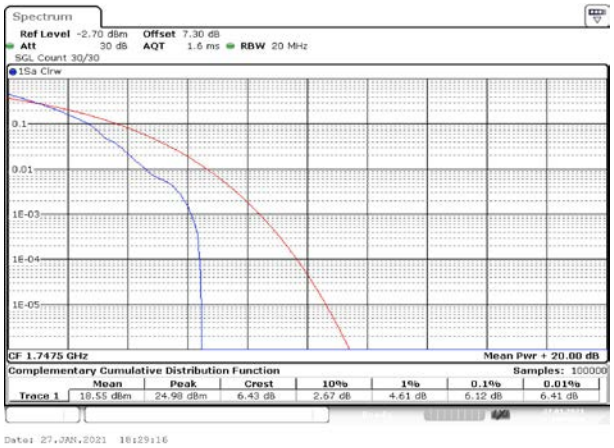

Fig.85

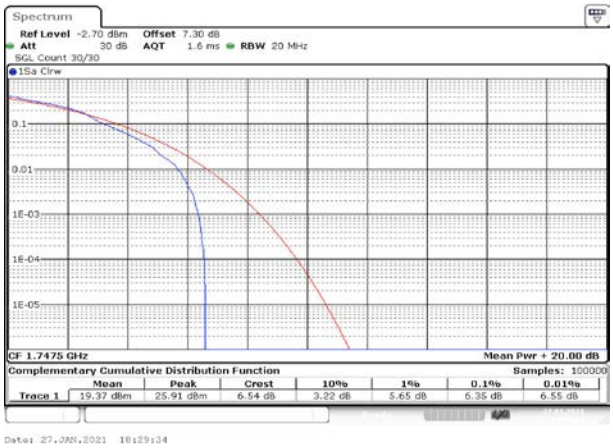

Fig.86

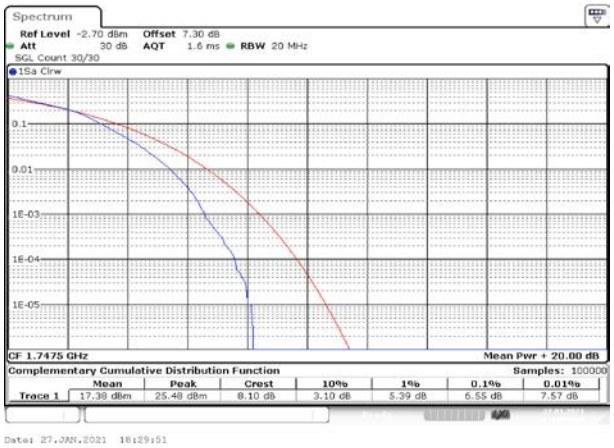

Fig.87

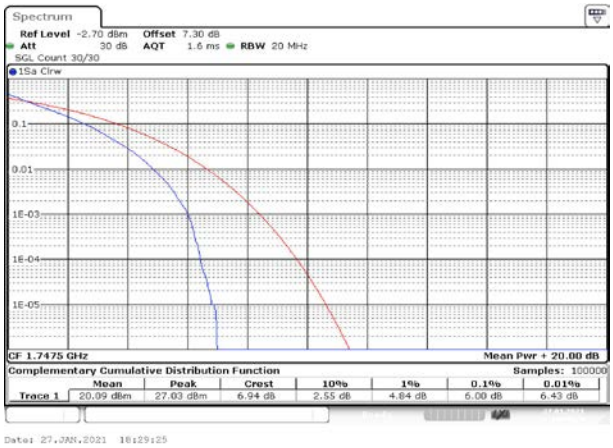

Fig.88

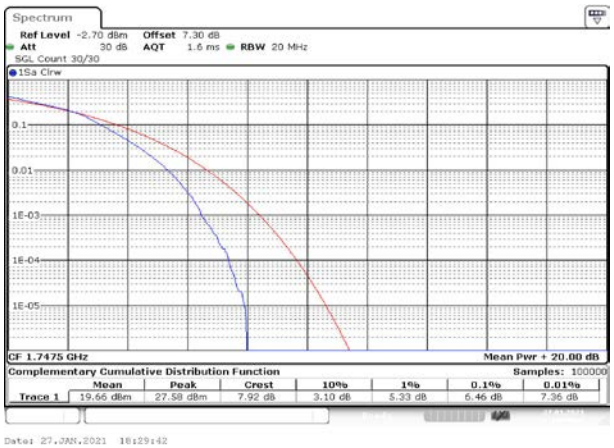

Fig.89

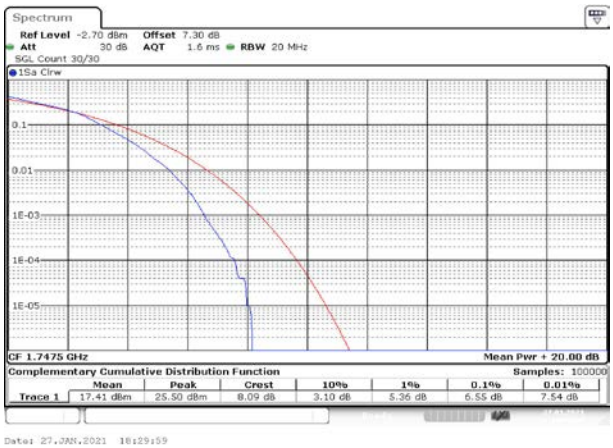

Fig.90

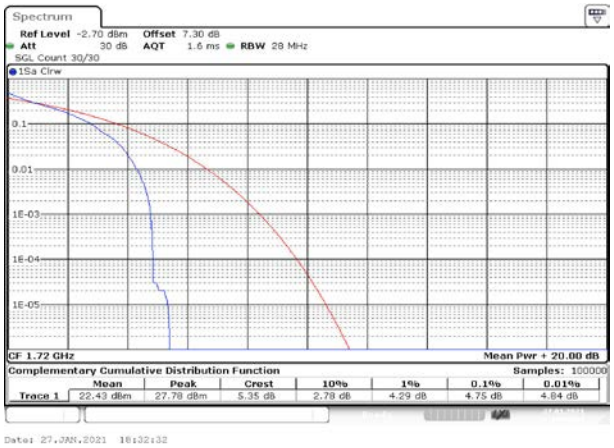

Fig.91

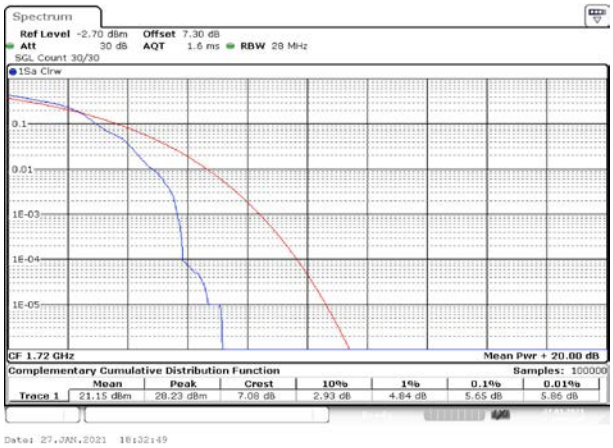

Fig.92

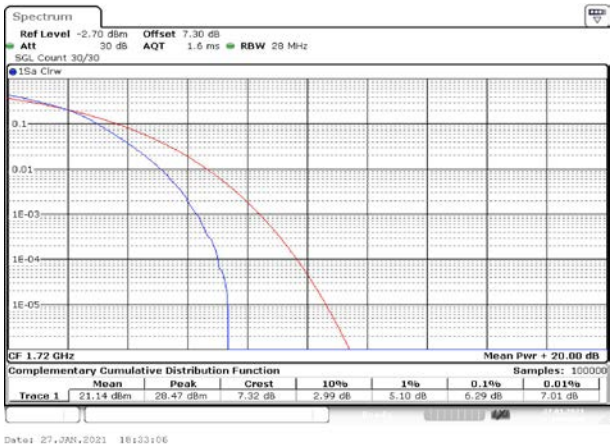

Fig.93

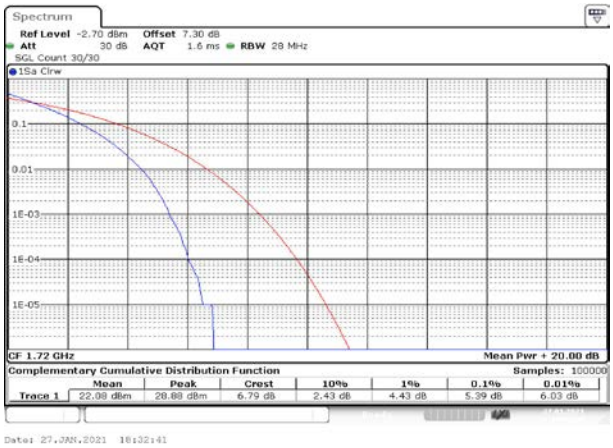

Fig.94

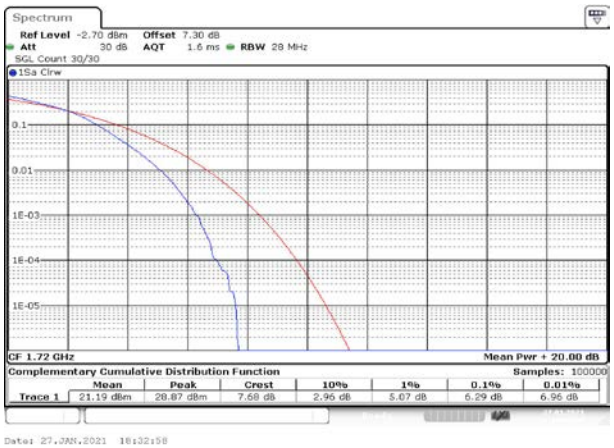

Fig.95

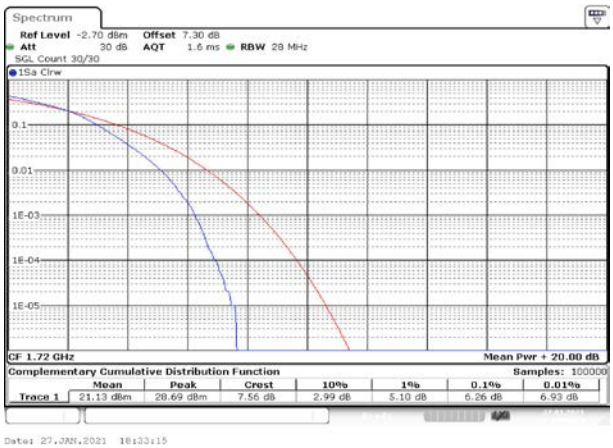

Fig.96

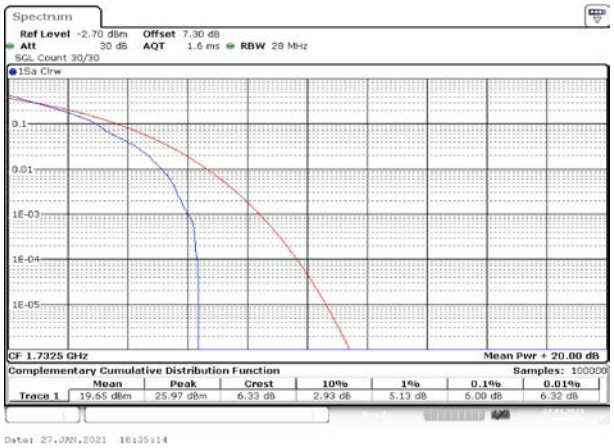

Fig.97

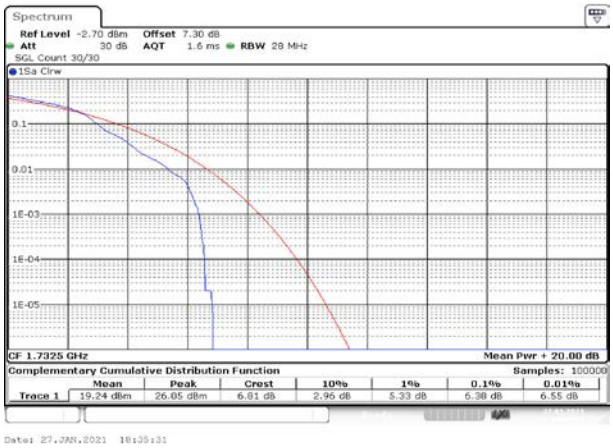

Fig.98

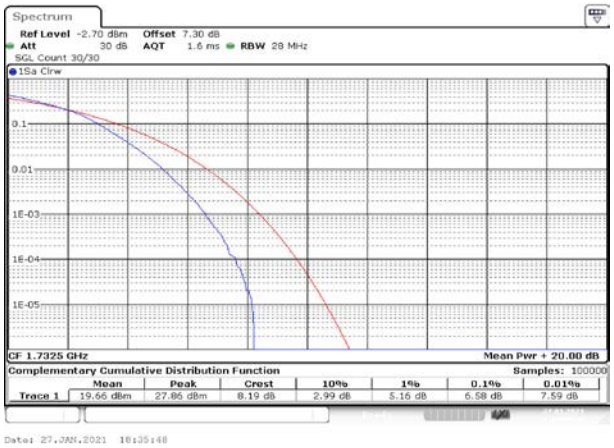

Fig.99

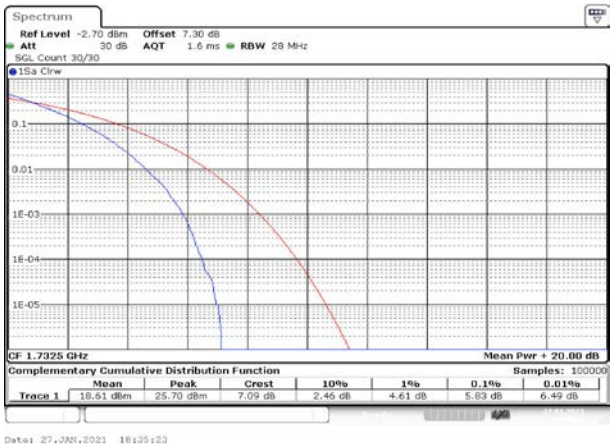

Fig.100

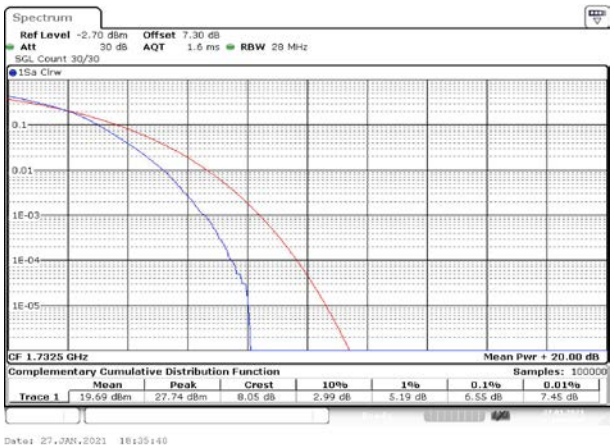

Fig.101

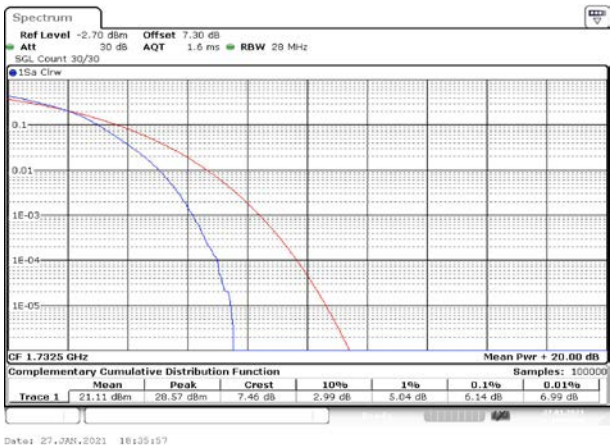

Fig.102

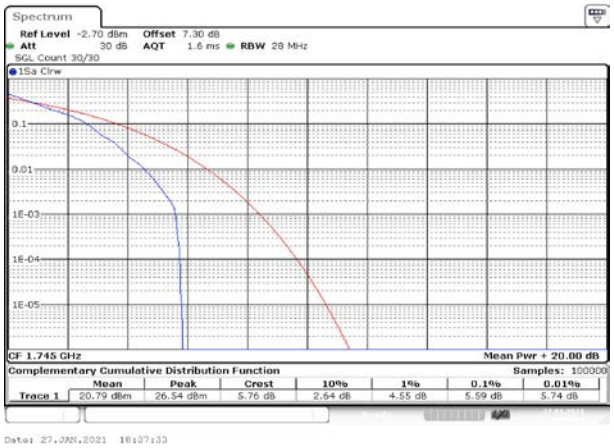

Fig.103

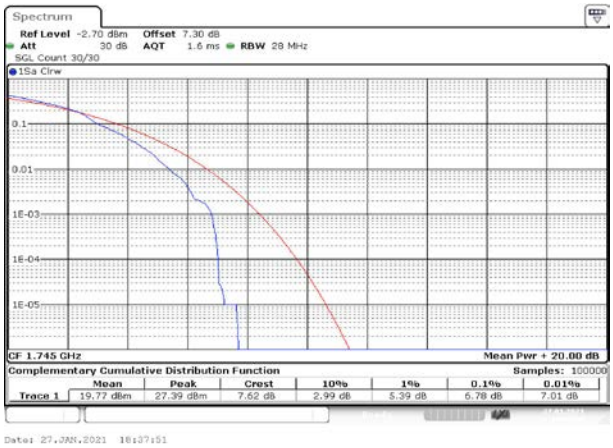

Fig.104

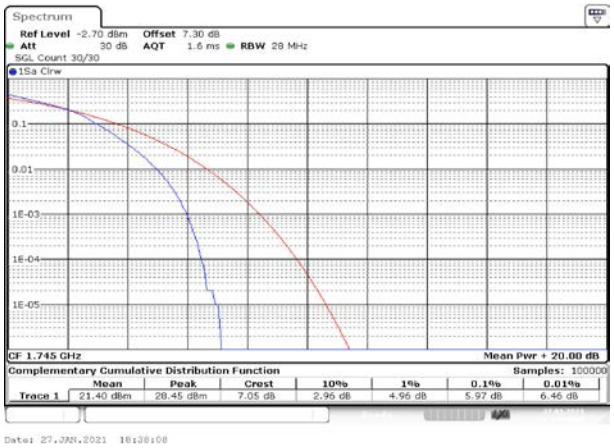

Fig.105

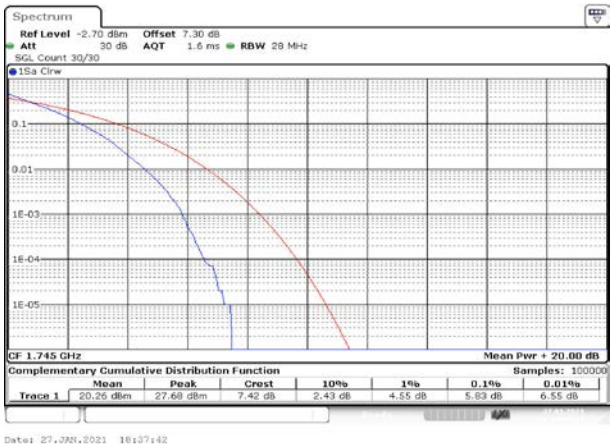

Fig.106

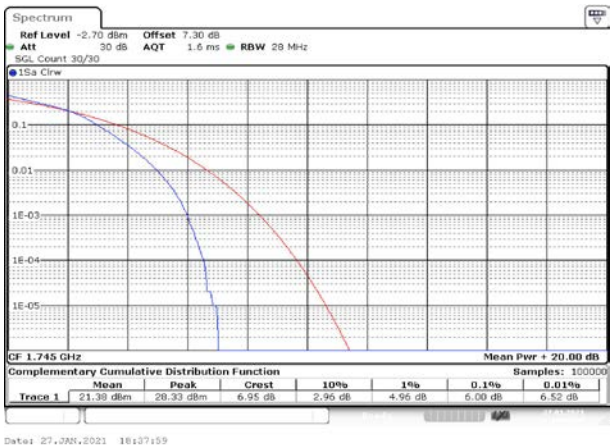

Fig.107

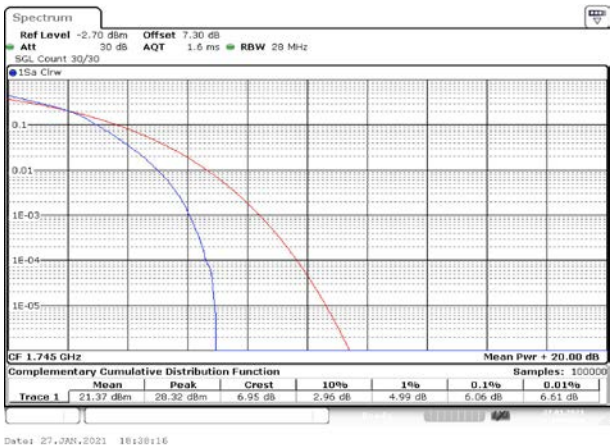

Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	0	Fig.1
	1732.5	20175		1	0	Fig.2
	1745	20300		1	0	Fig.3

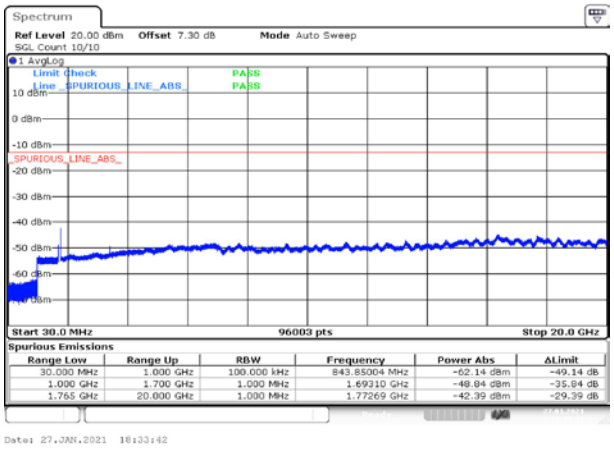

Fig.1

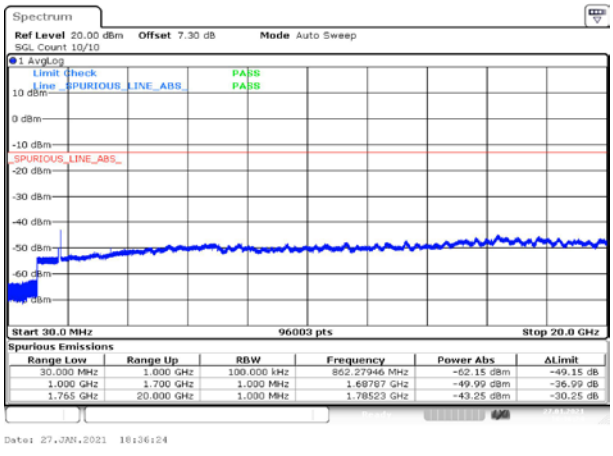

Fig.2

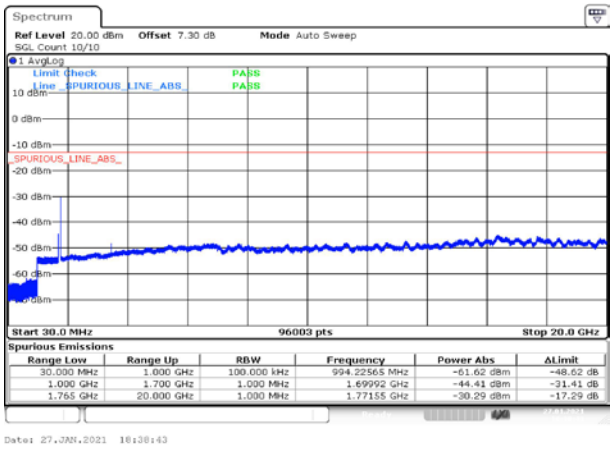

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
4	1710.7	19957	1.4	1	0	Fig.1
				6	0	Fig.2
	1754.3	20393		1	5	Fig.3
				6	0	Fig.4
	1711.5	19965	3	1	0	Fig.5
				15	0	Fig.6
	1753.5	20385		1	14	Fig.7
				15	0	Fig.8
	1712.5	19975	5	1	0	Fig.9
				25	0	Fig.10
	1752.5	20375		1	24	Fig.11
				25	0	Fig.12
	1715	20000	10	1	0	Fig.13
				50	0	Fig.14
	1750	20350		1	49	Fig.15
				50	0	Fig.16
	1717.5	20025	15	1	0	Fig.17
				75	0	Fig.18
	1747.5	20325		1	74	Fig.19
				75	0	Fig.20
	1720	20050	20	1	0	Fig.21
				100	0	Fig.22
	1745	20300		1	99	Fig.23
				100	0	Fig.24

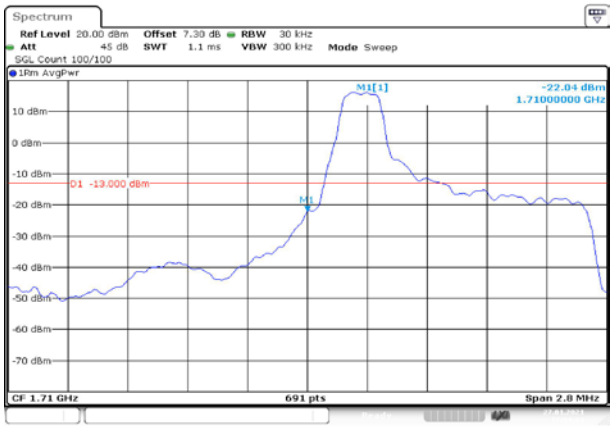

Fig.1

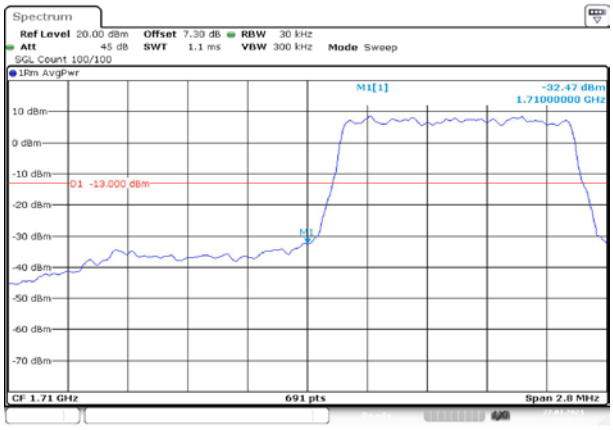

Fig.2

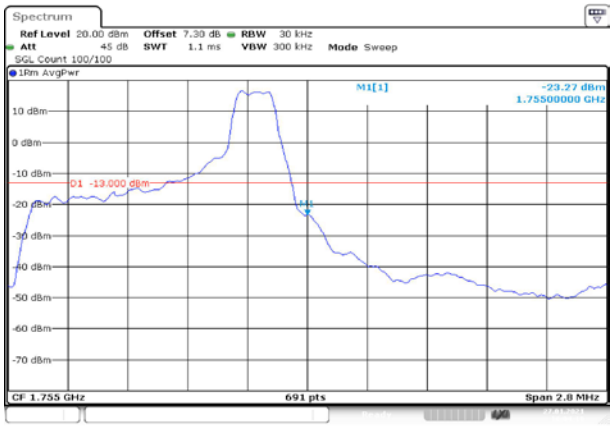

Fig.3

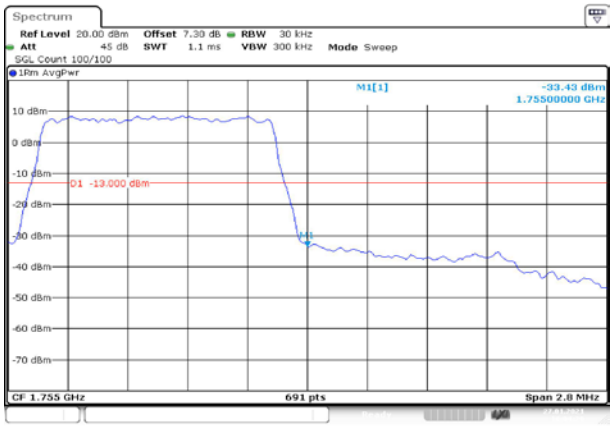

Fig.4

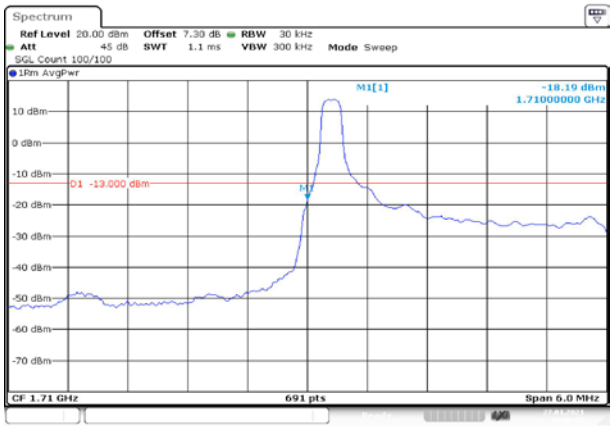

Fig.5

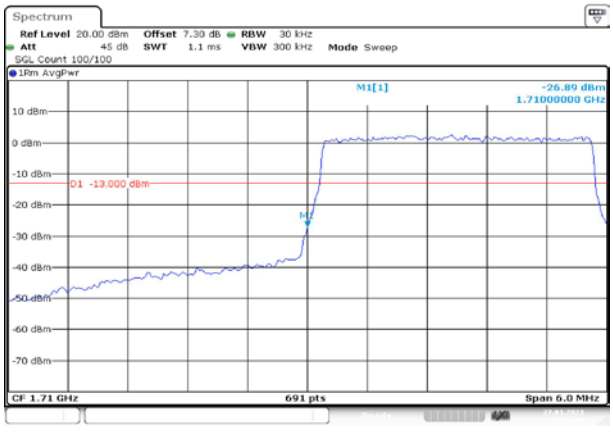

Fig.6

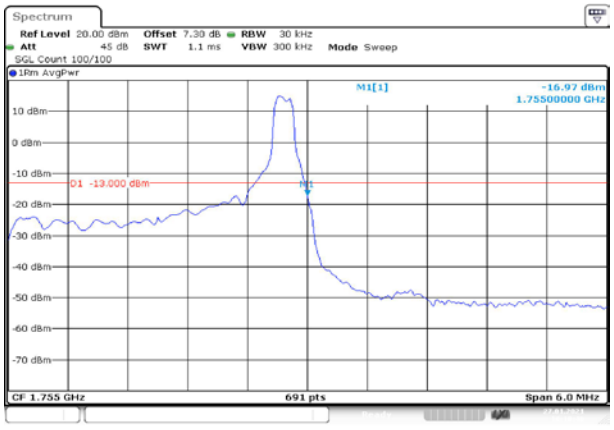

Fig.7

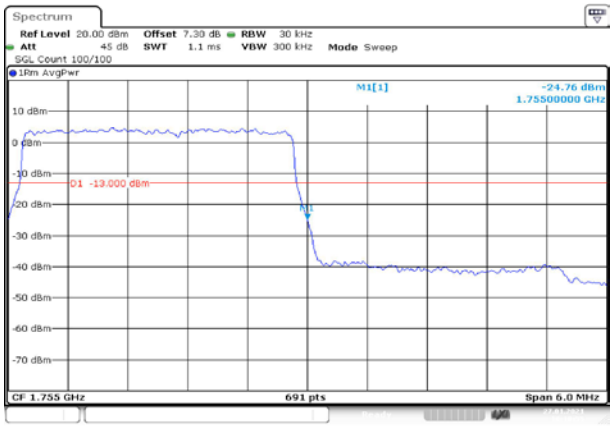

Fig.8

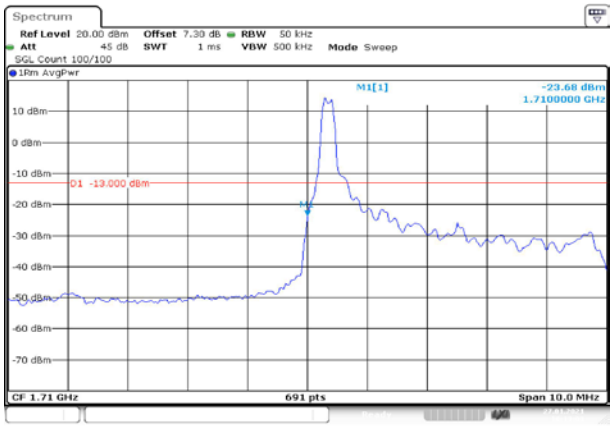

Fig.9

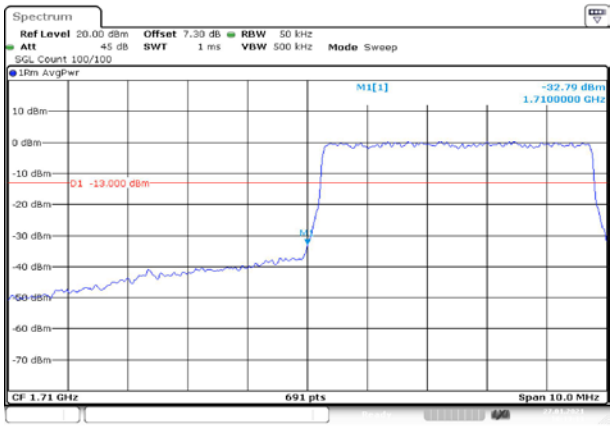

Fig.10

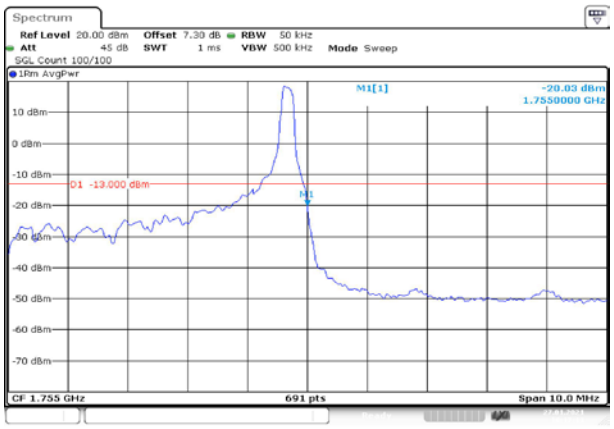

Fig.11

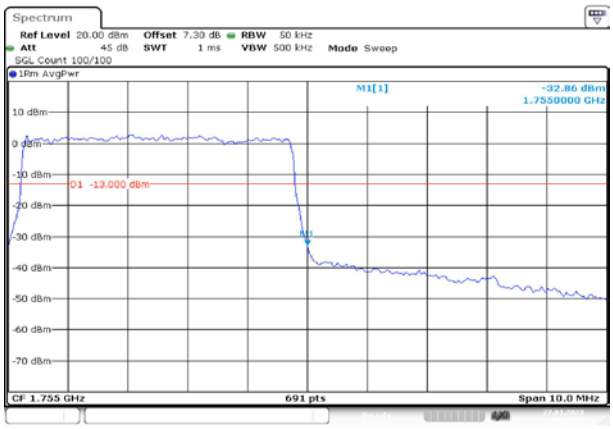

Fig.12

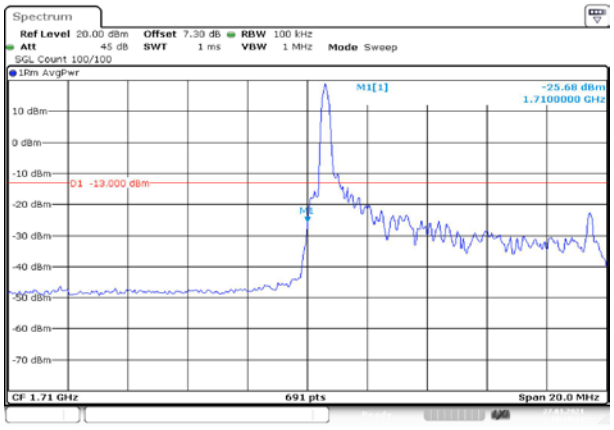

Fig.13

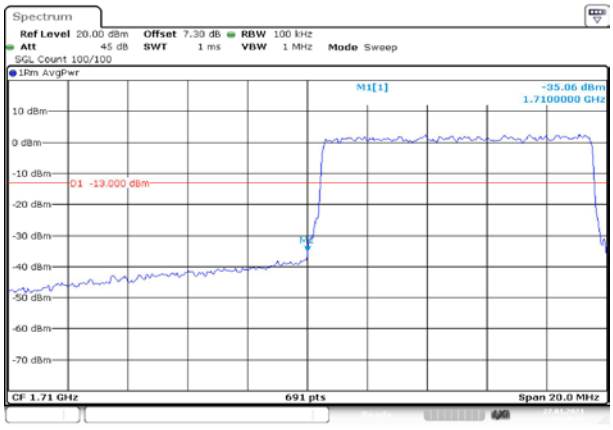

Fig.14

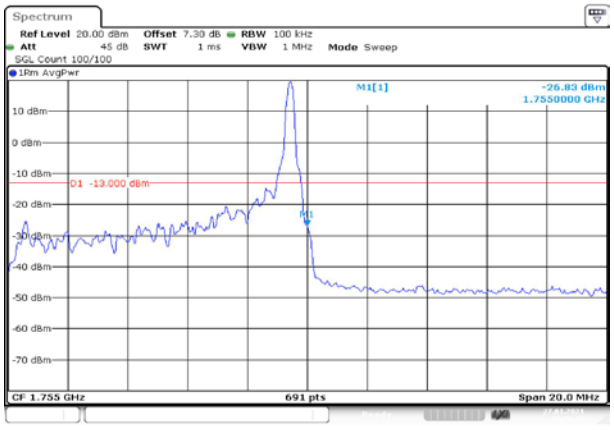

Fig.15

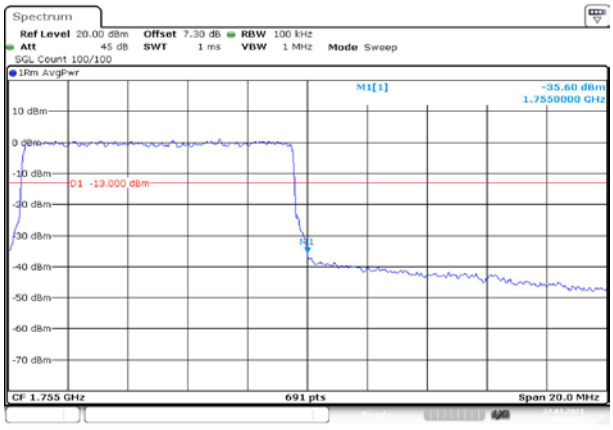

Fig.16

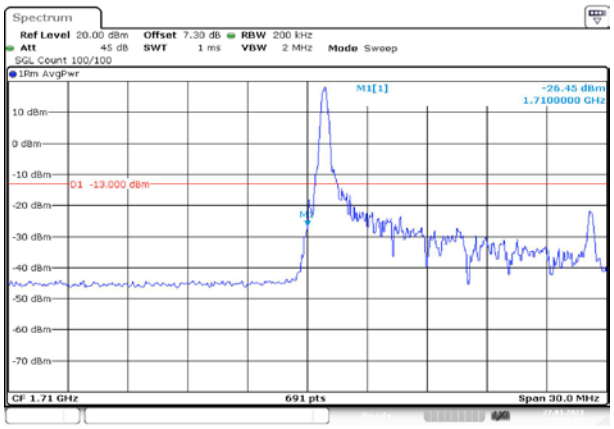

Fig.17

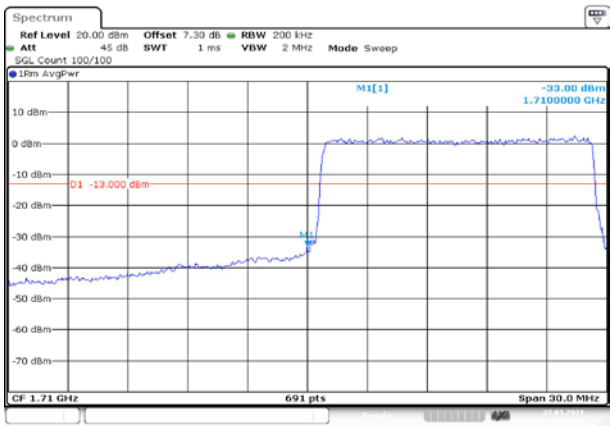

Fig.18

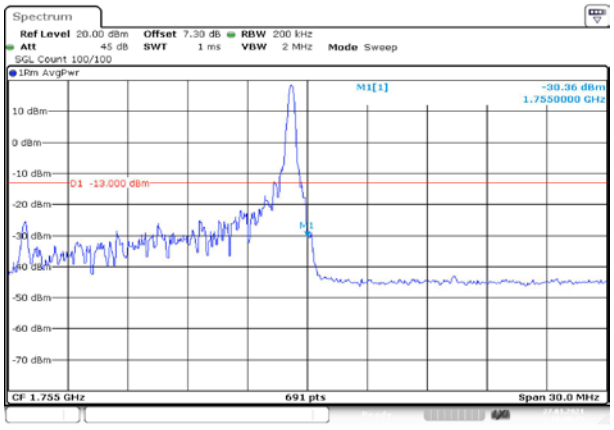

Fig.19

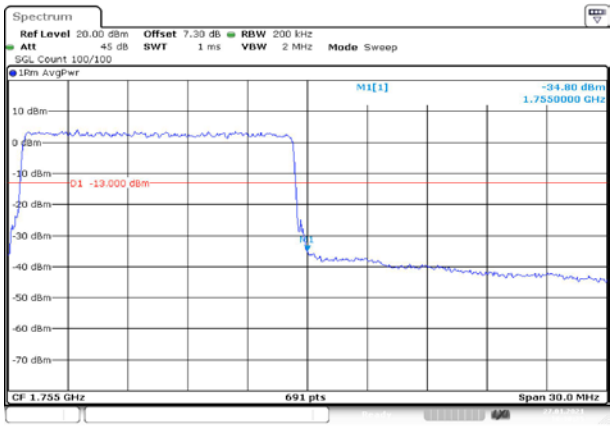

Fig.20

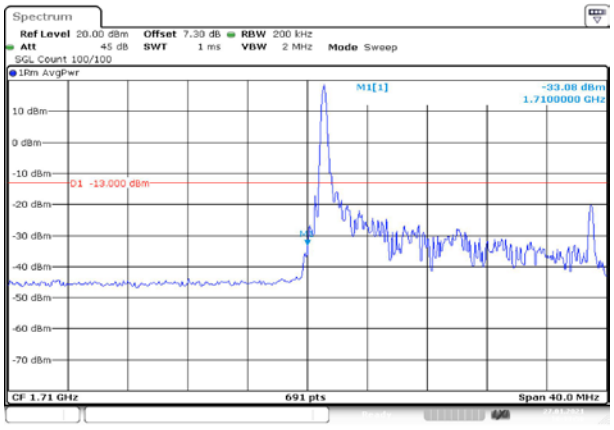

Fig.21

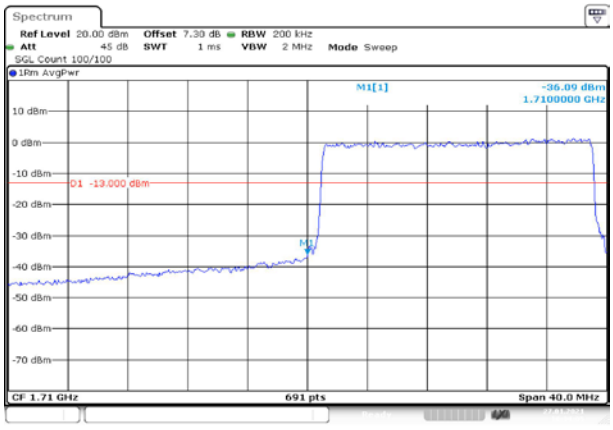

Fig.22

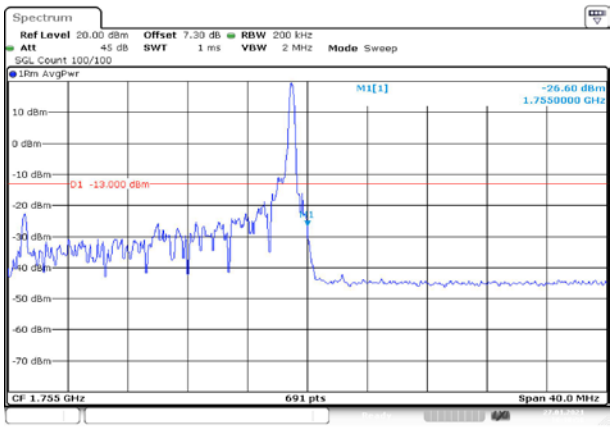

Fig.23

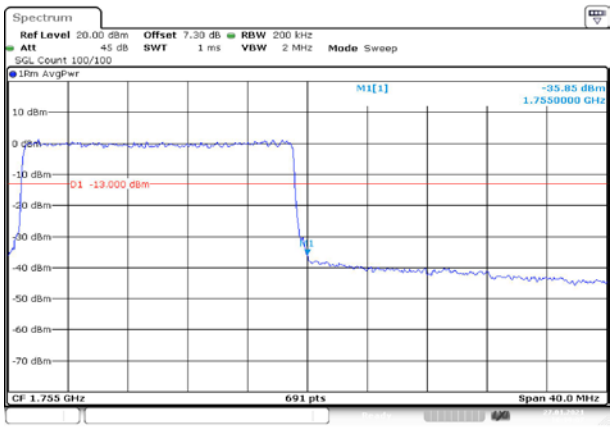

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.002	-0.017	-0.004	-0.004	-0.022	0.007
0	NV	-0.011	-0.002	0.007	-0.003	-0.006	0.005
+10	NV	-0.011	-0.007	-0.001	-0.024	-0.017	0.002
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.008	-0.004	0.001	-0.002	0.000	0.008
+40	NV	-0.017	0.000	0.001	0.000	-0.004	0.002
+50	NV	-0.002	-0.004	-0.010	0.004	0.005	0.005
+55	NV	-0.002	-0.001	0.006	0.012	0.000	-0.001
+20	LV	-0.004	0.000	0.005	-0.003	0.004	0.004
+20	HV	-0.011	-0.002	-0.002	0.002	0.001	0.002

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.003	-0.016	-0.002	-0.005	-0.016	-0.026
0	NV	0.002	-0.009	-0.006	0.011	-0.022	-0.013
+10	NV	-0.012	-0.021	0.008	0.001	-0.010	-0.003
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.017	-0.021	0.003	-0.020	-0.007	-0.002
+40	NV	0.002	-0.011	-0.022	-0.013	-0.011	-0.006
+50	NV	0.014	-0.006	-0.013	-0.008	0.003	-0.026
+55	NV	0.006	-0.005	0.007	0.006	-0.001	0.020
+20	LV	-0.018	0.011	0.016	0.015	0.014	-0.020
+20	HV	-0.005	0.000	0.004	0.014	-0.003	-0.003

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	19957	1.4	1	0	23.82	24.89	0.308
				1	3	23.81	24.88	0.308
				1	5	23.82	24.89	0.308
				3	0	22.66	23.73	0.236
				3	1	22.83	23.90	0.245
				3	3	22.79	23.86	0.243
				6	0	22.60	23.67	0.233
	1732.5	20175		1	0	23.91	24.98	0.315
				1	3	23.76	24.83	0.304
				1	5	23.88	24.95	0.313
				3	0	22.93	24.00	0.251
				3	1	22.76	23.83	0.242
				3	3	22.84	23.91	0.246
				6	0	22.74	23.81	0.240
	1754.3	20393		1	0	24.15	25.22	0.333
				1	3	23.99	25.06	0.321
				1	5	24.02	25.09	0.323
				3	0	22.88	23.95	0.248
				3	1	22.91	23.98	0.250
				3	3	22.90	23.97	0.249
				6	0	22.83	23.90	0.245
16QAM	1710.7	19957		1	0	22.76	23.83	0.242
				1	3	22.86	23.93	0.247
				1	5	22.80	23.87	0.244
				3	0	21.81	22.88	0.194
				3	1	21.82	22.89	0.195
				3	3	21.80	22.87	0.194
				6	0	21.95	23.02	0.200
	1732.5	20175		1	0	22.69	23.76	0.238
				1	3	22.76	23.83	0.242
				1	5	22.75	23.82	0.241
				3	0	22.14	23.21	0.209
				3	1	22.26	23.33	0.215
				3	3	22.24	23.31	0.214
				6	0	21.69	22.76	0.189
	1754.3	20393		1	0	23.15	24.22	0.264
				1	3	23.12	24.19	0.262
				1	5	23.23	24.30	0.269
				3	0	22.61	23.68	0.233
				3	1	22.56	23.63	0.231
				3	3	22.53	23.60	0.229
				6	0	22.03	23.10	0.204

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1710.7	19957	1.4	1	0	21.94	23.01	0.200
				1	3	21.93	23.00	0.200
				1	5	21.88	22.95	0.197
				3	0	20.94	22.01	0.159
				3	1	20.87	21.94	0.156
				3	3	20.87	21.94	0.156
				6	0	20.86	21.93	0.156
	1732.5	20175		1	0	21.88	22.95	0.197
				1	3	21.79	22.86	0.193
				1	5	21.86	22.93	0.196
				3	0	20.78	21.85	0.153
				3	1	20.77	21.84	0.153
				3	3	20.76	21.83	0.152
				6	0	20.75	21.82	0.152
	1754.3	20393		1	0	22.01	23.08	0.203
				1	3	22.04	23.11	0.205
				1	5	22.10	23.17	0.207
				3	0	21.01	22.08	0.161
				3	1	20.95	22.02	0.159
				3	3	21.07	22.14	0.164
				6	0	21.05	22.12	0.163

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	23.63	24.70	0.295
				1	8	23.54	24.61	0.289
				1	14	23.51	24.58	0.287
				8	0	22.73	23.80	0.240
				8	4	22.68	23.75	0.237
				8	7	22.67	23.74	0.237
				15	0	22.69	23.76	0.238
	1732.5	20175		1	0	23.63	24.70	0.295
				1	8	23.70	24.77	0.300
				1	14	23.69	24.76	0.299
				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	22.57	23.64	0.231
	1753.5	20385		1	0	24.08	25.15	0.327
				1	8	24.03	25.10	0.324
				1	14	24.01	25.08	0.322
				8	0	22.82	23.89	0.245
				8	4	22.96	24.03	0.253
				8	7	22.96	24.03	0.253
				15	0	22.88	23.95	0.248
16QAM	1711.5	19965		1	0	23.17	24.24	0.265
				1	8	22.97	24.04	0.254
				1	14	23.11	24.18	0.262
				8	0	22.09	23.16	0.207
				8	4	21.95	23.02	0.200
				8	7	21.95	23.02	0.200
				15	0	21.85	22.92	0.196
	1732.5	20175		1	0	23.16	24.23	0.265
				1	8	22.79	23.86	0.243
				1	14	22.80	23.87	0.244
				8	0	21.71	22.78	0.190
				8	4	21.73	22.80	0.191
				8	7	21.81	22.88	0.194
				15	0	21.71	22.78	0.190
	1753.5	20385		1	0	23.00	24.07	0.255
				1	8	22.68	23.75	0.237
				1	14	22.67	23.74	0.237
				8	0	22.17	23.24	0.211
				8	4	22.18	23.25	0.211
				8	7	22.10	23.17	0.207
				15	0	21.95	23.02	0.200

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1711.5	19965	3	1	0	21.85	22.92	0.196
				1	8	21.69	22.76	0.189
				1	14	21.74	22.81	0.191
				8	0	20.91	21.98	0.158
				8	4	20.75	21.82	0.152
				8	7	20.82	21.89	0.155
				15	0	20.75	21.82	0.152
	1732.5	20175		1	0	21.70	22.77	0.189
				1	8	21.66	22.73	0.187
				1	14	21.71	22.78	0.190
				8	0	20.76	21.83	0.152
				8	4	20.67	21.74	0.149
				8	7	20.81	21.88	0.154
				15	0	20.69	21.76	0.150
	1753.5	20385		1	0	21.92	22.99	0.199
				1	8	21.95	23.02	0.200
				1	14	21.82	22.89	0.195
				8	0	20.91	21.98	0.158
				8	4	20.67	21.74	0.149
				8	7	20.63	21.70	0.148
				15	0	21.07	22.14	0.164

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	23.88	24.95	0.313
				1	12	23.71	24.78	0.301
				1	24	23.68	24.75	0.299
				12	0	22.85	23.92	0.247
				12	7	22.75	23.82	0.241
				12	13	22.74	23.81	0.240
				25	0	22.79	23.86	0.243
	1732.5	20175		1	0	23.78	24.85	0.305
				1	12	23.81	24.88	0.308
				1	24	23.80	24.87	0.307
				12	0	22.78	23.85	0.243
				12	7	22.74	23.81	0.240
				12	13	22.74	23.81	0.240
				25	0	22.67	23.74	0.237
	1752.5	20375		1	0	23.69	24.76	0.299
				1	12	23.70	24.77	0.300
				1	24	23.81	24.88	0.308
				12	0	22.85	23.92	0.247
				12	7	22.97	24.04	0.254
				12	13	22.97	24.04	0.254
				25	0	22.79	23.86	0.243
16QAM	1712.5	19975		1	0	22.93	24.00	0.251
				1	12	22.80	23.87	0.244
				1	24	22.82	23.89	0.245
				12	0	21.85	22.92	0.196
				12	7	21.69	22.76	0.189
				12	13	21.87	22.94	0.197
				25	0	21.75	22.82	0.191
	1732.5	20175		1	0	22.79	23.86	0.243
				1	12	22.82	23.89	0.245
				1	24	22.82	23.89	0.245
				12	0	21.70	22.77	0.189
				12	7	21.76	22.83	0.192
				12	13	21.76	22.83	0.192
				25	0	21.77	22.84	0.192
	1752.5	20375		1	0	22.79	23.86	0.243
				1	12	22.73	23.80	0.240
				1	24	22.73	23.80	0.240
				12	0	21.89	22.96	0.198
				12	7	21.82	22.89	0.195
				12	13	21.82	22.89	0.195
				25	0	21.83	22.90	0.195

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1712.5	19975	5	1	0	21.75	22.82	0.191
				1	12	21.74	22.81	0.191
				1	24	21.89	22.96	0.198
				12	0	20.84	21.91	0.155
				12	7	20.78	21.85	0.153
				12	13	20.89	21.96	0.157
				25	0	20.89	21.96	0.157
	1732.5	20175		1	0	21.76	22.83	0.192
				1	12	21.76	22.83	0.192
				1	24	21.61	22.68	0.185
				12	0	20.45	21.52	0.142
				12	7	20.61	21.68	0.147
				12	13	20.67	21.74	0.149
				25	0	20.47	21.54	0.143
	1752.5	20375		1	0	21.84	22.91	0.195
				1	12	21.76	22.83	0.192
				1	24	22.04	23.11	0.205
				12	0	21.00	22.07	0.161
				12	7	21.05	22.12	0.163
				12	13	20.95	22.02	0.159
				25	0	21.03	22.10	0.162

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	23.75	24.82	0.303
				1	25	23.63	24.70	0.295
				1	49	23.61	24.68	0.294
				25	0	22.78	23.85	0.243
				25	12	22.75	23.82	0.241
				25	25	22.74	23.81	0.240
				50	0	23.00	24.07	0.255
	1732.5	20175		1	0	23.72	24.79	0.301
				1	25	23.76	24.83	0.304
				1	49	23.75	24.82	0.303
				25	0	22.80	23.87	0.244
				25	12	22.69	23.76	0.238
				25	25	22.88	23.95	0.248
				50	0	22.79	23.86	0.243
	1750	20350		1	0	24.09	25.16	0.328
				1	25	23.94	25.01	0.317
				1	49	24.13	25.20	0.331
				25	0	22.97	24.04	0.254
				25	12	22.81	23.88	0.244
				25	25	22.78	23.85	0.243
				50	0	22.87	23.94	0.248
16QAM	1715	20000		1	0	23.18	24.25	0.266
				1	25	23.01	24.08	0.256
				1	49	22.92	23.99	0.251
				25	0	22.07	23.14	0.206
				25	12	21.72	22.79	0.190
				25	25	21.72	22.79	0.190
				50	0	21.66	22.73	0.187
	1732.5	20175		1	0	23.27	24.34	0.272
				1	25	23.13	24.20	0.263
				1	49	23.02	24.09	0.256
				25	0	22.04	23.11	0.205
				25	12	21.73	22.80	0.191
				25	25	21.75	22.82	0.191
				50	0	21.87	22.94	0.197
	1750	20350		1	0	22.75	23.82	0.241
				1	25	22.71	23.78	0.239
				1	49	22.86	23.93	0.247
				25	0	21.97	23.04	0.201
				25	12	22.02	23.09	0.204
				25	25	22.03	23.10	0.204
				50	0	21.96	23.03	0.201

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1715	20000	10	1	0	21.87	22.94	0.197
				1	25	21.85	22.92	0.196
				1	49	21.75	22.82	0.191
				25	0	20.76	21.83	0.152
				25	12	20.74	21.81	0.152
				25	25	20.90	21.97	0.157
				50	0	20.82	21.89	0.155
	1732.5	20175		1	0	22.07	23.14	0.206
				1	25	22.08	23.15	0.207
				1	49	21.94	23.01	0.200
				25	0	21.22	22.29	0.169
				25	12	21.14	22.21	0.166
				25	25	21.04	22.11	0.163
				50	0	21.02	22.09	0.162
	1750	20350		1	0	21.86	22.93	0.196
				1	25	22.03	23.10	0.204
				1	49	21.96	23.03	0.201
				25	0	20.96	22.03	0.160
				25	12	20.91	21.98	0.158
				25	25	20.85	21.92	0.156
				50	0	21.05	22.12	0.163

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	23.75	24.82	0.303
				1	37	23.84	24.91	0.310
				1	74	23.79	24.86	0.306
				36	0	22.62	23.69	0.234
				36	29	22.93	24.00	0.251
				36	30	22.83	23.90	0.245
				75	0	22.64	23.71	0.235
	1732.5	20175		1	0	23.65	24.72	0.296
				1	37	23.70	24.77	0.300
				1	74	23.69	24.76	0.299
				36	0	22.64	23.71	0.235
				36	29	22.64	23.71	0.235
				36	30	22.65	23.72	0.236
				75	0	22.61	23.68	0.233
	1747.5	20325		1	0	23.93	25.00	0.316
				1	37	23.97	25.04	0.319
				1	74	23.96	25.03	0.318
				36	0	22.73	23.80	0.240
				36	29	22.83	23.90	0.245
				36	30	22.83	23.90	0.245
				75	0	22.70	23.77	0.238
16QAM	1717.5	20025		1	0	22.91	23.98	0.250
				1	37	22.79	23.86	0.243
				1	74	22.75	23.82	0.241
				36	0	21.76	22.83	0.192
				36	29	21.71	22.78	0.190
				36	30	21.70	22.77	0.189
				75	0	21.70	22.77	0.189
	1732.5	20175		1	0	22.79	23.86	0.243
				1	37	22.85	23.92	0.247
				1	74	22.79	23.86	0.243
				36	0	21.81	22.88	0.194
				36	29	21.77	22.84	0.192
				36	30	21.78	22.85	0.193
				75	0	21.77	22.84	0.192
	1747.5	20325		1	0	23.17	24.24	0.265
				1	37	23.26	24.33	0.271
				1	74	23.25	24.32	0.270
				36	0	21.84	22.91	0.195
				36	29	21.92	22.99	0.199
				36	30	21.93	23.00	0.200
				75	0	21.81	22.88	0.194

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1717.5	20025	15	1	0	21.73	22.80	0.191
				1	37	21.68	22.75	0.188
				1	74	21.84	22.91	0.195
				36	0	20.83	21.90	0.155
				36	29	20.63	21.70	0.148
				36	30	20.85	21.92	0.156
				75	0	20.75	21.82	0.152
	1732.5	20175		1	0	21.77	22.84	0.192
				1	37	21.71	22.78	0.190
				1	74	21.78	22.85	0.193
				36	0	21.67	22.74	0.188
				36	29	20.93	22.00	0.158
				36	30	20.87	21.94	0.156
				75	0	20.72	21.79	0.151
	1747.5	20325		1	0	21.81	22.88	0.194
				1	37	21.85	22.92	0.196
				1	74	21.69	22.76	0.189
				36	0	20.81	21.88	0.154
				36	29	20.85	21.92	0.156
				36	30	20.80	21.87	0.154
				75	0	20.89	21.96	0.157

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	23.77	24.84	0.305
				1	49	23.65	24.72	0.296
				1	99	23.67	24.74	0.298
				50	0	22.68	23.75	0.237
				50	24	22.55	23.62	0.230
				50	50	22.54	23.61	0.230
				100	0	22.69	23.76	0.238
	1732.5	20175		1	0	23.72	24.79	0.301
				1	49	23.85	24.92	0.310
				1	99	23.75	24.82	0.303
				50	0	22.65	23.72	0.236
				50	24	22.69	23.76	0.238
				50	50	22.69	23.76	0.238
				100	0	22.77	23.84	0.242
	1745	20300		1	0	23.96	25.03	0.318
				1	49	24.16	25.23	0.333
				1	99	24.15	25.22	0.333
				50	0	22.67	23.74	0.237
				50	24	22.78	23.85	0.243
				50	50	22.78	23.85	0.243
				100	0	22.82	23.89	0.245
16QAM	1720	20050		1	0	23.07	24.14	0.259
				1	49	23.19	24.26	0.267
				1	99	23.04	24.11	0.258
				50	0	21.81	22.88	0.194
				50	24	21.84	22.91	0.195
				50	50	21.84	22.91	0.195
				100	0	21.71	22.78	0.190
	1732.5	20175		1	0	22.78	23.85	0.243
				1	49	22.82	23.89	0.245
				1	99	22.59	23.66	0.232
				50	0	21.75	22.82	0.191
				50	24	21.81	22.88	0.194
				50	50	21.82	22.89	0.195
				100	0	21.76	22.83	0.192
	1745	20300		1	0	22.57	23.64	0.231
				1	49	22.79	23.86	0.243
				1	99	23.38	24.45	0.279
				50	0	21.91	22.98	0.199
				50	24	21.98	23.05	0.202
				50	50	21.94	23.01	0.200
				100	0	21.85	22.92	0.196

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1720	20050	20	1	0	21.71	22.78	0.190
				1	49	21.74	22.81	0.191
				1	99	21.58	22.65	0.184
				50	0	20.83	21.90	0.155
				50	24	20.65	21.72	0.149
				50	50	20.69	21.76	0.150
				100	0	20.57	21.64	0.146
	1732.5	20175		1	0	21.72	22.79	0.190
				1	49	21.75	22.82	0.191
				1	99	21.79	22.86	0.193
				50	0	20.67	21.74	0.149
				50	24	20.83	21.90	0.155
				50	50	20.72	21.79	0.151
				100	0	20.77	21.84	0.153
	1745	20300		1	0	21.81	22.88	0.194
				1	49	21.73	22.80	0.191
				1	99	21.86	22.93	0.196
				50	0	20.73	21.80	0.151
				50	24	20.89	21.96	0.157
				50	50	20.69	21.76	0.150
				100	0	20.79	21.86	0.153