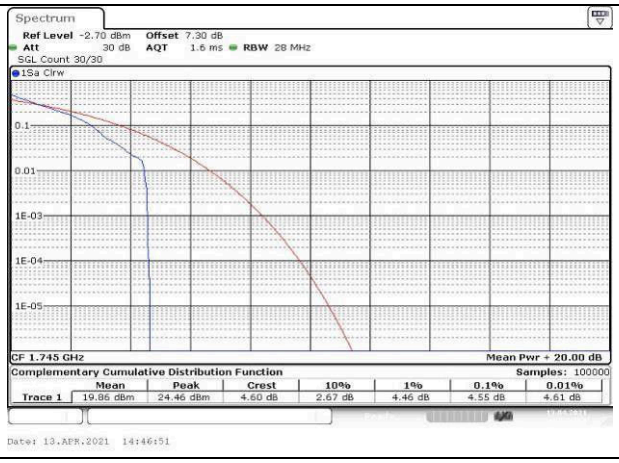

Fig.103

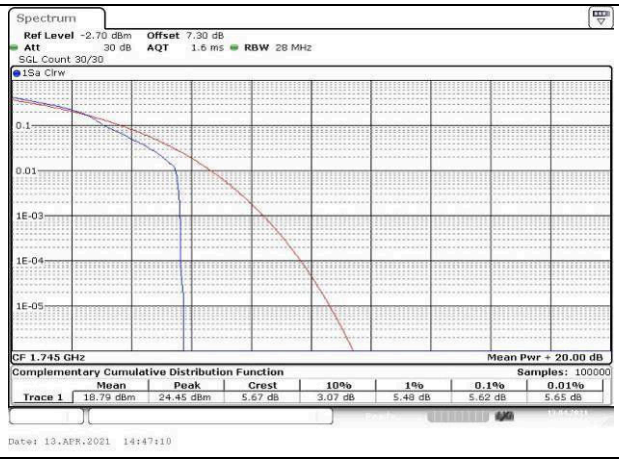

Fig.104

Fig.105

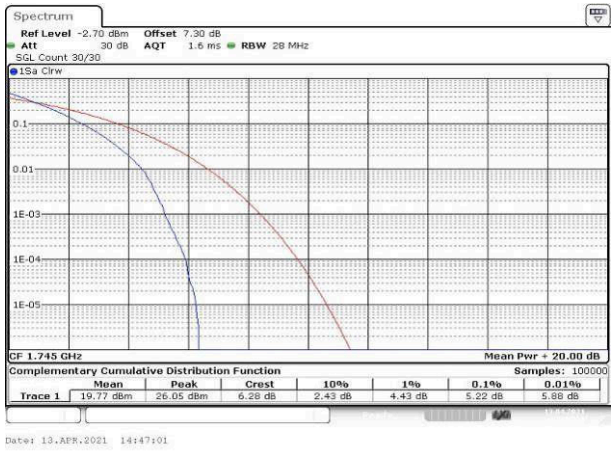

Fig.106

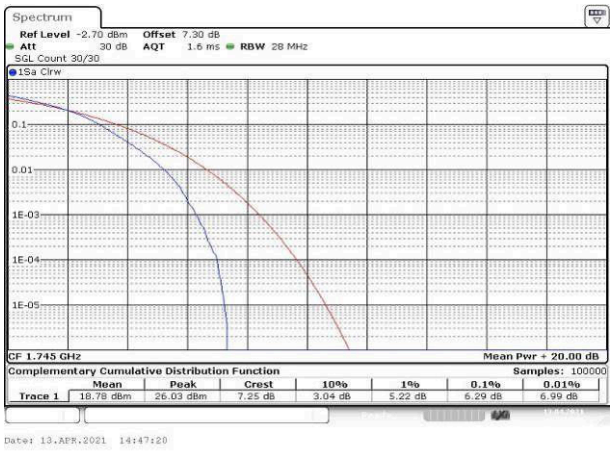

Fig.107

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

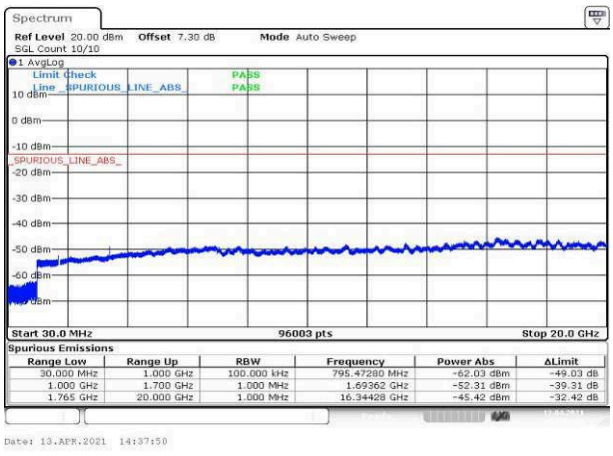

Fig.1

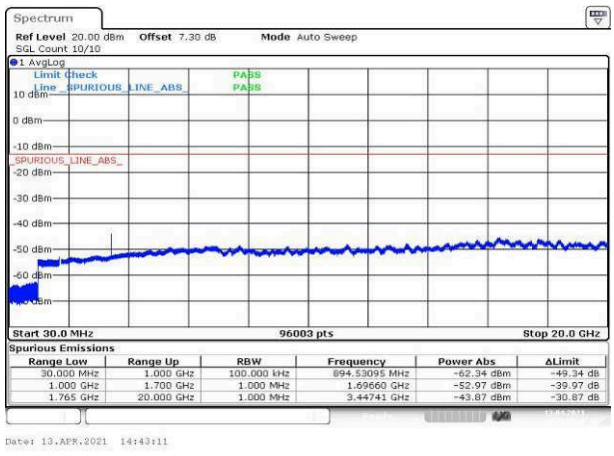

Fig.2

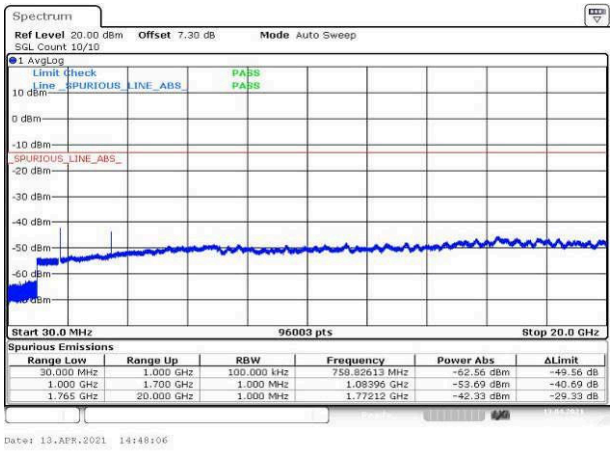

Fig.3

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

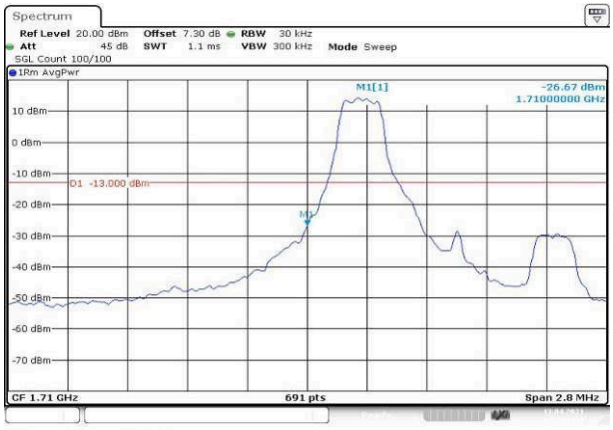

Fig.1

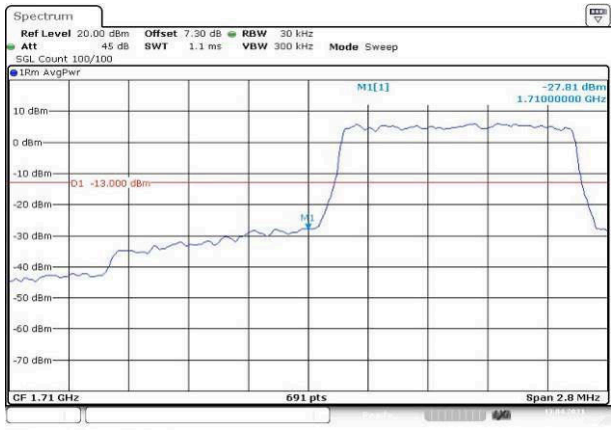

Fig.2

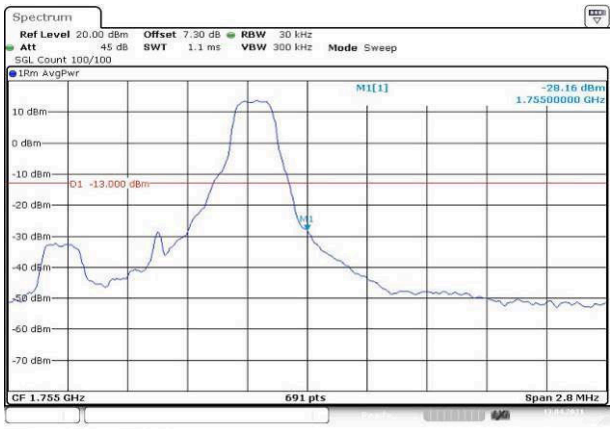

Fig.3

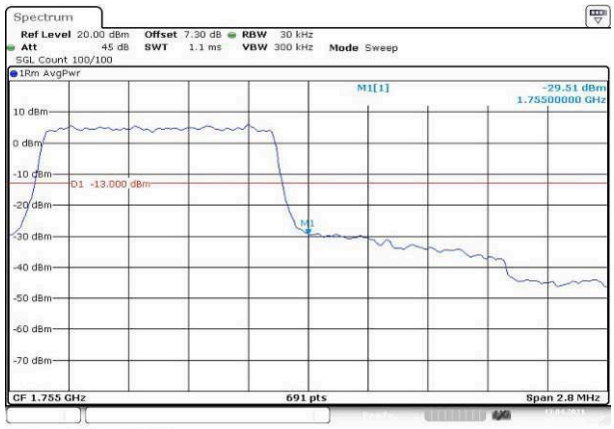

Fig.4

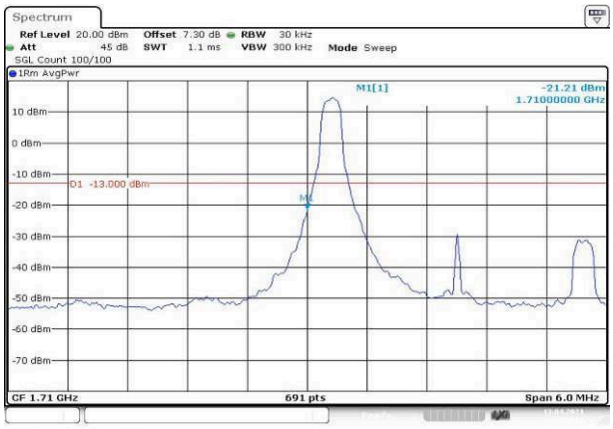

Fig.5

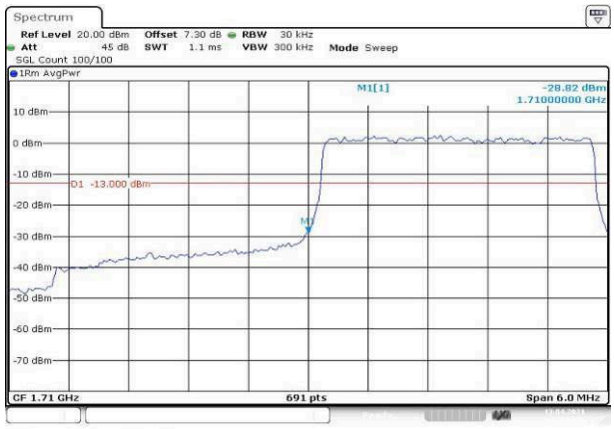

Fig.6

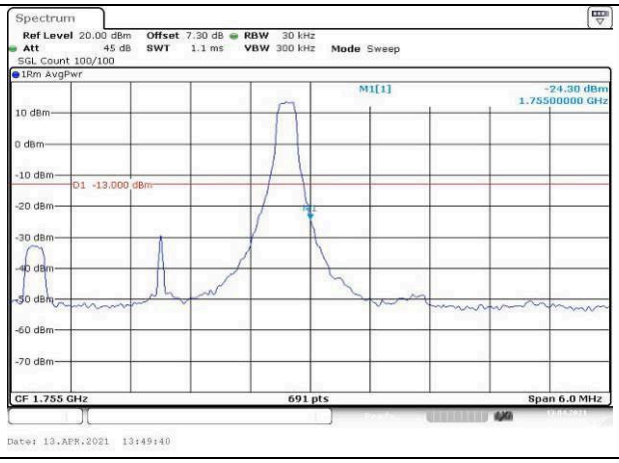

Fig.7

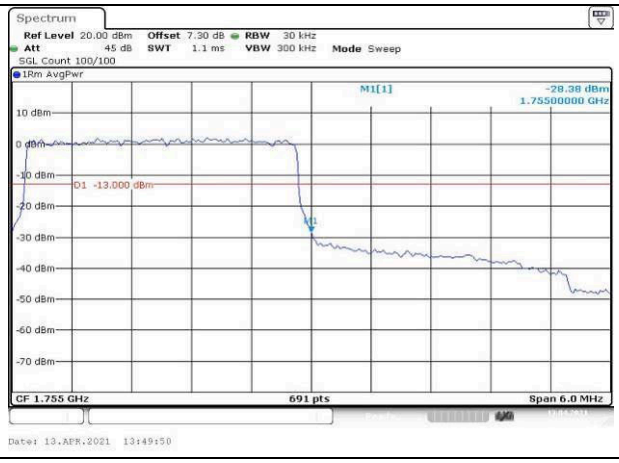

Fig.8

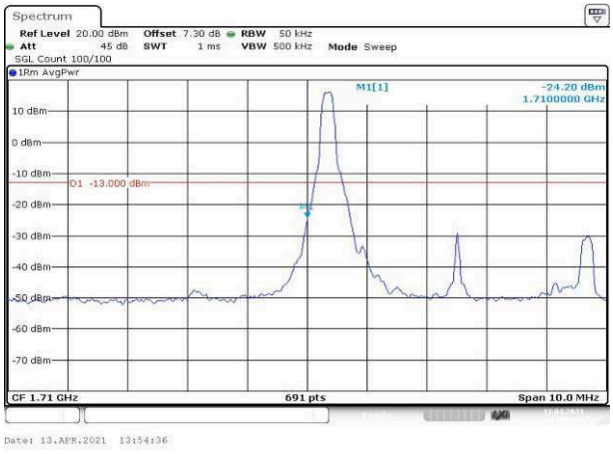

Fig.9

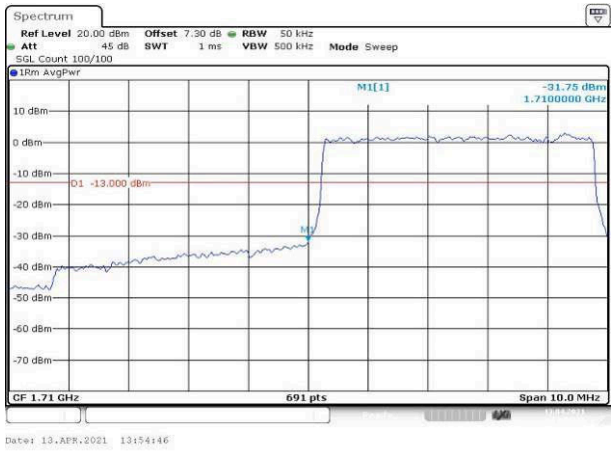

Fig.10

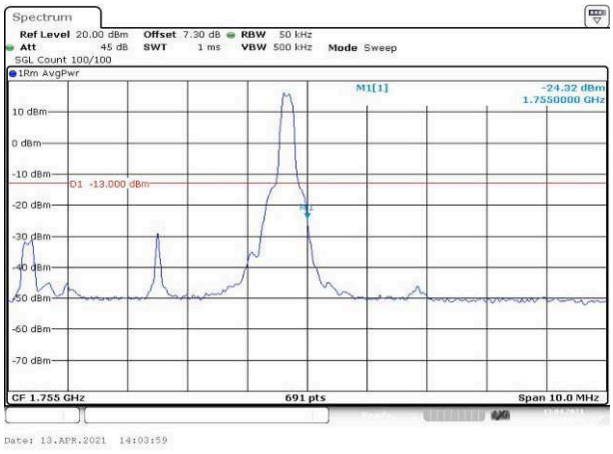

Fig.11

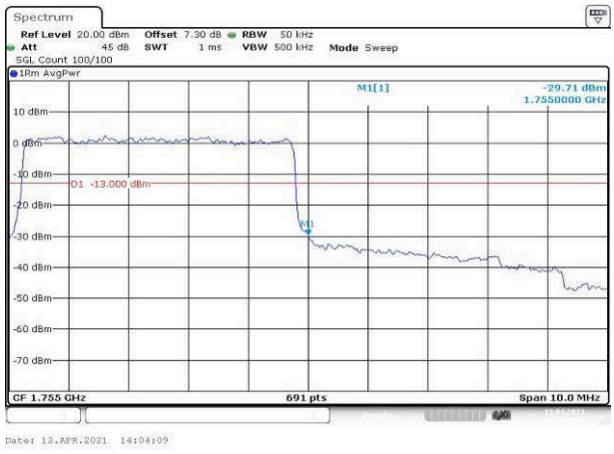

Fig.12

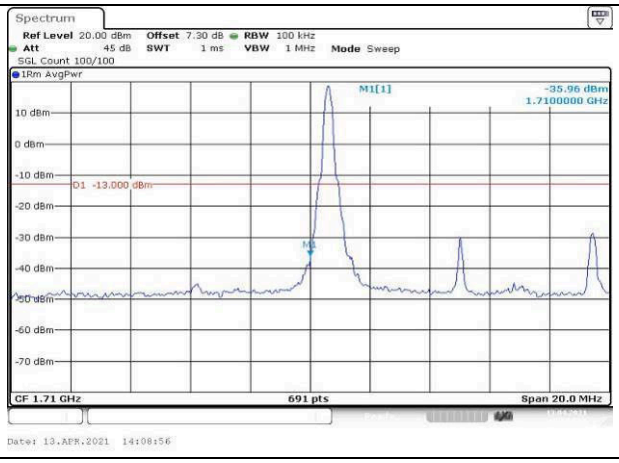

Fig.13

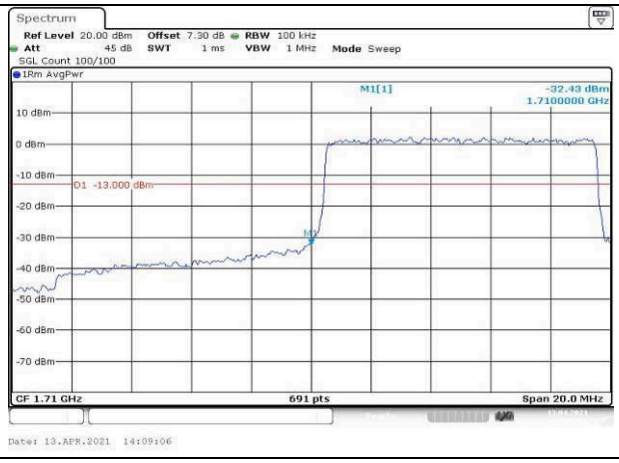

Fig.14

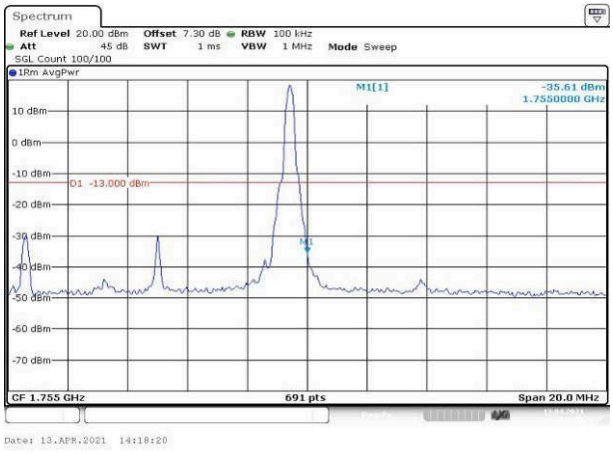

Fig.15

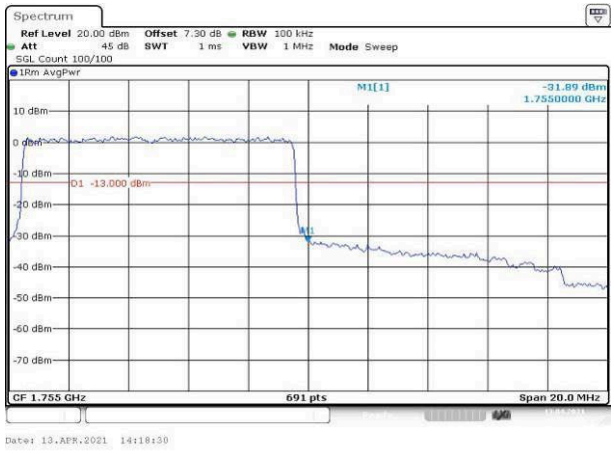

Fig.16

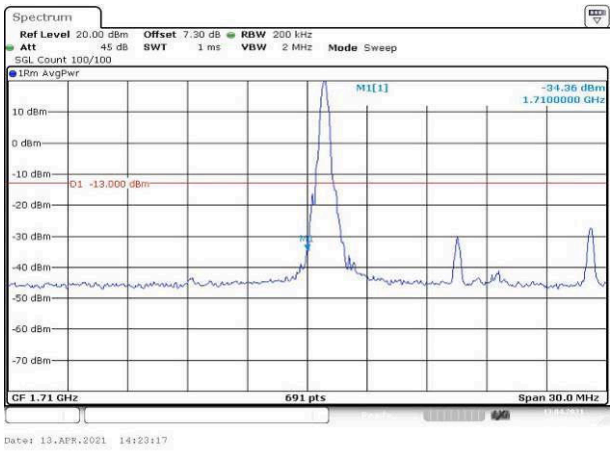

Fig.17

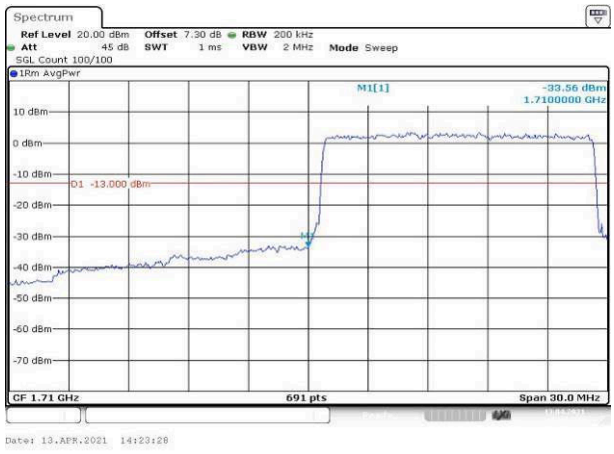

Fig.18

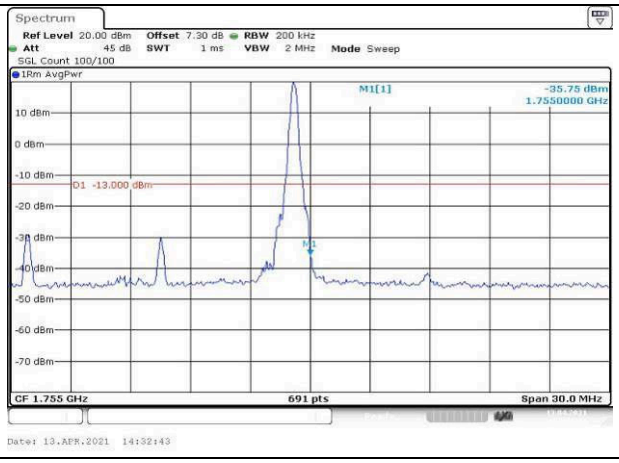

Fig.19

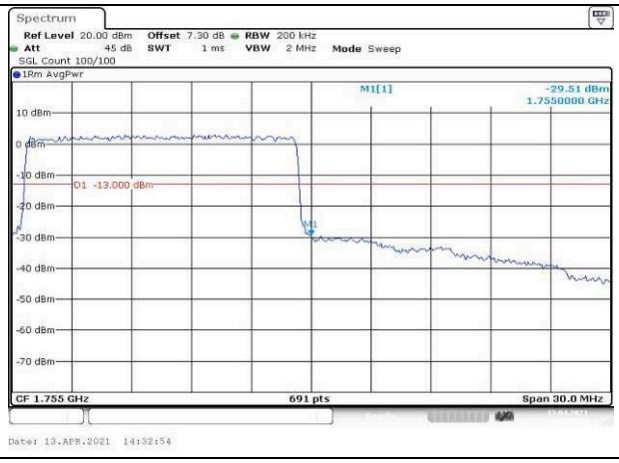

Fig.20

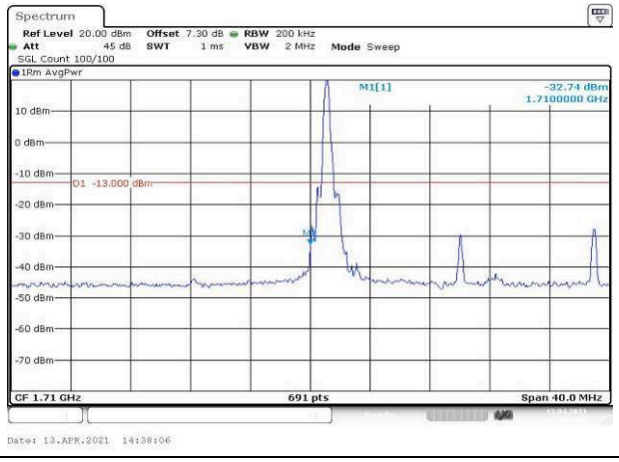

Fig.21

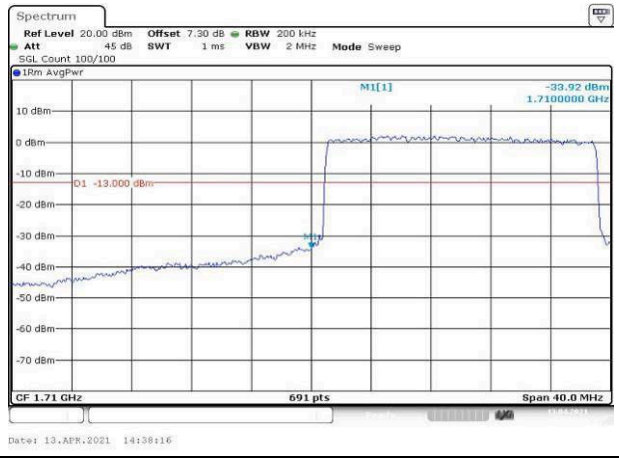

Fig.22

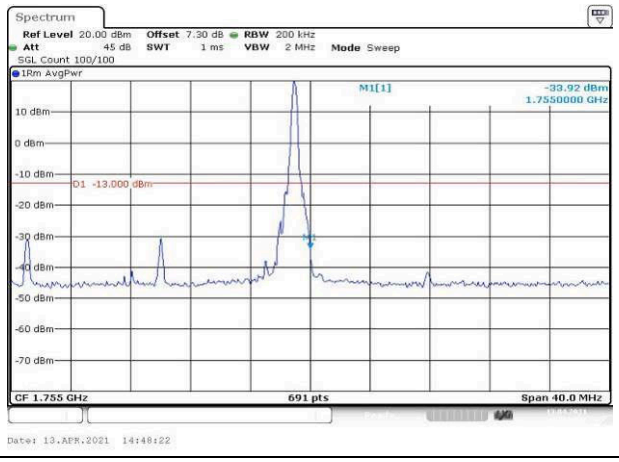

Fig.23

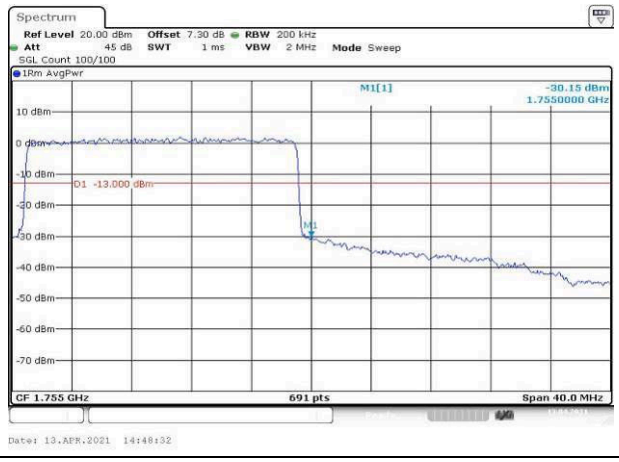

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	0.003	0.001	0.000	0.000	0.003	-0.003
-30	NV	0.005	0.001	0.002	-0.001	0.004	-0.002
-20	NV	0.006	-0.001	-0.003	0.001	0.003	-0.003
-10	NV	0.001	0.003	-0.002	-0.002	0.001	-0.001
0	NV	0.004	0.001	-0.003	-0.001	0.001	-0.003
+10	NV	0.007	0.002	-0.002	0.000	0.003	0.000
+20	NV	0.000	0.004	0.000	0.000	0.000	0.000
+30	NV	0.003	0.005	-0.002	0.001	0.001	-0.001
+40	NV	-0.007	0.006	-0.002	0.003	0.003	-0.002
+50	NV	0.004	0.001	-0.001	-0.001	0.005	0.002
+55	NV	0.003	0.004	-0.003	-0.004	0.003	0.005
+20	LV	0.005	0.003	0.002	0.003	0.003	0.000
+20	HV	-0.009	-0.001	-0.002	-0.002	0.001	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	0.007	0.003	0.001	-0.003	0.001	0.003
-30	NV	0.006	0.004	0.001	0.001	0.001	-0.001
-20	NV	0.002	0.004	0.004	0.001	0.002	0.003
-10	NV	-0.006	0.003	0.003	0.000	0.006	0.003
0	NV	-0.009	0.004	-0.002	-0.002	0.003	-0.003
+10	NV	0.007	0.001	-0.001	0.002	0.001	-0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.003	0.001	0.001	-0.001	0.002	0.006
+40	NV	-0.001	0.003	-0.001	0.001	0.002	-0.002
+50	NV	0.003	0.001	0.001	0.001	0.001	0.006
+55	NV	0.004	0.005	0.004	-0.003	0.002	0.002
+20	LV	0.010	0.002	-0.002	0.001	0.001	0.001
+20	HV	0.002	0.000	0.001	-0.001	0.002	-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	21.70	25.70	0.372
				1	3	21.78	25.78	0.378
				1	5	21.66	25.66	0.368
				3	0	21.83	25.83	0.383
				3	1	21.77	25.77	0.378
				3	3	21.73	25.73	0.374
				6	0	20.68	24.68	0.294
	1732.5	20175		1	0	21.45	25.45	0.351
				1	3	21.38	25.38	0.345
				1	5	21.39	25.39	0.346
				3	0	21.38	25.38	0.345
				3	1	21.42	25.42	0.348
				3	3	21.41	25.41	0.348
				6	0	20.45	24.45	0.279
	1754.3	20393		1	0	21.29	25.29	0.338
				1	3	21.25	25.25	0.335
				1	5	21.24	25.24	0.334
				3	0	21.26	25.26	0.336
				3	1	21.25	25.25	0.335
				3	3	21.31	25.31	0.340
				6	0	20.33	24.33	0.271
16QAM	1710.7	19957		1	0	20.82	24.82	0.303
				1	3	20.87	24.87	0.307
				1	5	20.81	24.81	0.303
				3	0	20.76	24.76	0.299
				3	1	20.75	24.75	0.299
				3	3	20.69	24.69	0.294
				6	0	19.55	23.55	0.226
	1732.5	20175		1	0	20.51	24.51	0.282
				1	3	20.45	24.45	0.279
				1	5	20.45	24.45	0.279
				3	0	20.68	24.68	0.294
				3	1	20.68	24.68	0.294
				3	3	20.57	24.57	0.286
				6	0	19.51	23.51	0.224
	1754.3	20393		1	0	20.33	24.33	0.271
				1	3	20.34	24.34	0.272
				1	5	20.35	24.35	0.272
				3	0	20.26	24.26	0.267
				3	1	20.20	24.20	0.263
				3	3	20.20	24.20	0.263
				6	0	19.31	23.31	0.214

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	19.58	23.58	0.228
				1	3	19.53	23.53	0.225
				1	5	19.59	23.59	0.229
				3	0	19.54	23.54	0.226
				3	1	19.50	23.50	0.224
				3	3	19.59	23.59	0.229
				6	0	19.62	23.62	0.230
	1732.5	20175		1	0	19.51	23.51	0.224
				1	3	19.45	23.45	0.221
				1	5	19.52	23.52	0.225
				3	0	19.52	23.52	0.225
				3	1	19.48	23.48	0.223
				3	3	19.52	23.52	0.225
				6	0	19.52	23.52	0.225
	1754.3	20393		1	0	19.32	23.32	0.215
				1	3	19.33	23.33	0.215
				1	5	19.40	23.40	0.219
				3	0	19.34	23.34	0.216
				3	1	19.33	23.33	0.215
				3	3	19.34	23.34	0.216
				6	0	19.42	23.42	0.220

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	21.68	25.68	0.370
				1	8	21.61	25.61	0.364
				1	14	21.65	25.65	0.367
				8	0	20.72	24.72	0.296
				8	4	20.72	24.72	0.296
				8	7	20.71	24.71	0.296
				15	0	20.75	24.75	0.299
	1732.5	20175		1	0	21.57	25.57	0.361
				1	8	21.54	25.54	0.358
				1	14	21.52	25.52	0.356
				8	0	20.52	24.52	0.283
				8	4	20.56	24.56	0.286
				8	7	20.56	24.56	0.286
				15	0	20.58	24.58	0.287
	1753.5	20385		1	0	21.41	25.41	0.348
				1	8	21.28	25.28	0.337
				1	14	21.34	25.34	0.342
				8	0	20.45	24.45	0.279
				8	4	20.35	24.35	0.272
				8	7	20.38	24.38	0.274
				15	0	20.35	24.35	0.272
16QAM	1711.5	19965		1	0	21.32	25.32	0.340
				1	8	21.29	25.29	0.338
				1	14	21.25	25.25	0.335
				8	0	19.92	23.92	0.247
				8	4	19.89	23.89	0.245
				8	7	19.96	23.96	0.249
				15	0	19.82	23.82	0.241
	1732.5	20175		1	0	20.70	24.70	0.295
				1	8	20.62	24.62	0.290
				1	14	20.61	24.61	0.289
				8	0	19.59	23.59	0.229
				8	4	19.51	23.51	0.224
				8	7	19.51	23.51	0.224
				15	0	19.48	23.48	0.223
	1753.5	20385		1	0	20.48	24.48	0.281
				1	8	20.46	24.46	0.279
				1	14	20.43	24.43	0.277
				8	0	19.44	23.44	0.221
				8	4	19.41	23.41	0.219
				8	7	19.42	23.42	0.220
				15	0	19.46	23.46	0.222

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	19.82	23.82	0.241
				1	8	19.82	23.82	0.241
				1	14	19.82	23.82	0.241
				8	0	19.82	23.82	0.241
				8	4	19.75	23.75	0.237
				8	7	19.81	23.81	0.240
				15	0	19.81	23.81	0.240
	1732.5	20175		1	0	19.48	23.48	0.223
				1	8	19.48	23.48	0.223
				1	14	19.48	23.48	0.223
				8	0	19.48	23.48	0.223
				8	4	19.48	23.48	0.223
				8	7	19.48	23.48	0.223
				15	0	19.48	23.48	0.223
	1753.5	20385		1	0	19.46	23.46	0.222
				1	8	19.46	23.46	0.222
				1	14	19.43	23.43	0.220
				8	0	19.47	23.47	0.222
				8	4	19.44	23.44	0.221
				8	7	19.43	23.43	0.220
				15	0	19.47	23.47	0.222

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	21.78	25.78	0.378
				1	12	21.67	25.67	0.369
				1	24	21.65	25.65	0.367
				12	0	20.78	24.78	0.301
				12	7	20.75	24.75	0.299
				12	13	20.75	24.75	0.299
				25	0	20.76	24.76	0.299
	1732.5	20175		1	0	21.59	25.59	0.362
				1	12	21.45	25.45	0.351
				1	24	21.47	25.47	0.352
				12	0	20.56	24.56	0.286
				12	7	20.48	24.48	0.281
				12	13	20.47	24.47	0.280
				25	0	20.55	24.55	0.285
	1752.5	20375		1	0	21.45	25.45	0.351
				1	12	21.28	25.28	0.337
				1	24	21.34	25.34	0.342
				12	0	20.49	24.49	0.281
				12	7	20.37	24.37	0.274
				12	13	20.37	24.37	0.274
				25	0	20.38	24.38	0.274
16QAM	1712.5	19975		1	0	20.81	24.81	0.303
				1	12	20.75	24.75	0.299
				1	24	20.69	24.69	0.294
				12	0	19.77	23.77	0.238
				12	7	19.73	23.73	0.236
				12	13	19.73	23.73	0.236
				25	0	19.76	23.76	0.238
	1732.5	20175		1	0	20.93	24.93	0.311
				1	12	20.79	24.79	0.301
				1	24	20.74	24.74	0.298
				12	0	19.62	23.62	0.230
				12	7	19.64	23.64	0.231
				12	13	19.56	23.56	0.227
				25	0	19.55	23.55	0.226
	1752.5	20375		1	0	20.54	24.54	0.284
				1	12	20.46	24.46	0.279
				1	24	20.47	24.47	0.280
				12	0	19.40	23.40	0.219
				12	7	19.37	23.37	0.217
				12	13	19.38	23.38	0.218
				25	0	19.46	23.46	0.222

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	19.84	23.84	0.242
				1	12	19.84	23.84	0.242
				1	24	19.83	23.83	0.242
				12	0	19.80	23.80	0.240
				12	7	19.84	23.84	0.242
				12	13	19.80	23.80	0.240
				25	0	19.84	23.84	0.242
	1732.5	20175		1	0	19.56	23.56	0.227
				1	12	19.55	23.55	0.226
				1	24	19.56	23.56	0.227
				12	0	19.55	23.55	0.226
				12	7	19.56	23.56	0.227
				12	13	19.56	23.56	0.227
				25	0	19.55	23.55	0.226
	1752.5	20375		1	0	19.46	23.46	0.222
				1	12	19.45	23.45	0.221
				1	24	19.46	23.46	0.222
				12	0	19.45	23.45	0.221
				12	7	19.46	23.46	0.222
				12	13	19.46	23.46	0.222
				25	0	19.47	23.47	0.222

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	21.78	25.78	0.378
				1	25	21.59	25.59	0.362
				1	49	21.60	25.60	0.363
				25	0	20.78	24.78	0.301
				25	12	20.71	24.71	0.296
				25	25	20.70	24.70	0.295
				50	0	20.79	24.79	0.301
	1732.5	20175		1	0	21.70	25.70	0.372
				1	25	21.44	25.44	0.350
				1	49	21.41	25.41	0.348
				25	0	20.64	24.64	0.291
				25	12	20.55	24.55	0.285
				25	25	20.54	24.54	0.284
				50	0	20.57	24.57	0.286
	1750	20350		1	0	21.44	25.44	0.350
				1	25	21.36	25.36	0.344
				1	49	21.29	25.29	0.338
				25	0	20.40	24.40	0.275
				25	12	20.41	24.41	0.276
				25	25	20.42	24.42	0.277
				50	0	20.48	24.48	0.281
16QAM	1715	20000		1	0	21.32	25.32	0.340
				1	25	21.15	25.15	0.327
				1	49	21.15	25.15	0.327
				25	0	19.89	23.89	0.245
				25	12	19.76	23.76	0.238
				25	25	19.77	23.77	0.238
				50	0	19.79	23.79	0.239
	1732.5	20175		1	0	20.77	24.77	0.300
				1	25	20.59	24.59	0.288
				1	49	20.54	24.54	0.284
				25	0	19.67	23.67	0.233
				25	12	19.52	23.52	0.225
				25	25	19.52	23.52	0.225
				50	0	19.63	23.63	0.231
	1750	20350		1	0	20.51	24.51	0.282
				1	25	20.55	24.55	0.285
				1	49	20.45	24.45	0.279
				25	0	19.56	23.56	0.227
				25	12	19.58	23.58	0.228
				25	25	19.55	23.55	0.226
				50	0	19.48	23.48	0.223

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	19.79	23.79	0.239
				1	25	19.79	23.79	0.239
				1	49	19.79	23.79	0.239
				25	0	19.80	23.80	0.240
				25	12	19.79	23.79	0.239
				25	25	19.80	23.80	0.240
				50	0	19.80	23.80	0.240
	1732.5	20175		1	0	19.63	23.63	0.231
				1	25	19.57	23.57	0.228
				1	49	19.57	23.57	0.228
				25	0	19.56	23.56	0.227
				25	12	19.57	23.57	0.228
				25	25	19.63	23.63	0.231
				50	0	19.63	23.63	0.231
	1750	20350		1	0	19.48	23.48	0.223
				1	25	19.56	23.56	0.227
				1	49	19.45	23.45	0.221
				25	0	19.49	23.49	0.223
				25	12	19.46	23.46	0.222
				25	25	19.49	23.49	0.223
				50	0	19.46	23.46	0.222

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	21.70	25.70	0.372
				1	37	21.61	25.61	0.364
				1	74	21.62	25.62	0.365
				36	0	20.68	24.68	0.294
				36	29	20.69	24.69	0.294
				36	30	20.72	24.72	0.296
				75	0	20.63	24.63	0.290
	1732.5	20175		1	0	21.80	25.80	0.380
				1	37	21.60	25.60	0.363
				1	74	21.56	25.56	0.360
				36	0	20.67	24.67	0.293
				36	29	20.54	24.54	0.284
				36	30	20.52	24.52	0.283
				75	0	20.56	24.56	0.286
	1747.5	20325		1	0	21.62	25.62	0.365
				1	37	21.42	25.42	0.348
				1	74	21.35	25.35	0.343
				36	0	20.54	24.54	0.284
				36	29	20.49	24.49	0.281
				36	30	20.50	24.50	0.282
				75	0	20.46	24.46	0.279
16QAM	1717.5	20025		1	0	21.58	25.58	0.361
				1	37	21.19	25.19	0.330
				1	74	21.18	25.18	0.330
				36	0	19.77	23.77	0.238
				36	29	19.73	23.73	0.236
				36	30	19.70	23.70	0.234
				75	0	19.66	23.66	0.232
	1732.5	20175		1	0	20.94	24.94	0.312
				1	37	20.75	24.75	0.299
				1	74	20.68	24.68	0.294
				36	0	19.69	23.69	0.234
				36	29	19.57	23.57	0.228
				36	30	19.54	23.54	0.226
				75	0	19.64	23.64	0.231
	1747.5	20325		1	0	21.24	25.24	0.334
				1	37	20.86	24.86	0.306
				1	74	20.91	24.91	0.310
				36	0	19.55	23.55	0.226
				36	29	19.47	23.47	0.222
				36	30	19.48	23.48	0.223
				75	0	19.37	23.37	0.217

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	19.67	23.67	0.233
				1	37	19.67	23.67	0.233
				1	74	19.66	23.66	0.232
				36	0	19.67	23.67	0.233
				36	29	19.67	23.67	0.233
				36	30	19.67	23.67	0.233
				75	0	19.67	23.67	0.233
	1732.5	20175		1	0	19.64	23.64	0.231
				1	37	19.64	23.64	0.231
				1	74	19.64	23.64	0.231
				36	0	19.64	23.64	0.231
				36	29	19.64	23.64	0.231
				36	30	19.64	23.64	0.231
				75	0	19.64	23.64	0.231
	1747.5	20325		1	0	19.41	23.41	0.219
				1	37	19.38	23.38	0.218
				1	74	19.42	23.42	0.220
				36	0	19.42	23.42	0.220
				36	29	19.49	23.49	0.223
				36	30	19.42	23.42	0.220
				75	0	19.45	23.45	0.221

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	21.81	25.81	0.381
				1	49	21.57	25.57	0.361
				1	99	21.53	25.53	0.357
				50	0	20.70	24.70	0.295
				50	24	20.67	24.67	0.293
				50	50	20.66	24.66	0.292
				100	0	20.61	24.61	0.289
	1732.5	20175		1	0	21.95	25.95	0.394
				1	49	21.56	25.56	0.360
				1	99	21.57	25.57	0.361
				50	0	20.77	24.77	0.300
				50	24	20.59	24.59	0.288
				50	50	20.57	24.57	0.286
				100	0	20.66	24.66	0.292
	1745	20300		1	0	21.65	25.65	0.367
				1	49	21.27	25.27	0.337
				1	99	21.36	25.36	0.344
				50	0	20.66	24.66	0.292
				50	24	20.50	24.50	0.282
				50	50	20.50	24.50	0.282
				100	0	20.52	24.52	0.283
16QAM	1720	20050		1	0	21.11	25.11	0.324
				1	49	20.83	24.83	0.304
				1	99	20.81	24.81	0.303
				50	0	19.73	23.73	0.236
				50	24	19.66	23.66	0.232
				50	50	19.67	23.67	0.233
				100	0	19.64	23.64	0.231
	1732.5	20175		1	0	21.10	25.10	0.324
				1	49	20.74	24.74	0.298
				1	99	20.77	24.77	0.300
				50	0	19.77	23.77	0.238
				50	24	19.60	23.60	0.229
				50	50	19.60	23.60	0.229
				100	0	19.61	23.61	0.230
	1745	20300		1	0	21.24	25.24	0.334
				1	49	20.95	24.95	0.313
				1	99	20.99	24.99	0.316
				50	0	19.58	23.58	0.228
				50	24	19.50	23.50	0.224
				50	50	19.50	23.50	0.224
				100	0	19.54	23.54	0.226

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	19.64	23.64	0.231
				1	49	19.65	23.65	0.232
				1	99	19.65	23.65	0.232
				50	0	19.66	23.66	0.232
				50	24	19.73	23.73	0.236
				50	50	19.66	23.66	0.232
				100	0	19.66	23.66	0.232
	1732.5	20175		1	0	19.62	23.62	0.230
				1	49	19.62	23.62	0.230
				1	99	19.62	23.62	0.230
				50	0	19.62	23.62	0.230
				50	24	19.63	23.63	0.231
				50	50	19.63	23.63	0.231
				100	0	19.63	23.63	0.231
	1745	20300		1	0	19.54	23.54	0.226
				1	49	19.58	23.58	0.228
				1	99	19.46	23.46	0.222
				50	0	19.54	23.54	0.226
				50	24	19.46	23.46	0.222
				50	50	19.50	23.50	0.224
				100	0	19.50	23.50	0.224