

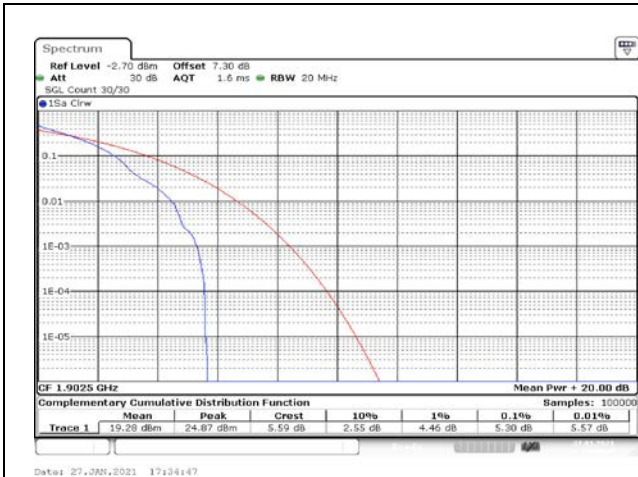


Fig.85

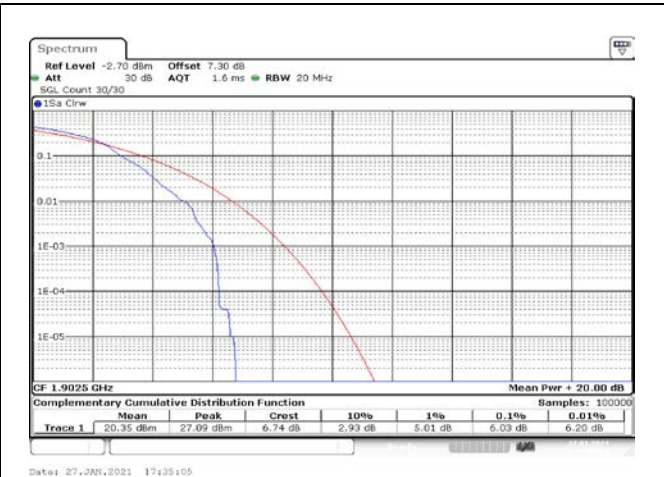


Fig.86

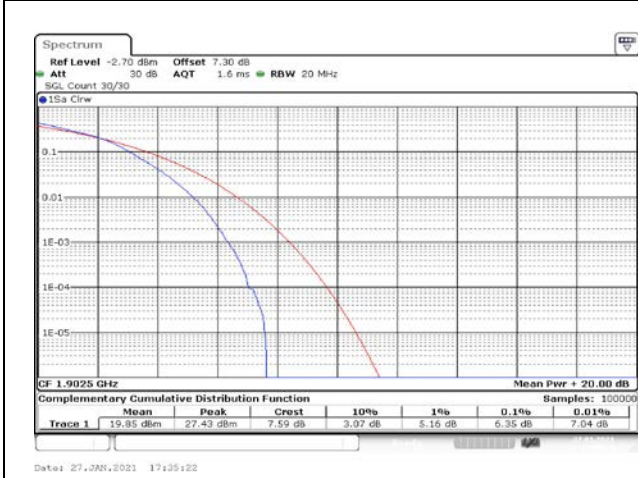


Fig.87

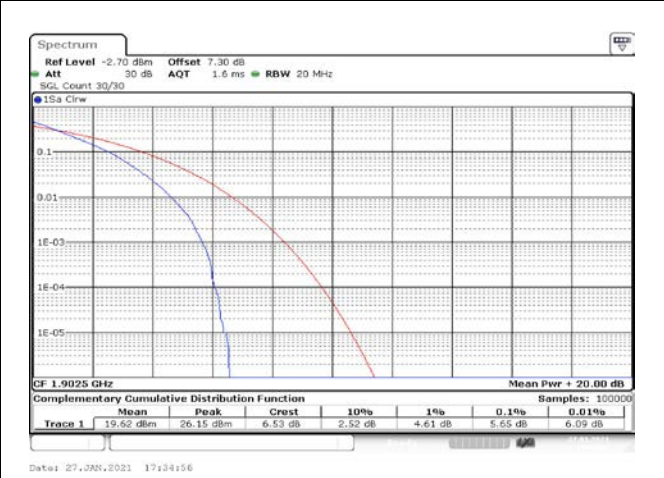


Fig.88

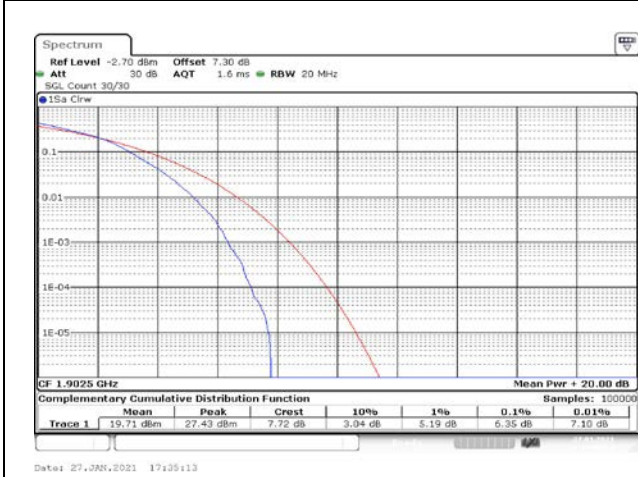


Fig.89

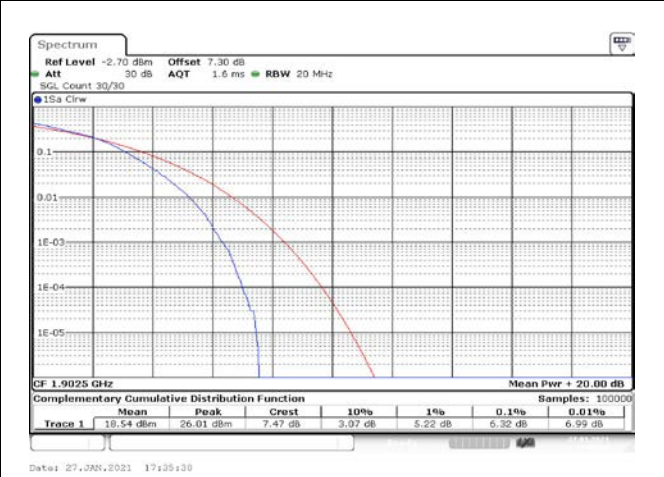


Fig.90

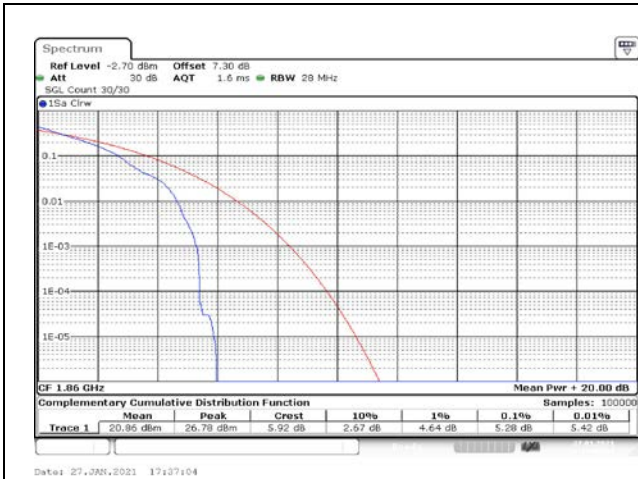


Fig.91

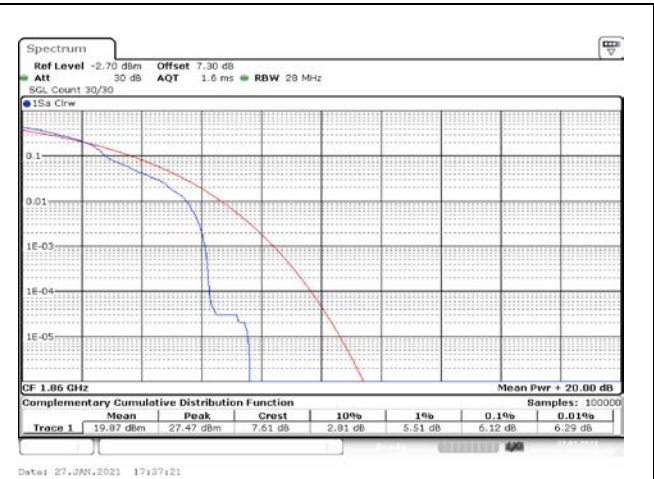


Fig.92



Fig.93

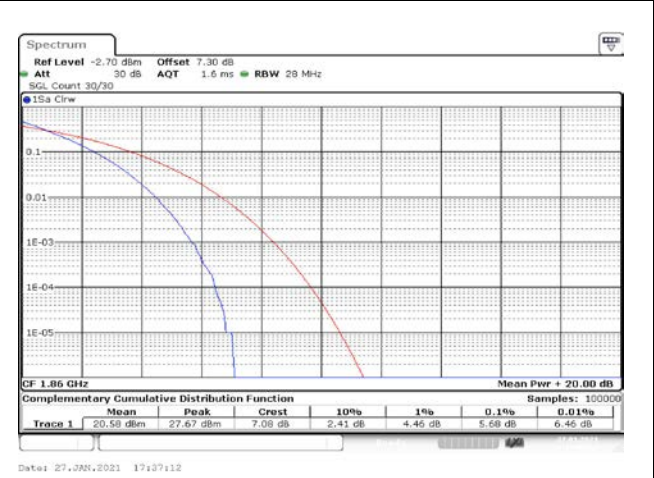


Fig.94

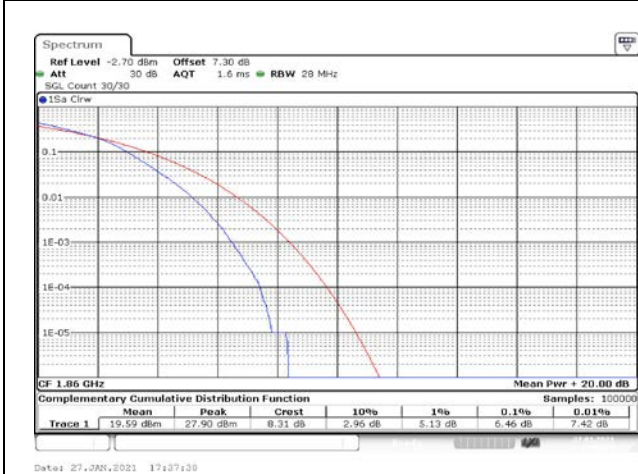


Fig.95

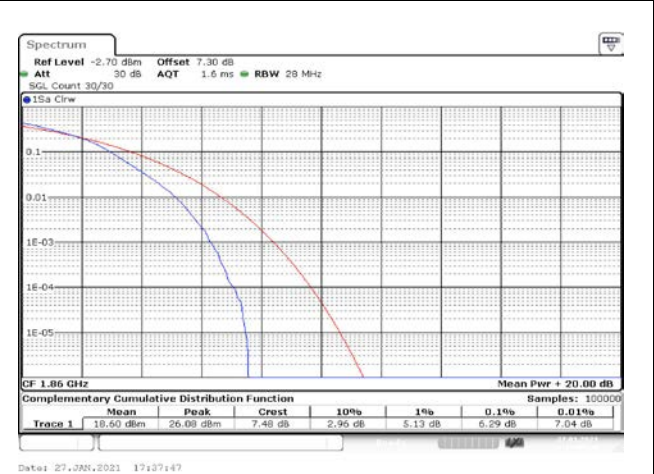


Fig.96

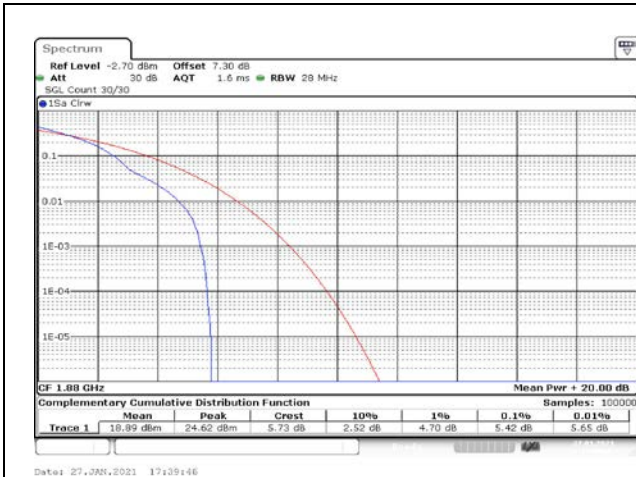


Fig.97

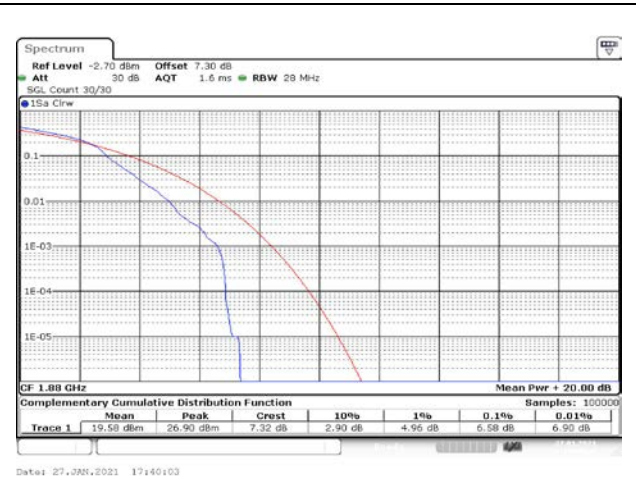


Fig.98

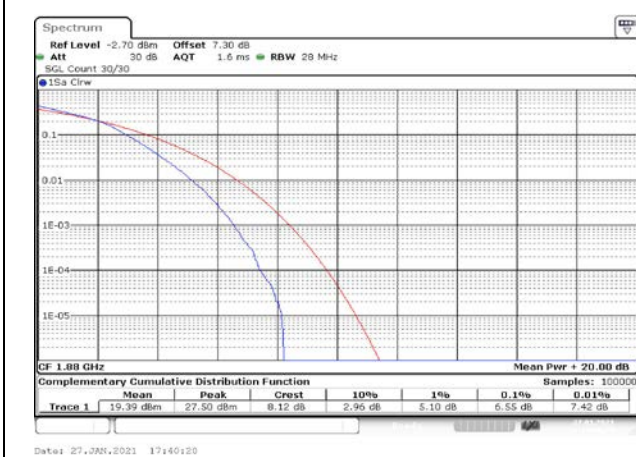


Fig.99

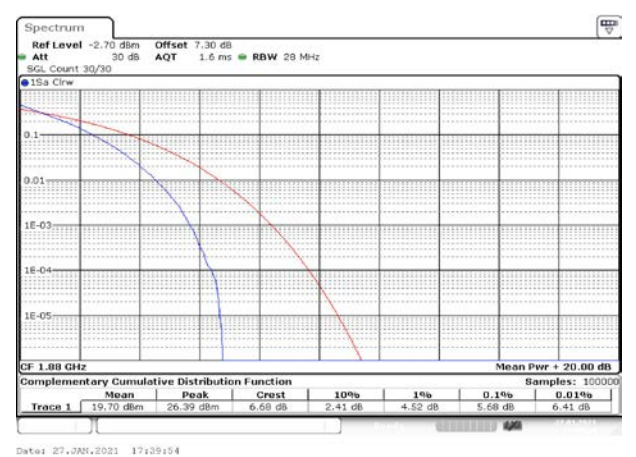


Fig.100

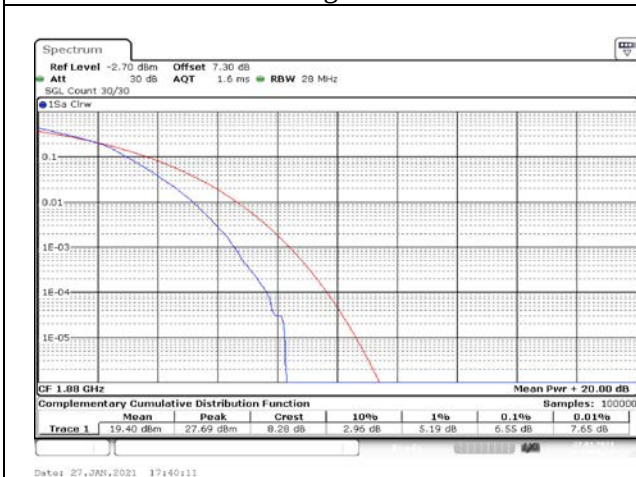


Fig.101

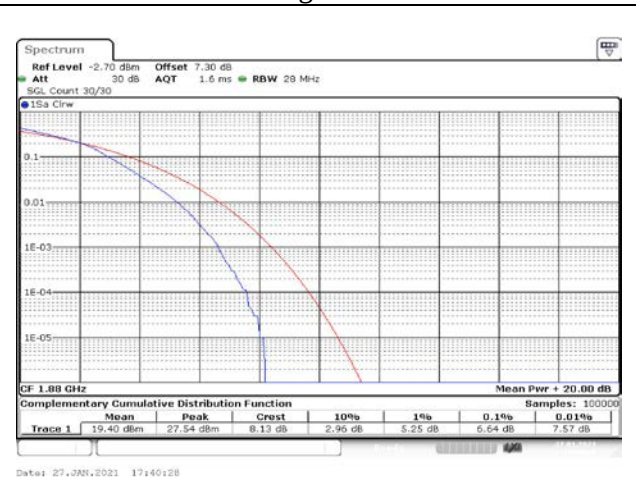


Fig.102

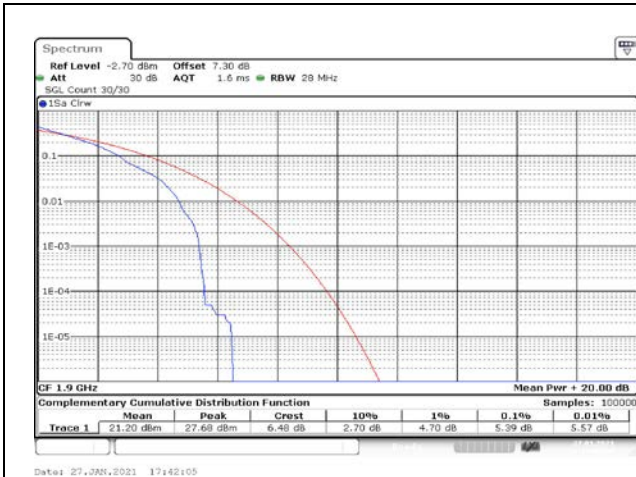


Fig.103

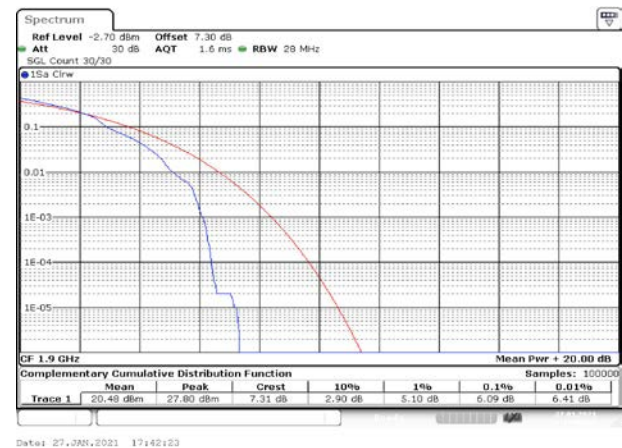


Fig.104

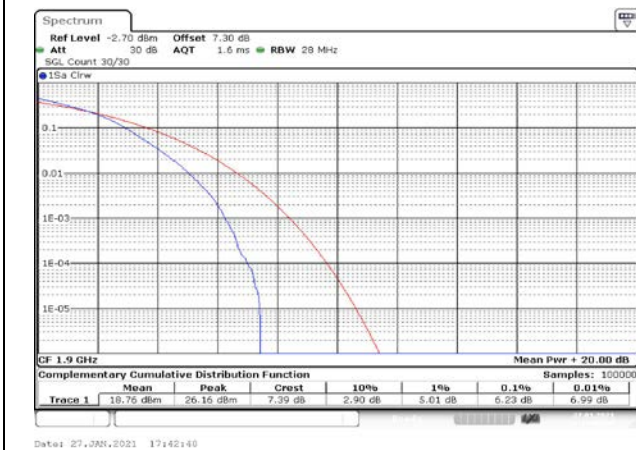


Fig.105

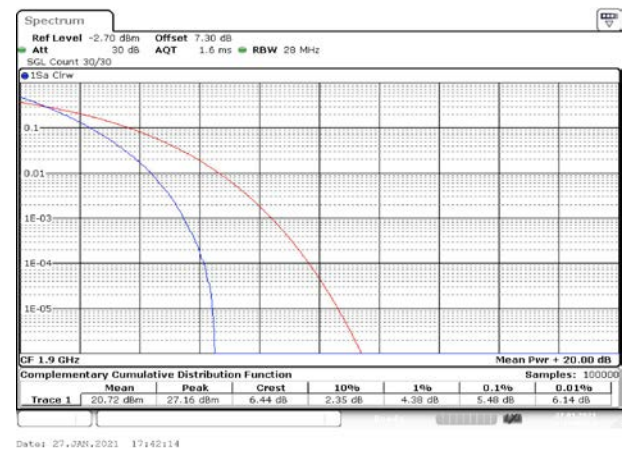


Fig.106

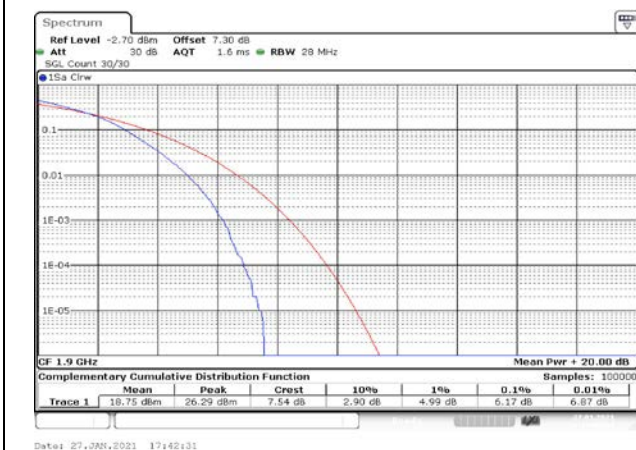


Fig.107

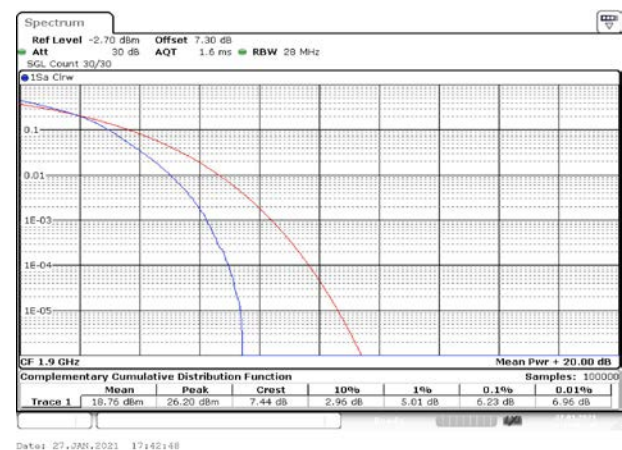


Fig.108

5 Spurious Emissions at antenna terminal

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

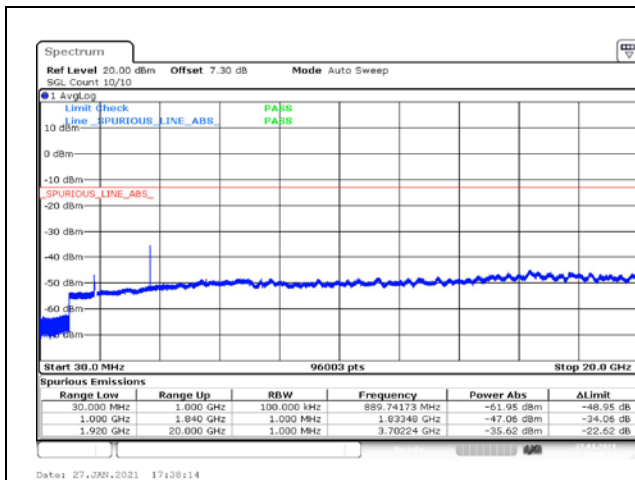


Fig.1

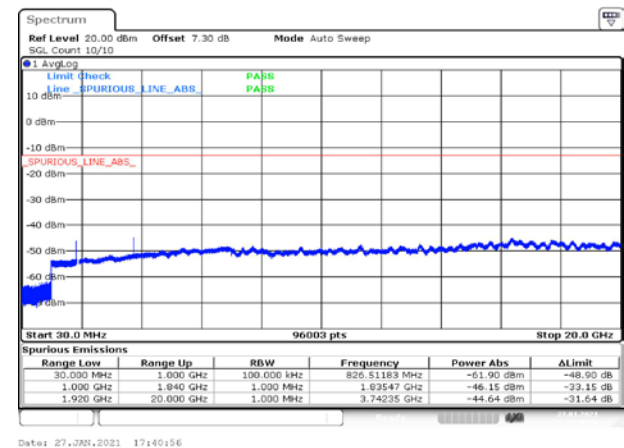


Fig.2

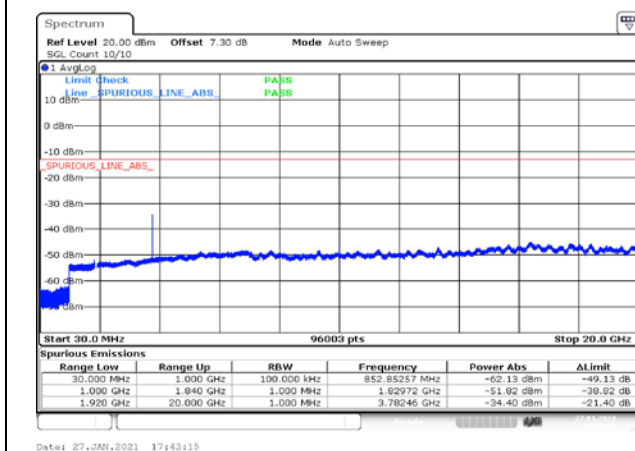


Fig.3

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

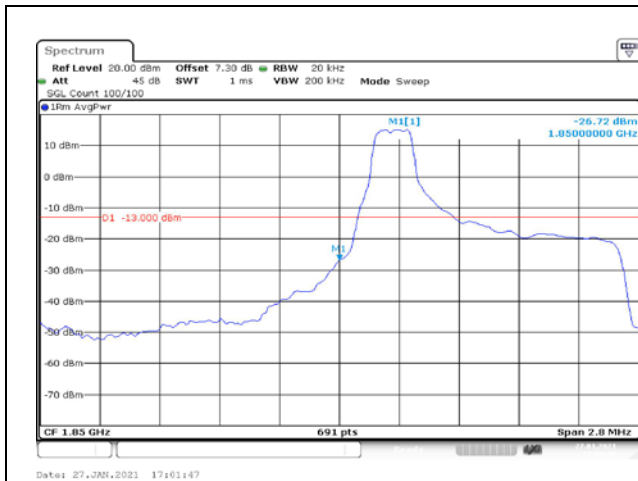


Fig.1

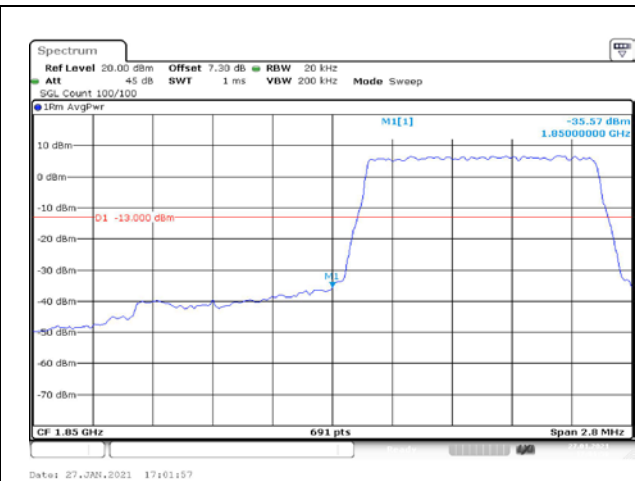


Fig.2

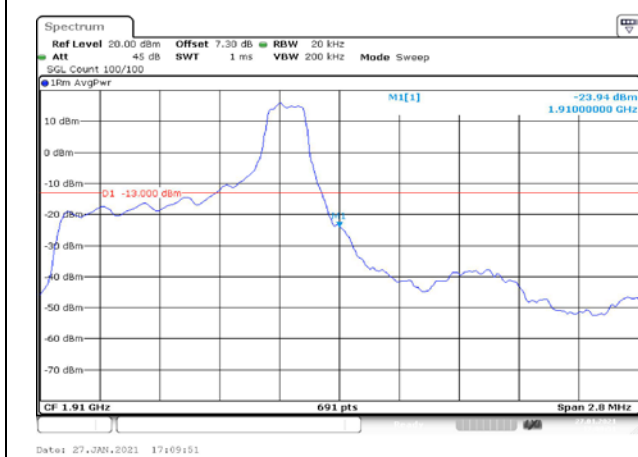


Fig.3

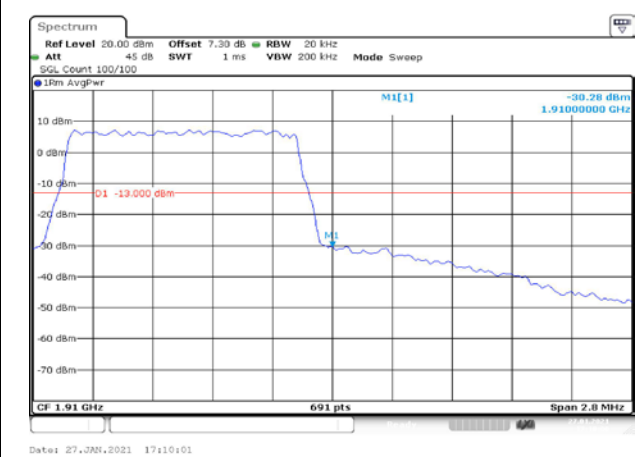


Fig.4

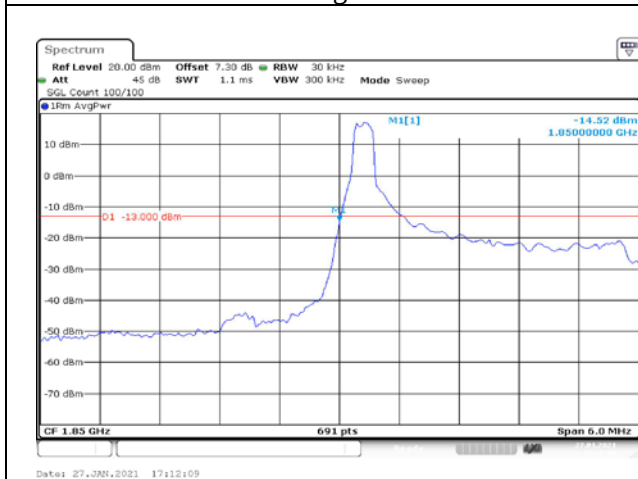


Fig.5

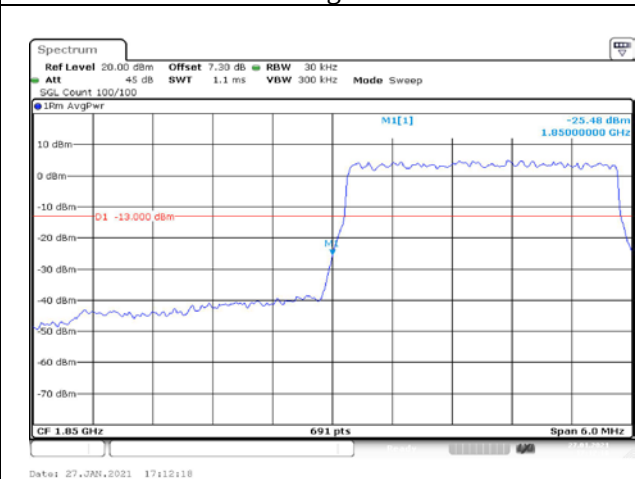
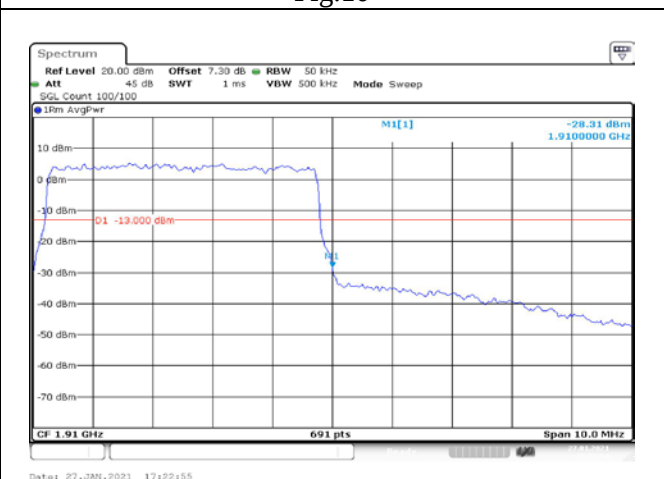
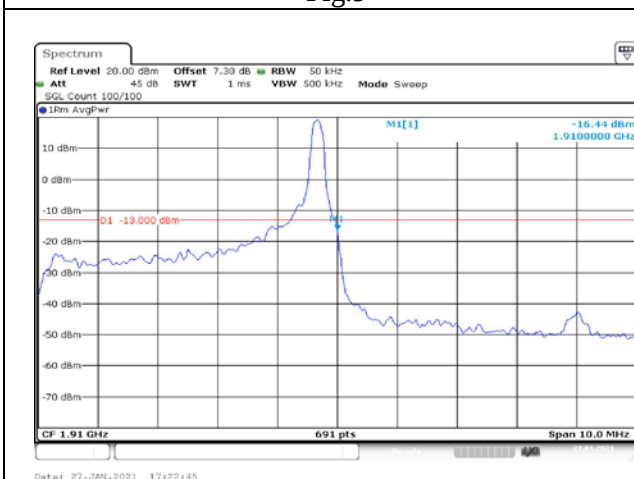
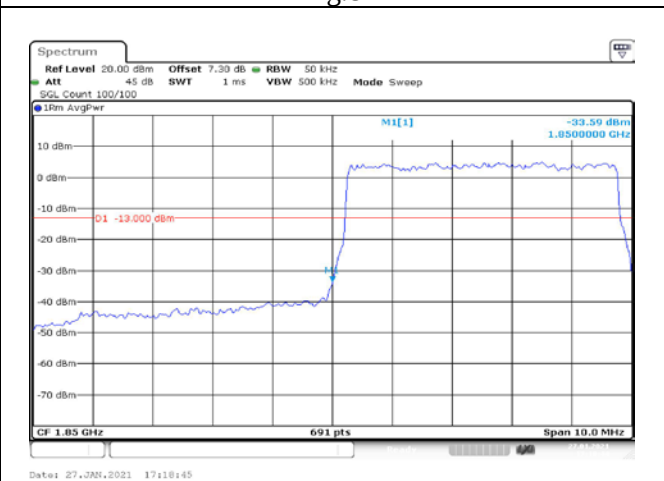
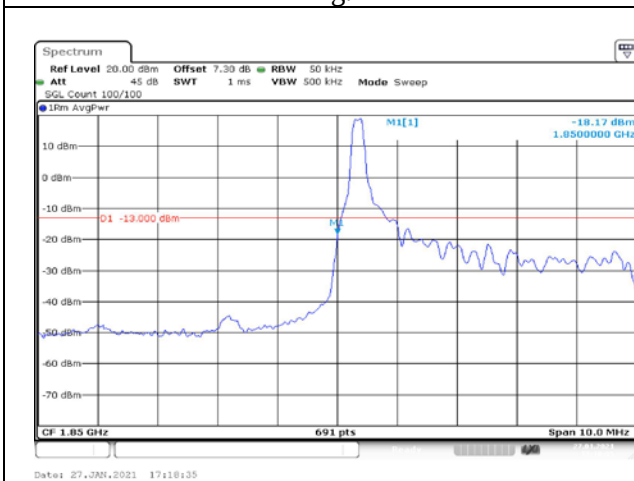
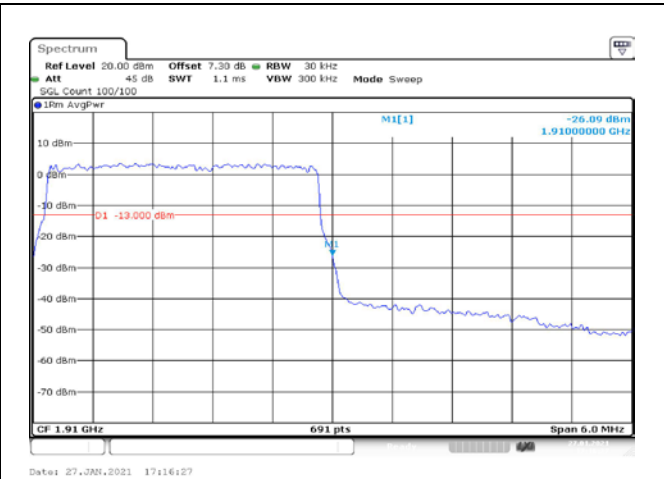
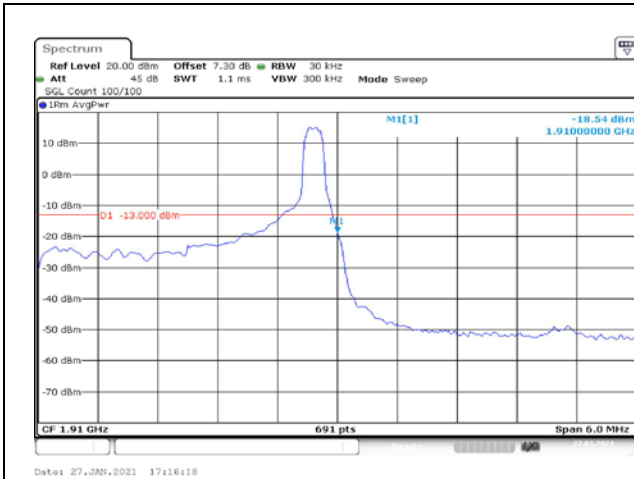


Fig.6



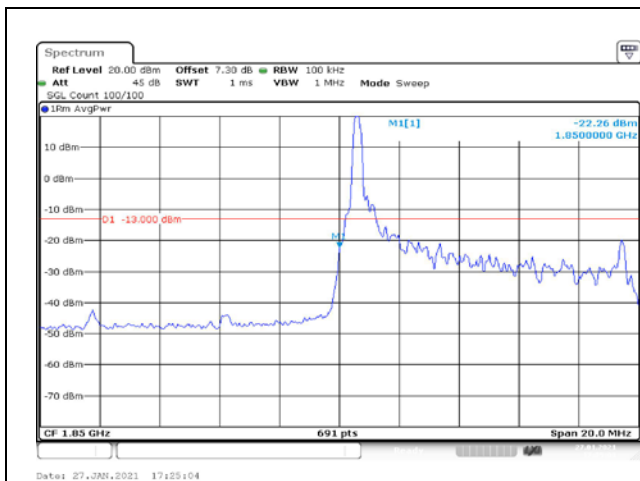


Fig.13

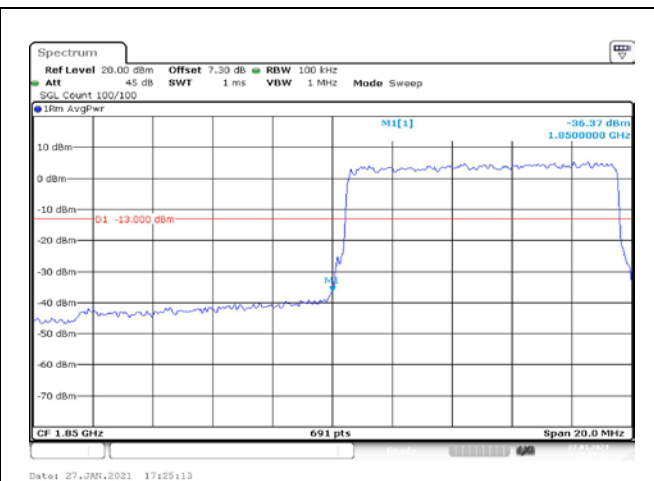


Fig.14

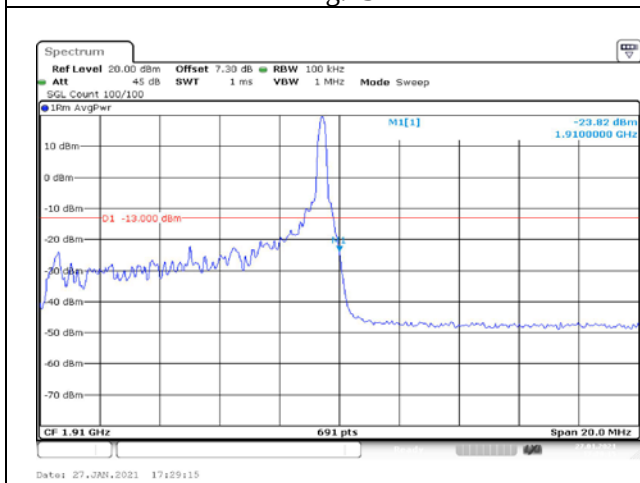


Fig.15

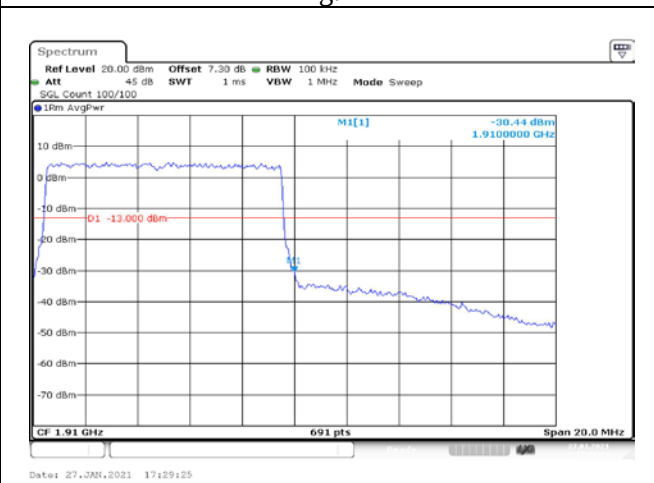


Fig.16

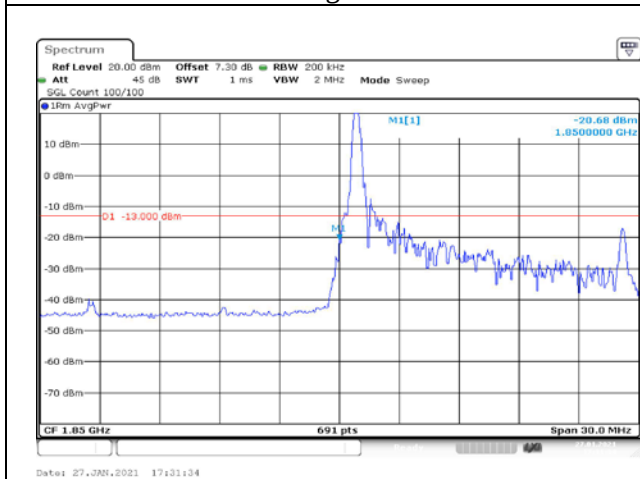


Fig.17

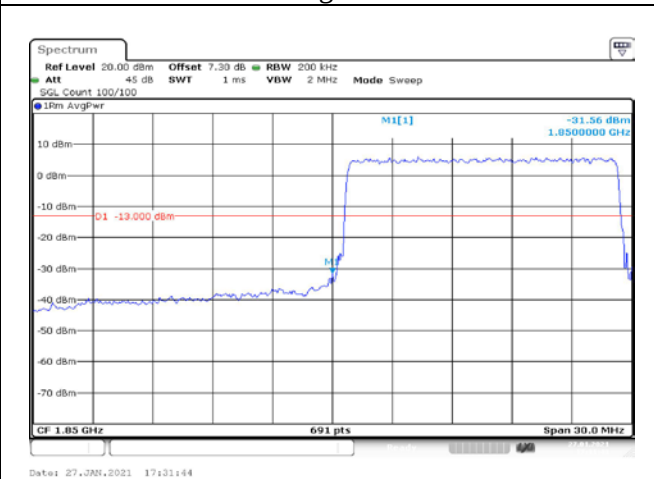


Fig.18

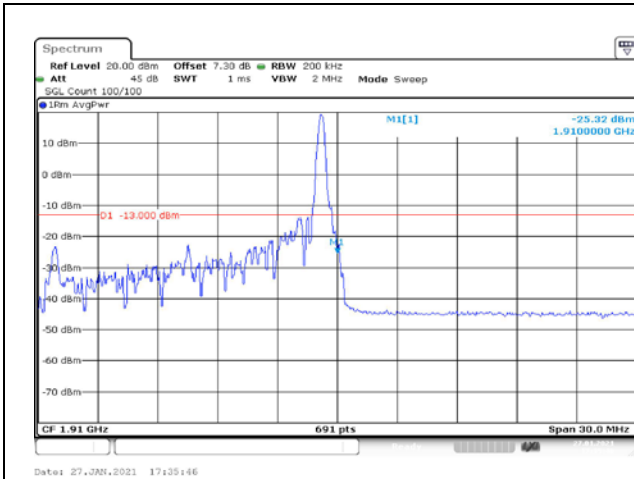


Fig.19

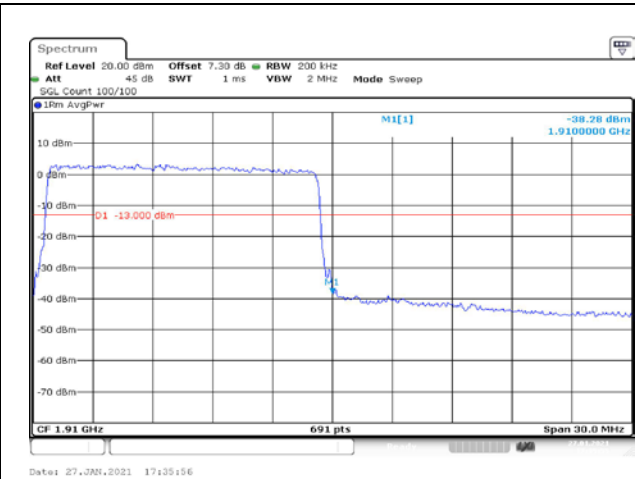


Fig.20

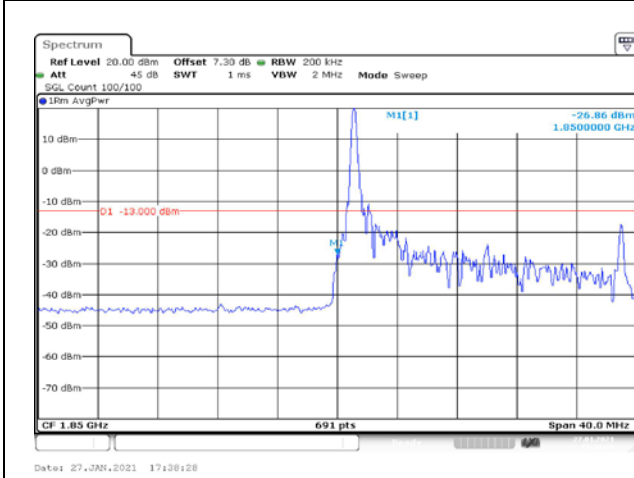


Fig.21

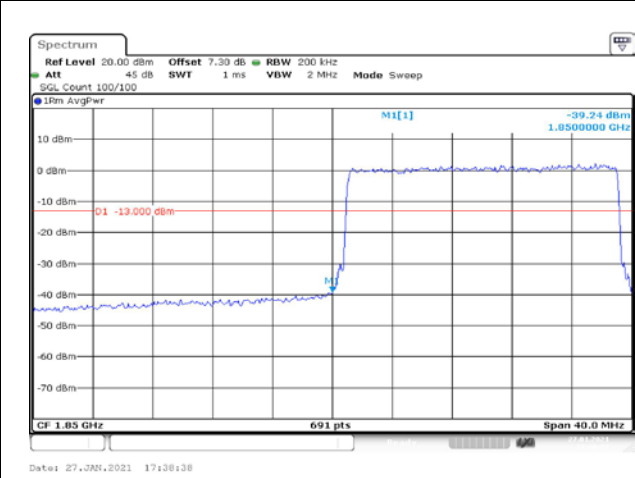


Fig.22

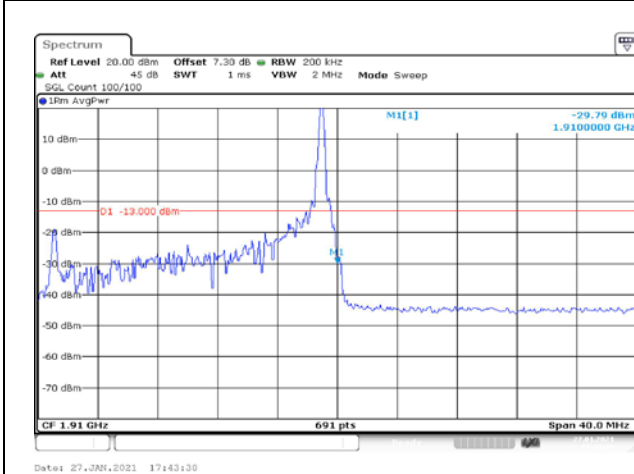


Fig.23

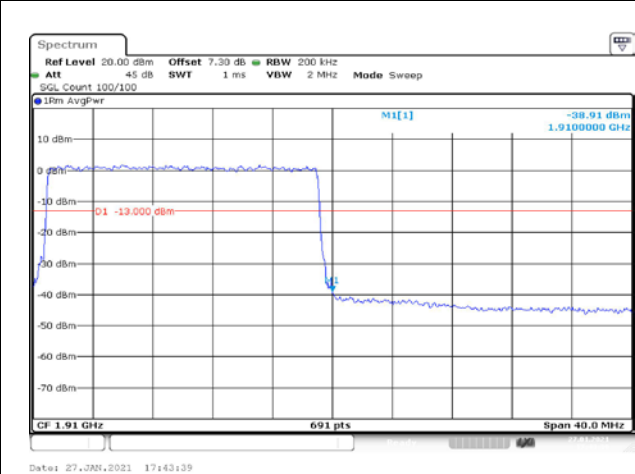


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.003	-0.003	-0.001	-0.004	-0.002	0.019
0	NV	-0.003	0.007	0.011	-0.026	-0.006	0.002
+10	NV	0.012	0.002	-0.008	-0.002	-0.011	0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.020	-0.024	0.023	-0.004	-0.008	0.002
+40	NV	0.022	-0.003	0.000	-0.021	-0.008	0.009
+50	NV	-0.003	-0.004	0.015	-0.032	-0.011	-0.004
+55	NV	-0.007	-0.011	0.002	-0.005	-0.006	0.010
+20	LV	-0.004	-0.019	0.014	-0.018	-0.011	0.015
+20	HV	0.008	-0.016	-0.013	-0.012	-0.008	0.010

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.002	0.010	-0.004	-0.008	0.006	-0.014
0	NV	0.008	0.006	0.024	-0.006	0.002	0.009
+10	NV	0.011	0.007	0.016	-0.003	0.000	0.017
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.007	0.022	0.020	-0.004	0.006	0.019
+40	NV	0.007	0.021	-0.001	-0.013	0.009	0.016
+50	NV	-0.002	0.001	0.019	-0.003	0.003	0.013
+55	NV	-0.003	0.004	0.012	-0.007	0.001	0.005
+20	LV	-0.007	0.019	0.015	0.013	0.010	-0.005
+20	HV	0.008	0.012	0.025	0.004	0.005	-0.006

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	1850.7	18607	1.4	1	0	24.14	25.21	0.332	
				1	3	24.09	25.16	0.328	
				1	5	24.17	25.24	0.334	
				3	0	23.23	24.30	0.269	
				3	1	23.22	24.29	0.269	
				3	3	23.18	24.25	0.266	
	6	0		23.12	24.19	0.262			
	1880	18900		1	0	24.07	25.14	0.327	
				1	3	24.01	25.08	0.322	
				1	5	24.06	25.13	0.326	
				3	0	23.27	24.34	0.272	
				3	1	23.19	24.26	0.267	
				3	3	23.26	24.33	0.271	
	6	0		23.40	24.47	0.280			
	1909.3	19193		1	0	24.33	25.40	0.347	
				1	3	24.39	25.46	0.352	
				1	5	24.41	25.48	0.353	
				3	0	23.46	24.53	0.284	
				3	1	23.48	24.55	0.285	
				3	3	23.43	24.50	0.282	
	6	0		23.42	24.49	0.281			
	16QAM	1850.7		18607	1	0	22.97	24.04	0.254
					1	3	23.04	24.11	0.258
					1	5	23.06	24.13	0.259
3					0	22.35	23.42	0.220	
3					1	22.27	23.34	0.216	
3					3	22.25	23.32	0.215	
6		0		22.40	23.47	0.222			
1880		18900		1	0	23.10	24.17	0.261	
				1	3	23.12	24.19	0.262	
				1	5	23.24	24.31	0.270	
				3	0	22.13	23.20	0.209	
				3	1	22.20	23.27	0.212	
				3	3	22.18	23.25	0.211	
6		0		22.24	23.31	0.214			
1909.3		19193		1	0	23.03	24.10	0.257	
				1	3	23.14	24.21	0.264	
				1	5	23.12	24.19	0.262	
				3	0	22.31	23.38	0.218	
				3	1	22.31	23.38	0.218	
				3	3	22.34	23.41	0.219	
				6	0	22.51	23.58	0.228	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1850.7	18607	1.4	1	0	22.47	23.54	0.226
				1	3	22.42	23.49	0.223
				1	5	22.49	23.56	0.227
				3	0	21.40	22.47	0.177
				3	1	21.46	22.53	0.179
				3	3	21.37	22.44	0.175
				6	0	21.44	22.51	0.178
	1880	18900		1	0	22.23	23.30	0.214
				1	3	22.26	23.33	0.215
				1	5	22.21	23.28	0.213
				3	0	21.20	22.27	0.169
				3	1	21.18	22.25	0.168
				3	3	21.25	22.32	0.171
				6	0	21.29	22.36	0.172
	1909.3	19193		1	0	22.39	23.46	0.222
				1	3	22.48	23.55	0.226
				1	5	22.47	23.54	0.226
				3	0	21.35	22.42	0.175
				3	1	21.29	22.36	0.172
				3	3	21.33	22.40	0.174
				6	0	21.21	22.28	0.169

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	24.06	25.13	0.326
				1	8	23.87	24.94	0.312
				1	14	24.15	25.22	0.333
				8	0	23.14	24.21	0.264
				8	4	23.26	24.33	0.271
				8	7	23.23	24.30	0.269
				15	0	23.20	24.27	0.267
	1880	18900		1	0	24.10	25.17	0.329
				1	8	24.19	25.26	0.336
				1	14	24.17	25.24	0.334
				8	0	23.04	24.11	0.258
				8	4	23.02	24.09	0.256
				8	7	23.17	24.24	0.265
				15	0	23.03	24.10	0.257
	1908.5	19185		1	0	24.42	25.49	0.354
				1	8	24.42	25.49	0.354
				1	14	24.47	25.54	0.358
				8	0	23.36	24.43	0.277
				8	4	23.36	24.43	0.277
				8	7	23.35	24.42	0.277
				15	0	23.46	24.53	0.284
16QAM	1851.5	18615	1	0	23.39	24.46	0.279	
			1	8	23.39	24.46	0.279	
			1	14	23.37	24.44	0.278	
			8	0	22.51	23.58	0.228	
			8	4	22.43	23.50	0.224	
			8	7	22.42	23.49	0.223	
			15	0	22.36	23.43	0.220	
	1880	18900	1	0	23.25	24.32	0.270	
			1	8	23.27	24.34	0.272	
			1	14	23.26	24.33	0.271	
			8	0	22.40	23.47	0.222	
			8	4	22.22	23.29	0.213	
			8	7	22.33	23.40	0.219	
			15	0	22.16	23.23	0.210	
	1908.5	19185	1	0	23.25	24.32	0.270	
			1	8	23.29	24.36	0.273	
			1	14	23.31	24.38	0.274	
			8	0	22.63	23.70	0.234	
			8	4	22.62	23.69	0.234	
			8	7	22.62	23.69	0.234	
			15	0	22.47	23.54	0.226	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1851.5	18615	3	1	0	22.27	23.34	0.216
				1	8	22.23	23.30	0.214
				1	14	22.25	23.32	0.215
				8	0	21.24	22.31	0.170
				8	4	21.23	22.30	0.170
				8	7	21.21	22.28	0.169
				15	0	21.33	22.40	0.174
	1880	18900		1	0	22.16	23.23	0.210
				1	8	22.15	23.22	0.210
				1	14	22.27	23.34	0.216
				8	0	21.15	22.22	0.167
				8	4	21.14	22.21	0.166
				8	7	21.25	22.32	0.171
				15	0	21.19	22.26	0.168
	1908.5	19185		1	0	22.47	23.54	0.226
				1	8	22.54	23.61	0.230
				1	14	22.53	23.60	0.229
				8	0	21.42	22.49	0.177
				8	4	21.43	22.50	0.178
				8	7	21.46	22.53	0.179
				15	0	21.45	22.52	0.179

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	24.26	25.33	0.341
				1	12	24.15	25.22	0.333
				1	24	24.20	25.27	0.337
				12	0	23.27	24.34	0.272
				12	7	23.28	24.35	0.272
				12	13	23.27	24.34	0.272
				25	0	23.23	24.30	0.269
	1880	18900		1	0	24.12	25.19	0.330
				1	12	24.12	25.19	0.330
				1	24	24.14	25.21	0.332
				12	0	23.08	24.15	0.260
				12	7	23.15	24.22	0.264
				12	13	23.08	24.15	0.260
				25	0	23.11	24.18	0.262
	1907.5	19175		1	0	24.22	25.29	0.338
				1	12	24.37	25.44	0.350
				1	24	24.42	25.49	0.354
				12	0	23.43	24.50	0.282
				12	7	23.41	24.48	0.281
				12	13	23.49	24.56	0.286
				25	0	23.45	24.52	0.283
16QAM	1852.5	18625	1	0	23.52	24.59	0.288	
			1	12	23.47	24.54	0.284	
			1	24	23.47	24.54	0.284	
			12	0	22.28	23.35	0.216	
			12	7	22.28	23.35	0.216	
			12	13	22.28	23.35	0.216	
			25	0	22.41	23.48	0.223	
	1880	18900	1	0	23.16	24.23	0.265	
			1	12	23.20	24.27	0.267	
			1	24	23.20	24.27	0.267	
			12	0	22.17	23.24	0.211	
			12	7	22.14	23.21	0.209	
			12	13	22.14	23.21	0.209	
			25	0	22.13	23.20	0.209	
	1907.5	19175	1	0	23.04	24.11	0.258	
			1	12	23.07	24.14	0.259	
			1	24	23.13	24.20	0.263	
			12	0	22.25	23.32	0.215	
			12	7	22.34	23.41	0.219	
			12	13	22.33	23.40	0.219	
			25	0	22.37	23.44	0.221	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1852.5	18625	5	1	0	22.41	23.48	0.223
				1	12	22.45	23.52	0.225
				1	24	22.43	23.50	0.224
				12	0	21.37	22.44	0.175
				12	7	21.40	22.47	0.177
				12	13	21.42	22.49	0.177
				25	0	21.30	22.37	0.173
	1880	18900		1	0	22.17	23.24	0.211
				1	12	22.13	23.20	0.209
				1	24	22.25	23.32	0.215
				12	0	21.14	22.21	0.166
				12	7	21.21	22.28	0.169
				12	13	21.20	22.27	0.169
				25	0	21.13	22.20	0.166
	1907.5	19175		1	0	22.37	23.44	0.221
				1	12	22.32	23.39	0.218
				1	24	22.31	23.38	0.218
				12	0	21.27	22.34	0.171
				12	7	21.31	22.38	0.173
				12	13	21.38	22.45	0.176
				25	0	21.17	22.24	0.167

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	24.30	25.37	0.344
				1	25	24.07	25.14	0.327
				1	49	24.06	25.13	0.326
				25	0	23.32	24.39	0.275
				25	12	23.23	24.30	0.269
				25	25	23.23	24.30	0.269
				50	0	23.29	24.36	0.273
	1880	18900		1	0	24.08	25.15	0.327
				1	25	24.09	25.16	0.328
				1	49	24.17	25.24	0.334
				25	0	23.17	24.24	0.265
				25	12	23.12	24.19	0.262
				25	25	23.12	24.19	0.262
				50	0	23.03	24.10	0.257
	1905	19150		1	0	24.32	25.39	0.346
				1	25	24.40	25.47	0.352
				1	49	24.49	25.56	0.360
				25	0	23.37	24.44	0.278
				25	12	23.43	24.50	0.282
				25	25	23.42	24.49	0.281
				50	0	23.42	24.49	0.281
16QAM	1855	18650		1	0	23.45	24.52	0.283
				1	25	23.37	24.44	0.278
				1	49	23.38	24.45	0.279
				25	0	22.39	23.46	0.222
				25	12	22.22	23.29	0.213
				25	25	22.27	23.34	0.216
				50	0	22.28	23.35	0.216
	1880	18900		1	0	23.92	24.99	0.316
				1	25	23.91	24.98	0.315
				1	49	23.81	24.88	0.308
				25	0	22.18	23.25	0.211
				25	12	22.23	23.30	0.214
				25	25	22.24	23.31	0.214
				50	0	22.18	23.25	0.211
	1905	19150		1	0	23.20	24.27	0.267
				1	25	23.29	24.36	0.273
				1	49	23.28	24.35	0.272
				25	0	22.53	23.60	0.229
				25	12	22.58	23.65	0.232
				25	25	22.58	23.65	0.232
				50	0	22.49	23.56	0.227

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1855	18650	10	1	0	22.24	23.31	0.214
				1	25	22.28	23.35	0.216
				1	49	22.22	23.29	0.213
				25	0	21.21	22.28	0.169
				25	12	21.43	22.50	0.178
				25	25	21.27	22.34	0.171
				50	0	21.37	22.44	0.175
	1880	18900		1	0	22.24	23.31	0.214
				1	25	22.29	23.36	0.217
				1	49	22.13	23.20	0.209
				25	0	21.16	22.23	0.167
				25	12	21.35	22.42	0.175
				25	25	21.29	22.36	0.172
				50	0	21.41	22.48	0.177
	1905	19150		1	0	22.49	23.56	0.227
				1	25	22.23	23.30	0.214
				1	49	22.39	23.46	0.222
				25	0	21.42	22.49	0.177
				25	12	21.49	22.56	0.180
				25	25	21.41	22.48	0.177
				50	0	21.28	22.35	0.172

Modulation	Carrier frequency (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	24.22	25.29	0.338
				1	37	24.08	25.15	0.327
				1	74	24.07	25.14	0.327
				36	0	23.25	24.32	0.270
				36	29	23.18	24.25	0.266
				36	30	23.18	24.25	0.266
				75	0	23.19	24.26	0.267
	1880	18900		1	0	24.02	25.09	0.323
				1	37	24.08	25.15	0.327
				1	74	24.07	25.14	0.327
				36	0	23.13	24.20	0.263
				36	29	23.08	24.15	0.260
				36	30	23.08	24.15	0.260
				75	0	23.08	24.15	0.260
	1902.5	19125		1	0	24.13	25.20	0.331
				1	37	24.30	25.37	0.344
				1	74	24.27	25.34	0.342
				36	0	23.29	24.36	0.273
				36	29	23.46	24.53	0.284
				36	30	23.45	24.52	0.283
				75	0	23.29	24.36	0.273
16QAM	1857.5	18675	1	0	23.53	24.60	0.288	
			1	37	23.38	24.45	0.279	
			1	74	23.38	24.45	0.279	
			36	0	22.41	23.48	0.223	
			36	29	22.31	23.38	0.218	
			36	30	22.32	23.39	0.218	
			75	0	22.34	23.41	0.219	
	1880	18900	1	0	23.43	24.50	0.282	
			1	37	23.46	24.53	0.284	
			1	74	23.81	24.88	0.308	
			36	0	22.15	23.22	0.210	
			36	29	22.26	23.33	0.215	
			36	30	22.27	23.34	0.216	
			75	0	22.17	23.24	0.211	
	1902.5	19125	1	0	23.62	24.69	0.294	
			1	37	23.70	24.77	0.300	
			1	74	23.69	24.76	0.299	
			36	0	22.29	23.36	0.217	
			36	29	22.41	23.48	0.223	
			36	30	22.41	23.48	0.223	
			75	0	22.29	23.36	0.217	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1857.5	18675	15	1	0	22.34	23.41	0.219
				1	37	22.31	23.38	0.218
				1	74	22.26	23.33	0.215
				36	0	21.34	22.41	0.174
				36	29	21.31	22.38	0.173
				36	30	21.35	22.42	0.175
				75	0	21.27	22.34	0.171
	1880	18900		1	0	22.17	23.24	0.211
				1	37	22.31	23.38	0.218
				1	74	22.12	23.19	0.208
				36	0	21.19	22.26	0.168
				36	29	21.24	22.31	0.170
				36	30	21.11	22.18	0.165
				75	0	21.24	22.31	0.170
	1902.5	19125		1	0	22.29	23.36	0.217
				1	37	22.33	23.40	0.219
				1	74	22.30	23.37	0.217
				36	0	21.27	22.34	0.171
				36	29	21.45	22.52	0.179
				36	30	21.16	22.23	0.167
				75	0	21.31	22.38	0.173

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1860	18700	20	1	0	24.31	25.38	0.345	
				1	49	24.20	25.27	0.337	
				1	99	24.20	25.27	0.337	
				50	0	23.17	24.24	0.265	
				50	24	23.21	24.28	0.268	
				50	50	23.21	24.28	0.268	
	1880	18900		100	0	23.18	24.25	0.266	
				1	0	24.37	25.44	0.350	
				1	49	24.50	25.57	0.361	
				1	99	24.48	25.55	0.359	
				50	0	23.20	24.27	0.267	
				50	24	23.16	24.23	0.265	
				50	50	23.16	24.23	0.265	
				100	0	23.25	24.32	0.270	
	1900	19100		1	0	24.20	25.27	0.337	
				1	49	24.44	25.51	0.356	
				1	99	24.41	25.48	0.353	
				50	0	23.26	24.33	0.271	
				50	24	23.41	24.48	0.281	
				50	50	23.41	24.48	0.281	
				100	0	23.25	24.32	0.270	
				16QAM	1860	18700	1	0	23.24
	1	49					23.00	24.07	0.255
	1	99					23.00	24.07	0.255
50	0	22.40					23.47	0.222	
50	24	22.24					23.31	0.214	
50	50	22.25					23.32	0.215	
1880	18900	100			0	22.22	23.29	0.213	
		1			0	23.26	24.33	0.271	
		1			49	23.28	24.35	0.272	
		1			99	23.27	24.34	0.272	
		50			0	22.19	23.26	0.212	
		50			24	22.26	23.33	0.215	
		50			50	22.27	23.34	0.216	
		100			0	22.23	23.30	0.214	
1900	19100	1			0	23.14	24.21	0.264	
		1			49	23.10	24.17	0.261	
		1			99	23.12	24.19	0.262	
		50			0	22.26	23.33	0.215	
		50			24	22.36	23.43	0.220	
		50			50	22.37	23.44	0.221	
		100			0	22.39	23.46	0.222	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1860	18700	20	1	0	22.26	23.33	0.215
				1	49	22.47	23.54	0.226
				1	99	22.15	23.22	0.210
				50	0	21.22	22.29	0.169
				50	24	21.13	22.20	0.166
				50	50	21.32	22.39	0.173
				100	0	21.18	22.25	0.168
	1880	18900		1	0	22.24	23.31	0.214
				1	49	22.27	23.34	0.216
				1	99	22.21	23.28	0.213
				50	0	21.20	22.27	0.169
				50	24	21.23	22.30	0.170
				50	50	21.22	22.29	0.169
				100	0	21.46	22.53	0.179
	1900	19100		1	0	22.41	23.48	0.223
				1	49	22.26	23.33	0.215
				1	99	22.38	23.45	0.221
				50	0	21.17	22.24	0.167
				50	24	21.31	22.38	0.173
				50	50	21.28	22.35	0.172
				100	0	21.42	22.49	0.177