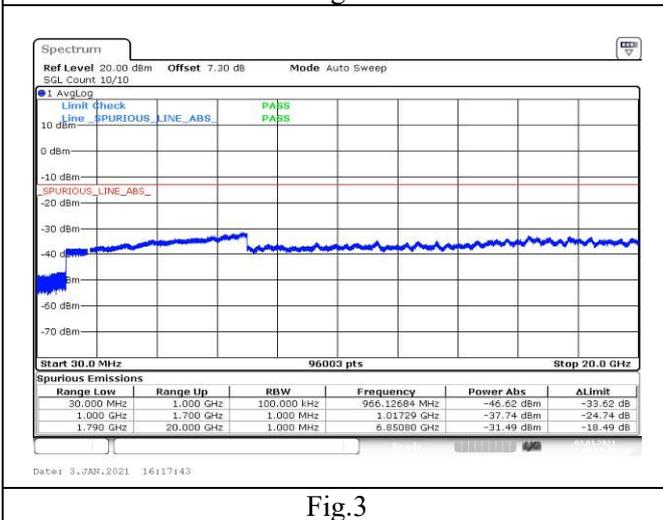


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
66	1710.7	131979	1.4	1	0	Fig.1
				6	0	Fig.2
	1779.3	132665		1	5	Fig.3
				6	0	Fig.4
	1711.5	131987	3	1	0	Fig.5
				15	0	Fig.6
	1778.5	132657		1	14	Fig.7
				15	0	Fig.8
	1712.5	131997	5	1	0	Fig.9
				25	0	Fig.10
	1777.5	132647		1	24	Fig.11
				25	0	Fig.12
	1715	132022	10	1	0	Fig.13
				50	0	Fig.14
	1775	132622		1	49	Fig.15
				50	0	Fig.16
	1717.5	132047	15	1	0	Fig.17
				75	0	Fig.18
	1772.5	132597		1	74	Fig.19
				75	0	Fig.20
	1720	132072	20	1	0	Fig.21
				100	0	Fig.22
	1770	132572		1	99	Fig.23
				100	0	Fig.24

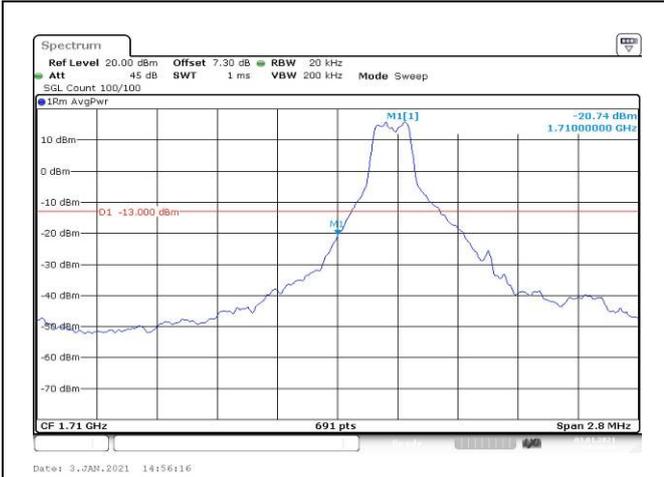


Fig.1

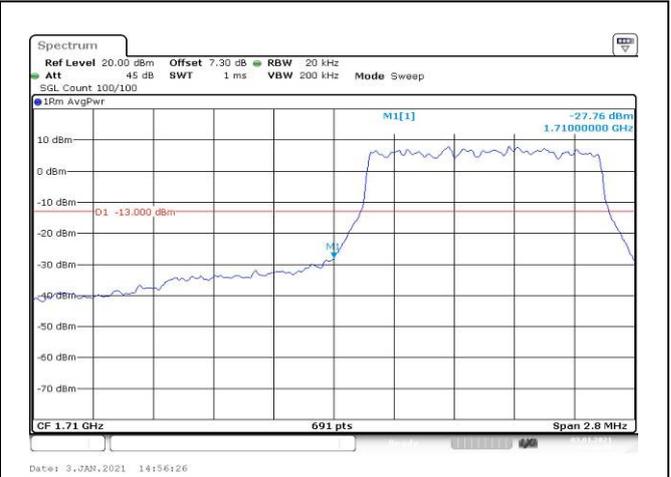


Fig.2

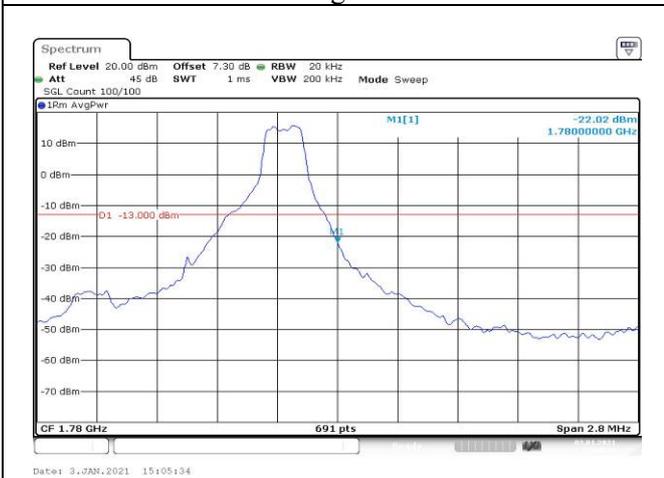


Fig.3

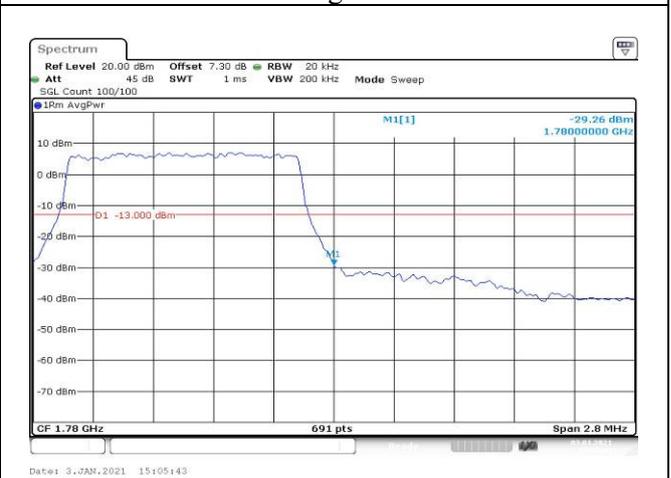


Fig.4

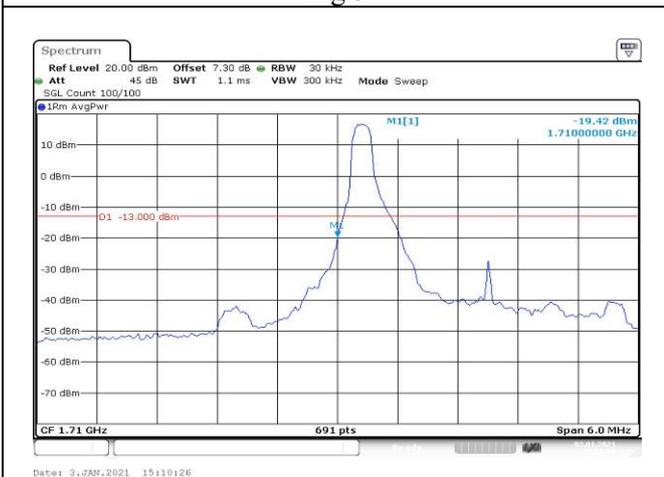


Fig.5

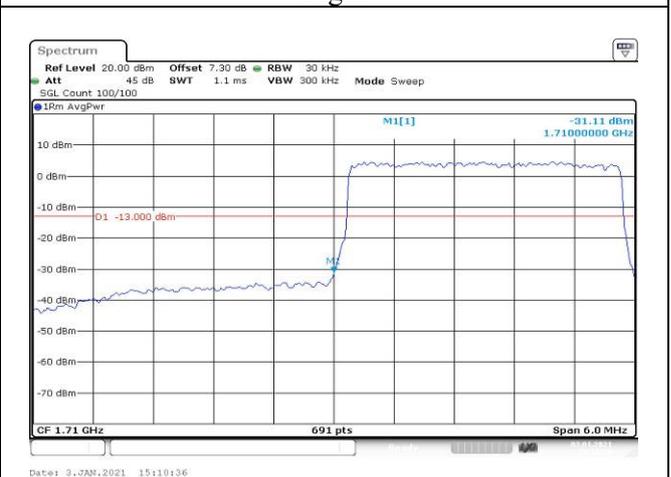


Fig.6

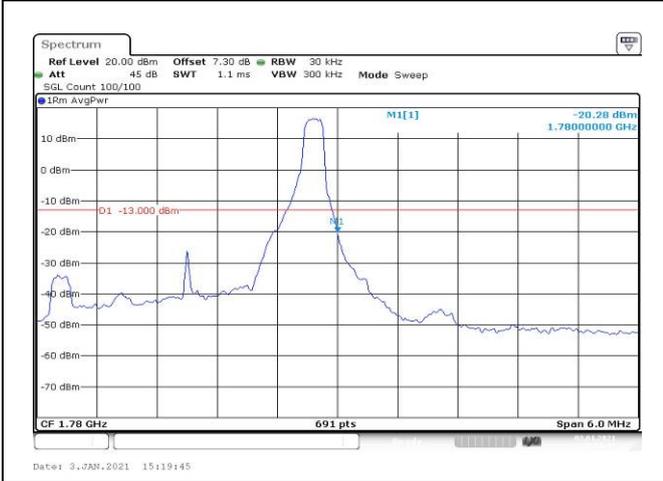


Fig.7

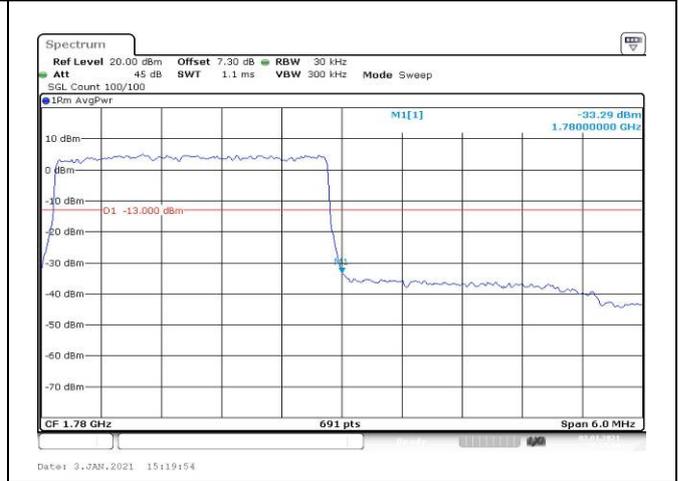


Fig.8

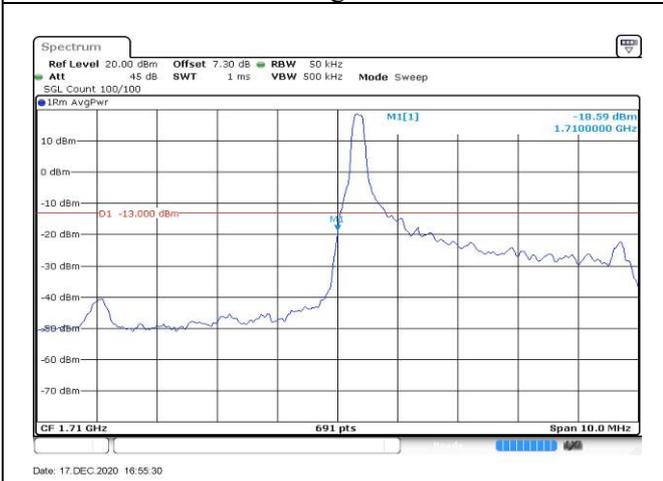


Fig.9

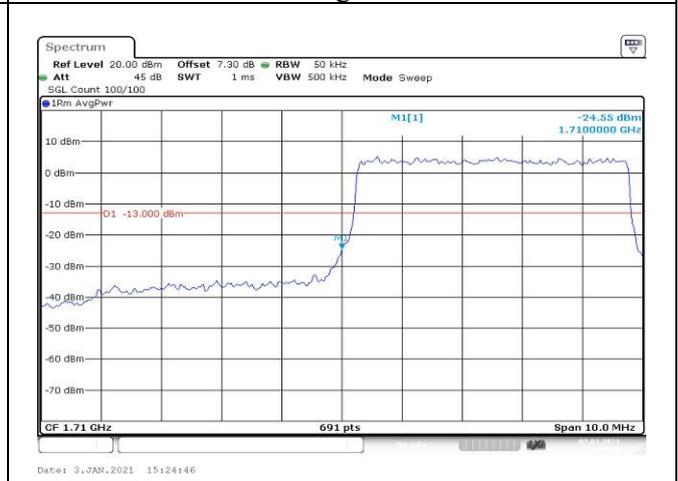


Fig.10

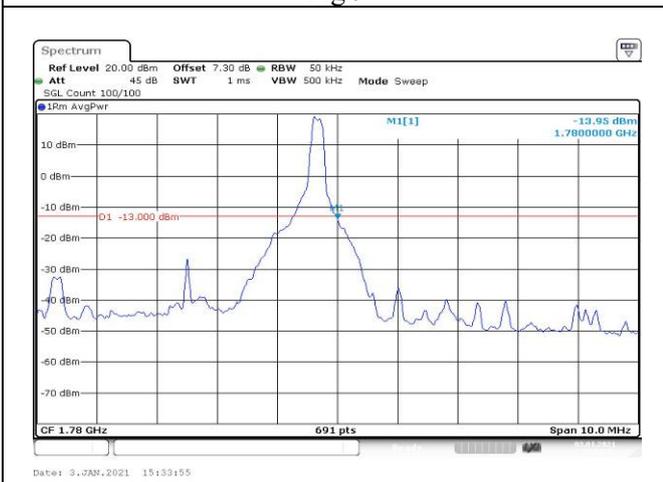


Fig.11

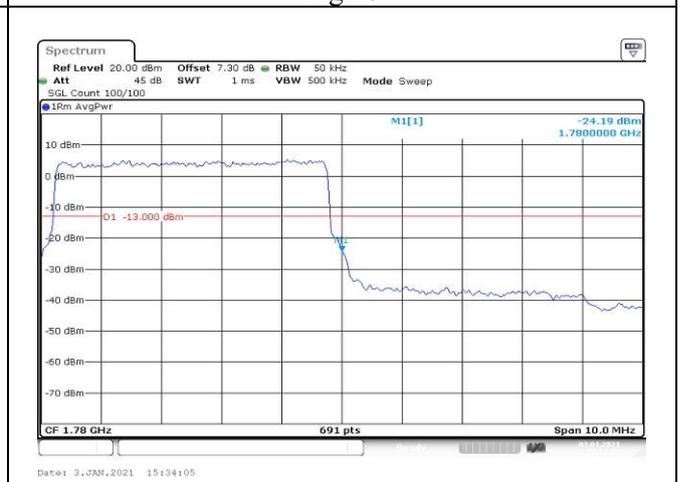


Fig.12

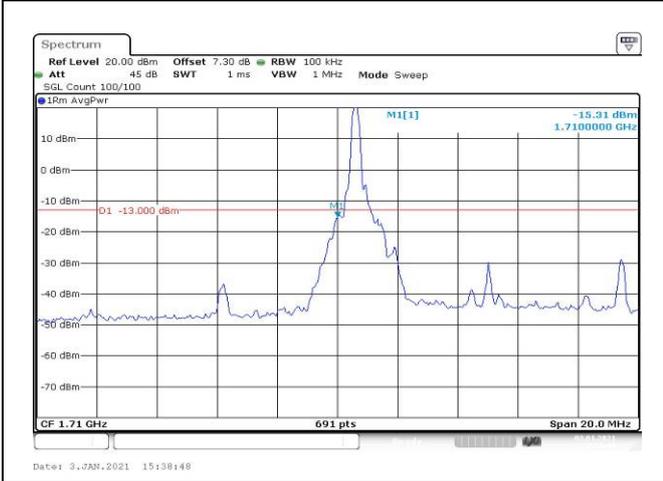


Fig.13

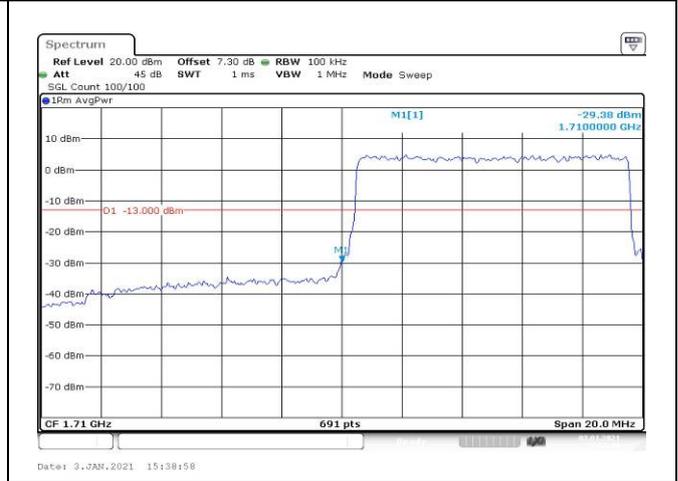


Fig.14

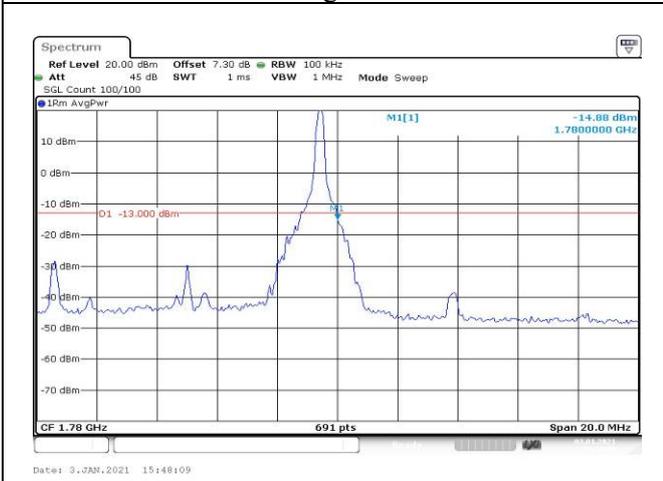


Fig.15

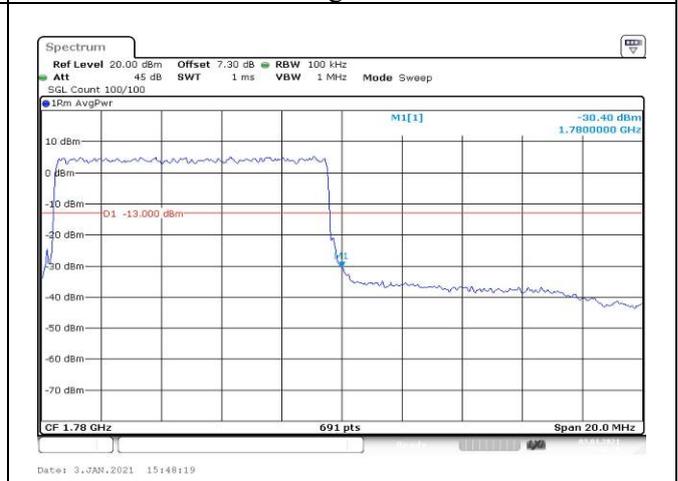


Fig.16

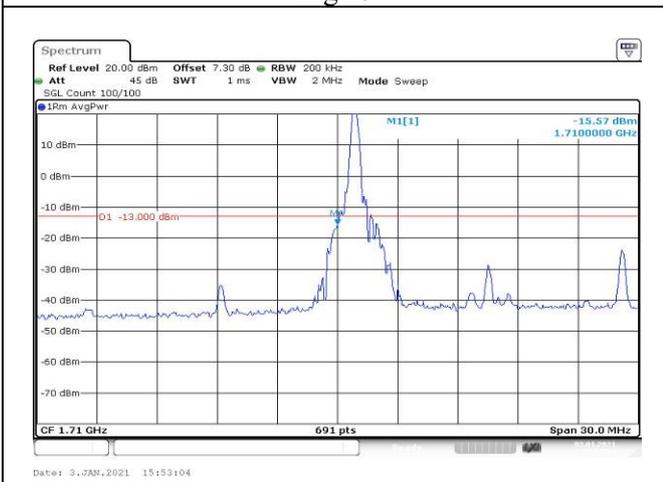


Fig.17

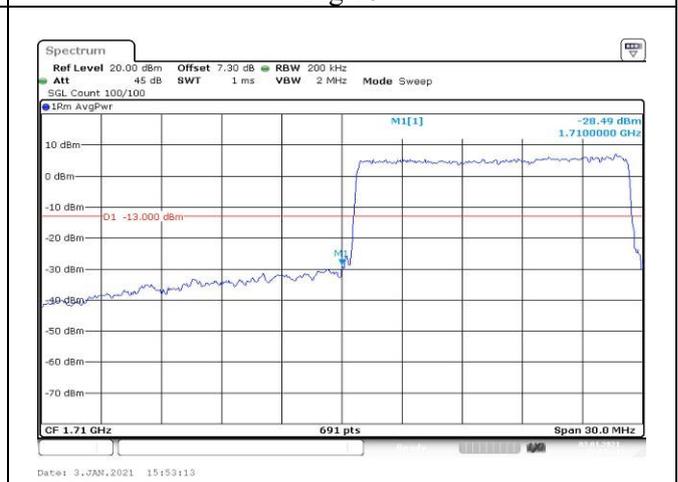


Fig.18

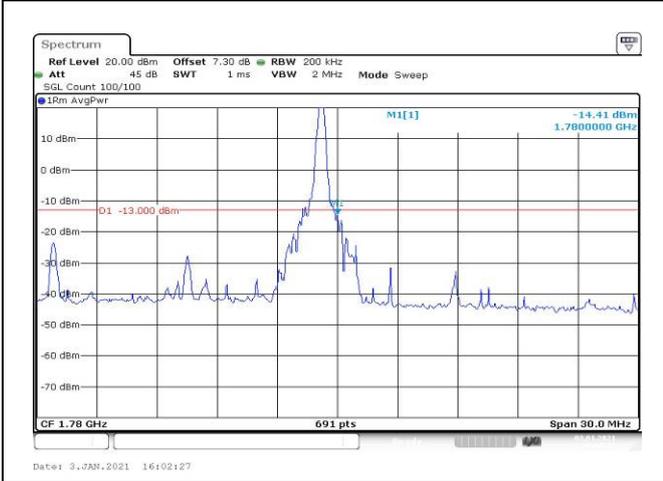


Fig.19



Fig.20

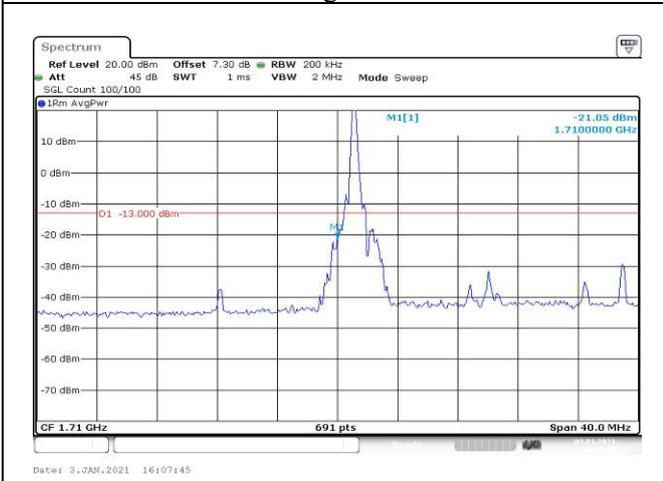


Fig.21

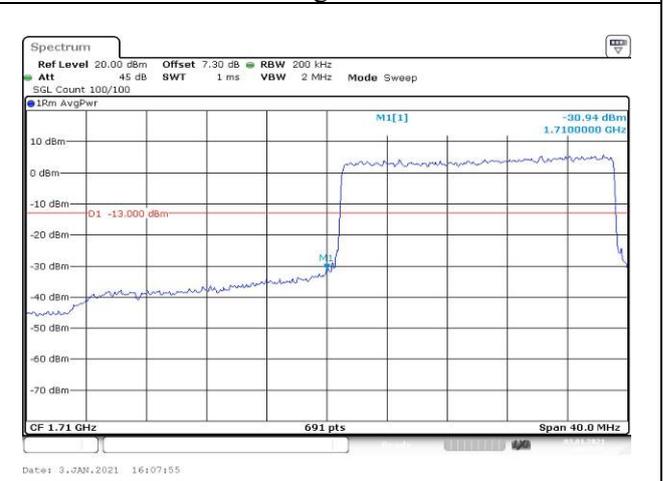


Fig.22

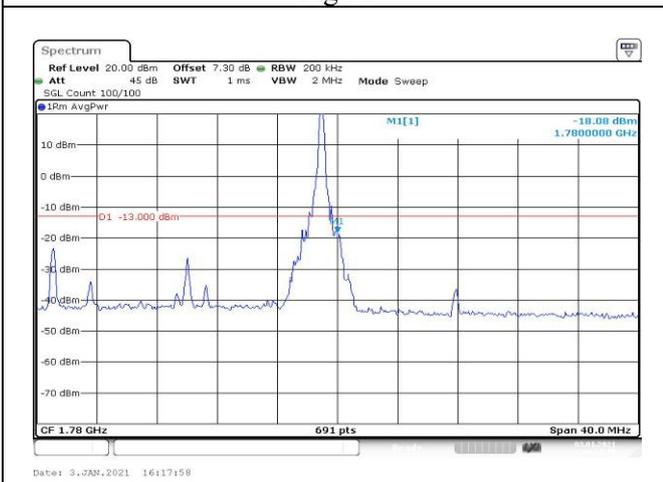


Fig.23

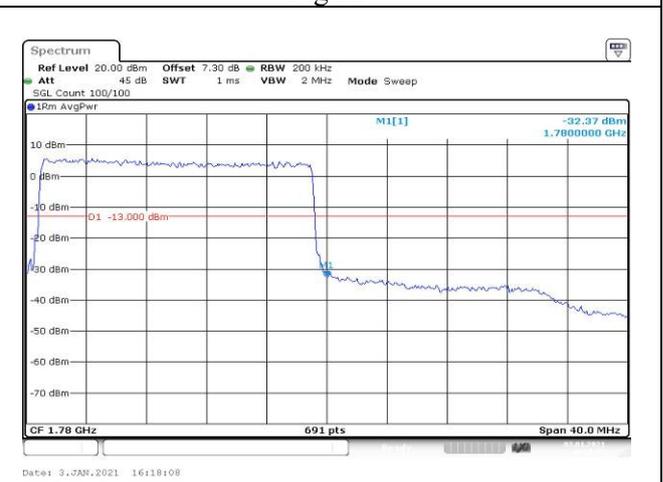


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band66 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.010	-0.007	0.014	-0.003	-0.003	-0.002
0	NV	-0.006	-0.003	0.004	-0.003	0.001	0.002
+10	NV	-0.004	-0.007	0.003	-0.005	-0.004	-0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.007	-0.004	0.001	-0.002	-0.001	-0.003
+40	NV	-0.009	-0.002	-0.003	-0.003	0.002	-0.004
+50	NV	-0.011	-0.007	0.003	-0.007	-0.007	-0.006
+55	NV	-0.009	-0.005	0.005	-0.006	-0.004	-0.003
+20	LV	-0.003	-0.004	0.003	-0.001	-0.002	0.000
+20	HV	-0.002	-0.004	0.002	-0.004	-0.004	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band66 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.001	-0.004	0.003	-0.002	-0.004	-0.002
0	NV	-0.005	-0.006	0.002	-0.005	0.003	0.000
+10	NV	-0.007	-0.007	0.002	0.002	0.002	-0.003
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.002	0.000	-0.002	-0.002	-0.004	-0.001
+40	NV	-0.006	-0.006	0.000	-0.004	-0.005	0.001
+50	NV	-0.008	0.018	0.006	0.000	-0.008	-0.005
+55	NV	-0.005	-0.011	0.006	-0.005	-0.008	-0.003
+20	LV	-0.006	-0.007	0.002	-0.002	-0.005	-0.001
+20	HV	-0.003	-0.004	0.004	-0.001	0.002	0.002

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)		
QPSK	1710.7	131979	1.4	1	0	24.01	23.11	0.205		
				1	3	23.93	23.03	0.201		
				1	5	23.99	23.09	0.204		
				3	0	24.08	23.18	0.208		
				3	1	23.99	23.09	0.204		
				3	3	24.17	23.27	0.212		
	6	0		22.98	22.08	0.161				
	1755	132422		1	0	24.15	23.25	0.211		
				1	3	24.10	23.20	0.209		
				1	5	24.08	23.18	0.208		
				3	0	24.27	23.37	0.217		
				3	1	24.35	23.45	0.221		
				3	3	24.27	23.37	0.217		
				6	0	23.28	22.38	0.173		
				1779.3	132665	1	0	24.07	23.17	0.207
						1	3	24.10	23.20	0.209
						1	5	24.08	23.18	0.208
						3	0	24.20	23.30	0.214
						3	1	24.22	23.32	0.215
	3	3				24.34	23.44	0.221		
	16QAM	1710.7		131979	6	0	23.22	22.32	0.171	
1			0		23.07	22.17	0.165			
1			3		23.05	22.15	0.164			
1			5		23.08	22.18	0.165			
3			0		22.95	22.05	0.160			
3			1		22.96	22.06	0.161			
1755		132422	3	3	22.95	22.05	0.160			
			6	0	22.04	21.14	0.130			
			1	0	23.20	22.30	0.170			
			1	3	23.29	22.39	0.173			
			1	5	23.26	22.36	0.172			
			3	0	23.31	22.41	0.174			
			3	1	23.28	22.38	0.173			
			3	3	23.24	22.34	0.171			
			6	0	22.14	21.24	0.133			
			1779.3	132665	1	0	23.21	22.31	0.170	
					1	3	23.24	22.34	0.171	
					1	5	23.19	22.29	0.169	
3		0			23.21	22.31	0.170			
3		1			23.20	22.30	0.170			
3		3			23.39	22.49	0.177			
6	0	22.11	21.21	0.132						

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	23.96	23.06	0.202
				1	8	23.83	22.93	0.196
				1	14	23.91	23.01	0.200
				8	0	22.98	22.08	0.161
				8	4	22.91	22.01	0.159
				8	7	22.96	22.06	0.161
	15	0		22.96	22.06	0.161		
	1755	132422		1	0	24.16	23.26	0.212
				1	8	24.13	23.23	0.210
				1	14	24.17	23.27	0.212
				8	0	23.22	22.32	0.171
				8	4	23.24	22.34	0.171
				8	7	23.16	22.26	0.168
	15	0		23.24	22.34	0.171		
	1778.5	132657		1	0	24.18	23.28	0.213
				1	8	24.09	23.19	0.208
				1	14	24.12	23.22	0.210
				8	0	23.13	22.23	0.167
8			4	23.12	22.22	0.167		
8			7	23.14	22.24	0.167		
15	0	23.15	22.25	0.168				
16QAM	1711.5	131987	1	0	23.09	22.19	0.166	
			1	8	22.98	22.08	0.161	
			1	14	22.96	22.06	0.161	
			8	0	21.97	21.07	0.128	
			8	4	21.93	21.03	0.127	
			8	7	21.96	21.06	0.128	
	15	0	22.02	21.12	0.129			
	1755	132422	1	0	23.31	22.41	0.174	
			1	8	23.30	22.40	0.174	
			1	14	23.30	22.40	0.174	
			8	0	22.24	21.34	0.136	
			8	4	22.27	21.37	0.137	
			8	7	22.19	21.29	0.135	
	15	0	22.17	21.27	0.134			
	1778.5	132657	1	0	23.30	22.40	0.174	
			1	8	23.18	22.28	0.169	
			1	14	23.19	22.29	0.169	
			8	0	22.21	21.31	0.135	
8			4	22.18	21.28	0.134		
8			7	22.18	21.28	0.134		
15	0	22.18	21.28	0.134				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1711.5	131987	3	1	0	22.04	21.14	0.130
				1	8	21.96	21.06	0.128
				1	14	22.00	21.10	0.129
				8	0	22.03	21.13	0.130
				8	4	21.94	21.04	0.127
				8	7	22.03	21.13	0.130
				15	0	22.06	21.16	0.131
	1755	132422		1	0	22.28	21.38	0.137
				1	8	22.23	21.33	0.136
				1	14	22.20	21.30	0.135
				8	0	22.28	21.38	0.137
				8	4	22.22	21.32	0.136
				8	7	22.24	21.34	0.136
				15	0	22.24	21.34	0.136
	1778.5	132657		1	0	22.25	21.35	0.136
				1	8	22.21	21.31	0.135
				1	14	22.26	21.36	0.137
				8	0	22.17	21.27	0.134
				8	4	22.24	21.34	0.136
				8	7	22.25	21.35	0.136
				15	0	22.25	21.35	0.136

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1712.5	131997	5	1	0	23.84	22.94	0.197	
				1	12	23.73	22.83	0.192	
				1	24	23.77	22.87	0.194	
				12	0	22.95	22.05	0.160	
				12	7	22.89	21.99	0.158	
				12	13	22.93	22.03	0.160	
				25	0	22.95	22.05	0.160	
	1755	132422		1	0	24.10	23.20	0.209	
				1	12	24.11	23.21	0.209	
				1	24	24.07	23.17	0.207	
				12	0	23.16	22.26	0.168	
				12	7	23.22	22.32	0.171	
				12	13	23.17	22.27	0.169	
				25	0	23.21	22.31	0.170	
	1777.5	132647		1	0	24.02	23.12	0.205	
				1	12	23.98	23.08	0.203	
				1	24	23.97	23.07	0.203	
				12	0	23.10	22.20	0.166	
				12	7	23.19	22.29	0.169	
				12	13	23.18	22.28	0.169	
				25	0	23.14	22.24	0.167	
	16QAM	1712.5		131997	1	0	22.90	22.00	0.158
					1	12	22.90	22.00	0.158
					1	24	22.84	21.94	0.156
12			0		21.97	21.07	0.128		
12			7		21.88	20.98	0.125		
12			13		21.88	20.98	0.125		
25			0		21.98	21.08	0.128		
1755		132422	1	0	23.16	22.26	0.168		
			1	12	23.16	22.26	0.168		
			1	24	23.17	22.27	0.169		
			12	0	22.09	21.19	0.132		
			12	7	22.20	21.30	0.135		
			12	13	22.12	21.22	0.132		
			25	0	22.22	21.32	0.136		
1777.5		132647	1	0	23.21	22.31	0.170		
			1	12	23.04	22.14	0.164		
			1	24	23.10	22.20	0.166		
			12	0	22.08	21.18	0.131		
			12	7	22.04	21.14	0.130		
			12	13	22.13	21.23	0.133		
			25	0	22.15	21.25	0.133		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1712.5	131997	5	1	0	21.99	21.09	0.129
				1	12	21.96	21.06	0.128
				1	24	21.90	21.00	0.126
				12	0	21.98	21.08	0.128
				12	7	21.97	21.07	0.128
				12	13	21.95	21.05	0.127
				25	0	21.95	21.05	0.127
	1755	132422		1	0	22.29	21.39	0.138
				1	12	22.23	21.33	0.136
				1	24	22.19	21.29	0.135
				12	0	22.25	21.35	0.136
				12	7	22.18	21.28	0.134
				12	13	22.23	21.33	0.136
				25	0	22.26	21.36	0.137
	1777.5	132647		1	0	22.25	21.35	0.136
				1	12	22.12	21.22	0.132
				1	24	22.17	21.27	0.134
				12	0	22.16	21.26	0.134
				12	7	22.21	21.31	0.135
				12	13	22.20	21.30	0.135
				25	0	22.16	21.26	0.134

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	132022	10	1	0	23.94	23.04	0.201
				1	25	23.87	22.97	0.198
				1	49	23.82	22.92	0.196
				25	0	23.08	22.18	0.165
				25	12	22.99	22.09	0.162
				25	25	23.01	22.11	0.163
	50	0		23.05	22.15	0.164		
	1755	132422		1	0	24.09	23.19	0.208
				1	25	24.15	23.25	0.211
				1	49	24.14	23.24	0.211
				25	0	23.19	22.29	0.169
				25	12	23.25	22.35	0.172
				25	25	23.26	22.36	0.172
	50	0		23.19	22.29	0.169		
	1775	132622		1	0	24.20	23.30	0.214
				1	25	24.09	23.19	0.208
				1	49	24.05	23.15	0.207
				25	0	23.29	22.39	0.173
25			12	23.19	22.29	0.169		
25			25	23.22	22.32	0.171		
50	0	23.31	22.41	0.174				
16QAM	1715	132022	1	0	23.04	22.14	0.164	
			1	25	22.98	22.08	0.161	
			1	49	22.97	22.07	0.161	
			25	0	22.22	21.32	0.136	
			25	12	22.16	21.26	0.134	
			25	25	22.09	21.19	0.132	
	50	0	22.05	21.15	0.130			
	1755	132422	1	0	23.30	22.40	0.174	
			1	25	23.27	22.37	0.173	
			1	49	23.27	22.37	0.173	
			25	0	22.26	21.36	0.137	
			25	12	22.36	21.46	0.140	
			25	25	22.35	21.45	0.140	
	50	0	22.22	21.32	0.136			
	1775	132622	1	0	23.30	22.40	0.174	
			1	25	23.15	22.25	0.168	
			1	49	23.18	22.28	0.169	
			25	0	22.41	21.51	0.142	
25			12	22.31	21.41	0.138		
25			25	22.36	21.46	0.140		
50	0	22.37	21.47	0.140				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1715	132022	10	1	0	22.07	21.17	0.131
				1	25	22.11	21.21	0.132
				1	49	22.12	21.22	0.132
				25	0	22.06	21.16	0.131
				25	12	22.14	21.24	0.133
				25	25	22.10	21.20	0.132
				50	0	22.09	21.19	0.132
	1755	132422		1	0	22.29	21.39	0.138
				1	25	22.27	21.37	0.137
				1	49	22.22	21.32	0.136
				25	0	22.25	21.35	0.136
				25	12	22.28	21.38	0.137
				25	25	22.28	21.38	0.137
				50	0	22.27	21.37	0.137
	1775	132622		1	0	22.30	21.40	0.138
				1	25	22.26	21.36	0.137
				1	49	22.28	21.38	0.137
				25	0	22.31	21.41	0.138
				25	12	22.32	21.42	0.139
				25	25	22.27	21.37	0.137
				50	0	22.27	21.37	0.137

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	15	1	0	23.93	23.03	0.201
				1	37	23.60	22.70	0.186
				1	74	23.64	22.74	0.188
				36	0	22.97	22.07	0.161
				36	29	22.87	21.97	0.157
				36	30	22.94	22.04	0.160
				75	0	23.03	22.13	0.163
	1755	132422		1	0	24.07	23.17	0.207
				1	37	24.10	23.20	0.209
				1	74	24.09	23.19	0.208
				36	0	23.12	22.22	0.167
				36	29	23.28	22.38	0.173
				36	30	23.24	22.34	0.171
				75	0	23.20	22.30	0.170
	1772.5	132597		1	0	24.09	23.19	0.208
				1	37	23.90	23.00	0.200
				1	74	23.94	23.04	0.201
				36	0	23.28	22.38	0.173
				36	29	23.17	22.27	0.169
				36	30	23.22	22.32	0.171
				75	0	23.32	22.42	0.175
16QAM	1717.5	132047	1	0	23.34	22.44	0.175	
			1	37	23.13	22.23	0.167	
			1	74	23.11	22.21	0.166	
			36	0	21.90	21.00	0.126	
			36	29	21.90	21.00	0.126	
			36	30	21.84	20.94	0.124	
			75	0	21.88	20.98	0.125	
	1755	132422	1	0	23.65	22.75	0.188	
			1	37	23.48	22.58	0.181	
			1	74	23.48	22.58	0.181	
			36	0	22.21	21.31	0.135	
			36	29	22.15	21.25	0.133	
			36	30	22.15	21.25	0.133	
			75	0	22.19	21.29	0.135	
	1772.5	132597	1	0	23.59	22.69	0.186	
			1	37	23.46	22.56	0.180	
			1	74	23.46	22.56	0.180	
			36	0	22.26	21.36	0.137	
			36	29	22.11	21.21	0.132	
			36	30	22.19	21.29	0.135	
			75	0	22.19	21.29	0.135	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1717.5	132047	15	1	0	21.92	21.02	0.126
				1	37	21.87	20.97	0.125
				1	74	21.87	20.97	0.125
				36	0	21.95	21.05	0.127
				36	29	21.89	20.99	0.126
				36	30	21.91	21.01	0.126
				75	0	21.88	20.98	0.125
	1755	132422		1	0	22.16	21.26	0.134
				1	37	22.12	21.22	0.132
				1	74	22.23	21.33	0.136
				36	0	22.18	21.28	0.134
				36	29	22.11	21.21	0.132
				36	30	22.16	21.26	0.134
				75	0	22.15	21.25	0.133
	1772.5	132597		1	0	22.17	21.27	0.134
				1	37	22.23	21.33	0.136
				1	74	22.23	21.33	0.136
				36	0	22.24	21.34	0.136
				36	29	22.15	21.25	0.133
				36	30	22.26	21.36	0.137
				75	0	22.23	21.33	0.136

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	132072	20	1	0	23.80	22.90	0.195
				1	49	23.50	22.60	0.182
				1	99	23.52	22.62	0.183
				50	0	22.88	21.98	0.158
				50	24	22.96	22.06	0.161
				50	50	22.93	22.03	0.160
				100	0	22.86	21.96	0.157
	1755	132422		1	0	23.97	23.07	0.203
				1	49	23.98	23.08	0.203
				1	99	23.96	23.06	0.202
				50	0	23.08	22.18	0.165
				50	24	23.07	22.17	0.165
				50	50	23.10	22.20	0.166
				100	0	23.13	22.23	0.167
	1770	132572		1	0	23.97	23.07	0.203
				1	49	23.86	22.96	0.198
				1	99	23.85	22.95	0.197
				50	0	23.34	22.44	0.175
				50	24	23.14	22.24	0.167
				50	50	23.09	22.19	0.166
				100	0	23.23	22.33	0.171
16QAM	1720	132072	1	0	23.36	22.46	0.176	
			1	49	23.11	22.21	0.166	
			1	99	23.17	22.27	0.169	
			50	0	21.91	21.01	0.126	
			50	24	21.92	21.02	0.126	
			50	50	21.84	20.94	0.124	
			100	0	21.89	20.99	0.126	
	1755	132422	1	0	23.62	22.72	0.187	
			1	49	23.54	22.64	0.184	
			1	99	23.53	22.63	0.183	
			50	0	22.03	21.13	0.130	
			50	24	22.09	21.19	0.132	
			50	50	22.16	21.26	0.134	
			100	0	22.11	21.21	0.132	
	1770	132572	1	0	23.59	22.69	0.186	
			1	49	23.45	22.55	0.180	
			1	99	23.44	22.54	0.179	
			50	0	22.33	21.43	0.139	
			50	24	22.15	21.25	0.133	
			50	50	22.16	21.26	0.134	
			100	0	22.28	21.38	0.137	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1720	132072	20	1	0	21.89	20.99	0.126
				1	49	21.86	20.96	0.125
				1	99	21.87	20.97	0.125
				50	0	21.85	20.95	0.124
				50	24	21.83	20.93	0.124
				50	50	21.86	20.96	0.125
				100	0	21.94	21.04	0.127
	1755	132422		1	0	22.09	21.19	0.132
				1	49	22.15	21.25	0.133
				1	99	22.10	21.20	0.132
				50	0	22.19	21.29	0.135
				50	24	22.11	21.21	0.132
				50	50	22.15	21.25	0.133
				100	0	22.21	21.31	0.135
	1770	132572		1	0	22.21	21.31	0.135
				1	49	22.28	21.38	0.137
				1	99	22.21	21.31	0.135
				50	0	22.24	21.34	0.136
				50	24	22.26	21.36	0.137
				50	50	22.22	21.32	0.136
				100	0	22.20	21.30	0.135