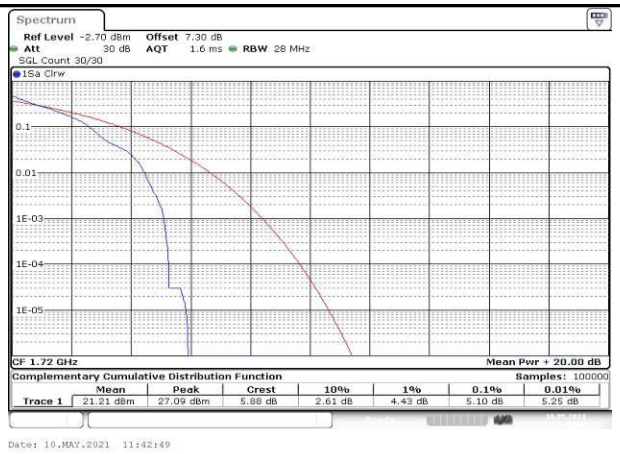

Fig.91

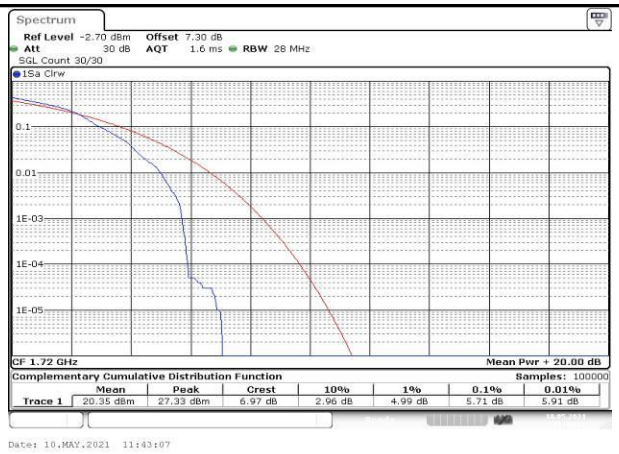

Fig.92

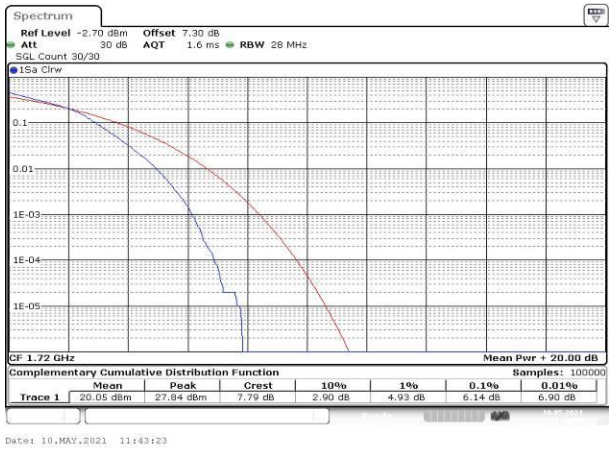

Fig.93

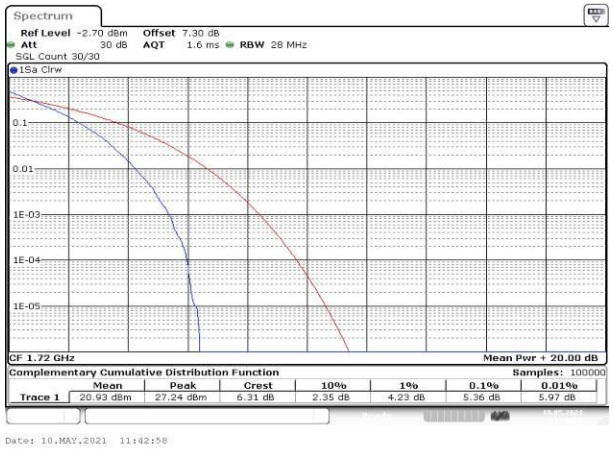

Fig.94

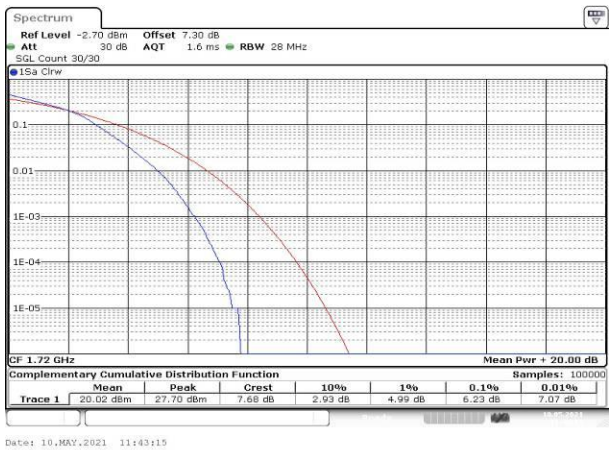

Fig.95

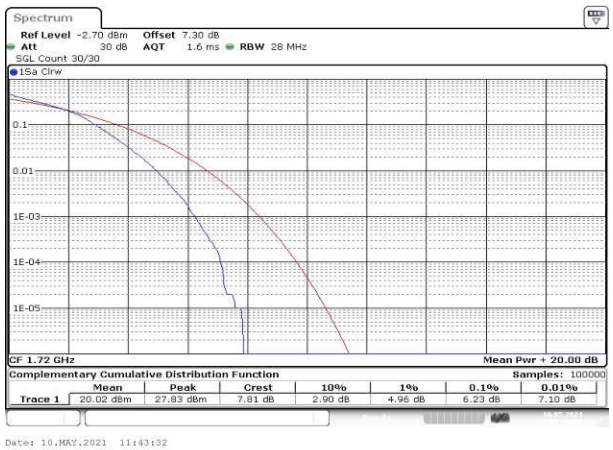

Fig.96

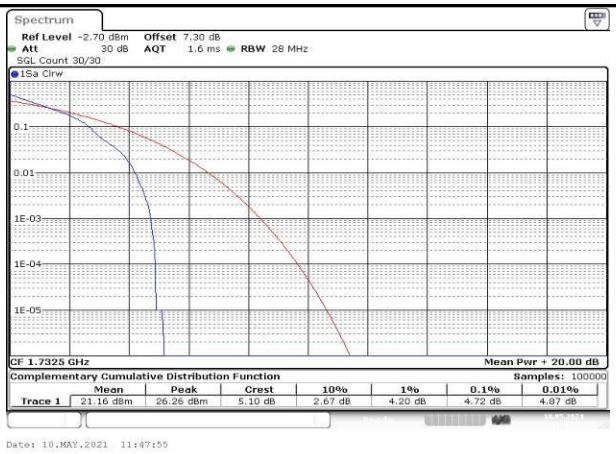

Fig.97

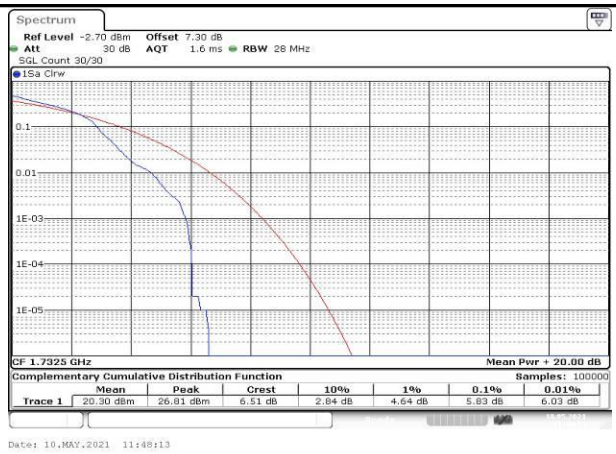

Fig.98

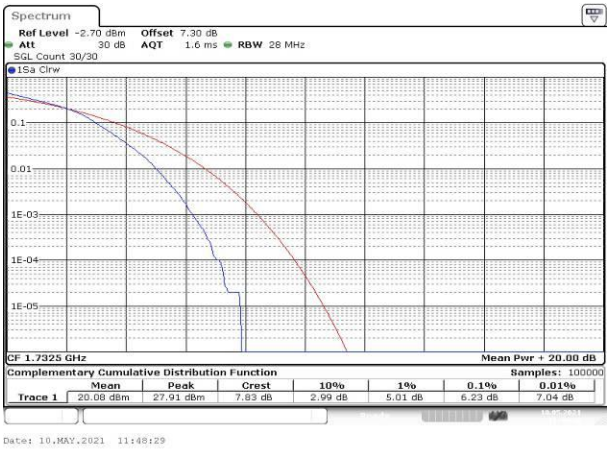

Fig.99

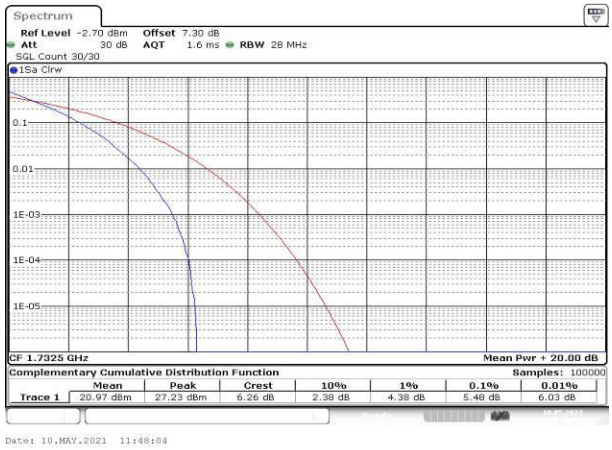

Fig.100

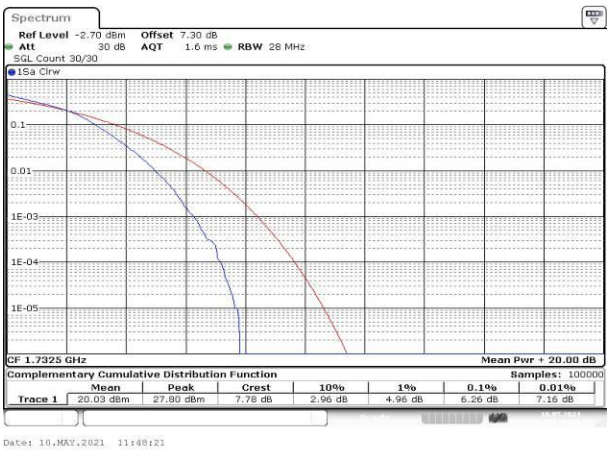

Fig.101

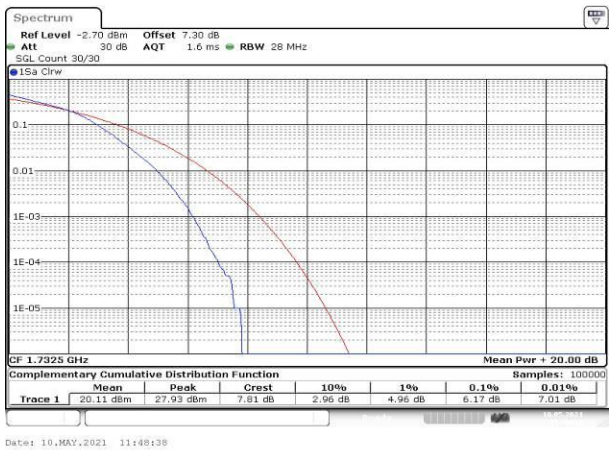

Fig.102

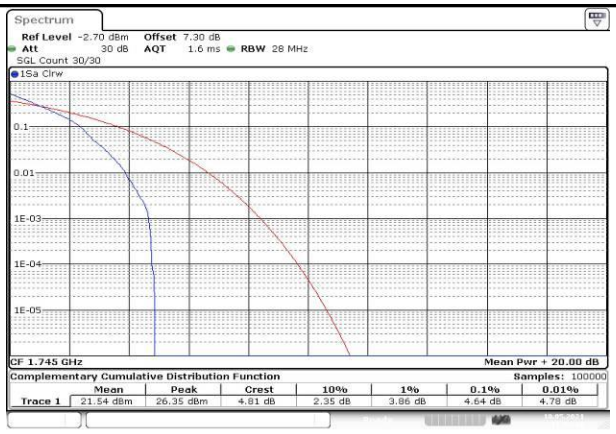

Fig.103

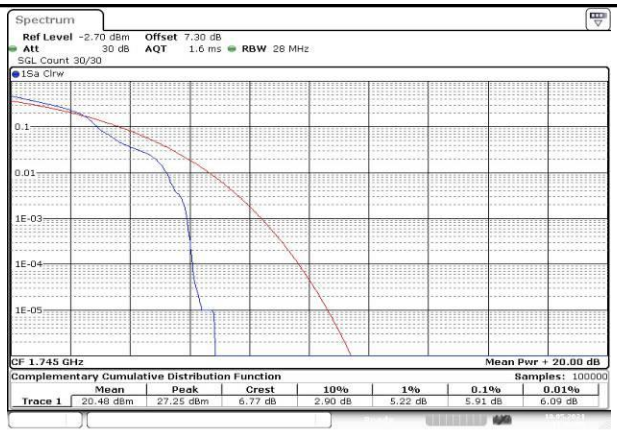

Fig.104

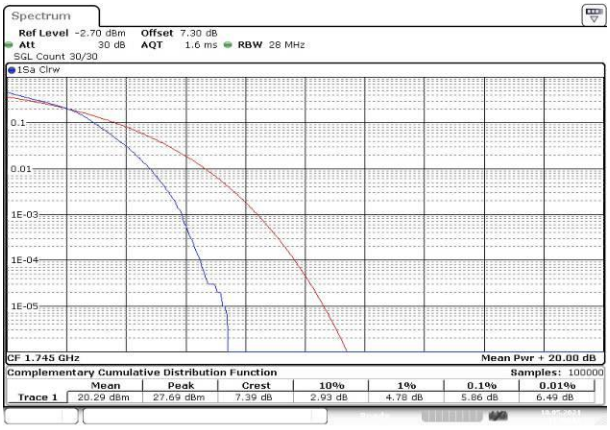

Fig.105

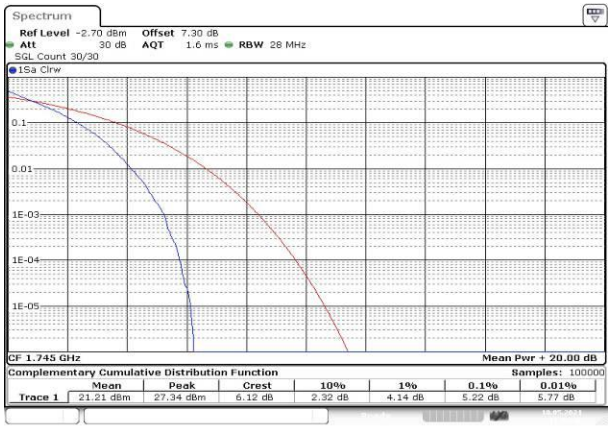

Fig.106

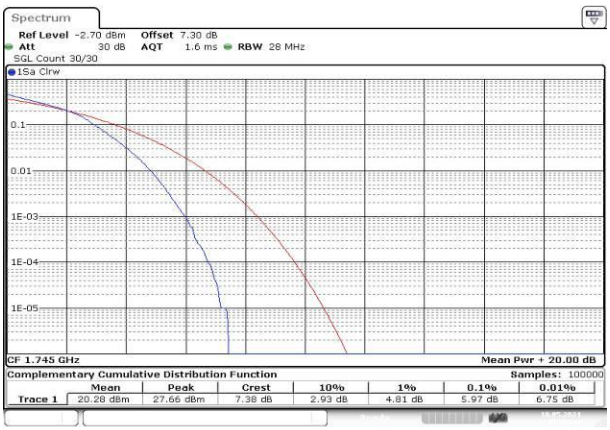

Fig.107

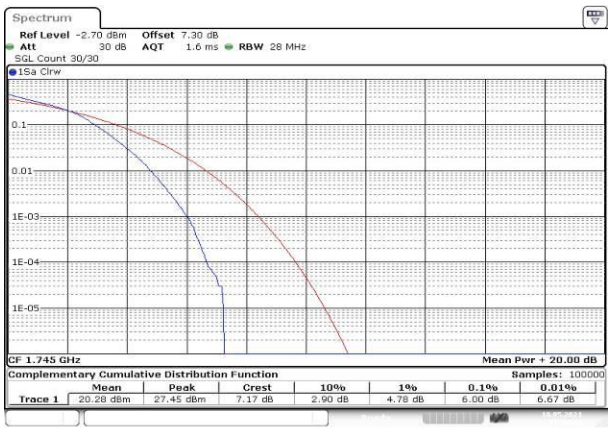

Fig.108

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

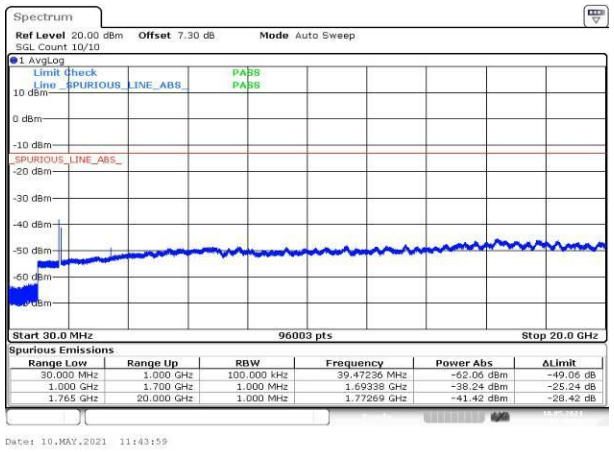

Fig.1

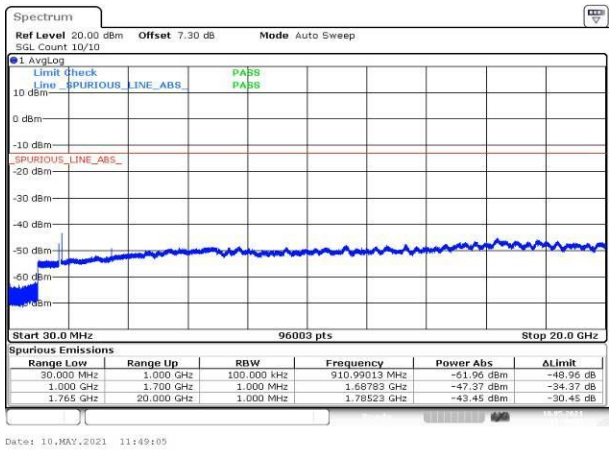

Fig.2

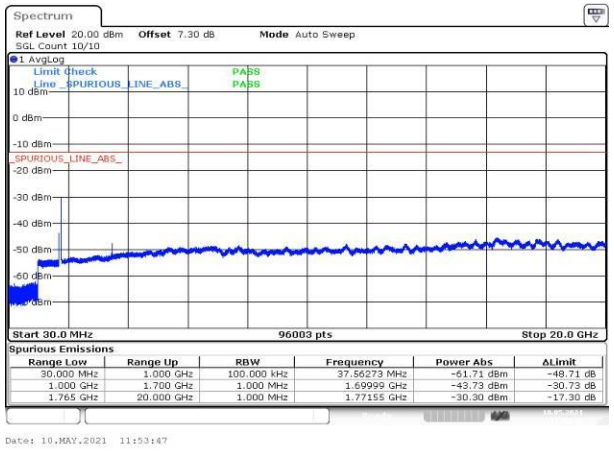

Fig.3

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

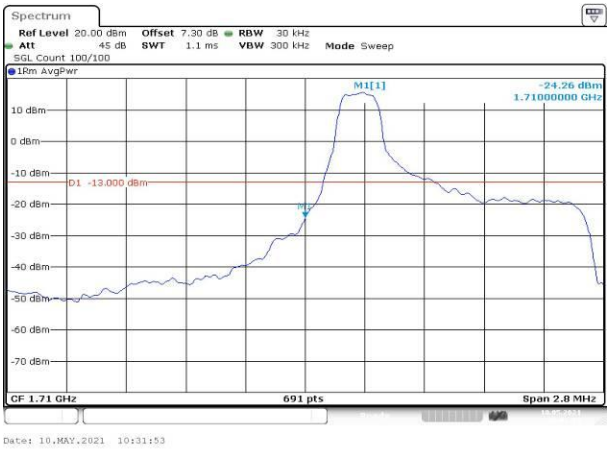

Fig.1

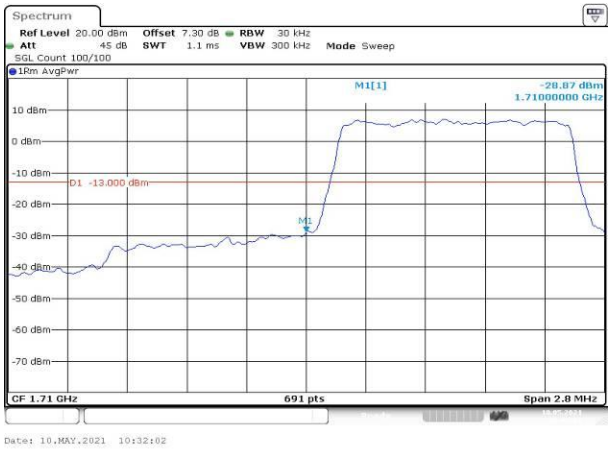

Fig.2

Fig.3

Fig.4

Fig.5

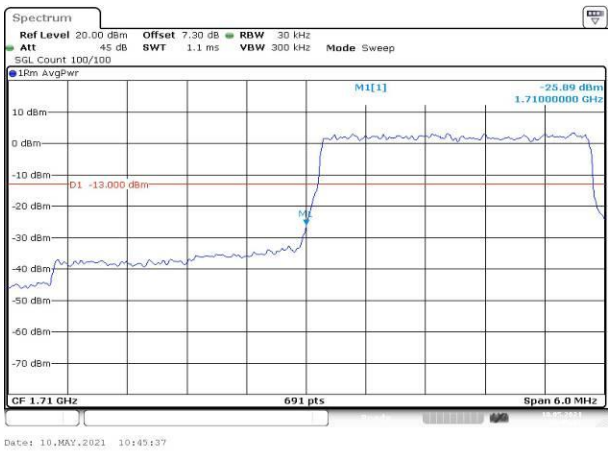

Fig.6

Fig.7

Fig.8

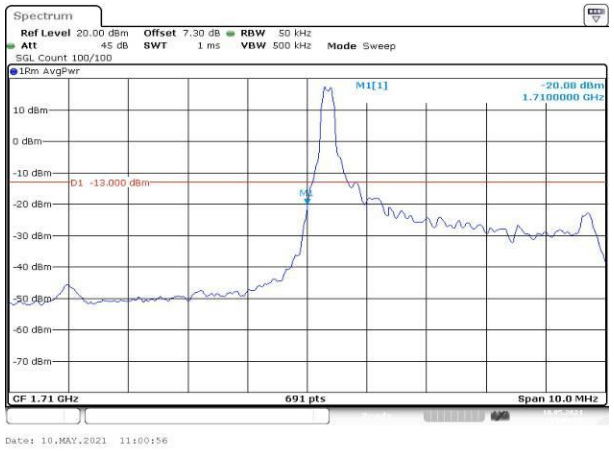

Fig.9

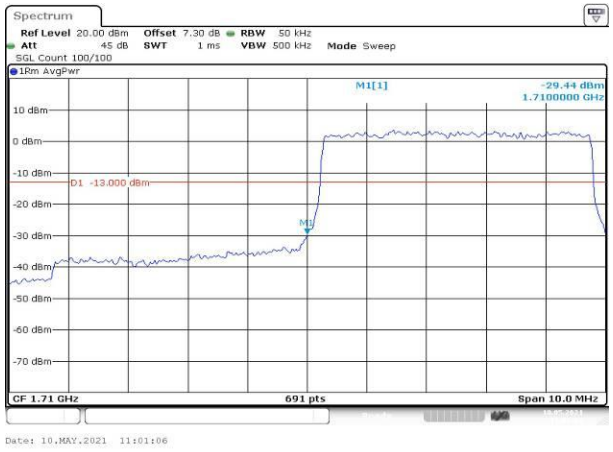

Fig.10

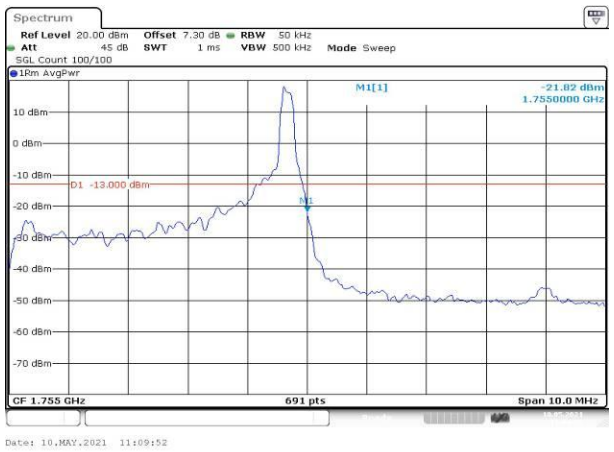

Fig.11

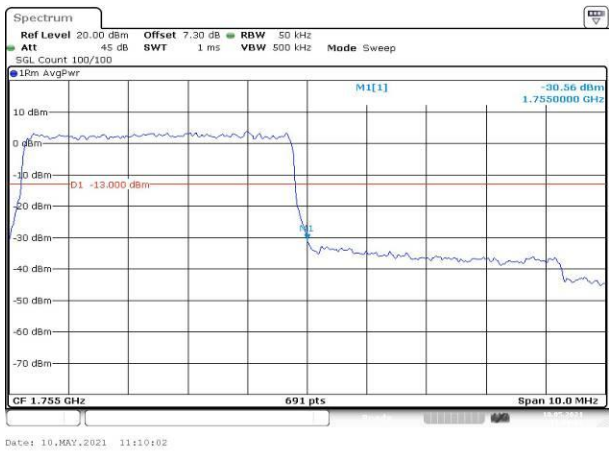

Fig.12

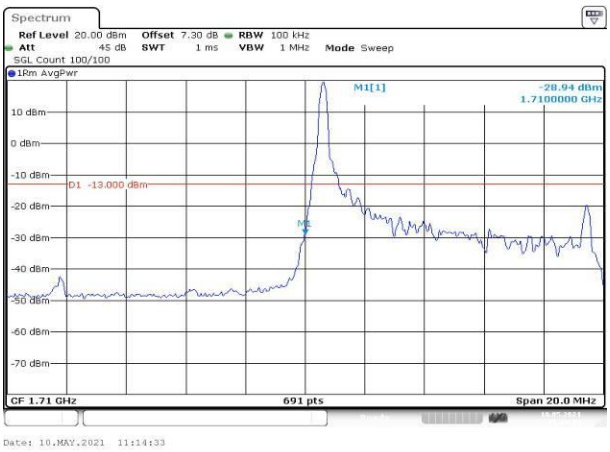

Fig.13

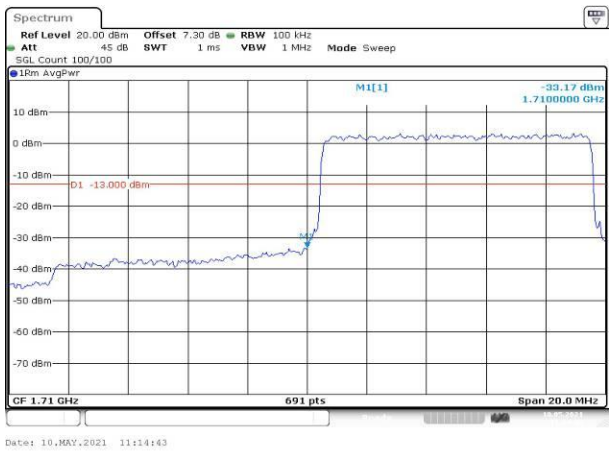

Fig.14

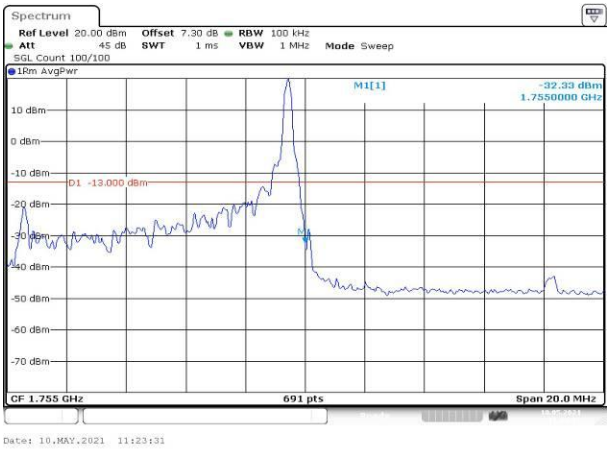

Fig.15

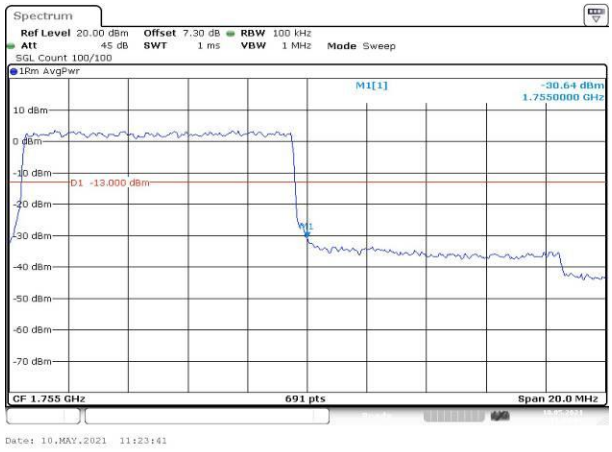

Fig.16

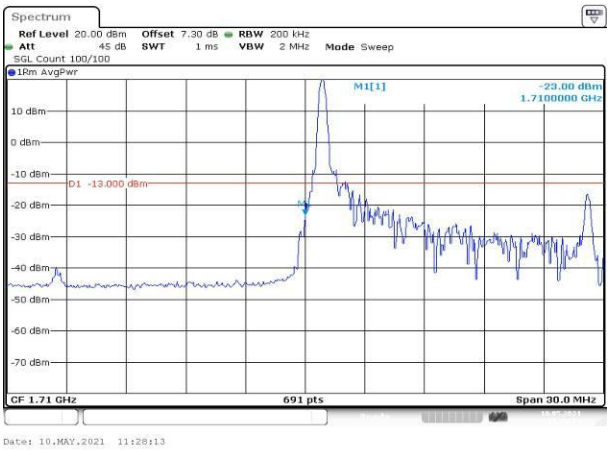

Fig.17

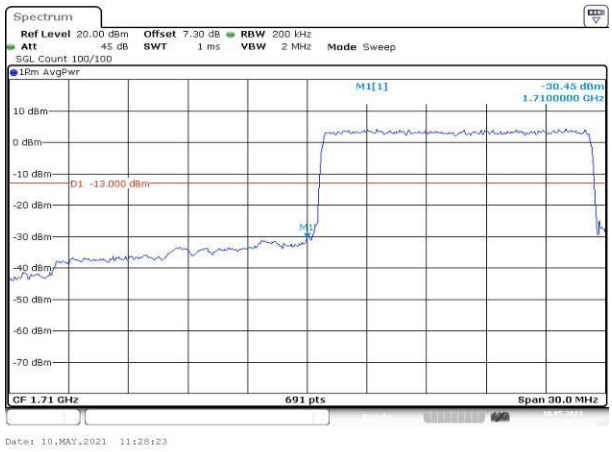

Fig.18

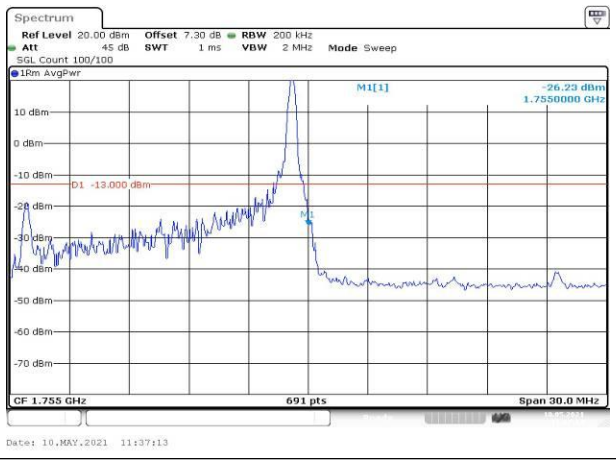

Fig.19

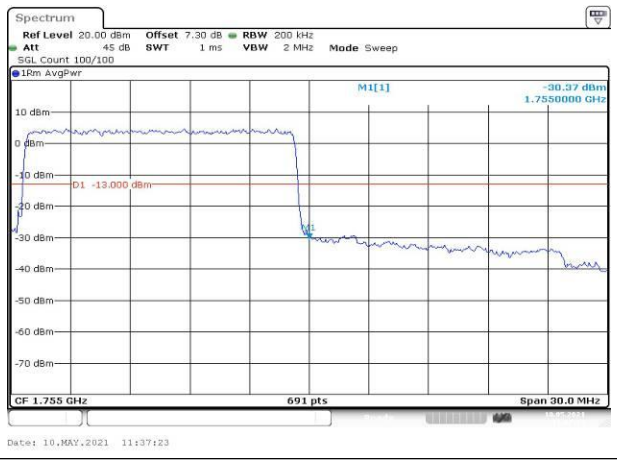

Fig.20

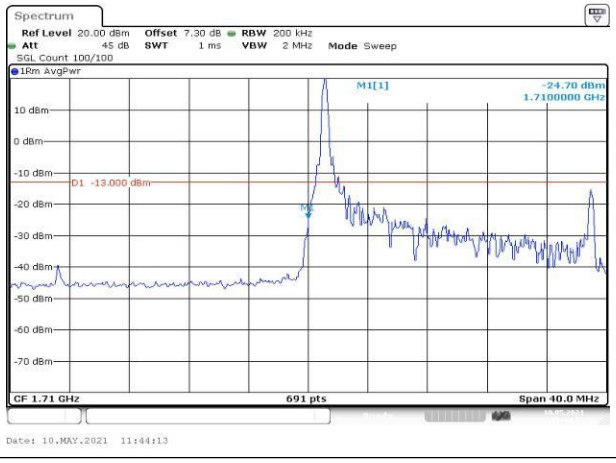

Fig.21

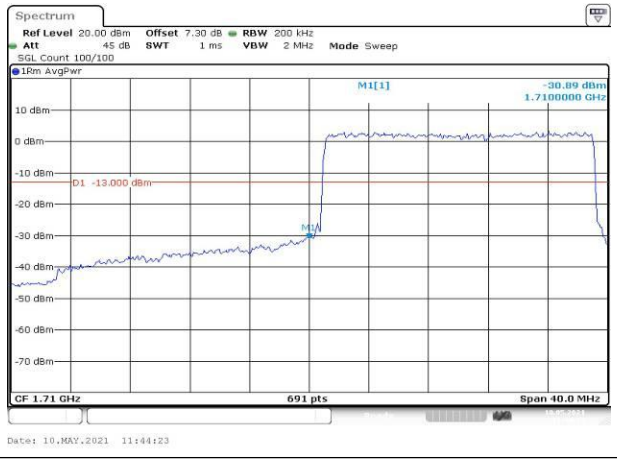

Fig.22

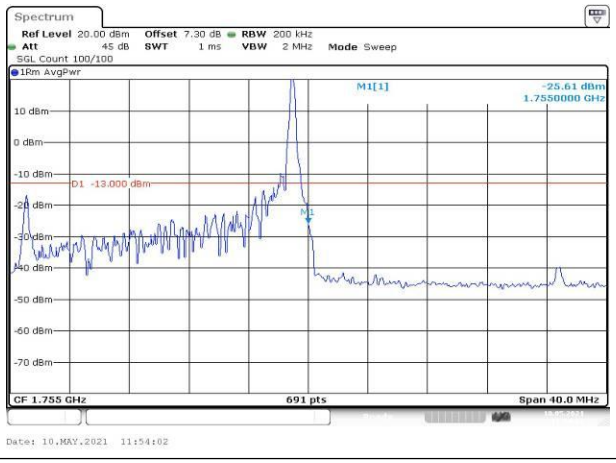

Fig.23

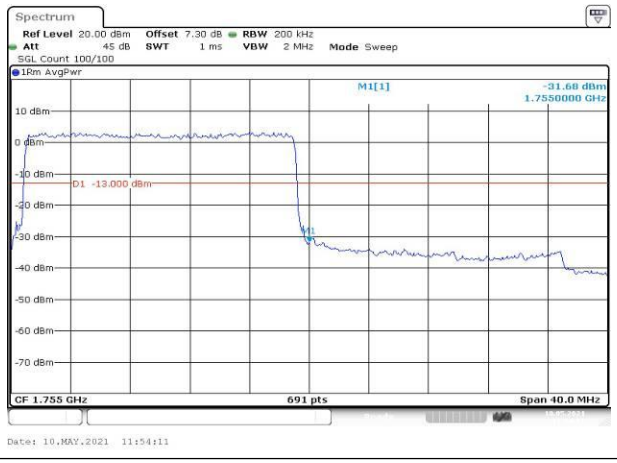

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.008	-0.016	-0.002	-0.005	-0.003	-0.005
0	NV	-0.002	-0.005	-0.022	-0.004	-0.007	-0.001
+10	NV	-0.022	0.007	-0.012	-0.001	-0.006	-0.003
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.002	-0.002	-0.003	0.001	-0.009	-0.011
+40	NV	-0.010	0.004	-0.008	-0.028	-0.008	-0.013
+50	NV	-0.001	0.000	-0.017	0.008	-0.007	-0.004
+55	NV	-0.004	0.002	-0.011	0.003	-0.005	-0.009
+20	LV	-0.006	-0.014	0.003	-0.005	0.004	-0.015
+20	HV	-0.006	0.017	0.002	-0.004	-0.008	-0.007

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.006	0.009	0.009	0.003	0.008	-0.005
0	NV	-0.003	-0.014	0.002	-0.003	0.006	-0.014
+10	NV	0.005	-0.005	-0.006	-0.006	0.005	-0.002
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.010	-0.004	0.016	0.004	-0.015	-0.004
+40	NV	0.003	-0.017	-0.013	-0.013	-0.005	-0.006
+50	NV	-0.004	0.006	-0.007	0.021	0.004	-0.008
+55	NV	-0.007	0.005	-0.003	0.027	0.009	-0.015
+20	LV	0.000	0.007	-0.001	-0.004	0.000	-0.018
+20	HV	0.002	-0.007	0.000	-0.005	0.006	-0.011

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	22.95	21.85	0.153
				1	3	22.97	21.87	0.154
				1	5	22.92	21.82	0.152
				3	0	23.04	21.94	0.156
				3	1	22.96	21.86	0.153
				3	3	22.94	21.84	0.153
				6	0	21.88	20.78	0.120
	1732.5	20175		1	0	22.84	21.74	0.149
				1	3	22.96	21.86	0.153
				1	5	23.00	21.90	0.155
				3	0	22.89	21.79	0.151
				3	1	22.89	21.79	0.151
				3	3	22.88	21.78	0.151
				6	0	21.88	20.78	0.120
	1754.3	20393		1	0	23.26	22.16	0.164
				1	3	23.25	22.15	0.164
				1	5	23.24	22.14	0.164
				3	0	23.23	22.13	0.163
				3	1	23.14	22.04	0.160
				3	3	23.15	22.05	0.160
				6	0	22.18	21.08	0.128
16QAM	1710.7	19957		1	0	22.65	21.55	0.143
				1	3	22.07	20.97	0.125
				1	5	22.08	20.98	0.125
				3	0	21.85	20.75	0.119
				3	1	21.91	20.81	0.121
				3	3	21.87	20.77	0.119
				6	0	20.90	19.80	0.095
	1732.5	20175		1	0	22.02	20.92	0.124
				1	3	22.08	20.98	0.125
				1	5	22.60	21.50	0.141
				3	0	21.67	20.57	0.114
				3	1	21.71	20.61	0.115
				3	3	21.71	20.61	0.115
				6	0	21.02	19.92	0.098
	1754.3	20393		1	0	21.93	20.83	0.121
				1	3	21.97	20.87	0.122
				1	5	21.97	20.87	0.122
				3	0	21.98	20.88	0.122
				3	1	21.95	20.85	0.122
				3	3	21.94	20.84	0.121
				6	0	21.30	20.20	0.105

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	21.10	20.00	0.100
				1	3	21.10	20.00	0.100
				1	5	21.10	20.00	0.100
				3	0	21.13	20.03	0.101
				3	1	21.10	20.00	0.100
				3	3	21.11	20.01	0.100
				6	0	21.10	20.00	0.100
	1732.5	20175		1	0	21.03	19.93	0.098
				1	3	21.04	19.94	0.099
				1	5	21.04	19.94	0.099
				3	0	21.04	19.94	0.099
				3	1	21.04	19.94	0.099
				3	3	21.04	19.94	0.099
				6	0	21.17	20.07	0.102
	1754.3	20393		1	0	21.33	20.23	0.105
				1	3	21.31	20.21	0.105
				1	5	21.39	20.29	0.107
				3	0	21.33	20.23	0.105
				3	1	21.39	20.29	0.107
				3	3	21.58	20.48	0.112
				6	0	21.39	20.29	0.107

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	23.10	22.00	0.158
				1	8	23.02	21.92	0.156
				1	14	23.09	21.99	0.158
				8	0	22.08	20.98	0.125
				8	4	22.11	21.01	0.126
				8	7	22.22	21.12	0.129
				15	0	22.11	21.01	0.126
	1732.5	20175		1	0	22.77	21.67	0.147
				1	8	22.85	21.75	0.150
				1	14	22.93	21.83	0.152
				8	0	21.92	20.82	0.121
				8	4	21.93	20.83	0.121
				8	7	21.98	20.88	0.122
				15	0	21.96	20.86	0.122
	1753.5	20385		1	0	23.30	22.20	0.166
				1	8	23.31	22.21	0.166
				1	14	23.30	22.20	0.166
				8	0	22.13	21.03	0.127
				8	4	22.14	21.04	0.127
				8	7	22.12	21.02	0.126
				15	0	22.13	21.03	0.127
16QAM	1711.5	19965		1	0	22.57	21.47	0.140
				1	8	22.43	21.33	0.136
				1	14	22.43	21.33	0.136
				8	0	21.49	20.39	0.109
				8	4	21.37	20.27	0.106
				8	7	21.38	20.28	0.107
				15	0	21.27	20.17	0.104
	1732.5	20175		1	0	22.62	21.52	0.142
				1	8	22.68	21.58	0.144
				1	14	22.68	21.58	0.144
				8	0	20.80	19.70	0.093
				8	4	21.01	19.91	0.098
				8	7	21.03	19.93	0.098
				15	0	20.89	19.79	0.095
	1753.5	20385		1	0	22.26	21.16	0.131
				1	8	22.32	21.22	0.132
				1	14	22.20	21.10	0.129
				8	0	21.42	20.32	0.108
				8	4	21.63	20.53	0.113
				8	7	21.34	20.24	0.106
				15	0	21.31	20.21	0.105

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	21.27	20.17	0.104
				1	8	21.26	20.16	0.104
				1	14	21.26	20.16	0.104
				8	0	21.26	20.16	0.104
				8	4	21.23	20.13	0.103
				8	7	21.25	20.15	0.104
				15	0	21.24	20.14	0.103
	1732.5	20175		1	0	20.90	19.80	0.095
				1	8	20.89	19.79	0.095
				1	14	20.89	19.79	0.095
				8	0	20.93	19.83	0.096
				8	4	20.84	19.74	0.094
				8	7	20.97	19.87	0.097
				15	0	20.96	19.86	0.097
	1753.5	20385		1	0	21.26	20.16	0.104
				1	8	21.21	20.11	0.103
				1	14	21.23	20.13	0.103
				8	0	21.20	20.10	0.102
				8	4	21.13	20.03	0.101
				8	7	21.27	20.17	0.104
				15	0	21.10	20.00	0.100

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	23.05	21.95	0.157
				1	12	23.07	21.97	0.157
				1	24	23.05	21.95	0.157
				12	0	22.22	21.12	0.129
				12	7	22.13	21.03	0.127
				12	13	22.13	21.03	0.127
				25	0	22.12	21.02	0.126
	1732.5	20175		1	0	22.94	21.84	0.153
				1	12	22.99	21.89	0.155
				1	24	22.98	21.88	0.154
				12	0	21.88	20.78	0.120
				12	7	21.90	20.80	0.120
				12	13	21.89	20.79	0.120
				25	0	21.86	20.76	0.119
	1752.5	20375		1	0	23.05	21.95	0.157
				1	12	23.05	21.95	0.157
				1	24	23.04	21.94	0.156
				12	0	22.21	21.11	0.129
				12	7	22.20	21.10	0.129
				12	13	22.20	21.10	0.129
				25	0	22.21	21.11	0.129
16QAM	1712.5	19975		1	0	21.48	20.38	0.109
				1	12	21.42	20.32	0.108
				1	24	21.42	20.32	0.108
				12	0	21.35	20.25	0.106
				12	7	21.27	20.17	0.104
				12	13	21.28	20.18	0.104
				25	0	21.35	20.25	0.106
	1732.5	20175		1	0	22.13	21.03	0.127
				1	12	21.96	20.86	0.122
				1	24	21.97	20.87	0.122
				12	0	20.85	19.75	0.094
				12	7	20.96	19.86	0.097
				12	13	20.97	19.87	0.097
				25	0	21.01	19.91	0.098
	1752.5	20375		1	0	22.15	21.05	0.127
				1	12	22.16	21.06	0.128
				1	24	21.80	20.70	0.117
				12	0	20.99	19.89	0.097
				12	7	21.00	19.90	0.098
				12	13	20.97	19.87	0.097
				25	0	21.09	19.99	0.100

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	21.32	20.22	0.105
				1	12	21.35	20.25	0.106
				1	24	21.36	20.26	0.106
				12	0	21.36	20.26	0.106
				12	7	21.36	20.26	0.106
				12	13	21.38	20.28	0.107
				25	0	21.37	20.27	0.106
	1732.5	20175		1	0	20.89	19.79	0.095
				1	12	20.90	19.80	0.095
				1	24	20.90	19.80	0.095
				12	0	20.90	19.80	0.095
				12	7	20.90	19.80	0.095
				12	13	21.02	19.92	0.098
				25	0	21.02	19.92	0.098
	1752.5	20375		1	0	21.09	19.99	0.100
				1	12	21.10	20.00	0.100
				1	24	21.10	20.00	0.100
				12	0	21.10	20.00	0.100
				12	7	21.09	19.99	0.100
				12	13	21.09	19.99	0.100
				25	0	21.09	19.99	0.100

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	23.18	22.08	0.161
				1	25	22.83	21.73	0.149
				1	49	22.81	21.71	0.148
				25	0	22.22	21.12	0.129
				25	12	21.92	20.82	0.121
				25	25	21.92	20.82	0.121
				50	0	22.14	21.04	0.127
	1732.5	20175		1	0	22.93	21.83	0.152
				1	25	23.02	21.92	0.156
				1	49	23.01	21.91	0.155
				25	0	21.83	20.73	0.118
				25	12	22.02	20.92	0.124
				25	25	21.89	20.79	0.120
				50	0	21.95	20.85	0.122
	1750	20350		1	0	23.18	22.08	0.161
				1	25	23.28	22.18	0.165
				1	49	23.26	22.16	0.164
				25	0	22.47	21.37	0.137
				25	12	22.16	21.06	0.128
				25	25	20.04	18.94	0.078
				50	0	20.21	19.11	0.081
16QAM	1715	20000		1	0	22.47	21.37	0.137
				1	25	22.20	21.10	0.129
				1	49	22.18	21.08	0.128
				25	0	21.37	20.27	0.106
				25	12	21.10	20.00	0.100
				25	25	21.12	20.02	0.100
				50	0	21.24	20.14	0.103
	1732.5	20175		1	0	22.69	21.59	0.144
				1	25	22.80	21.70	0.148
				1	49	22.68	21.58	0.144
				25	0	21.01	19.91	0.098
				25	12	21.07	19.97	0.099
				25	25	21.08	19.98	0.100
				50	0	21.13	20.03	0.101
	1750	20350		1	0	19.72	18.62	0.073
				1	25	19.72	18.62	0.073
				1	49	19.72	18.62	0.073
				25	0	21.65	20.55	0.114
				25	12	21.36	20.26	0.106
				25	25	21.37	20.27	0.106
				50	0	21.44	20.34	0.108

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	21.24	20.14	0.103
				1	25	21.23	20.13	0.103
				1	49	21.24	20.14	0.103
				25	0	21.24	20.14	0.103
				25	12	21.25	20.15	0.104
				25	25	21.25	20.15	0.104
				50	0	21.25	20.15	0.104
	1732.5	20175		1	0	21.13	20.03	0.101
				1	25	21.25	20.15	0.104
				1	49	20.93	19.83	0.096
				25	0	20.93	19.83	0.096
				25	12	20.93	19.83	0.096
				25	25	20.93	19.83	0.096
				50	0	21.13	20.03	0.101
	1750	20350		1	0	21.36	20.26	0.106
				1	25	21.37	20.27	0.106
				1	49	21.39	20.29	0.107
				25	0	21.40	20.30	0.107
				25	12	21.41	20.31	0.107
				25	25	21.42	20.32	0.108
				50	0	21.43	20.33	0.108

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	23.17	22.07	0.161
				1	37	22.78	21.68	0.147
				1	74	22.76	21.66	0.147
				36	0	22.21	21.11	0.129
				36	29	21.93	20.83	0.121
				36	30	21.93	20.83	0.121
				75	0	21.89	20.79	0.120
	1732.5	20175		1	0	22.86	21.76	0.150
				1	37	23.04	21.94	0.156
				1	74	23.03	21.93	0.156
				36	0	21.92	20.82	0.121
				36	29	21.91	20.81	0.121
				36	30	21.92	20.82	0.121
				75	0	21.87	20.77	0.119
	1747.5	20325		1	0	23.12	22.02	0.159
				1	37	23.16	22.06	0.161
				1	74	23.29	22.19	0.166
				36	0	22.12	21.02	0.126
				36	29	22.13	21.03	0.127
				36	30	22.12	21.02	0.126
				75	0	22.42	21.32	0.136
16QAM	1717.5	20025		1	0	22.47	21.37	0.137
				1	37	22.15	21.05	0.127
				1	74	22.15	21.05	0.127
				36	0	21.31	20.21	0.105
				36	29	20.98	19.88	0.097
				36	30	21.05	19.95	0.099
				75	0	21.12	20.02	0.100
	1732.5	20175		1	0	22.08	20.98	0.125
				1	37	22.11	21.01	0.126
				1	74	22.71	21.61	0.145
				36	0	20.99	19.89	0.097
				36	29	20.93	19.83	0.096
				36	30	20.99	19.89	0.097
				75	0	21.03	19.93	0.098
	1747.5	20325		1	0	22.54	21.44	0.139
				1	37	22.59	21.49	0.141
				1	74	22.59	21.49	0.141
				36	0	21.12	20.02	0.100
				36	29	21.18	20.08	0.102
				36	30	21.19	20.09	0.102
				75	0	21.40	20.30	0.107

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	21.12	20.02	0.100
				1	37	20.95	19.85	0.097
				1	74	20.96	19.86	0.097
				36	0	20.89	19.79	0.095
				36	29	20.91	19.81	0.096
				36	30	20.92	19.82	0.096
				75	0	21.13	20.03	0.101
	1732.5	20175		1	0	20.77	19.67	0.093
				1	37	21.04	19.94	0.099
				1	74	21.04	19.94	0.099
				36	0	21.12	20.02	0.100
				36	29	21.04	19.94	0.099
				36	30	21.08	19.98	0.100
				75	0	21.04	19.94	0.099
	1747.5	20325		1	0	21.41	20.31	0.107
				1	37	21.40	20.30	0.107
				1	74	21.52	20.42	0.110
				36	0	21.51	20.41	0.110
				36	29	21.51	20.41	0.110
				36	30	21.40	20.30	0.107
				75	0	21.40	20.30	0.107

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	23.20	22.10	0.162
				1	49	22.89	21.79	0.151
				1	99	22.82	21.72	0.149
				50	0	22.06	20.96	0.125
				50	24	21.82	20.72	0.118
				50	50	21.81	20.71	0.118
				100	0	21.93	20.83	0.121
	1732.5	20175		1	0	23.06	21.96	0.157
				1	49	22.99	21.89	0.155
				1	99	23.00	21.90	0.155
				50	0	21.90	20.80	0.120
				50	24	21.92	20.82	0.121
				50	50	21.92	20.82	0.121
				100	0	21.97	20.87	0.122
	1745	20300		1	0	23.00	21.90	0.155
				1	49	23.22	22.12	0.163
				1	99	23.16	22.06	0.161
				50	0	22.06	20.96	0.125
				50	24	22.36	21.26	0.134
				50	50	22.36	21.26	0.134
				100	0	22.06	20.96	0.125
16QAM	1720	20050		1	0	22.24	21.14	0.130
				1	49	21.78	20.68	0.117
				1	99	21.84	20.74	0.119
				50	0	21.33	20.23	0.105
				50	24	21.02	19.92	0.098
				50	50	21.02	19.92	0.098
				100	0	20.98	19.88	0.097
	1732.5	20175		1	0	22.41	21.31	0.135
				1	49	22.55	21.45	0.140
				1	99	22.46	21.36	0.137
				50	0	21.03	19.93	0.098
				50	24	21.10	20.00	0.100
				50	50	21.11	20.01	0.100
				100	0	21.02	19.92	0.098
	1745	20300		1	0	22.50	21.40	0.138
				1	49	22.74	21.64	0.146
				1	99	22.71	21.61	0.145
				50	0	21.05	19.95	0.099
				50	24	21.36	20.26	0.106
				50	50	21.36	20.26	0.106
				100	0	21.24	20.14	0.103

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	20.99	19.89	0.097
				1	49	20.98	19.88	0.097
				1	99	20.98	19.88	0.097
				50	0	20.98	19.88	0.097
				50	24	20.97	19.87	0.097
				50	50	20.99	19.89	0.097
				100	0	20.92	19.82	0.096
	1732.5	20175		1	0	21.02	19.92	0.098
				1	49	21.02	19.92	0.098
				1	99	21.02	19.92	0.098
				50	0	21.02	19.92	0.098
				50	24	21.02	19.92	0.098
				50	50	21.02	19.92	0.098
				100	0	21.03	19.93	0.098
	1745	20300		1	0	21.24	20.14	0.103
				1	49	21.24	20.14	0.103
				1	99	21.24	20.14	0.103
				50	0	21.24	20.14	0.103
				50	24	21.24	20.14	0.103
				50	50	21.23	20.13	0.103
				100	0	21.24	20.14	0.103