

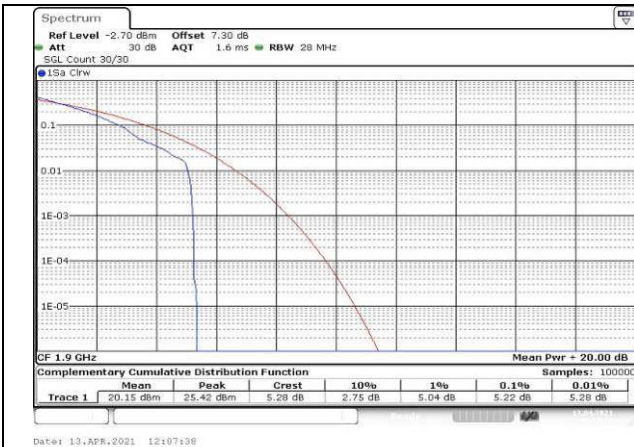


Fig.103

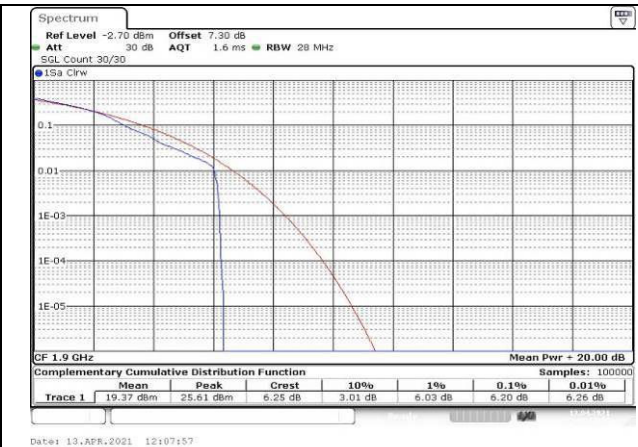


Fig.104

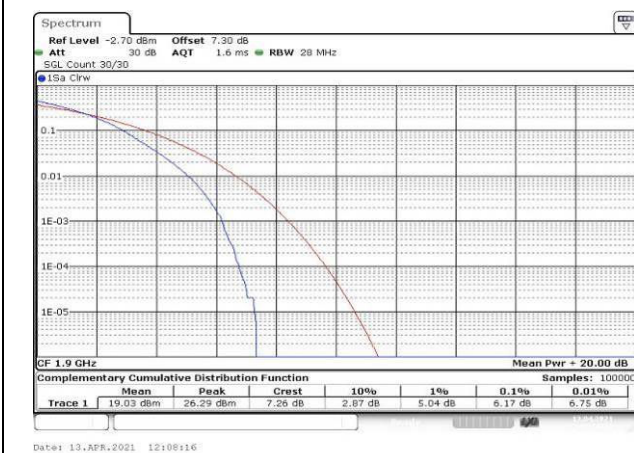


Fig.105

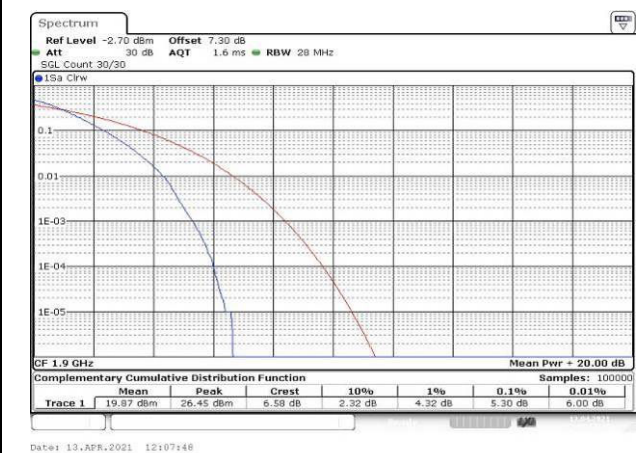


Fig.106

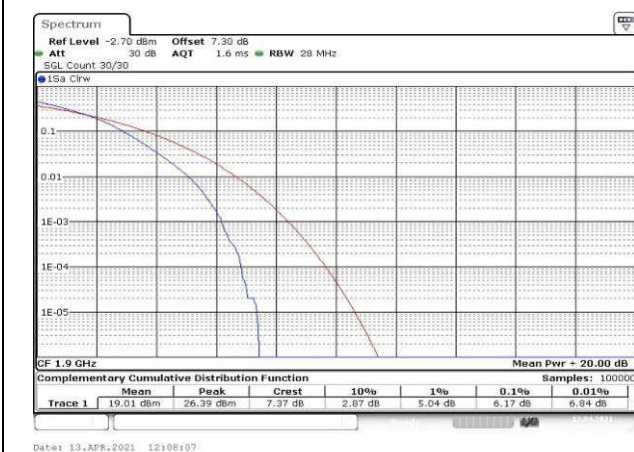


Fig.107

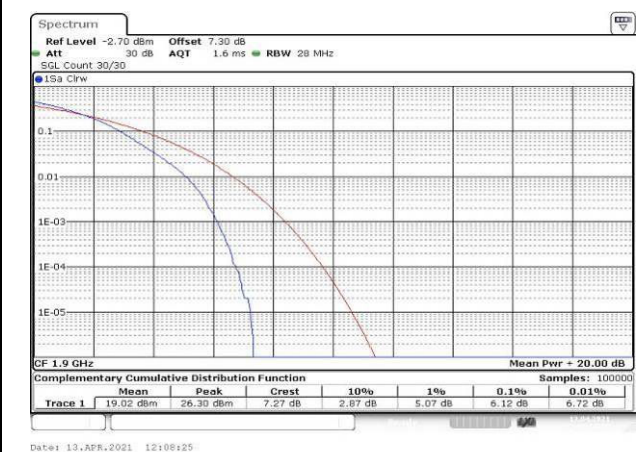


Fig.108

5 Spurious Emissions at antenna terminal

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

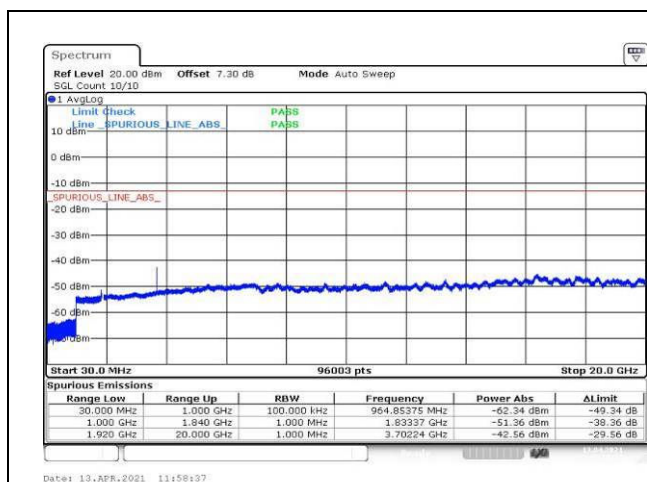


Fig.1

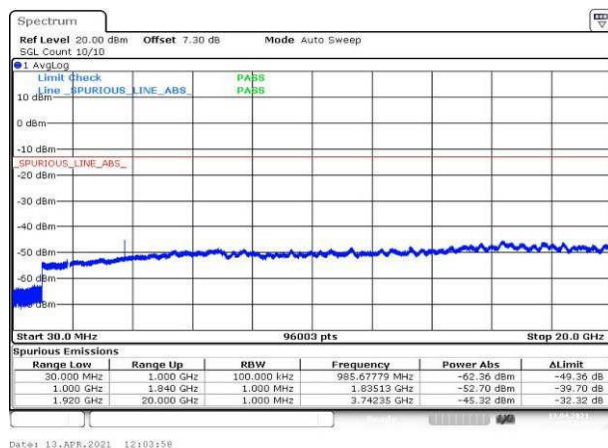


Fig.2

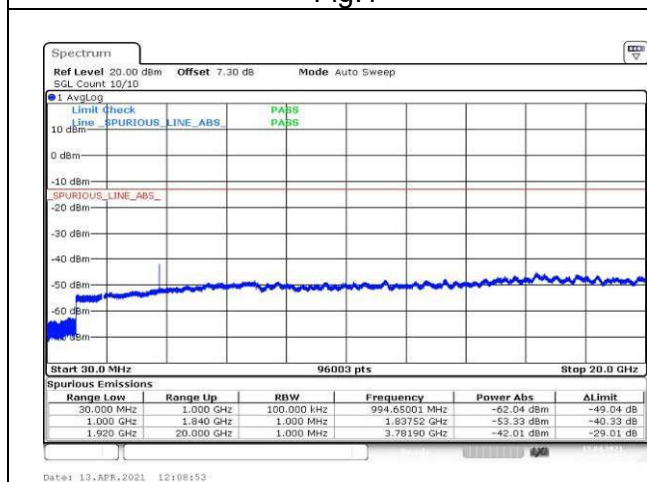


Fig.3

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

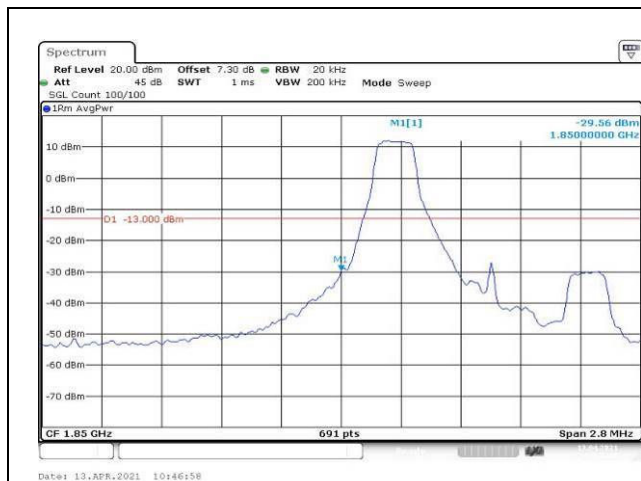


Fig.1

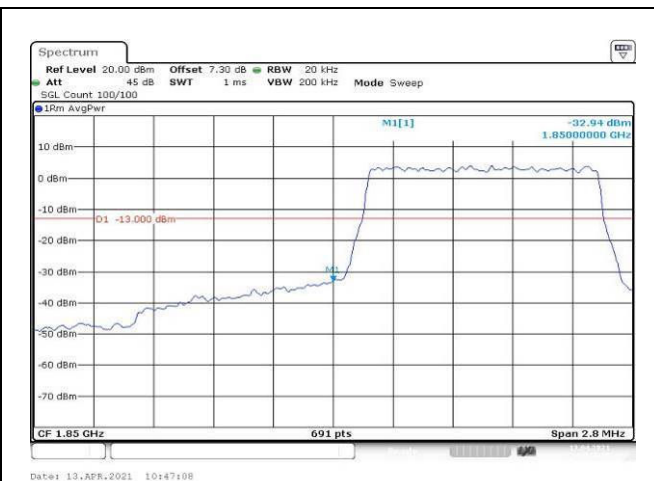


Fig.2

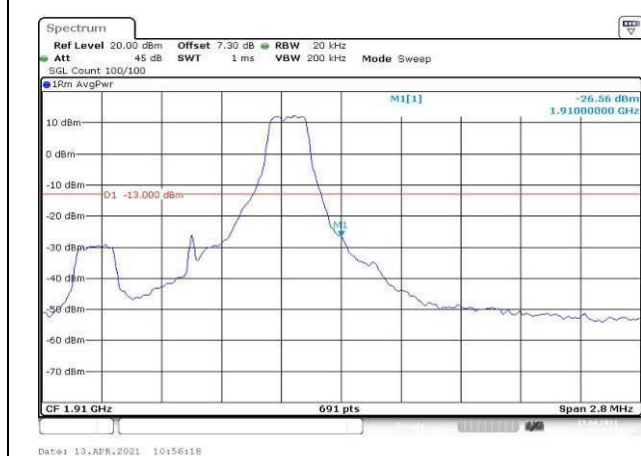


Fig.3

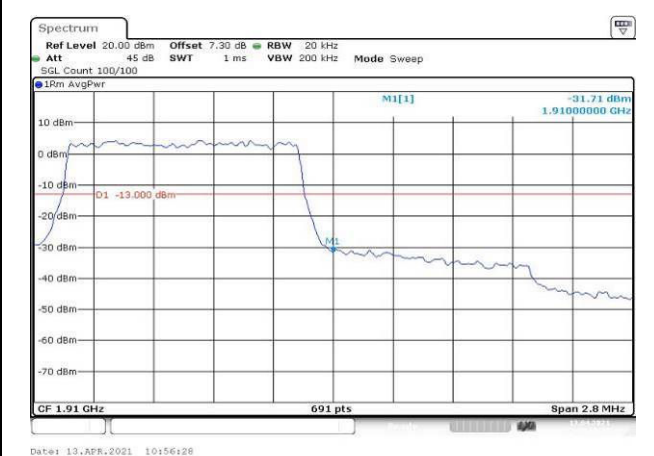


Fig.4

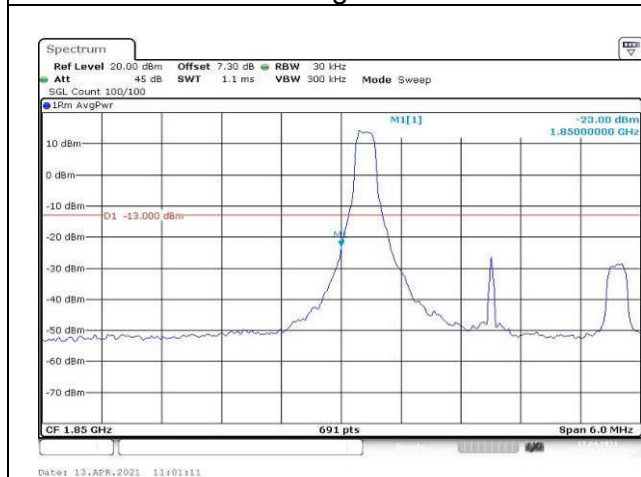


Fig.5

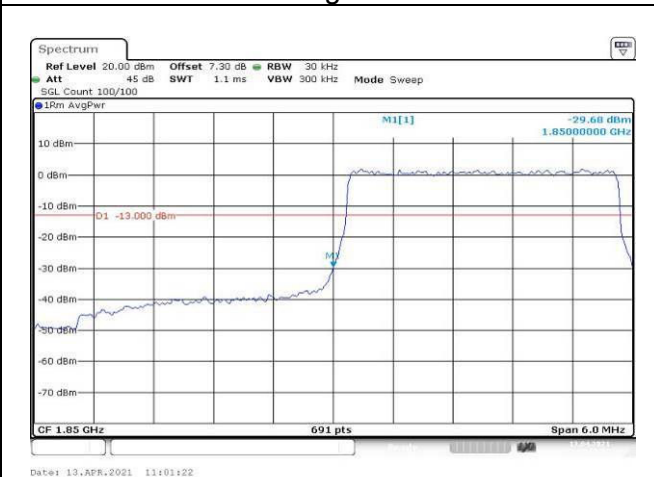


Fig.6

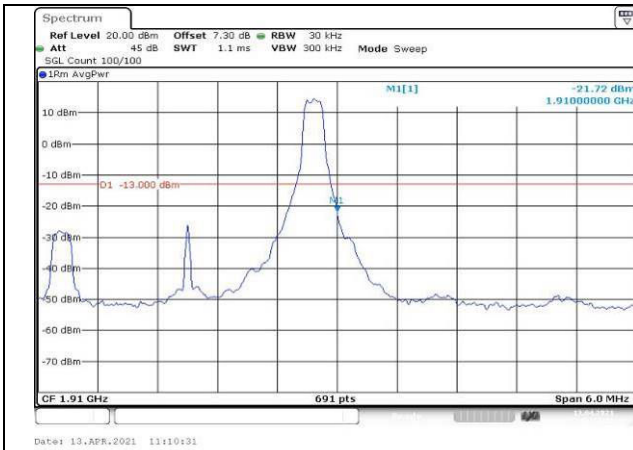


Fig.7

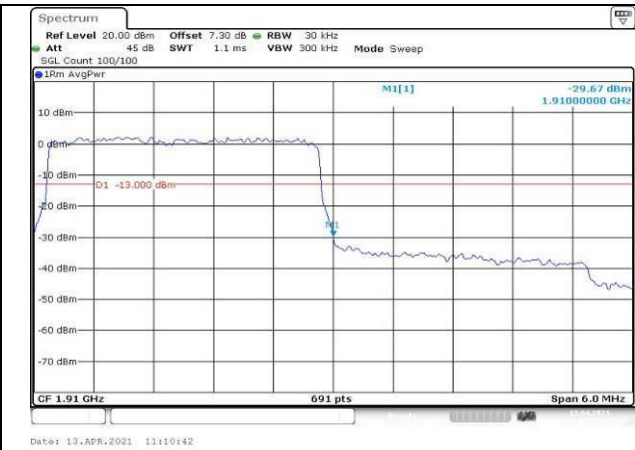


Fig.8

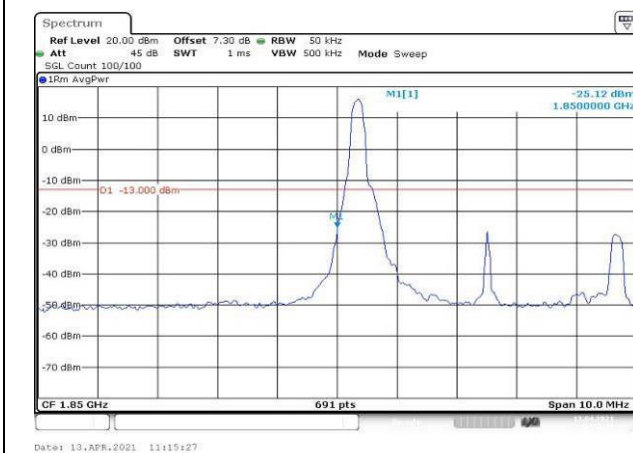


Fig.9

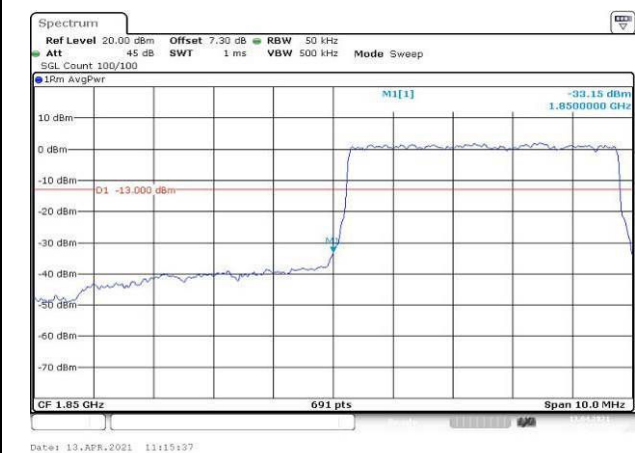


Fig.10

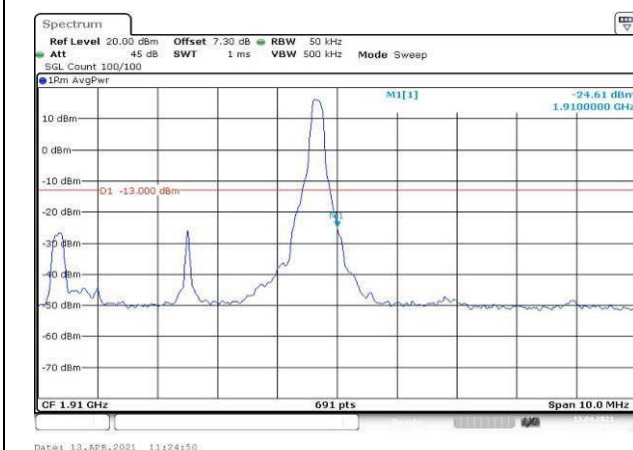


Fig.11

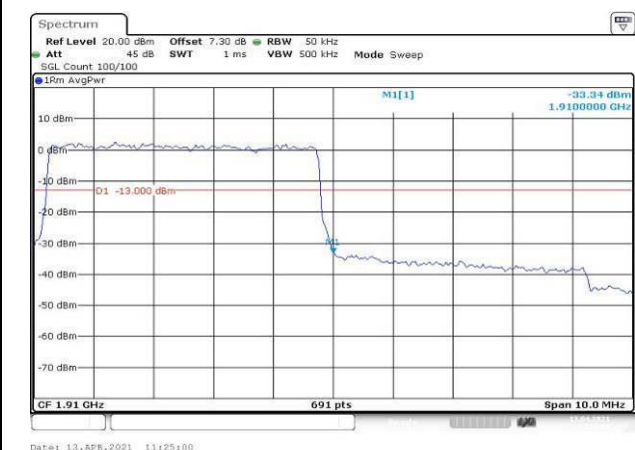


Fig.12

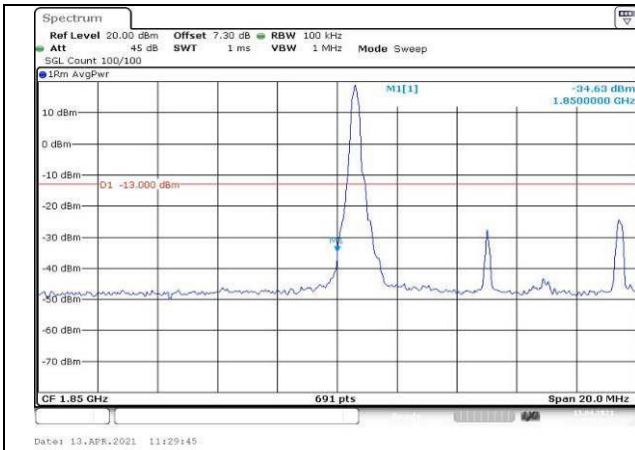


Fig.13

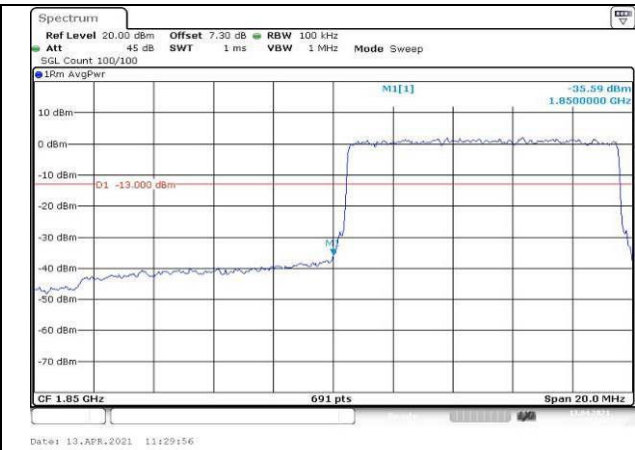


Fig.14

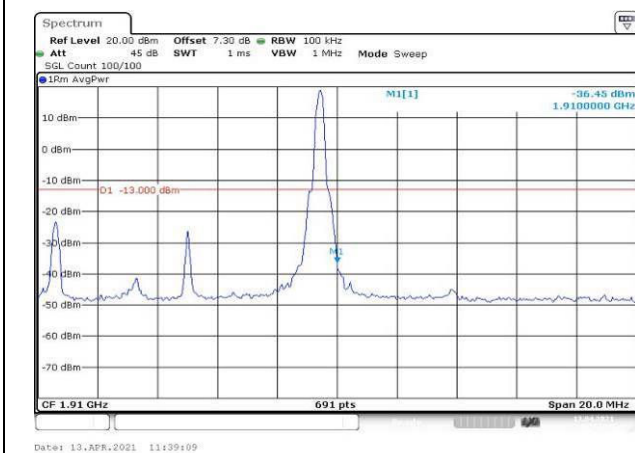


Fig.15

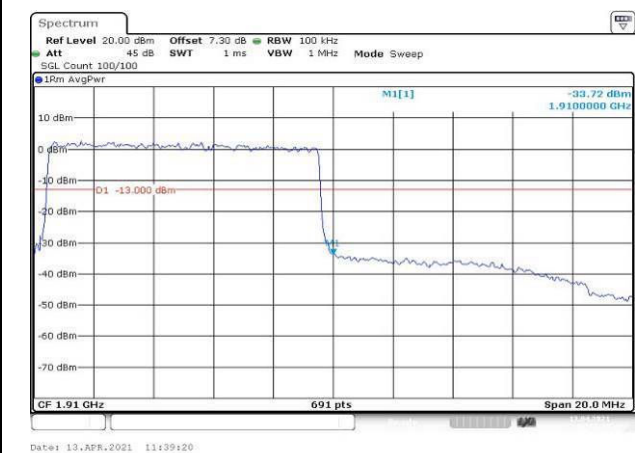


Fig.16

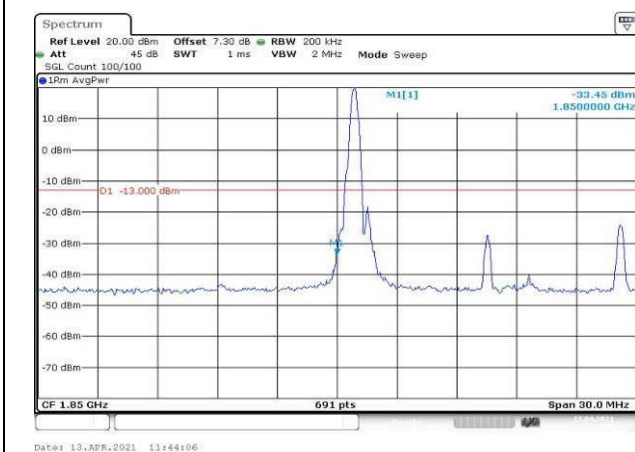


Fig.17

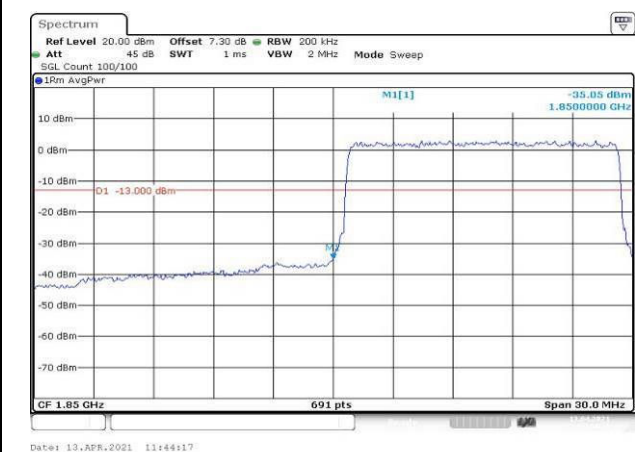


Fig.18

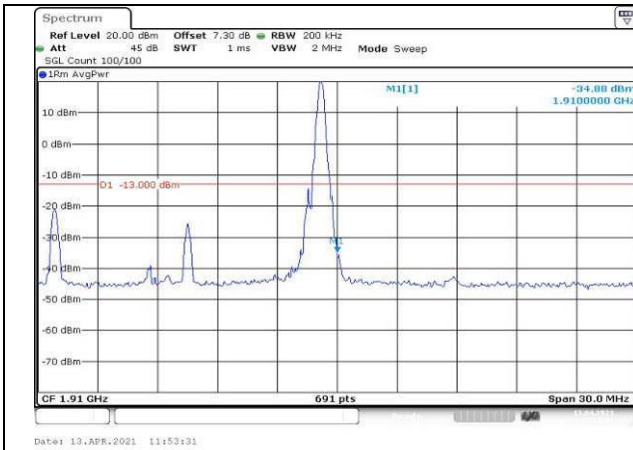


Fig.19

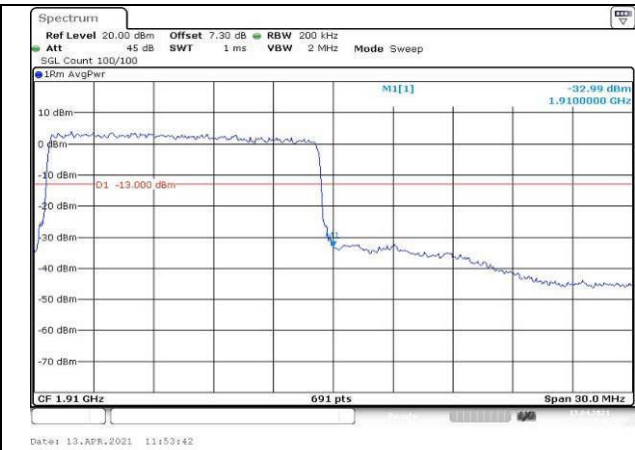


Fig.20

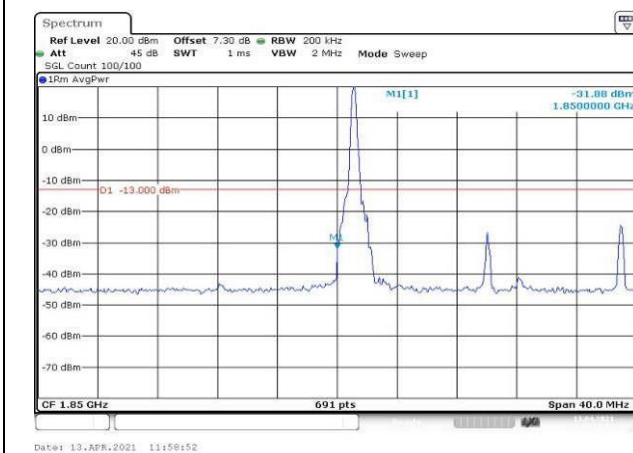


Fig.21

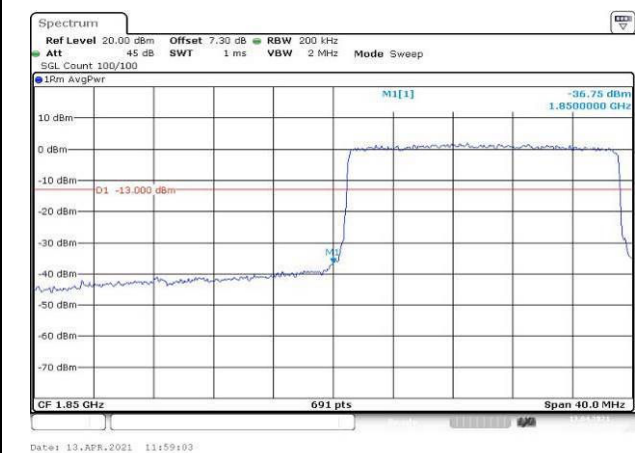


Fig.22

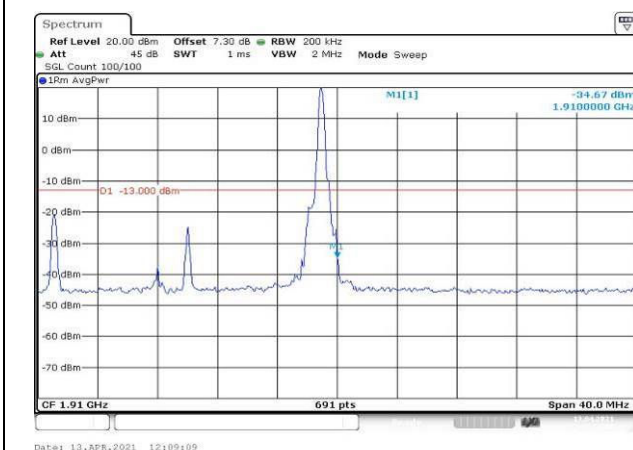


Fig.23

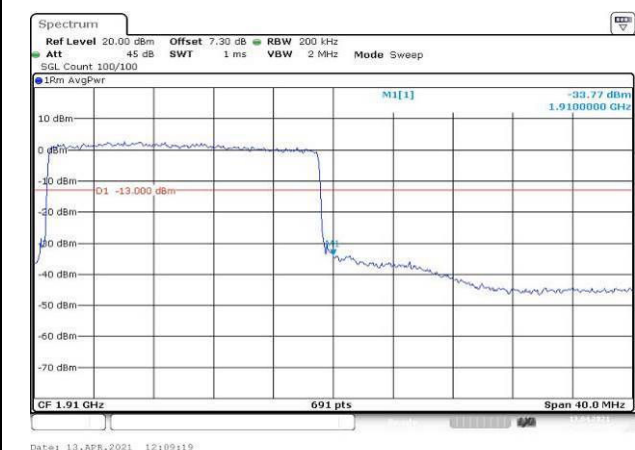


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	0.005	0.004	-0.002	-0.003	0.003	-0.003
-30	NV	-0.013	0.005	-0.003	-0.004	0.003	-0.002
-20	NV	-0.009	0.006	-0.003	0.003	0.003	0.001
-10	NV	-0.002	0.003	-0.001	-0.002	0.003	-0.002
0	NV	-0.015	0.003	-0.001	0.000	0.003	0.002
+10	NV	-0.002	0.004	-0.004	-0.001	0.004	0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.012	0.005	-0.001	0.002	0.004	-0.005
+40	NV	0.005	0.003	-0.002	0.001	0.004	0.001
+50	NV	-0.008	0.004	-0.001	0.001	0.005	-0.002
+55	NV	-0.005	0.004	-0.005	0.003	0.002	-0.005
+20	LV	-0.004	0.004	-0.001	-0.001	0.002	0.004
+20	HV	-0.009	0.005	-0.004	0.001	0.004	-0.003

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	0.003	0.004	0.002	-0.002	0.004	0.002
-30	NV	0.006	0.005	0.001	-0.002	0.004	0.004
-20	NV	0.005	0.005	0.004	-0.003	0.003	0.002
-10	NV	0.008	0.006	0.004	-0.001	0.005	0.000
0	NV	-0.007	0.004	0.001	-0.001	0.004	-0.001
+10	NV	0.005	0.004	0.002	-0.004	0.002	0.004
+20	NV	-0.005	0.004	-0.001	0.002	0.004	0.000
+30	NV	0.003	0.004	0.000	0.001	0.004	0.001
+40	NV	-0.002	0.001	0.000	-0.004	0.005	0.003
+50	NV	-0.001	0.006	0.001	-0.002	0.007	-0.001
+55	NV	-0.003	0.004	0.006	-0.004	0.004	-0.005
+20	LV	-0.010	0.005	-0.001	-0.004	0.004	0.001
+20	HV	0.001	0.005	0.001	-0.003	0.005	0.002

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	21.05	25.05	0.320	
				1	3	21.08	25.08	0.322	
				1	5	21.06	25.06	0.321	
				3	0	21.08	25.08	0.322	
				3	1	21.05	25.05	0.320	
				3	3	21.10	25.10	0.324	
				6	0	20.07	24.07	0.255	
	1880	18900		1	0	20.95	24.95	0.313	
				1	3	20.90	24.90	0.309	
				1	5	20.86	24.86	0.306	
				3	0	20.89	24.89	0.308	
				3	1	20.86	24.86	0.306	
				3	3	20.88	24.88	0.308	
				6	0	19.88	23.88	0.244	
	1909.3	19193		1	0	21.30	25.30	0.339	
				1	3	21.24	25.24	0.334	
				1	5	21.37	25.37	0.344	
				3	0	21.34	25.34	0.342	
				3	1	21.36	25.36	0.344	
				3	3	21.30	25.30	0.339	
				6	0	20.25	24.25	0.266	
	16QAM	1850.7		18607	1	0	20.21	24.21	0.264
					1	3	20.11	24.11	0.258
					1	5	20.15	24.15	0.260
3					0	20.29	24.29	0.269	
3					1	20.33	24.33	0.271	
3					3	20.34	24.34	0.272	
6					0	19.19	23.19	0.208	
1880		18900		1	0	20.01	24.01	0.252	
				1	3	19.99	23.99	0.251	
				1	5	19.98	23.98	0.250	
				3	0	19.87	23.87	0.244	
				3	1	19.85	23.85	0.243	
				3	3	19.85	23.85	0.243	
				6	0	18.99	22.99	0.199	
1909.3		19193		1	0	20.52	24.52	0.283	
				1	3	20.49	24.49	0.281	
				1	5	20.51	24.51	0.282	
				3	0	20.42	24.42	0.277	
				3	1	20.36	24.36	0.273	
				3	3	20.36	24.36	0.273	
				6	0	19.07	23.07	0.203	

Modulation	Carrier frequen cy (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	19.18	23.18	0.208
				1	3	19.17	23.17	0.207
				1	5	19.16	23.16	0.207
				3	0	19.14	23.14	0.206
				3	1	19.13	23.13	0.206
				3	3	19.12	23.12	0.205
				6	0	19.11	23.11	0.205
	1880	18900		1	0	18.99	22.99	0.199
				1	3	18.93	22.93	0.196
				1	5	18.96	22.96	0.198
				3	0	18.90	22.90	0.195
				3	1	19.00	23.00	0.200
				3	3	18.99	22.99	0.199
				6	0	18.96	22.96	0.198
	1909.3	19193		1	0	19.15	23.15	0.207
				1	3	19.15	23.15	0.207
				1	5	19.22	23.22	0.210
				3	0	19.18	23.18	0.208
				3	1	19.07	23.07	0.203
				3	3	19.12	23.12	0.205
				6	0	19.20	23.20	0.209

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	21.27	25.27	0.337
				1	8	21.15	25.15	0.327
				1	14	21.21	25.21	0.332
				8	0	20.28	24.28	0.268
				8	4	20.29	24.29	0.269
				8	7	20.29	24.29	0.269
				15	0	20.29	24.29	0.269
	1880	18900		1	0	21.02	25.02	0.318
				1	8	20.98	24.98	0.315
				1	14	20.97	24.97	0.314
				8	0	20.03	24.03	0.253
				8	4	19.98	23.98	0.250
				8	7	20.01	24.01	0.252
				15	0	20.03	24.03	0.253
	1908.5	19185		1	0	21.32	25.32	0.340
				1	8	21.42	25.42	0.348
				1	14	21.44	25.44	0.350
				8	0	20.37	24.37	0.274
				8	4	20.36	24.36	0.273
				8	7	20.45	24.45	0.279
				15	0	20.31	24.31	0.270
16QAM	1851.5	18615	1	0	20.91	24.91	0.310	
			1	8	20.84	24.84	0.305	
			1	14	20.83	24.83	0.304	
			8	0	19.45	23.45	0.221	
			8	4	19.43	23.43	0.220	
			8	7	19.44	23.44	0.221	
			15	0	19.32	23.32	0.215	
	1880	18900	1	0	20.15	24.15	0.260	
			1	8	20.03	24.03	0.253	
			1	14	20.03	24.03	0.253	
			8	0	18.97	22.97	0.198	
			8	4	18.95	22.95	0.197	
			8	7	18.95	22.95	0.197	
			15	0	18.95	22.95	0.197	
	1908.5	19185	1	0	20.50	24.50	0.282	
			1	8	20.13	24.13	0.259	
			1	14	20.45	24.45	0.279	
			8	0	19.34	23.34	0.216	
			8	4	19.42	23.42	0.220	
			8	7	19.42	23.42	0.220	
			15	0	19.41	23.41	0.219	

Modulation	Carrier frequern 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	19.39	23.39	0.218
				1	8	19.33	23.33	0.215
				1	14	19.33	23.33	0.215
				8	0	19.33	23.33	0.215
				8	4	19.33	23.33	0.215
				8	7	19.33	23.33	0.215
				15	0	19.34	23.34	0.216
	1880	18900		1	0	18.95	22.95	0.197
				1	8	18.95	22.95	0.197
				1	14	18.95	22.95	0.197
				8	0	18.95	22.95	0.197
				8	4	18.96	22.96	0.198
				8	7	18.96	22.96	0.198
				15	0	18.96	22.96	0.198
	1908.5	19185		1	0	19.37	23.37	0.217
				1	8	19.41	23.41	0.219
				1	14	19.33	23.33	0.215
				8	0	19.39	23.39	0.218
				8	4	19.43	23.43	0.220
				8	7	19.44	23.44	0.221
				15	0	19.43	23.43	0.220

Modulation	Carrier frequency (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	21.41	25.41	0.348
				1	12	21.24	25.24	0.334
				1	24	21.23	25.23	0.333
				12	0	20.27	24.27	0.267
				12	7	20.22	24.22	0.264
				12	13	20.19	24.19	0.262
				25	0	20.28	24.28	0.268
	1880	18900		1	0	21.11	25.11	0.324
				1	12	20.96	24.96	0.313
				1	24	20.94	24.94	0.312
				12	0	20.00	24.00	0.251
				12	7	19.97	23.97	0.249
				12	13	19.96	23.96	0.249
				25	0	19.99	23.99	0.251
	1907.5	19175		1	0	21.40	25.40	0.347
				1	12	21.47	25.47	0.352
				1	24	21.41	25.41	0.348
				12	0	20.40	24.40	0.275
				12	7	20.31	24.31	0.270
				12	13	20.29	24.29	0.269
				25	0	20.32	24.32	0.270
16QAM	1852.5	18625	1	0	20.42	24.42	0.277	
			1	12	20.25	24.25	0.266	
			1	24	20.29	24.29	0.269	
			12	0	19.25	23.25	0.211	
			12	7	19.24	23.24	0.211	
			12	13	19.25	23.25	0.211	
			25	0	19.33	23.33	0.215	
	1880	18900	1	0	20.39	24.39	0.275	
			1	12	20.19	24.19	0.262	
			1	24	20.25	24.25	0.266	
			12	0	19.09	23.09	0.204	
			12	7	19.06	23.06	0.202	
			12	13	19.02	23.02	0.200	
			25	0	18.96	22.96	0.198	
	1907.5	19175	1	0	20.48	24.48	0.281	
			1	12	20.27	24.27	0.267	
			1	24	20.53	24.53	0.284	
			12	0	19.37	23.37	0.217	
			12	7	19.33	23.33	0.215	
			12	13	19.33	23.33	0.215	
			25	0	19.44	23.44	0.221	

Modulation	Carrier frequency (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	19.33	23.33	0.215
				1	12	19.33	23.33	0.215
				1	24	19.34	23.34	0.216
				12	0	19.34	23.34	0.216
				12	7	19.34	23.34	0.216
				12	13	19.34	23.34	0.216
				25	0	19.34	23.34	0.216
	1880	18900		1	0	19.05	23.05	0.202
				1	12	18.97	22.97	0.198
				1	24	19.09	23.09	0.204
				12	0	19.01	23.01	0.200
				12	7	18.98	22.98	0.199
				12	13	18.98	22.98	0.199
				25	0	18.99	22.99	0.199
	1907.5	19175		1	0	19.44	23.44	0.221
				1	12	19.45	23.45	0.221
				1	24	19.42	23.42	0.220
				12	0	19.42	23.42	0.220
				12	7	19.45	23.45	0.221
				12	13	19.36	23.36	0.217
				25	0	19.42	23.42	0.220

Modulation	Carrier frequen 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	21.53	25.53	0.357
				1	25	21.41	25.41	0.348
				1	49	21.43	25.43	0.349
				25	0	20.31	24.31	0.270
				25	12	20.22	24.22	0.264
				25	25	20.23	24.23	0.265
				50	0	20.26	24.26	0.267
	1880	18900		1	0	21.38	25.38	0.345
				1	25	21.16	25.16	0.328
				1	49	21.20	25.20	0.331
				25	0	20.08	24.08	0.256
				25	12	20.03	24.03	0.253
				25	25	20.03	24.03	0.253
				50	0	20.06	24.06	0.255
	1905	19150		1	0	21.34	25.34	0.342
				1	25	21.41	25.41	0.348
				1	49	21.50	25.50	0.355
				25	0	20.32	24.32	0.270
				25	12	20.39	24.39	0.275
				25	25	20.37	24.37	0.274
				50	0	20.42	24.42	0.277
16QAM	1855	18650	1	0	21.17	25.17	0.329	
			1	25	21.05	25.05	0.320	
			1	49	20.99	24.99	0.316	
			25	0	19.39	23.39	0.218	
			25	12	19.24	23.24	0.211	
			25	25	19.24	23.24	0.211	
			50	0	19.30	23.30	0.214	
	1880	18900	1	0	20.43	24.43	0.277	
			1	25	20.31	24.31	0.270	
			1	49	20.20	24.20	0.263	
			25	0	19.16	23.16	0.207	
			25	12	19.02	23.02	0.200	
			25	25	19.05	23.05	0.202	
			50	0	19.06	23.06	0.202	
	1905	19150	1	0	20.40	24.40	0.275	
			1	25	20.18	24.18	0.262	
			1	49	20.35	24.35	0.272	
			25	0	19.46	23.46	0.222	
			25	12	19.50	23.50	0.224	
			25	25	19.50	23.50	0.224	
			50	0	19.51	23.51	0.224	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1855	18650	10	1	0	19.30	23.30	0.214
				1	25	19.24	23.24	0.211
				1	49	19.28	23.28	0.213
				25	0	19.31	23.31	0.214
				25	12	19.31	23.31	0.214
				25	25	19.28	23.28	0.213
				50	0	19.28	23.28	0.213
	1880	18900		1	0	19.06	23.06	0.202
				1	25	19.07	23.07	0.203
				1	49	19.07	23.07	0.203
				25	0	19.07	23.07	0.203
				25	12	19.08	23.08	0.203
				25	25	19.08	23.08	0.203
				50	0	19.08	23.08	0.203
	1905	19150		1	0	19.48	23.48	0.223
				1	25	19.49	23.49	0.223
				1	49	19.49	23.49	0.223
				25	0	19.50	23.50	0.224
				25	12	19.46	23.46	0.222
				25	25	19.47	23.47	0.222
				50	0	19.47	23.47	0.222

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	21.37	25.37	0.344
				1	37	21.10	25.10	0.324
				1	74	21.10	25.10	0.324
				36	0	20.30	24.30	0.269
				36	29	20.25	24.25	0.266
				36	30	20.25	24.25	0.266
				75	0	20.22	24.22	0.264
	1880	18900		1	0	21.24	25.24	0.334
				1	37	21.11	25.11	0.324
				1	74	21.01	25.01	0.317
				36	0	20.13	24.13	0.259
				36	29	20.05	24.05	0.254
				36	30	20.04	24.04	0.254
				75	0	20.06	24.06	0.255
	1902.5	19125		1	0	21.47	25.47	0.352
				1	37	21.49	25.49	0.354
				1	74	21.55	25.55	0.359
				36	0	20.41	24.41	0.276
				36	29	20.46	24.46	0.279
				36	30	20.56	24.56	0.286
				75	0	20.45	24.45	0.279
16QAM	1857.5	18675	1	0	20.97	24.97	0.314	
			1	37	20.73	24.73	0.297	
			1	74	20.73	24.73	0.297	
			36	0	19.35	23.35	0.216	
			36	29	19.30	23.30	0.214	
			36	30	19.28	23.28	0.213	
			75	0	19.21	23.21	0.209	
	1880	18900	1	0	20.37	24.37	0.274	
			1	37	20.23	24.23	0.265	
			1	74	20.25	24.25	0.266	
			36	0	19.16	23.16	0.207	
			36	29	19.02	23.02	0.200	
			36	30	19.02	23.02	0.200	
			75	0	19.06	23.06	0.202	
	1902.5	19125	1	0	21.12	25.12	0.325	
			1	37	21.01	25.01	0.317	
			1	74	21.25	25.25	0.335	
			36	0	19.51	23.51	0.224	
			36	29	19.51	23.51	0.224	
			36	30	19.52	23.52	0.225	
			75	0	19.48	23.48	0.223	

Modulation	Carrier frequency (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	19.20	23.20	0.209
				1	37	19.20	23.20	0.209
				1	74	19.21	23.21	0.209
				36	0	19.21	23.21	0.209
				36	29	19.27	23.27	0.212
				36	30	19.24	23.24	0.211
				75	0	19.21	23.21	0.209
	1880	18900		1	0	19.06	23.06	0.202
				1	37	19.07	23.07	0.203
				1	74	19.07	23.07	0.203
				36	0	19.08	23.08	0.203
				36	29	19.08	23.08	0.203
				36	30	19.08	23.08	0.203
				75	0	19.08	23.08	0.203
	1902.5	19125		1	0	19.42	23.42	0.220
				1	37	19.43	23.43	0.220
				1	74	19.43	23.43	0.220
				36	0	19.34	23.34	0.216
				36	29	19.35	23.35	0.216
				36	30	19.35	23.35	0.216
				75	0	19.35	23.35	0.216

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	21.59	25.59	0.362
				1	49	21.31	25.31	0.340
				1	99	21.21	25.21	0.332
				50	0	20.36	24.36	0.273
				50	24	20.15	24.15	0.260
				50	50	20.19	24.19	0.262
				100	0	20.20	24.20	0.263
	1880	18900		1	0	21.43	25.43	0.349
				1	49	21.33	25.33	0.341
				1	99	21.33	25.33	0.341
				50	0	20.24	24.24	0.265
				50	24	19.98	23.98	0.250
				50	50	19.98	23.98	0.250
				100	0	20.11	24.11	0.258
	1900	19100		1	0	21.42	25.42	0.348
				1	49	21.56	25.56	0.360
				1	99	21.67	25.67	0.369
				50	0	20.54	24.54	0.284
				50	24	20.50	24.50	0.282
				50	50	20.57	24.57	0.286
				100	0	20.58	24.58	0.287
16QAM	1860	18700		1	0	20.85	24.85	0.305
				1	49	20.53	24.53	0.284
				1	99	20.54	24.54	0.284
				50	0	19.36	23.36	0.217
				50	24	19.20	23.20	0.209
				50	50	19.15	23.15	0.207
				100	0	19.19	23.19	0.208
	1880	18900		1	0	20.63	24.63	0.290
				1	49	20.57	24.57	0.286
				1	99	20.38	24.38	0.274
				50	0	19.18	23.18	0.208
				50	24	19.00	23.00	0.200
				50	50	19.03	23.03	0.201
				100	0	19.10	23.10	0.204
	1900	19100		1	0	21.12	25.12	0.325
				1	49	21.26	25.26	0.336
				1	99	21.02	25.02	0.318
				50	0	19.58	23.58	0.228
				50	24	19.57	23.57	0.228
				50	50	19.55	23.55	0.226
				100	0	19.55	23.55	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	1860	18700	20	1	0	19.25	23.25	0.211
				1	49	19.25	23.25	0.211
				1	99	19.25	23.25	0.211
				50	0	19.16	23.16	0.207
				50	24	19.26	23.26	0.212
				50	50	19.23	23.23	0.210
				100	0	19.23	23.23	0.210
	1880	18900		1	0	19.11	23.11	0.205
				1	49	19.11	23.11	0.205
				1	99	19.11	23.11	0.205
				50	0	19.12	23.12	0.205
				50	24	19.12	23.12	0.205
				50	50	19.12	23.12	0.205
				100	0	19.12	23.12	0.205
	1900	19100		1	0	19.55	23.55	0.226
				1	49	19.52	23.52	0.225
				1	99	19.57	23.57	0.228
				50	0	19.58	23.58	0.228
				50	24	19.58	23.58	0.228
				50	50	19.58	23.58	0.228
				100	0	19.50	23.50	0.224