

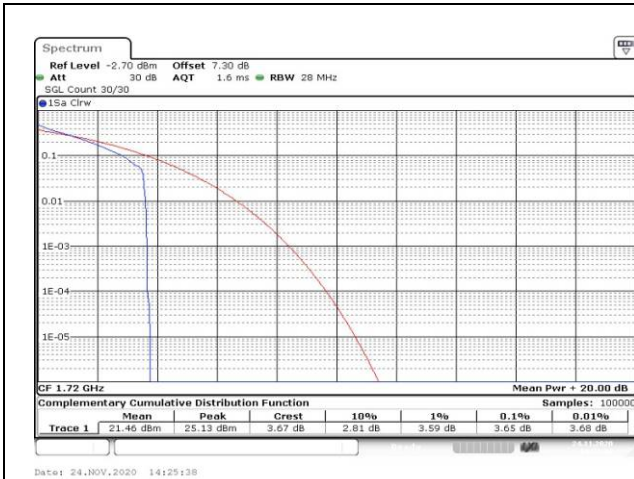


Fig.91

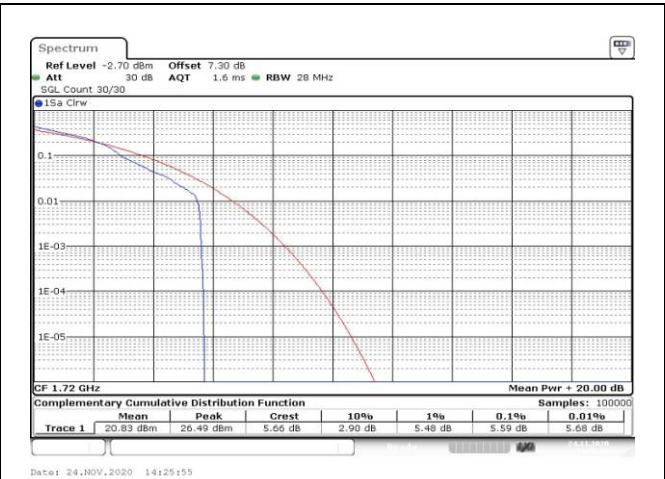


Fig.92



Fig.93

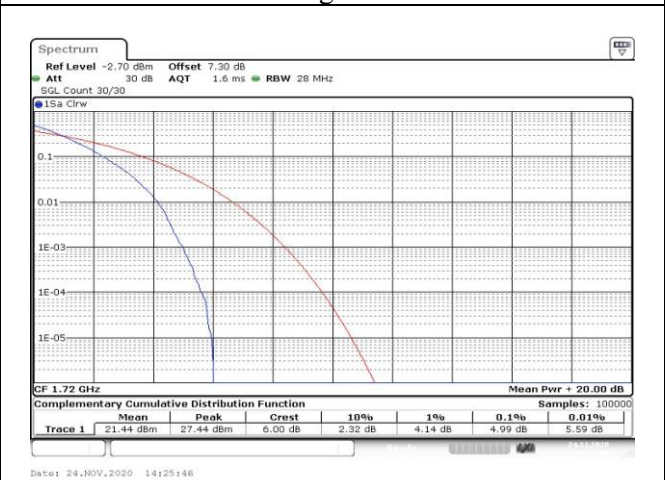


Fig.94

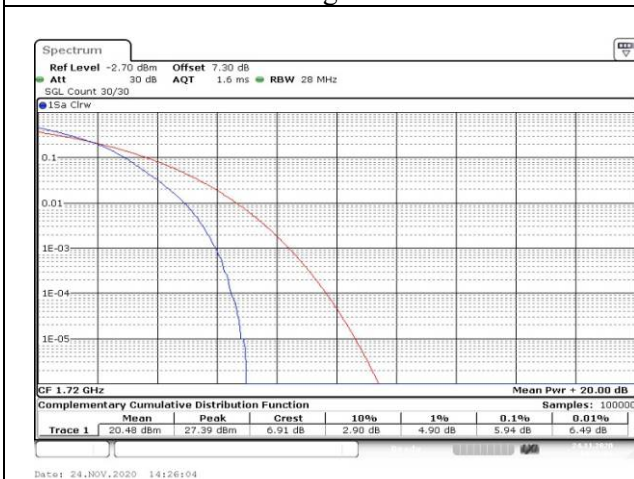


Fig.95

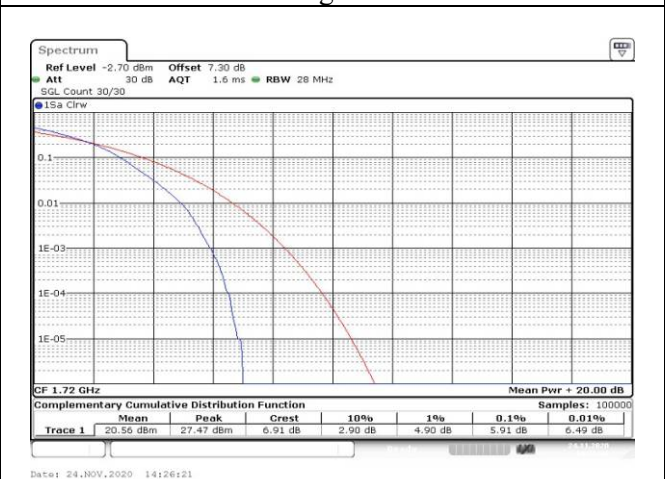


Fig.96

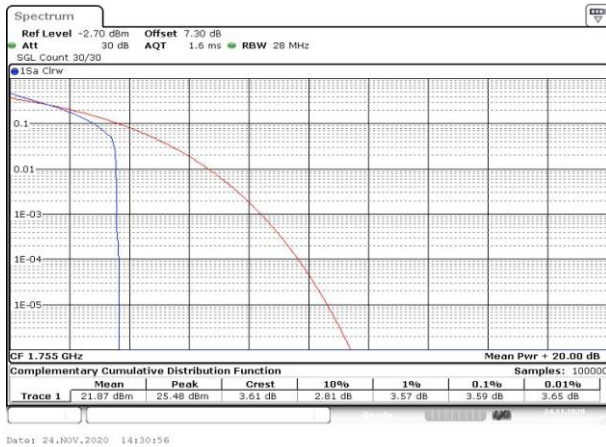


Fig.97

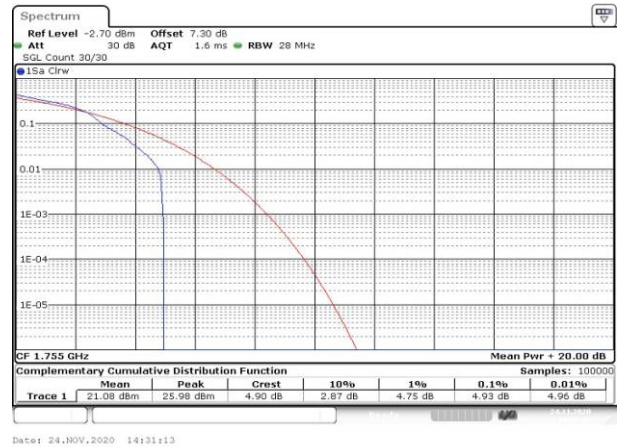


Fig.98

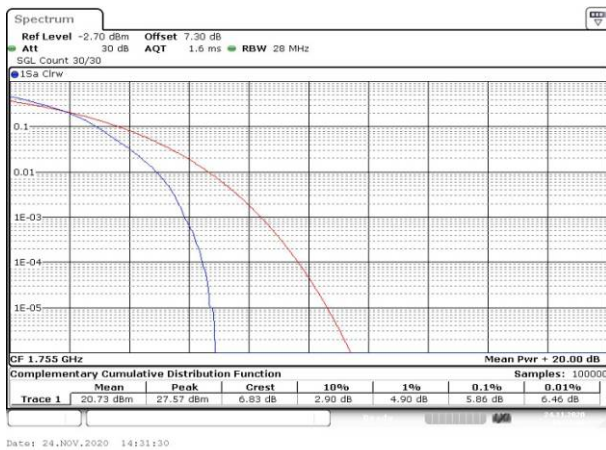


Fig.99

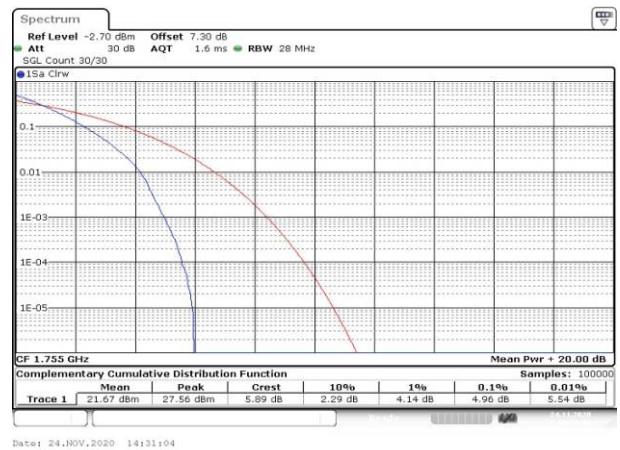


Fig.100

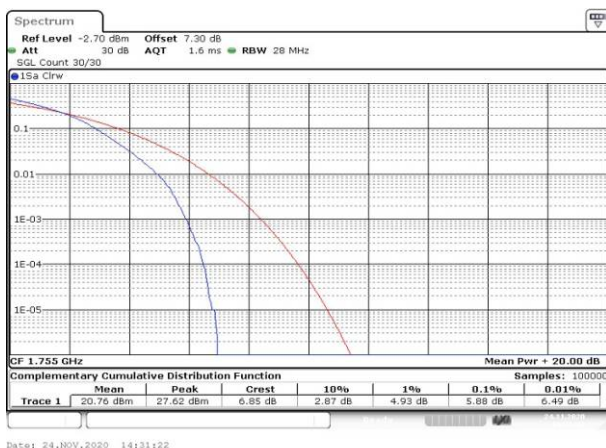


Fig.101

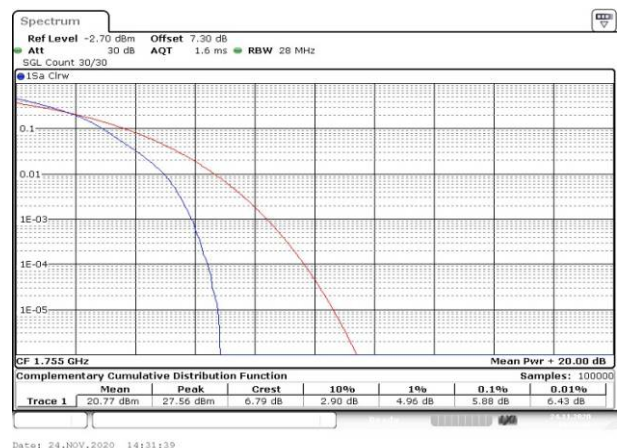


Fig.102



Fig.103

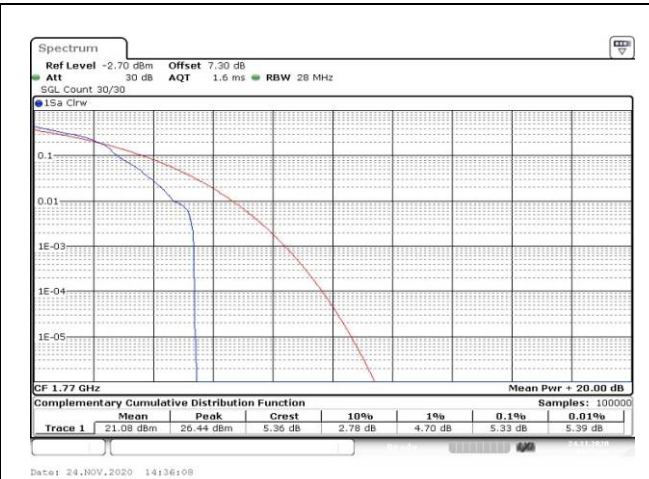


Fig.104



Fig.105



Fig.106

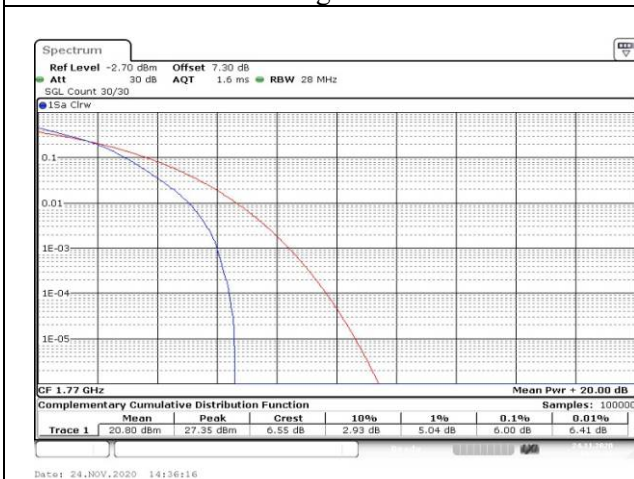


Fig.107

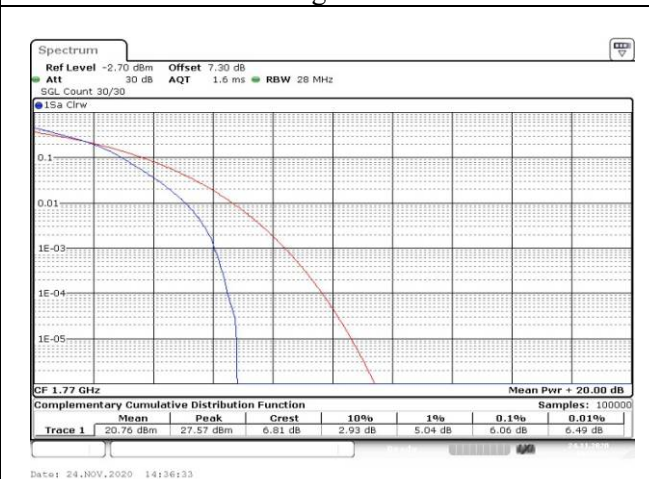


Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot QPSK
66	1720	132072	20	1	99	Fig.1
	1745	132322		1	99	Fig.2
	1770	132572		1	99	Fig.3

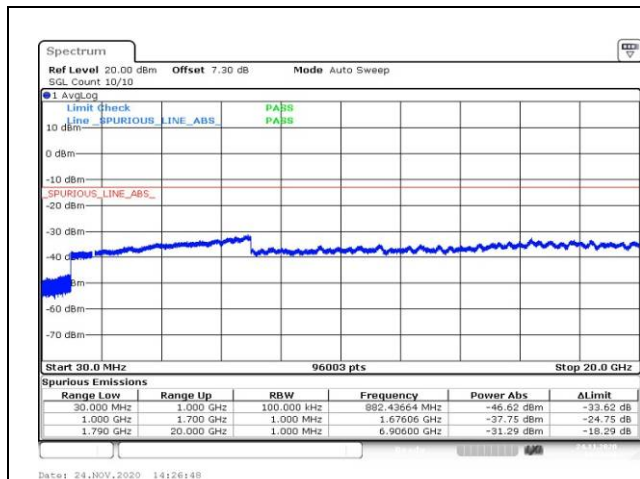


Fig.1

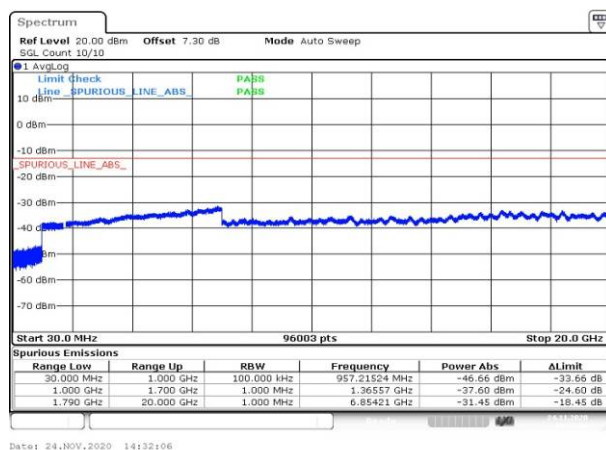


Fig.2

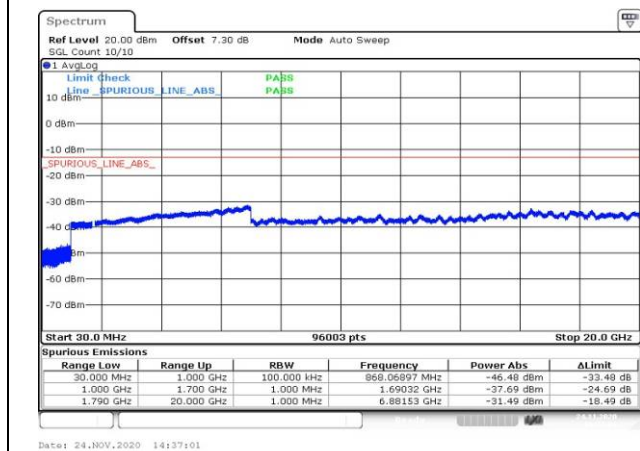


Fig.3

6 Band Edges Compliance

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

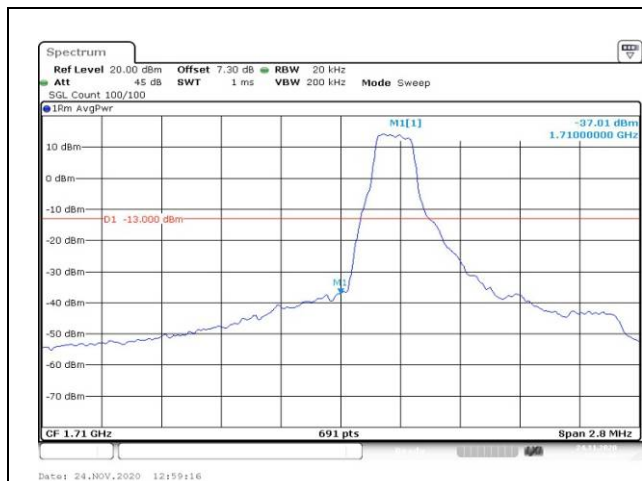


Fig.1

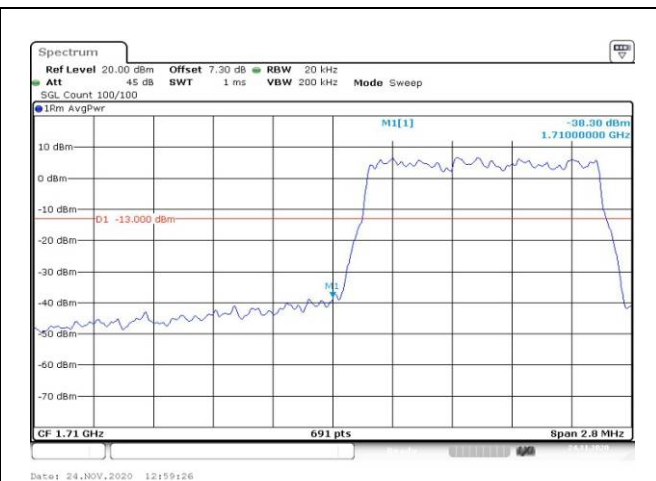


Fig.2

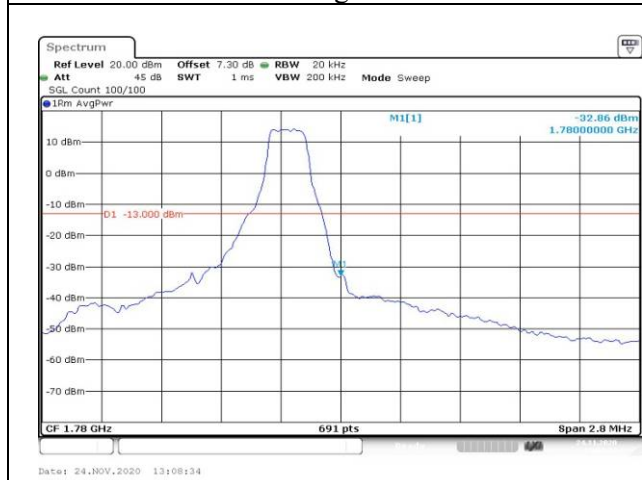


Fig.3

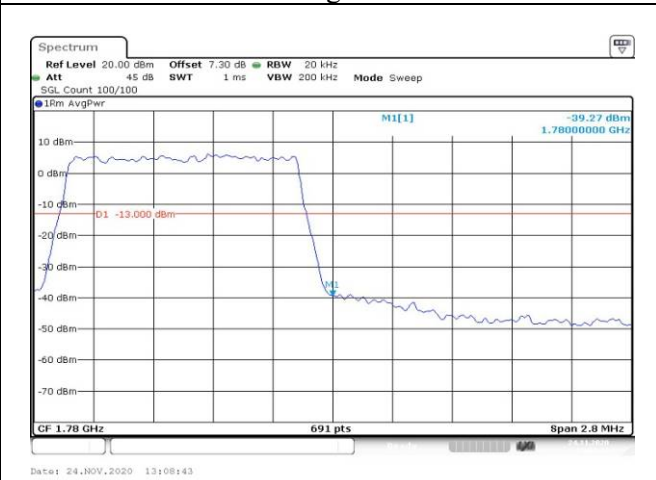


Fig.4

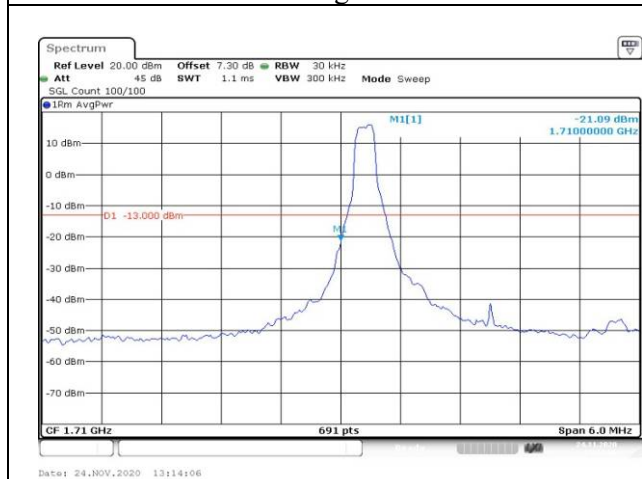


Fig.5

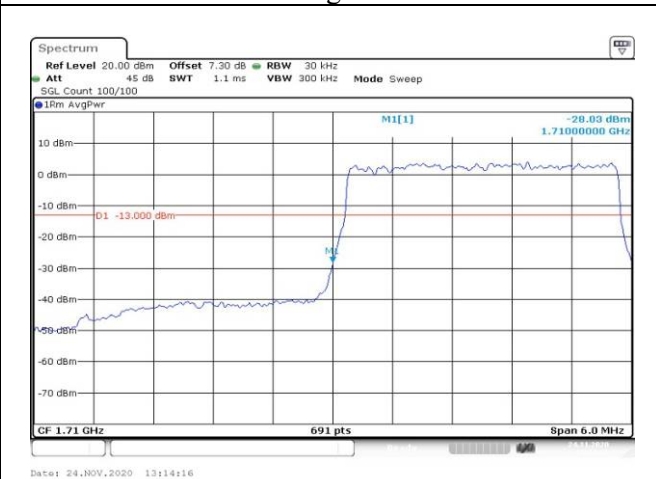
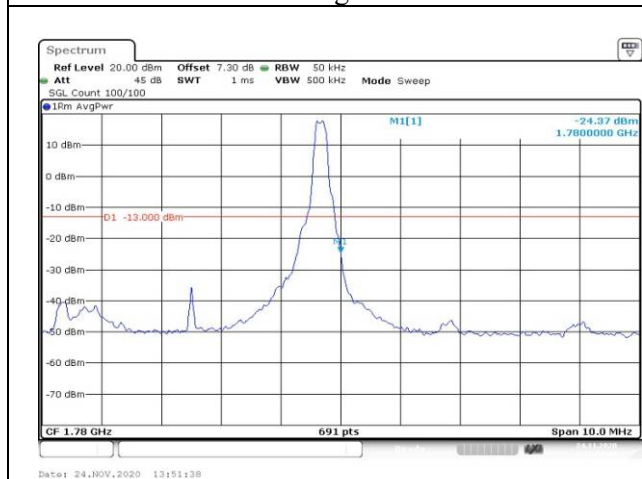
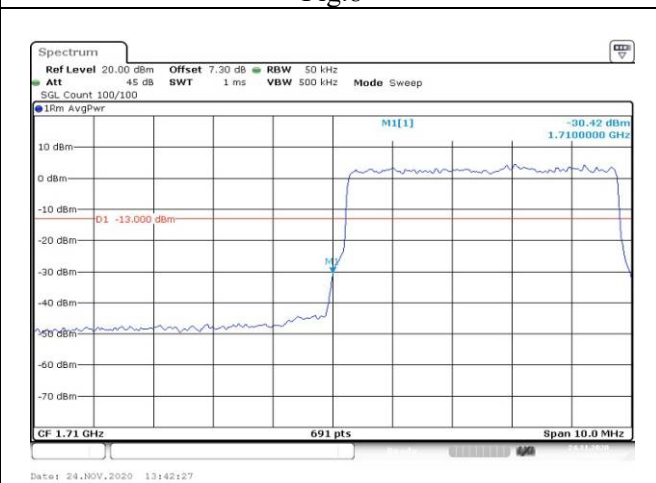
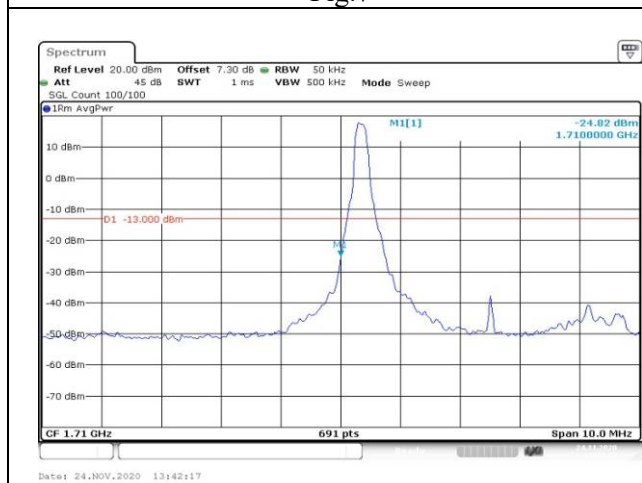
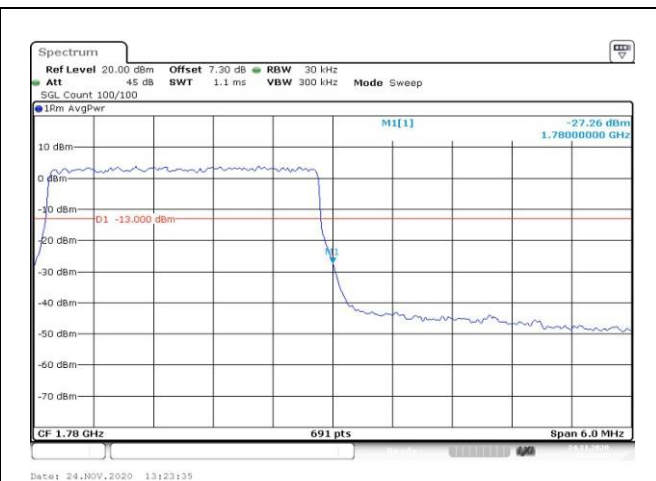
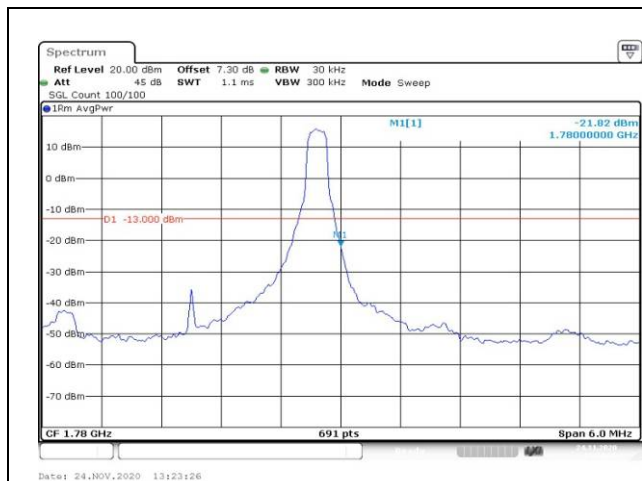


Fig.6



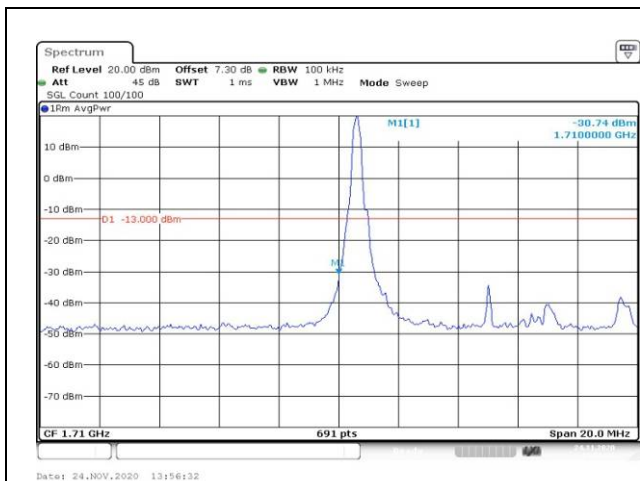


Fig.13

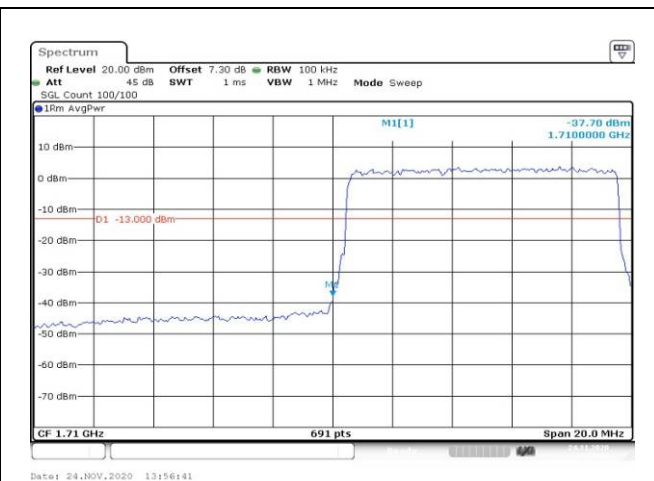


Fig.14

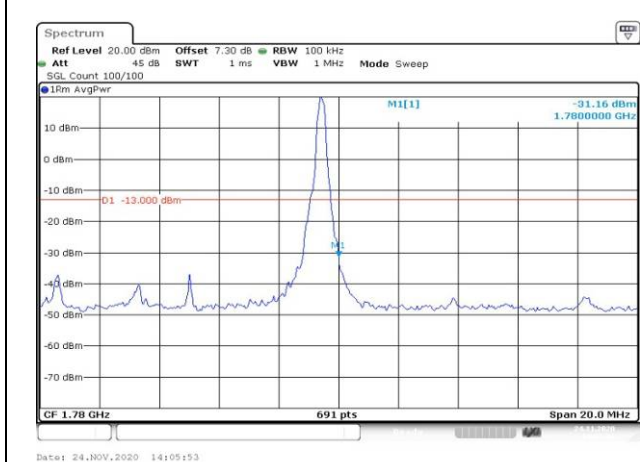


Fig.15

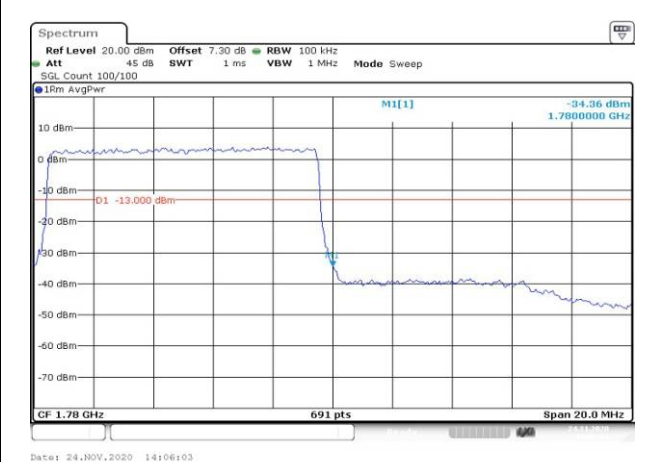


Fig.16

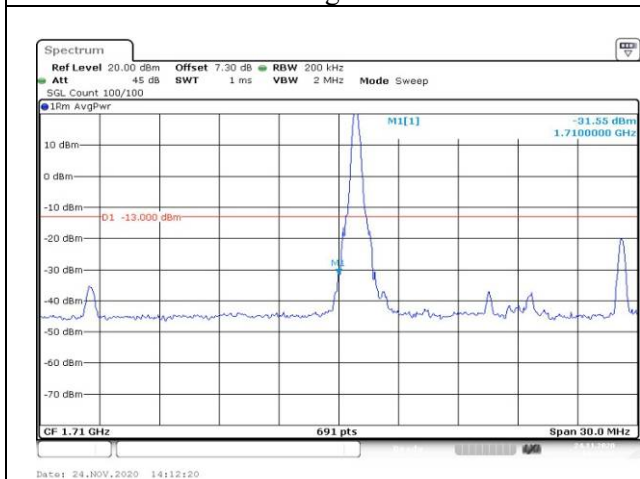


Fig.17

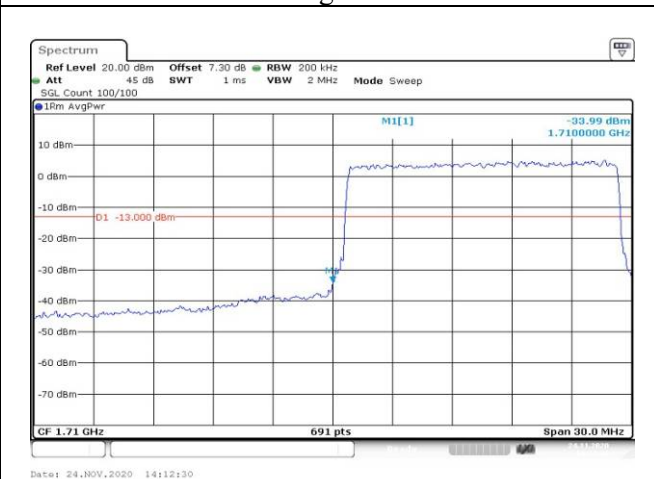
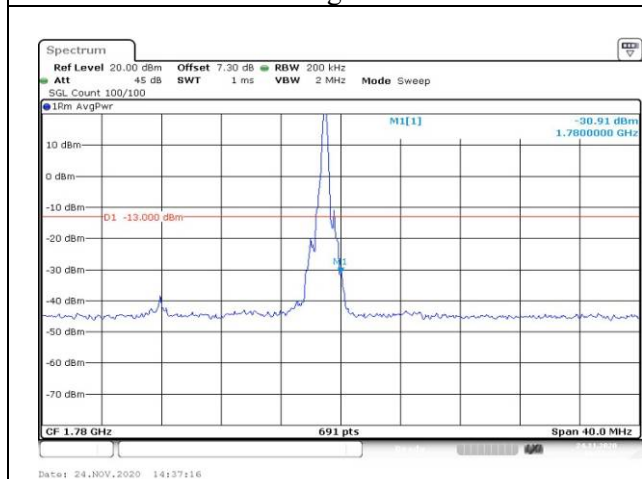
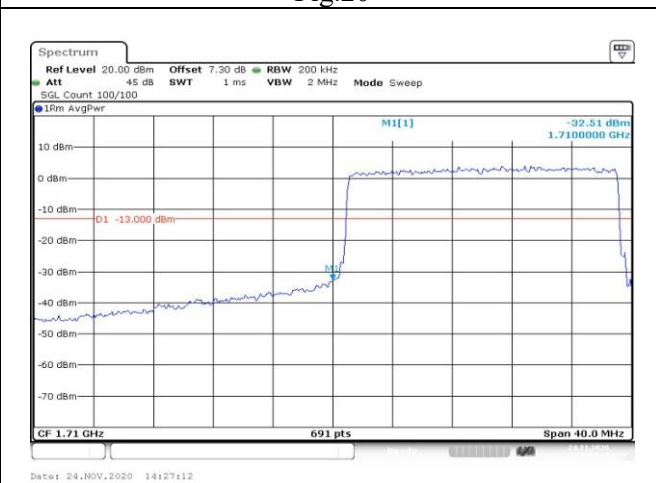
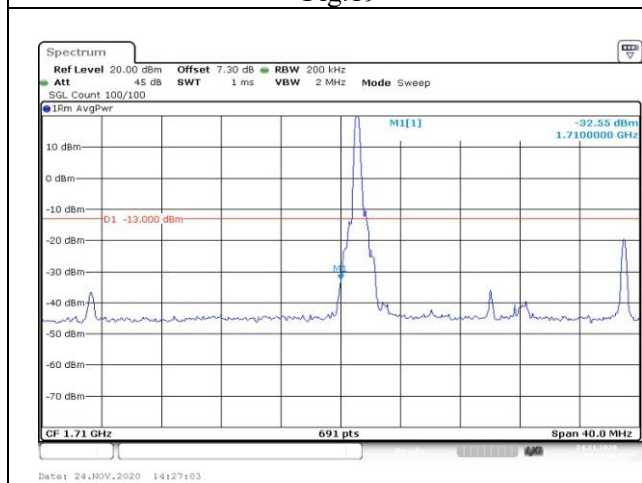
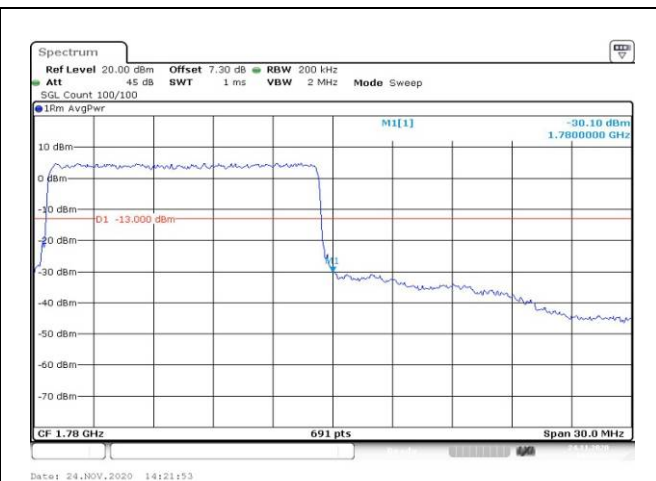
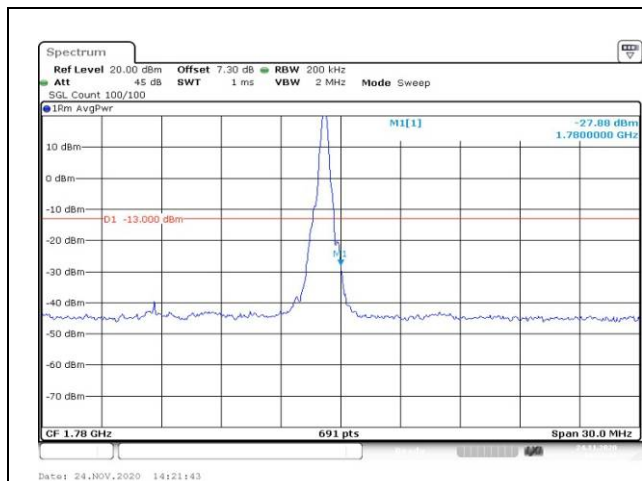


Fig.18



7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band66 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.000	0.001	-0.004	0.002	-0.003	-0.001
-10	NV	0.004	-0.006	-0.001	0.000	-0.001	0.006
0	NV	-0.019	-0.007	-0.004	0.001	0.004	0.000
+10	NV	-0.002	-0.008	-0.001	-0.006	-0.001	0.002
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.009	-0.004	-0.003	-0.005	0.000	-0.002
+40	NV	0.006	-0.006	0.001	0.001	0.003	-0.002
+50	NV	0.005	-0.007	-0.002	0.004	0.004	0.000
+20	LV	-0.003	-0.007	-0.005	0.004	-0.005	-0.001
+20	HV	-0.006	-0.007	-0.005	0.000	-0.003	0.001

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

8 Effective Radiated Power and Effective Isotropic Radiated Power

Effective Radiated Power and Effective Isotropic Radiated Power									
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1710.7	131979	1.4	1	0	22.65	24.65	0.292	
				1	3	22.64	24.64	0.291	
				1	5	22.72	24.72	0.296	
				3	0	22.71	24.71	0.296	
				3	1	22.69	24.69	0.294	
				3	3	22.66	24.66	0.292	
	1755	132422		6	0	21.78	23.78	0.239	
				1	0	22.83	24.83	0.304	
				1	3	22.87	24.87	0.307	
				1	5	22.84	24.84	0.305	
				3	0	22.91	24.91	0.310	
				3	1	22.93	24.93	0.311	
	1779.3	132665		3	3	22.90	24.90	0.309	
				6	0	21.96	23.96	0.249	
				1	0	22.82	24.82	0.303	
				1	3	22.87	24.87	0.307	
				1	5	22.82	24.82	0.303	
				3	0	22.87	24.87	0.307	
	16QAM	1710.7		131979	3	1	22.85	24.85	0.305
					3	3	22.87	24.87	0.307
					6	0	21.93	23.93	0.247
					1	0	21.84	23.84	0.242
					1	3	21.90	23.90	0.245
					1	5	21.89	23.89	0.245
1755		132422	3	0	21.86	23.86	0.243		
			3	1	21.81	23.81	0.240		
			3	3	21.81	23.81	0.240		
			6	0	20.70	22.70	0.186		
			1	0	22.08	24.08	0.256		
			1	3	22.09	24.09	0.256		
1779.3		132665	1	5	22.08	24.08	0.256		
			3	0	22.04	24.04	0.254		
			3	1	22.04	24.04	0.254		
			3	3	22.09	24.09	0.256		
			6	0	20.93	22.93	0.196		
			1	0	22.03	24.03	0.253		
			1	3	21.99	23.99	0.251		
			1	5	21.99	23.99	0.251		
			3	0	21.91	23.91	0.246		
			3	1	21.86	23.86	0.243		
			3	3	21.87	23.87	0.244		
			6	0	21.01	23.01	0.200		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1710.7	131979	1.4	1	0	20.70	22.70	0.186
				1	3	20.70	22.70	0.186
				1	5	20.69	22.69	0.186
				3	0	20.69	22.69	0.186
				3	1	20.69	22.69	0.186
				3	3	20.68	22.68	0.185
	6	0		20.68	22.68	0.185		
	1755	132422		1	0	20.93	22.93	0.196
				1	3	20.94	22.94	0.197
				1	5	20.89	22.89	0.195
				3	0	20.93	22.93	0.196
				3	1	20.89	22.89	0.195
				3	3	20.94	22.94	0.197
	6	0		20.93	22.93	0.196		
	1779.3	132665		1	0	21.01	23.01	0.200
				1	3	21.02	23.02	0.200
				1	5	21.02	23.02	0.200
				3	0	21.01	23.01	0.200
				3	1	21.01	23.01	0.200
				3	3	21.01	23.01	0.200
				6	0	21.01	23.01	0.200

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	22.79	24.79	0.301
				1	8	22.78	24.78	0.301
				1	14	22.72	24.72	0.296
				8	0	21.83	23.83	0.242
				8	4	21.81	23.81	0.240
				8	7	21.80	23.80	0.240
				15	0	21.83	23.83	0.242
	1755	132422		1	0	22.97	24.97	0.314
				1	8	23.00	25.00	0.316
				1	14	22.98	24.98	0.315
				8	0	22.05	24.05	0.254
				8	4	22.12	24.12	0.258
				8	7	22.12	24.12	0.258
				15	0	22.09	24.09	0.256
	1778.5	132657		1	0	22.90	24.90	0.309
				1	8	22.98	24.98	0.315
				1	14	22.94	24.94	0.312
				8	0	22.07	24.07	0.255
				8	4	21.99	23.99	0.251
				8	7	21.99	23.99	0.251
				15	0	22.08	24.08	0.256
16QAM	1711.5	131987		1	0	21.95	23.95	0.248
				1	8	21.87	23.87	0.244
				1	14	21.86	23.86	0.243
				8	0	20.89	22.89	0.195
				8	4	20.85	22.85	0.193
				8	7	20.85	22.85	0.193
				15	0	20.91	22.91	0.195
	1755	132422		1	0	22.15	24.15	0.260
				1	8	22.22	24.22	0.264
				1	14	22.22	24.22	0.264
				8	0	21.09	23.09	0.204
				8	4	21.17	23.17	0.207
				8	7	21.12	23.12	0.205
				15	0	21.13	23.13	0.206
	1778.5	132657		1	0	22.18	24.18	0.262
				1	8	22.10	24.10	0.257
				1	14	22.10	24.10	0.257
				8	0	21.11	23.11	0.205
				8	4	21.09	23.09	0.204
				8	7	21.07	23.07	0.203
				15	0	21.16	23.16	0.207

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1711.5	131987	3	1	0	20.91	22.91	0.195
				1	8	20.91	22.91	0.195
				1	14	20.91	22.91	0.195
				8	0	20.91	22.91	0.195
				8	4	20.90	22.90	0.195
				8	7	20.91	22.91	0.195
				15	0	20.91	22.91	0.195
	1755	132422		1	0	21.13	23.13	0.206
				1	8	21.13	23.13	0.206
				1	14	21.14	23.14	0.206
				8	0	21.13	23.13	0.206
				8	4	21.13	23.13	0.206
				8	7	21.13	23.13	0.206
				15	0	21.14	23.14	0.206
	1778.5	132657		1	0	21.16	23.16	0.207
				1	8	21.10	23.10	0.204
				1	14	21.10	23.10	0.204
				8	0	21.15	23.15	0.207
				8	4	21.17	23.17	0.207
				8	7	21.13	23.13	0.206
				15	0	21.15	23.15	0.207

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	131997	5	1	0	22.94	24.94	0.312
				1	12	23.04	25.04	0.319
				1	24	23.02	25.02	0.318
				12	0	22.04	24.04	0.254
				12	7	22.11	24.11	0.258
				12	13	22.12	24.12	0.258
				25	0	22.14	24.14	0.259
	1755	132422		1	0	22.87	24.87	0.307
				1	12	22.95	24.95	0.313
				1	24	22.91	24.91	0.310
				12	0	21.99	23.99	0.251
				12	7	22.02	24.02	0.252
				12	13	22.04	24.04	0.254
				25	0	22.08	24.08	0.256
	1777.5	132647		1	0	23.01	25.01	0.317
				1	12	22.86	24.86	0.306
				1	24	22.92	24.92	0.310
				12	0	22.04	24.04	0.254
				12	7	21.97	23.97	0.249
				12	13	22.02	24.02	0.252
				25	0	22.07	24.07	0.255
16QAM	1712.5	131997		1	0	22.08	24.08	0.256
				1	12	22.17	24.17	0.261
				1	24	22.25	24.25	0.266
				12	0	21.09	23.09	0.204
				12	7	21.12	23.12	0.205
				12	13	21.14	23.14	0.206
				25	0	21.21	23.21	0.209
	1755	132422	1	0	22.03	24.03	0.253	
			1	12	22.11	24.11	0.258	
			1	24	22.14	24.14	0.259	
			12	0	21.00	23.00	0.200	
			12	7	21.03	23.03	0.201	
			12	13	21.09	23.09	0.204	
			25	0	21.11	23.11	0.205	
	1777.5	132647	1	0	22.10	24.10	0.257	
			1	12	22.02	24.02	0.252	
			1	24	22.01	24.01	0.252	
			12	0	21.03	23.03	0.201	
			12	7	21.02	23.02	0.200	
			12	13	21.02	23.02	0.200	
			25	0	21.11	23.11	0.205	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1712.5	131997	5	1	0	21.81	23.81	0.240
				1	12	21.82	23.82	0.241
				1	24	21.77	23.77	0.238
				12	0	21.84	23.84	0.242
				12	7	21.83	23.83	0.242
				12	13	21.80	23.80	0.240
	1755	132422		25	0	21.78	23.78	0.239
				1	0	21.13	23.13	0.206
				1	12	21.12	23.12	0.205
				1	24	21.11	23.11	0.205
				12	0	21.10	23.10	0.204
				12	7	21.12	23.12	0.205
	1777.5	132647		12	13	21.10	23.10	0.204
				25	0	21.14	23.14	0.206
				1	0	21.08	23.08	0.203
				1	12	21.11	23.11	0.205
				1	24	21.14	23.14	0.206
				12	0	21.13	23.13	0.206
				12	7	21.12	23.12	0.205
				12	13	21.14	23.14	0.206
				25	0	21.13	23.13	0.206

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	132022	10	1	0	22.45	24.45	0.279
				1	25	22.64	24.64	0.291
				1	49	22.74	24.74	0.298
				25	0	21.88	23.88	0.244
				25	12	21.72	23.72	0.236
				25	25	21.75	23.75	0.237
				50	0	21.80	23.80	0.240
	1755	132422		1	0	23.03	25.03	0.318
				1	25	23.08	25.08	0.322
				1	49	23.04	25.04	0.319
				25	0	22.05	24.05	0.254
				25	12	22.11	24.11	0.258
				25	25	22.14	24.14	0.259
				50	0	22.05	24.05	0.254
	1775	132622		1	0	22.09	24.09	0.256
				1	25	23.03	25.03	0.318
				1	49	22.94	24.94	0.312
				25	0	22.06	24.06	0.255
				25	12	22.05	24.05	0.254
				25	25	21.99	23.99	0.251
				50	0	22.03	24.03	0.253
16QAM	1715	132022		1	0	21.96	23.96	0.249
				1	25	21.82	23.82	0.241
				1	49	21.81	23.81	0.240
				25	0	20.91	22.91	0.195
				25	12	20.87	22.87	0.194
				25	25	20.86	22.86	0.193
				50	0	20.87	22.87	0.194
	1755	132422	1	0	22.09	24.09	0.256	
			1	25	22.15	24.15	0.260	
			1	49	22.19	24.19	0.262	
			25	0	21.12	23.12	0.205	
			25	12	21.18	23.18	0.208	
			25	25	21.21	23.21	0.209	
			50	0	21.10	23.10	0.204	
	1775	132622	1	0	22.14	24.14	0.259	
			1	25	22.04	24.04	0.254	
			1	49	22.11	24.11	0.258	
			25	0	21.24	23.24	0.211	
			25	12	21.15	23.15	0.207	
			25	25	21.19	23.19	0.208	
			50	0	21.08	23.08	0.203	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1715	132022	10	1	0	20.88	22.88	0.194
				1	25	20.82	22.82	0.191
				1	49	20.84	22.84	0.192
				25	0	20.88	22.88	0.194
				25	12	20.87	22.87	0.194
				25	25	20.84	22.84	0.192
	1755	132422		50	0	20.80	22.80	0.191
				1	0	21.13	23.13	0.206
				1	25	21.08	23.08	0.203
				1	49	21.16	23.16	0.207
				25	0	21.08	23.08	0.203
				25	12	21.08	23.08	0.203
	1775	132622		25	25	21.14	23.14	0.206
				50	0	21.18	23.18	0.208
				1	0	21.07	23.07	0.203
				1	25	21.04	23.04	0.201
				1	49	21.10	23.10	0.204
				25	0	21.03	23.03	0.201
				25	12	21.09	23.09	0.204
				25	25	21.05	23.05	0.202
				50	0	21.02	23.02	0.200

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	15	1	0	22.78	24.78	0.301
				1	37	22.63	24.63	0.290
				1	74	22.59	24.59	0.288
				36	0	21.82	23.82	0.241
				36	29	21.84	23.84	0.242
				36	30	21.73	23.73	0.236
				75	0	21.77	23.77	0.238
	1755	132422		1	0	22.82	24.82	0.303
				1	37	22.98	24.98	0.315
				1	74	22.97	24.97	0.314
				36	0	22.01	24.01	0.252
				36	29	22.06	24.06	0.255
				36	30	22.11	24.11	0.258
				75	0	22.08	24.08	0.256
	1772.5	132597		1	0	22.84	24.84	0.305
				1	37	22.95	24.95	0.313
				1	74	22.96	24.96	0.313
				36	0	22.10	24.10	0.257
				36	29	22.14	24.14	0.259
				36	30	22.08	24.08	0.256
				75	0	22.01	24.01	0.252
16QAM	1717.5	132047		1	0	22.34	24.34	0.272
				1	37	22.13	24.13	0.259
				1	74	22.16	24.16	0.261
				36	0	20.83	22.83	0.192
				36	29	20.78	22.78	0.190
				36	30	20.75	22.75	0.188
				75	0	20.81	22.81	0.191
	1755	132422	1	0	22.49	24.49	0.281	
			1	37	22.56	24.56	0.286	
			1	74	22.58	24.58	0.287	
			36	0	20.97	22.97	0.198	
			36	29	21.09	23.09	0.204	
			36	30	21.10	23.10	0.204	
			75	0	21.08	23.08	0.203	
	1772.5	132597	1	0	22.63	24.63	0.290	
			1	37	22.53	24.53	0.284	
			1	74	22.49	24.49	0.281	
			36	0	21.08	23.08	0.203	
			36	29	21.13	23.13	0.206	
			36	30	21.12	23.12	0.205	
			75	0	21.09	23.09	0.204	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1717.5	132047	15	1	0	20.79	22.79	0.190
				1	37	20.74	22.74	0.188
				1	74	20.78	22.78	0.190
				36	0	20.81	22.81	0.191
				36	29	20.83	22.83	0.192
				36	30	20.72	22.72	0.187
	75	0		20.75	22.75	0.188		
	1755	132422		1	0	21.11	23.11	0.205
				1	37	21.08	23.08	0.203
				1	74	21.05	23.05	0.202
				36	0	21.05	23.05	0.202
				36	29	21.04	23.04	0.201
				36	30	21.04	23.04	0.201
	75	0		21.04	23.04	0.201		
	1772.5	132597		1	0	21.04	23.04	0.201
				1	37	21.13	23.13	0.206
				1	74	21.01	23.01	0.200
				36	0	21.04	23.04	0.201
				36	29	21.12	23.12	0.205
				36	30	21.11	23.11	0.205
				75	0	21.04	23.04	0.201

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	132072	20	1	0	22.41	24.41	0.276
				1	49	22.65	24.65	0.292
				1	99	22.68	24.68	0.294
				50	0	21.84	23.84	0.242
				50	24	21.75	23.75	0.237
				50	50	21.75	23.75	0.237
				100	0	21.79	23.79	0.239
	1755	132422		1	0	22.97	24.97	0.314
				1	49	22.88	24.88	0.308
				1	99	22.84	24.84	0.305
				50	0	21.99	23.99	0.251
				50	24	22.13	24.13	0.259
				50	50	22.10	24.10	0.257
				100	0	22.14	24.14	0.259
	1770	132572		1	0	23.05	25.05	0.320
				1	49	22.72	24.72	0.296
				1	99	22.86	24.86	0.306
				50	0	22.16	24.16	0.261
				50	24	22.05	24.05	0.254
				50	50	22.10	24.10	0.257
				100	0	22.06	24.06	0.255
16QAM	1720	132072		1	0	22.47	24.47	0.280
				1	49	22.18	24.18	0.262
				1	99	22.38	24.38	0.274
				50	0	20.77	22.77	0.189
				50	24	20.80	22.80	0.191
				50	50	20.80	22.80	0.191
				100	0	20.77	22.77	0.189
	1755	132422	1	0	22.46	24.46	0.279	
			1	49	22.79	24.79	0.301	
			1	99	22.76	24.76	0.299	
			50	0	20.98	22.98	0.199	
			50	24	21.16	23.16	0.207	
			50	50	21.12	23.12	0.205	
			100	0	21.12	23.12	0.205	
	1770	132572	1	0	22.80	24.80	0.302	
			1	49	22.49	24.49	0.281	
			1	99	22.56	24.56	0.286	
			50	0	21.16	23.16	0.207	
			50	24	21.14	23.14	0.206	
			50	50	21.12	23.12	0.205	
			100	0	21.06	23.06	0.202	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1720	132072	20	1	0	20.77	22.77	0.189
				1	49	20.86	22.86	0.193
				1	99	20.80	22.80	0.191
				50	0	20.88	22.88	0.194
				50	24	20.73	22.73	0.187
				50	50	20.84	22.84	0.192
	100	0		20.85	22.85	0.193		
	1755	132422		1	0	21.11	23.11	0.205
				1	49	21.12	23.12	0.205
				1	99	21.06	23.06	0.202
				50	0	21.09	23.09	0.204
				50	24	21.11	23.11	0.205
				50	50	21.11	23.11	0.205
	100	0		21.15	23.15	0.207		
	1770	132572		1	0	21.06	23.06	0.202
				1	49	21.10	23.10	0.204
				1	99	21.07	23.07	0.203
				50	0	21.07	23.07	0.203
				50	24	21.07	23.07	0.203
				50	50	21.03	23.03	0.201
				100	0	21.08	23.08	0.203