



Fig.79



Fig.80

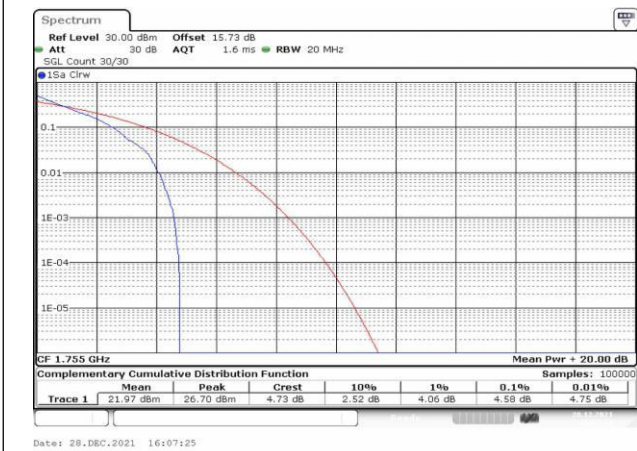


Fig.81

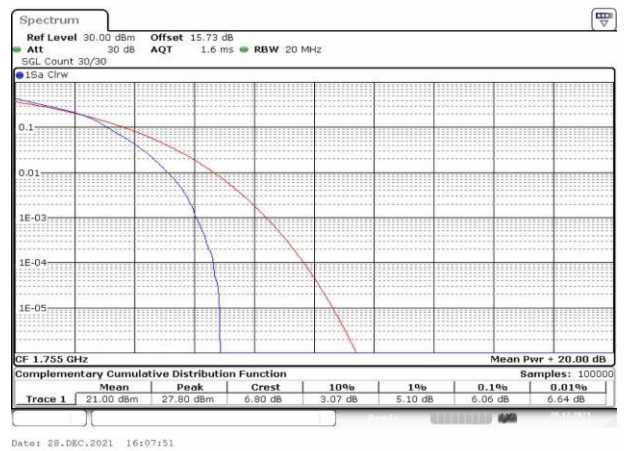


Fig.82

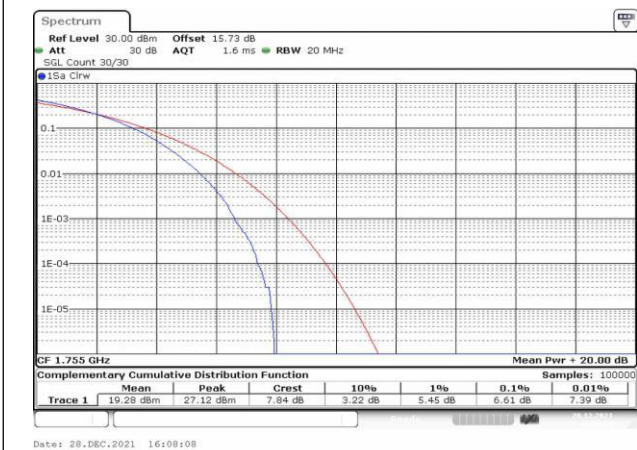


Fig.83

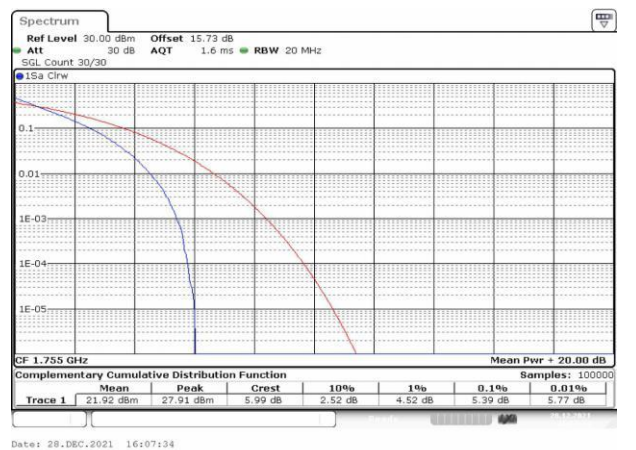


Fig.84



Fig.85

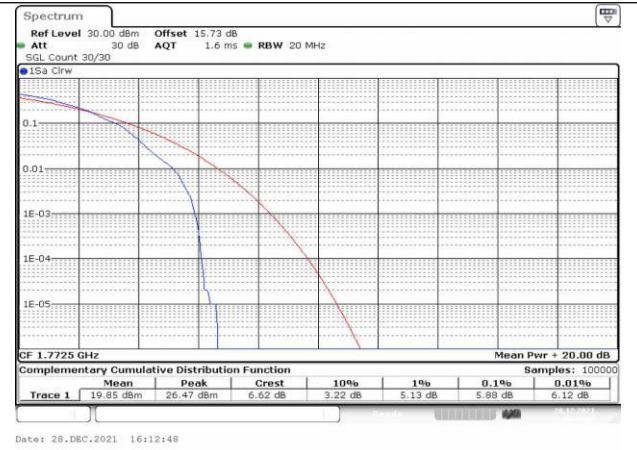


Fig.86

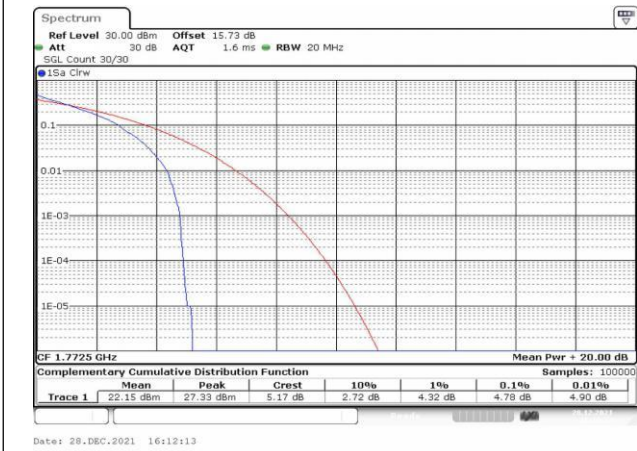


Fig.87

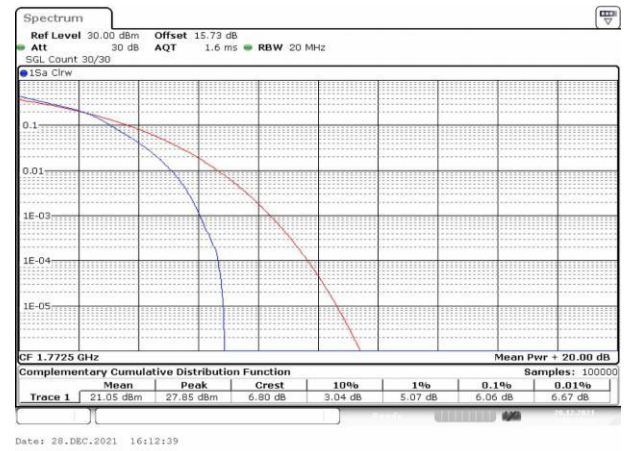


Fig.88

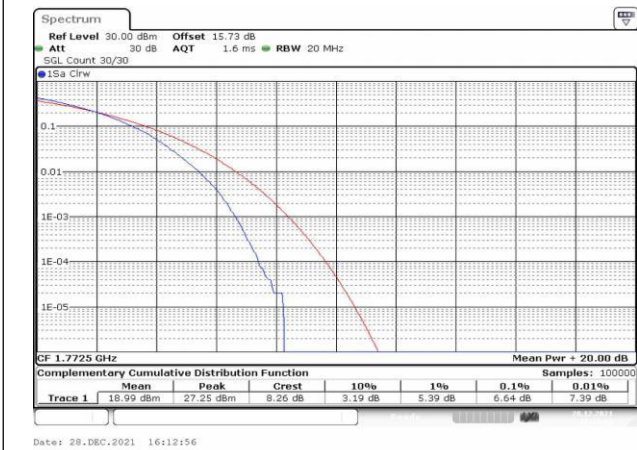


Fig.89

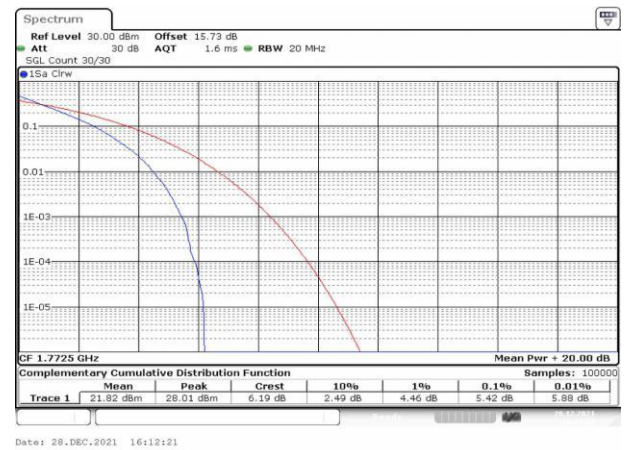


Fig.90

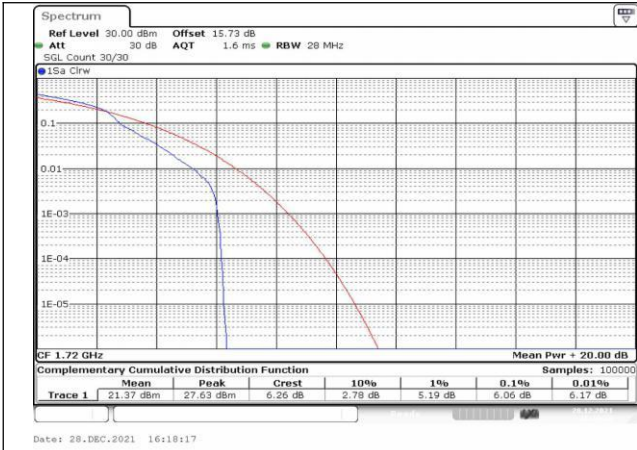


Fig.91

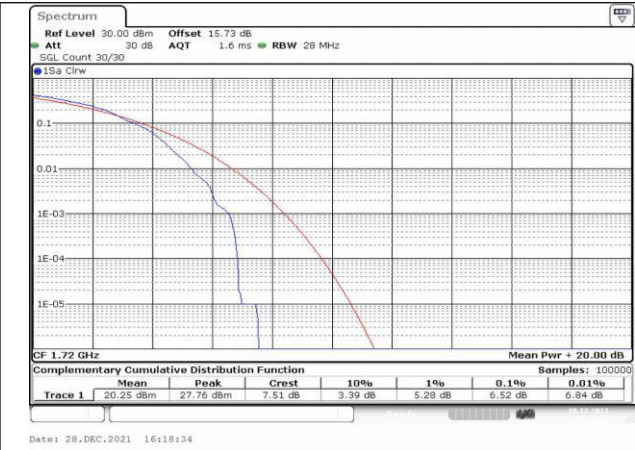


Fig.92

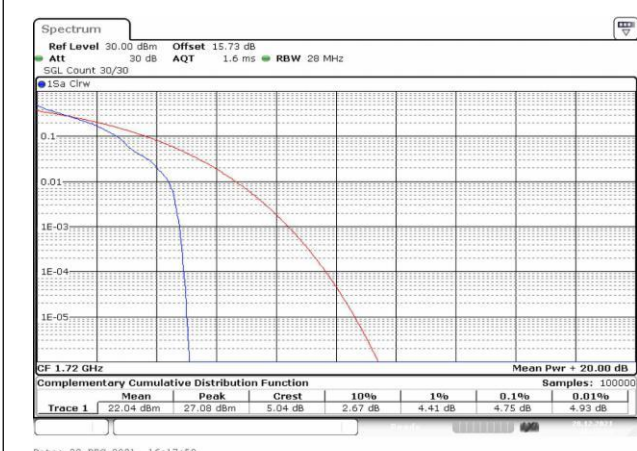


Fig.93

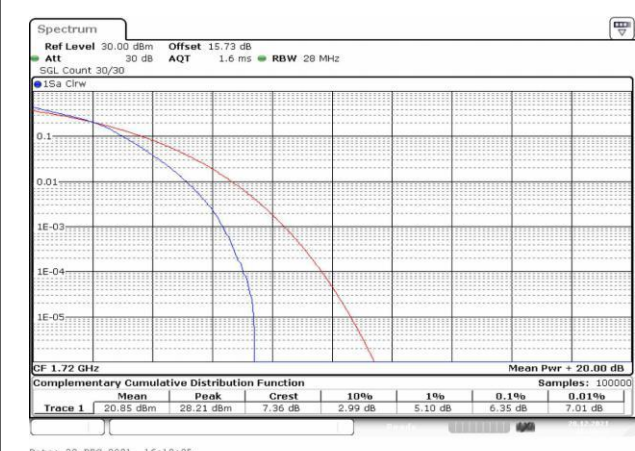


Fig.94

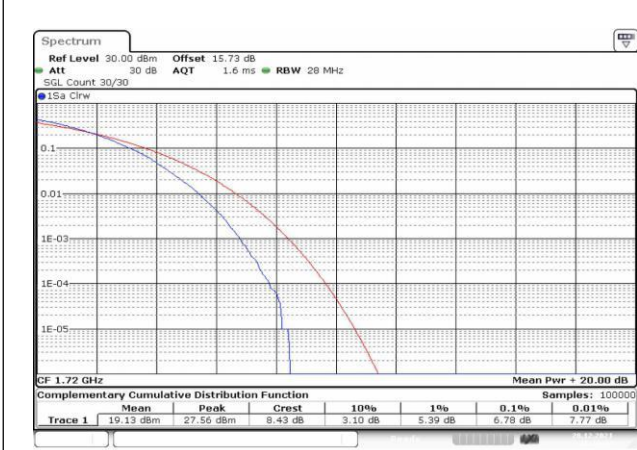


Fig.95

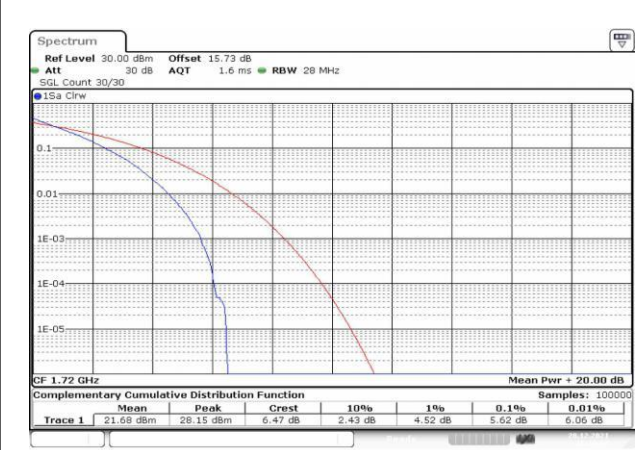


Fig.96



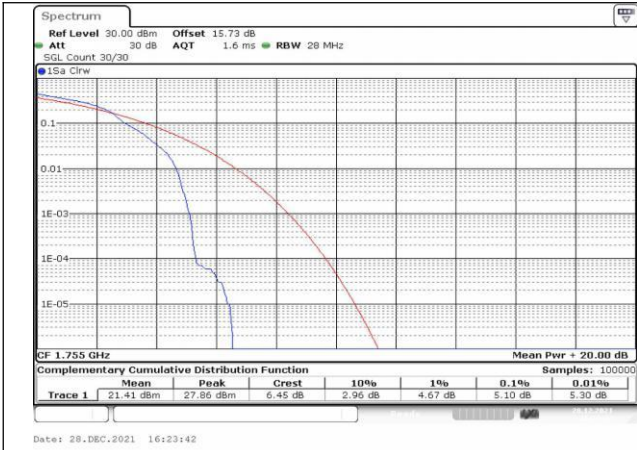


Fig.97

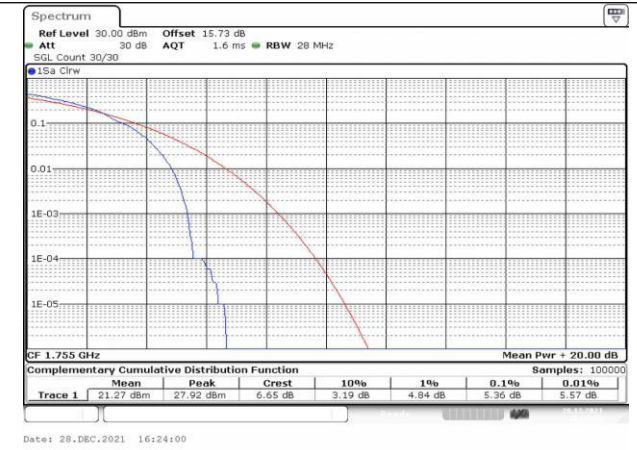


Fig.98

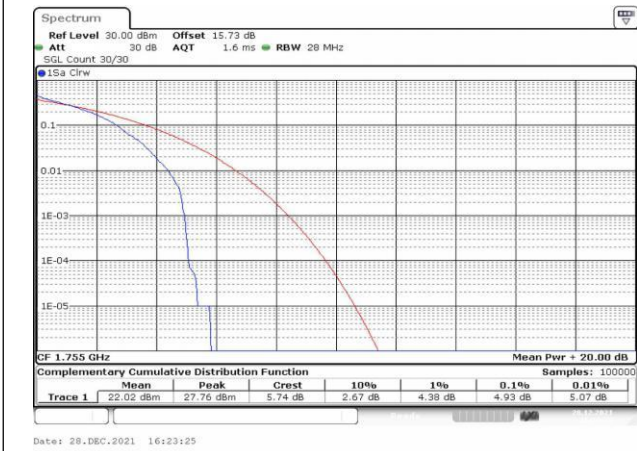


Fig.99

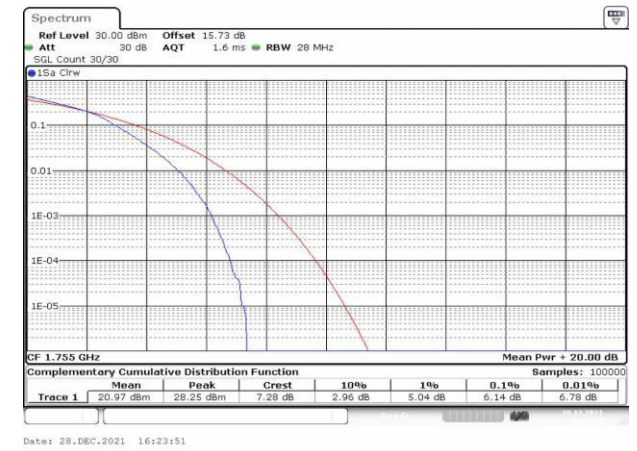


Fig.100

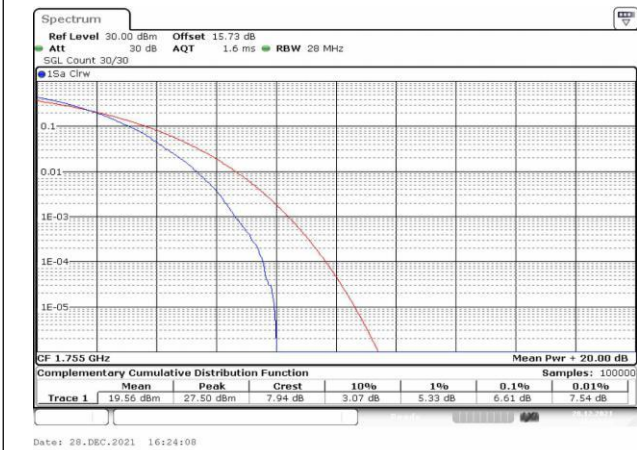


Fig.101

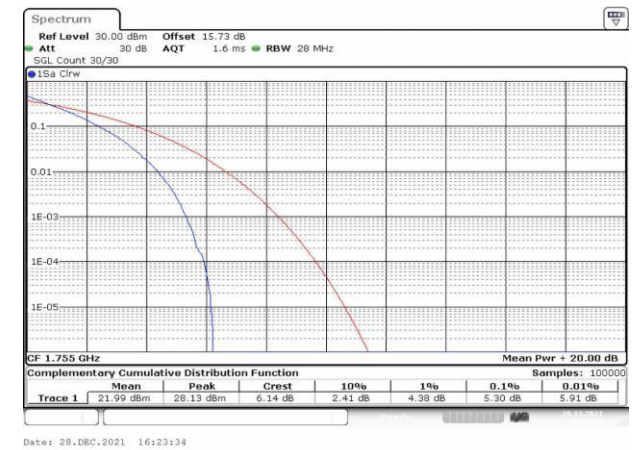


Fig.102

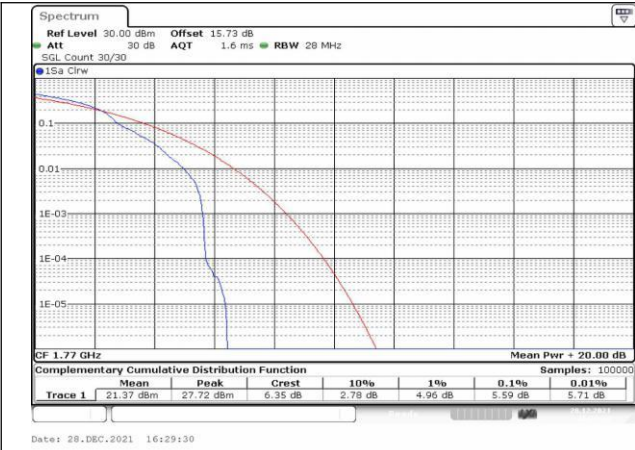


Fig.103

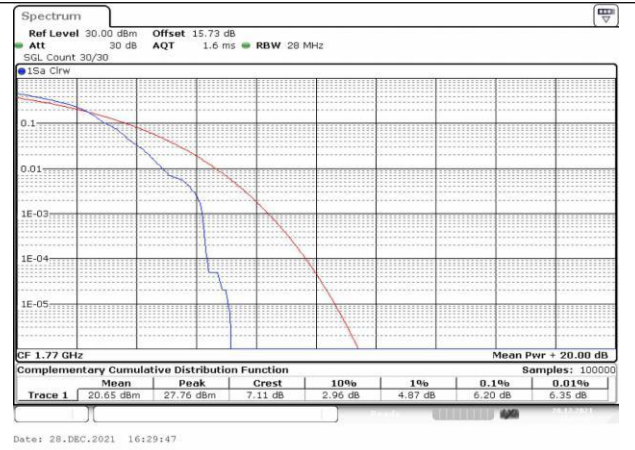


Fig.104

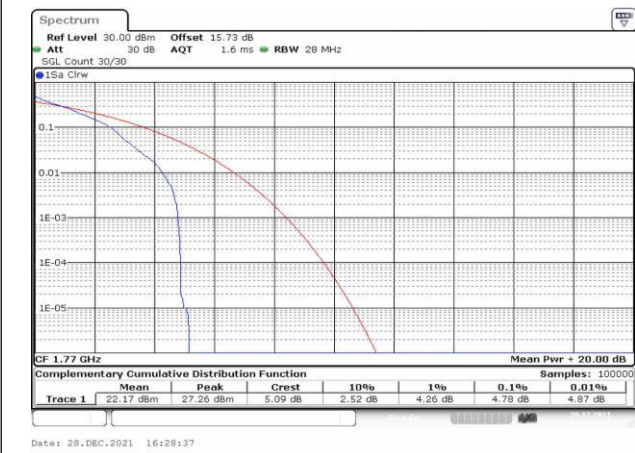


Fig.105

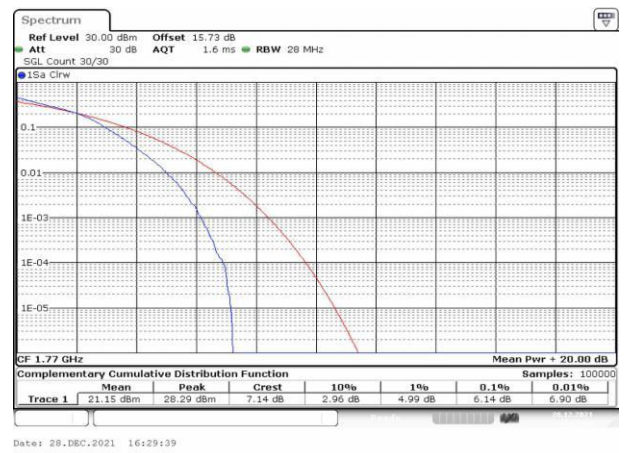


Fig.106

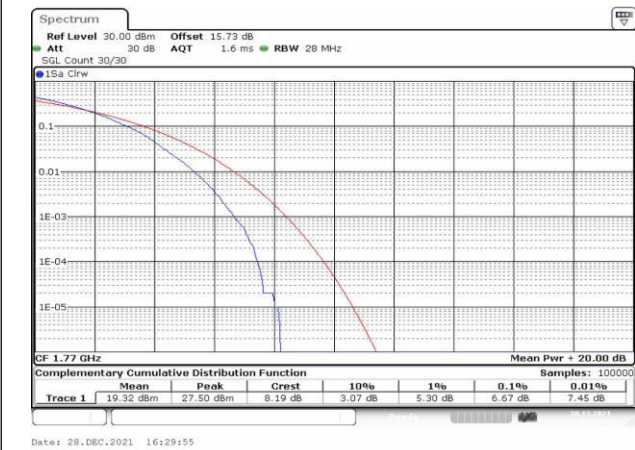


Fig.107

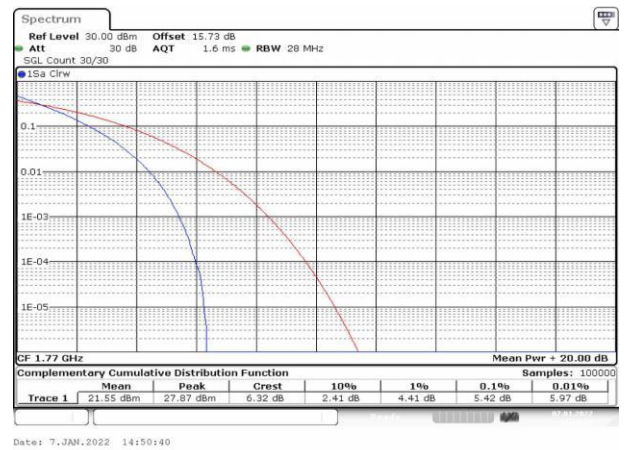


Fig.108

**5 Spurious Emissions at antenna terminal**

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
66	1720	132072	20	1	0	Fig.1
66	1755	132422	20	1	0	Fig.2
66	1770	132572	20	1	0	Fig.3

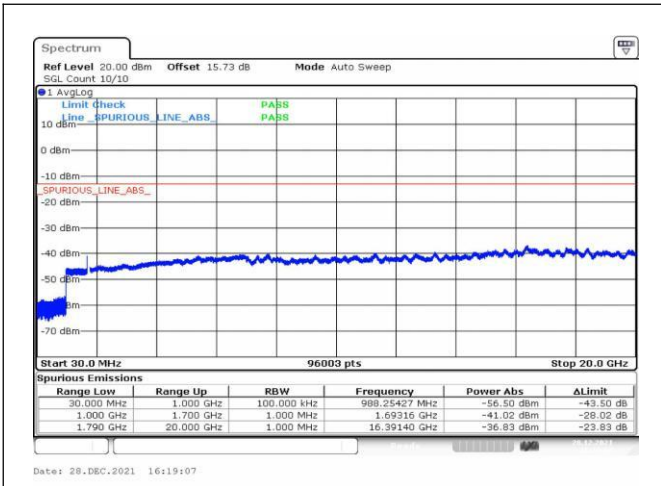


Fig.1

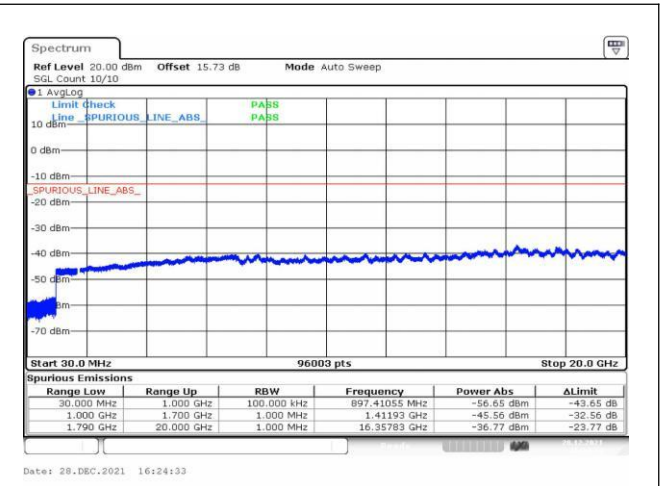


Fig.2

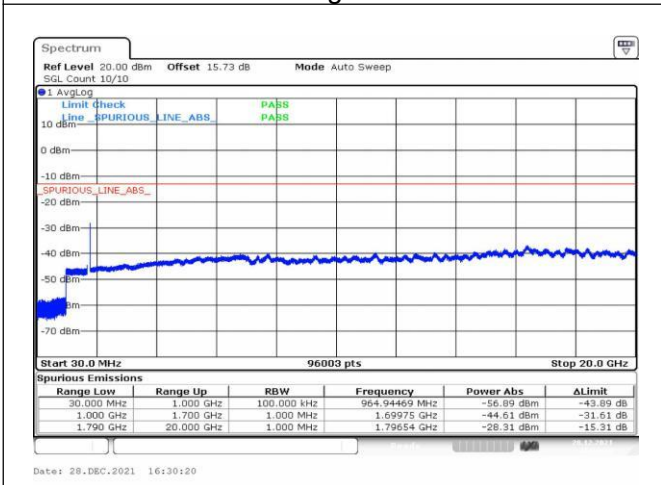


Fig.3

## 6 Band Edges Compliance

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

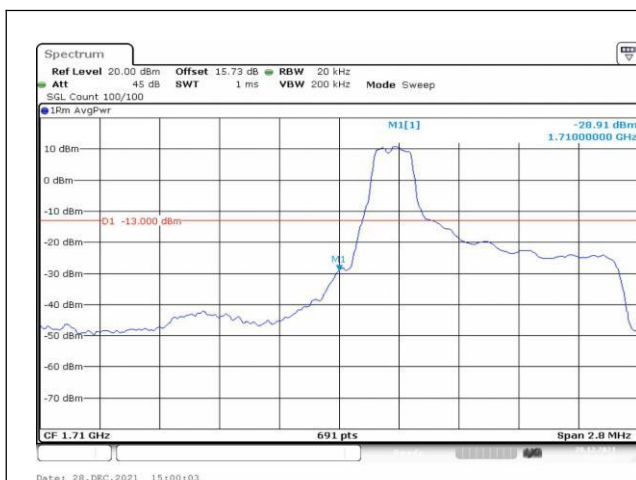


Fig.1

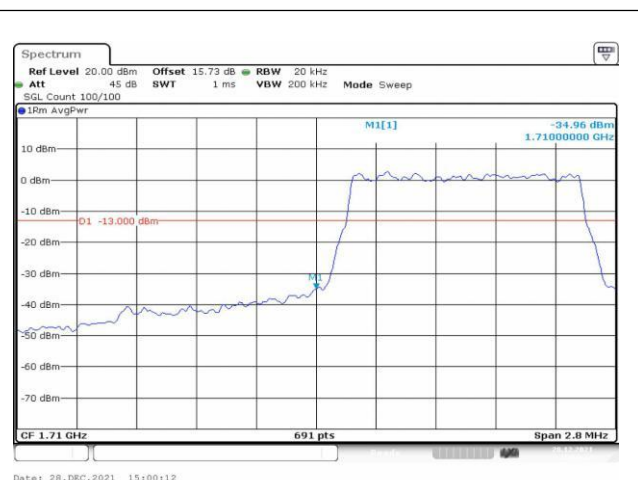


Fig.2

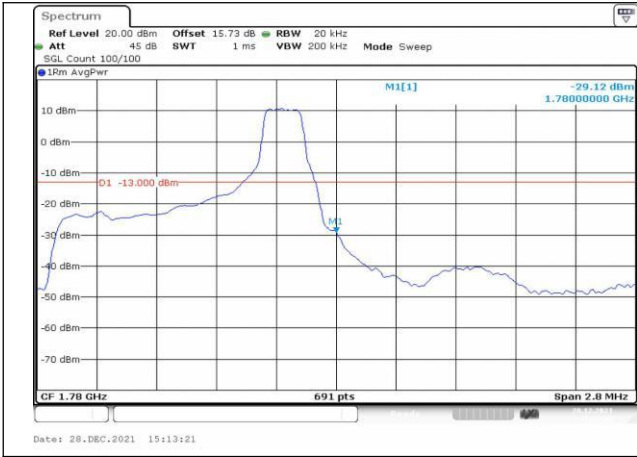


Fig.3



Fig.4

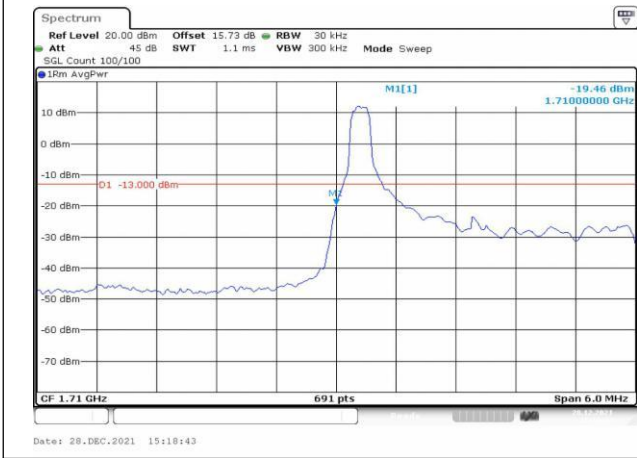


Fig.5

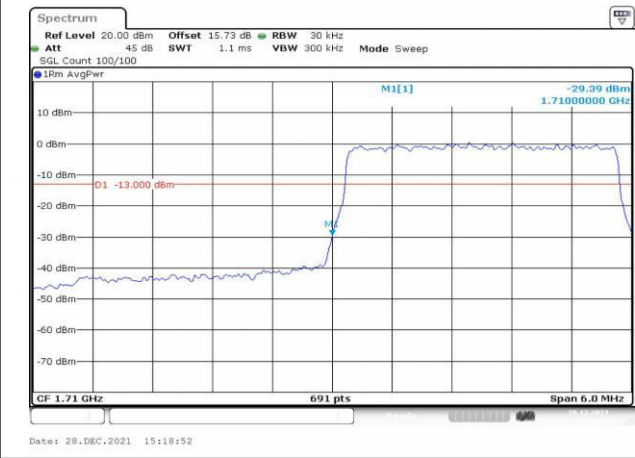


Fig.6

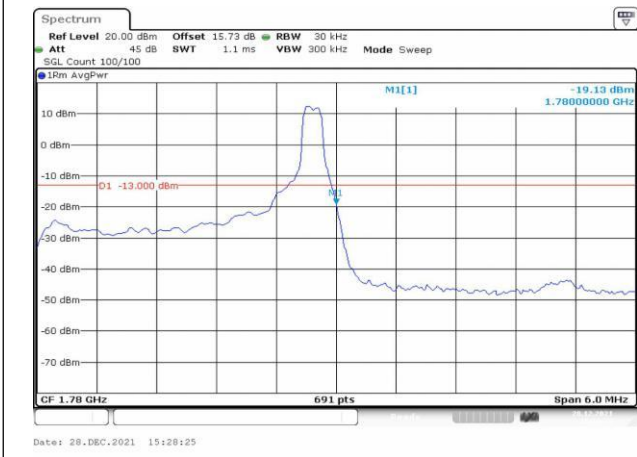


Fig.7

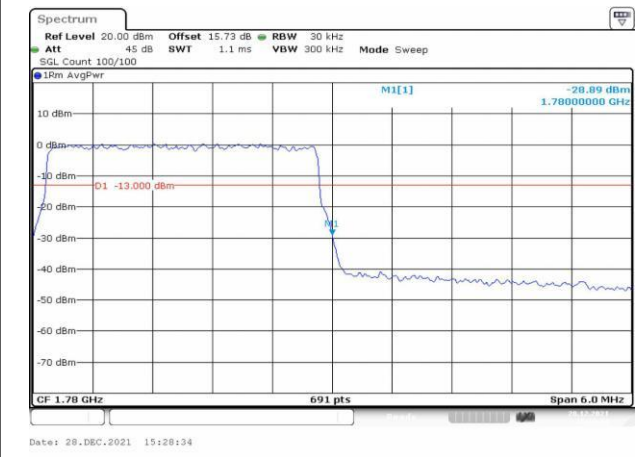
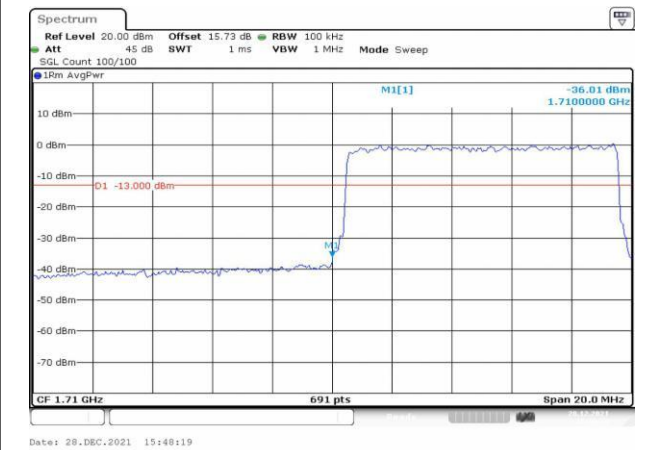
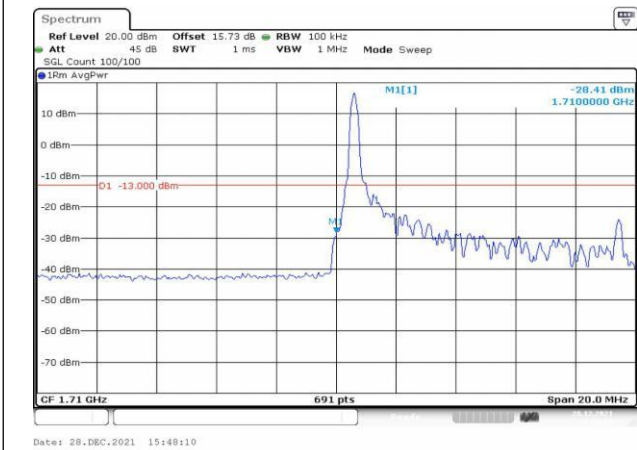
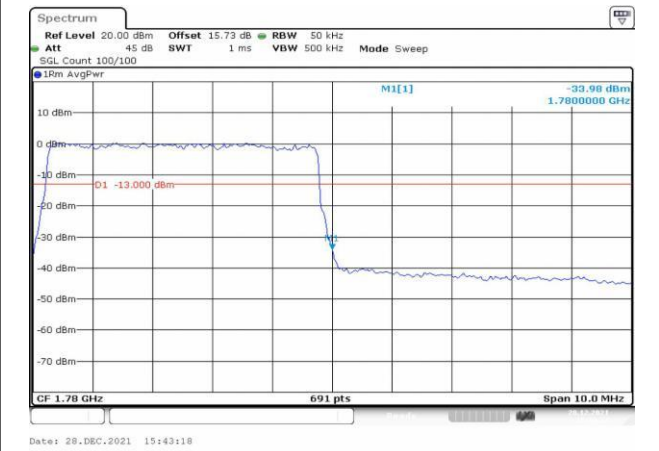
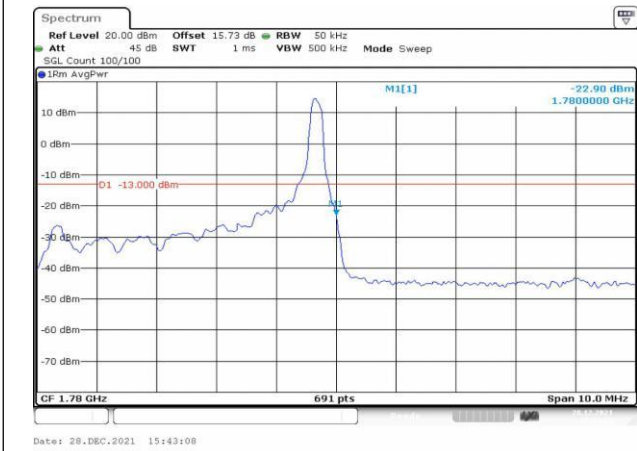
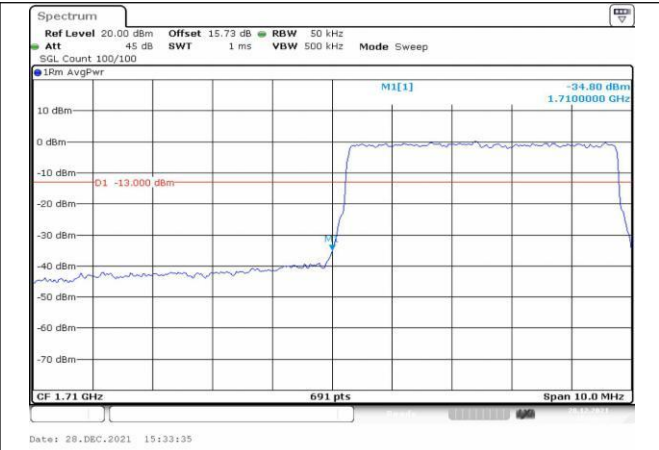
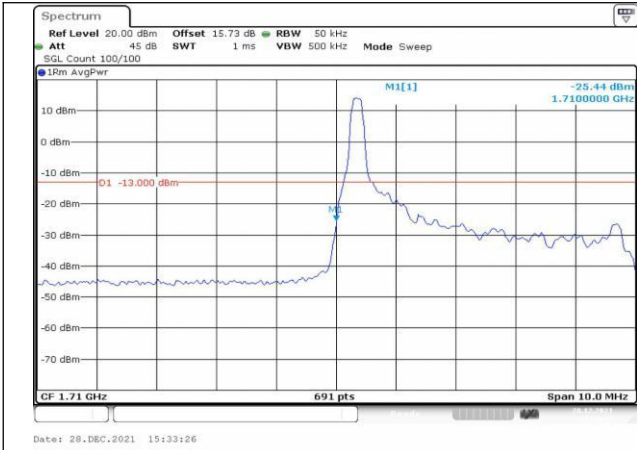


Fig.8





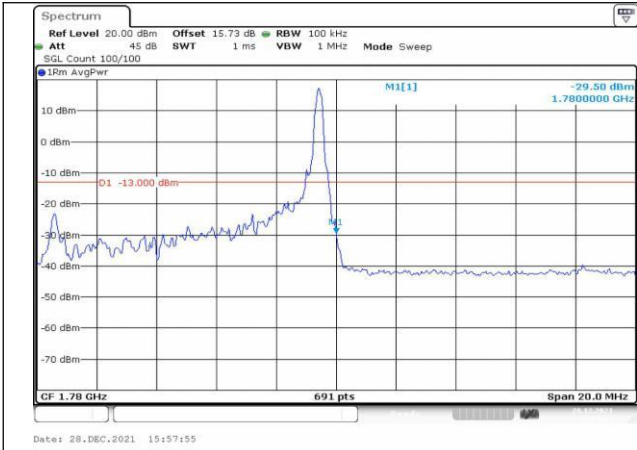


Fig.15

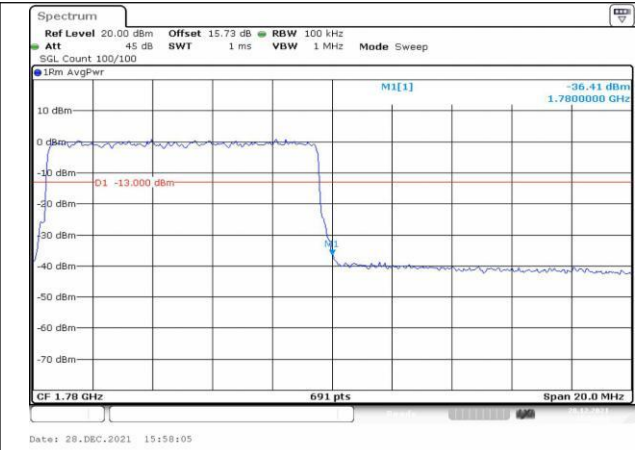


Fig.16

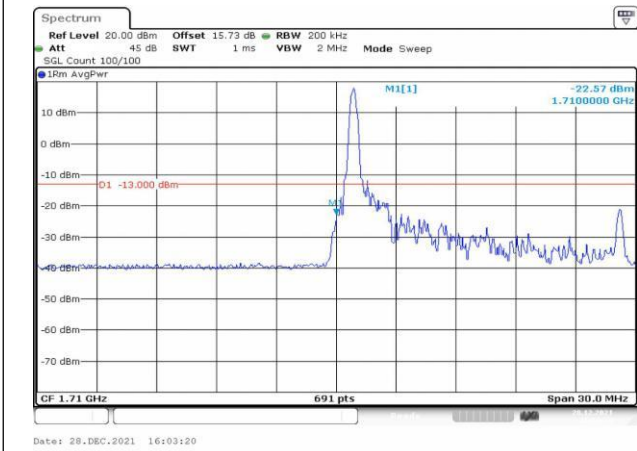


Fig.17

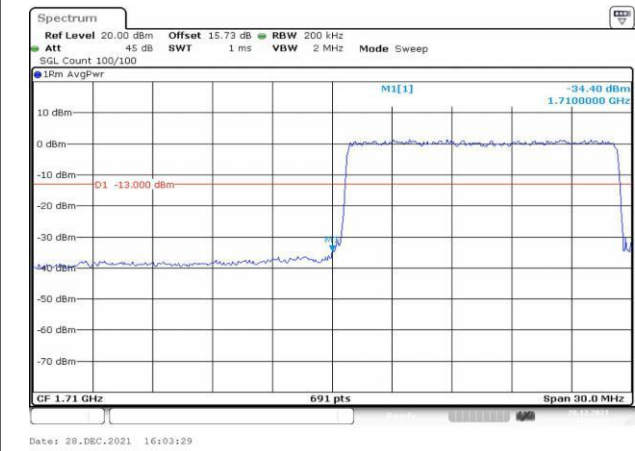


Fig.18

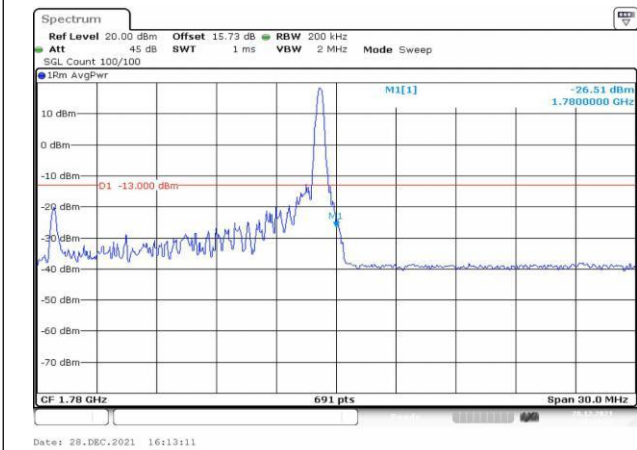


Fig.19



Fig.20

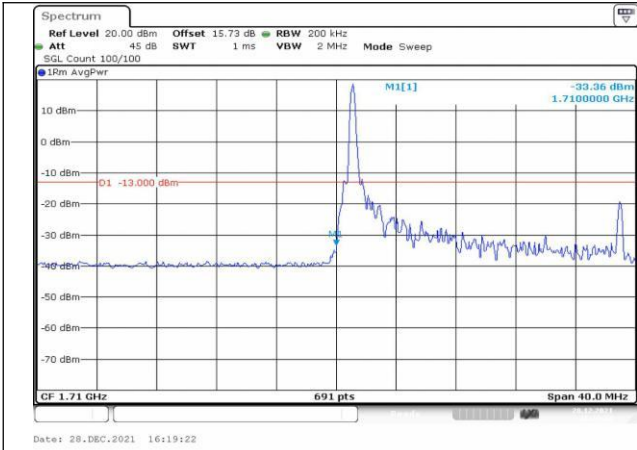


Fig.21

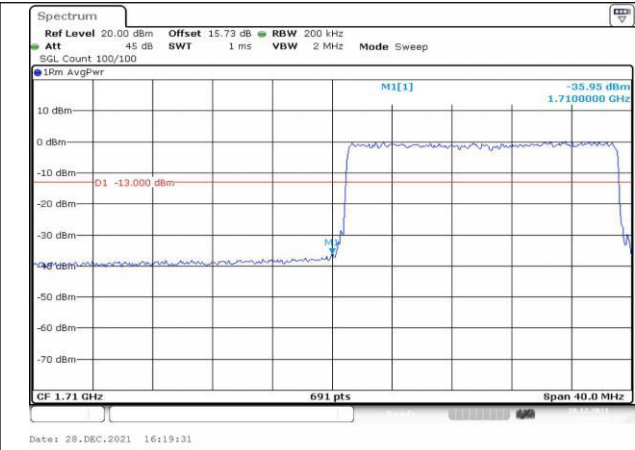


Fig.22

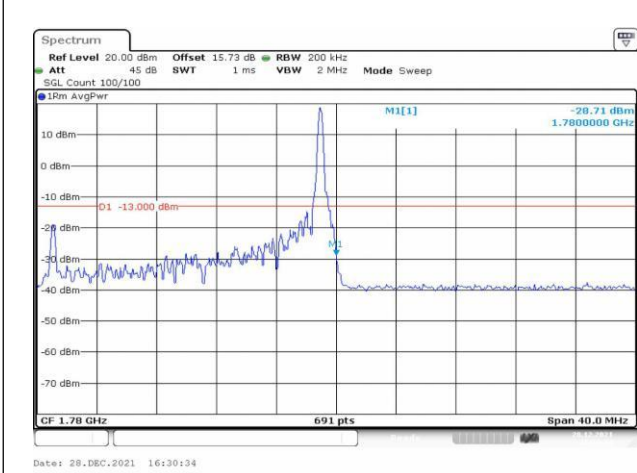


Fig.23

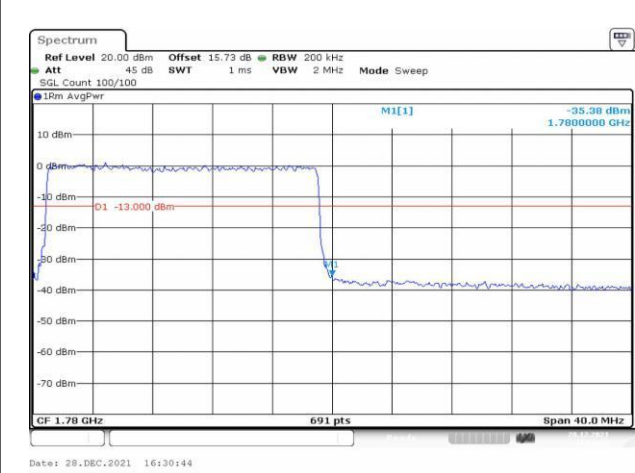


Fig.24

#### 4 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 66 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.002	0.000	-0.001	-0.005	0.003	0.030
-10	NV	-0.002	0.006	-0.017	-0.021	0.013	-0.008
0	NV	0.014	0.001	-0.016	-0.007	0.018	0.002
+10	NV	0.002	0.008	-0.004	-0.008	-0.001	0.002
+30	NV	-0.004	0.010	-0.016	-0.019	0.002	-0.016
+40	NV	0.006	0.003	-0.006	-0.013	0.010	-0.006
+55	NV	0.009	0.011	-0.004	-0.003	0.002	-0.002
+20	LV	0.000	0.000	-0.001	-0.003	0.009	-0.005
+20	HV	0.008	0.001	-0.006	-0.005	0.008	-0.010

Temperature(°C)	Voltage	Test Result (ppm) Band 66 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	-0.007	0.006	-0.004	0.000	0.009	-0.017
-10	NV	-0.006	-0.017	-0.015	0.001	0.007	0.004
0	NV	0.000	-0.002	-0.001	0.009	0.000	-0.013
+10	NV	-0.001	-0.002	-0.003	0.000	0.010	0.008
+30	NV	-0.004	0.000	-0.001	-0.001	0.005	-0.009
+40	NV	-0.001	0.004	0.002	-0.002	0.006	-0.004
+55	NV	-0.002	-0.005	-0.005	-0.013	-0.005	-0.004
+20	LV	-0.010	-0.004	-0.003	-0.008	0.000	-0.012
+20	HV	-0.015	-0.008	-0.010	-0.004	0.008	-0.003



## 7 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	131979	1.4	1	0	22.88	21.18	0.131
16QAM	1710.7	131979	1.4	1	3	22.98	21.28	0.134
16QAM	1710.7	131979	1.4	1	5	22.95	21.25	0.133
16QAM	1710.7	131979	1.4	3	0	22.96	21.26	0.134
16QAM	1710.7	131979	1.4	3	1	23.03	21.33	0.136
16QAM	1710.7	131979	1.4	3	3	23.00	21.30	0.135
16QAM	1710.7	131979	1.4	6	0	22.09	20.39	0.109
16QAM	1755	132422	1.4	1	0	23.61	21.91	0.155
16QAM	1755	132422	1.4	1	3	23.67	21.97	0.157
16QAM	1755	132422	1.4	1	5	23.61	21.91	0.155
16QAM	1755	132422	1.4	3	0	22.99	21.29	0.135
16QAM	1755	132422	1.4	3	1	22.96	21.26	0.134
16QAM	1755	132422	1.4	3	3	22.98	21.28	0.134
16QAM	1755	132422	1.4	6	0	22.16	20.46	0.111
16QAM	1779.3	132665	1.4	1	0	23.29	21.59	0.144
16QAM	1779.3	132665	1.4	1	3	23.30	21.60	0.145
16QAM	1779.3	132665	1.4	1	5	23.31	21.61	0.145
16QAM	1779.3	132665	1.4	3	0	23.38	21.68	0.147
16QAM	1779.3	132665	1.4	3	1	23.39	21.69	0.148
16QAM	1779.3	132665	1.4	3	3	23.29	21.59	0.144
16QAM	1779.3	132665	1.4	6	0	22.48	20.78	0.120
64QAM	1710.7	131979	1.4	1	0	21.81	20.11	0.103
64QAM	1710.7	131979	1.4	1	3	21.91	20.21	0.105
64QAM	1710.7	131979	1.4	1	5	21.86	20.16	0.104
64QAM	1710.7	131979	1.4	3	0	22.08	20.38	0.109
64QAM	1710.7	131979	1.4	3	1	22.01	20.31	0.107
64QAM	1710.7	131979	1.4	3	3	21.97	20.27	0.106
64QAM	1710.7	131979	1.4	6	0	19.73	18.03	0.064
64QAM	1755	132422	1.4	1	0	22.16	20.46	0.111
64QAM	1755	132422	1.4	1	3	22.08	20.38	0.109
64QAM	1755	132422	1.4	1	5	22.13	20.43	0.110
64QAM	1755	132422	1.4	3	0	22.00	20.30	0.107
64QAM	1755	132422	1.4	3	1	21.98	20.28	0.107
64QAM	1755	132422	1.4	3	3	22.05	20.35	0.108
64QAM	1755	132422	1.4	6	0	20.23	18.53	0.071
64QAM	1779.3	132665	1.4	1	0	-999.00	-1000.70	0.000
64QAM	1779.3	132665	1.4	1	3	22.41	20.71	0.118
64QAM	1779.3	132665	1.4	1	5	22.43	20.73	0.118
64QAM	1779.3	132665	1.4	3	0	22.56	20.86	0.122
64QAM	1779.3	132665	1.4	3	1	22.58	20.88	0.122
64QAM	1779.3	132665	1.4	3	3	22.63	20.93	0.124

64QAM	1779.3	132665	1.4	6	0	20.00	18.30	0.068
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1710.7	131979	1.4	1	0	23.57	21.87	0.154
QPSK	1710.7	131979	1.4	1	3	23.58	21.88	0.154
QPSK	1710.7	131979	1.4	1	5	23.60	21.90	0.155
QPSK	1710.7	131979	1.4	3	0	23.77	22.07	0.161
QPSK	1710.7	131979	1.4	3	1	23.69	21.99	0.158
QPSK	1710.7	131979	1.4	3	3	23.75	22.05	0.160
QPSK	1710.7	131979	1.4	6	0	22.76	21.06	0.128
QPSK	1755	132422	1.4	1	0	23.96	22.26	0.168
QPSK	1755	132422	1.4	1	3	24.05	22.35	0.172
QPSK	1755	132422	1.4	1	5	24.00	22.30	0.170
QPSK	1755	132422	1.4	3	0	23.95	22.25	0.168
QPSK	1755	132422	1.4	3	1	23.88	22.18	0.165
QPSK	1755	132422	1.4	3	3	23.89	22.19	0.166
QPSK	1755	132422	1.4	6	0	22.94	21.24	0.133
QPSK	1779.3	132665	1.4	1	0	23.92	22.22	0.167
QPSK	1779.3	132665	1.4	1	3	23.93	22.23	0.167
QPSK	1779.3	132665	1.4	1	5	24.00	22.30	0.170
QPSK	1779.3	132665	1.4	3	0	24.17	22.47	0.177
QPSK	1779.3	132665	1.4	3	1	24.07	22.37	0.173
QPSK	1779.3	132665	1.4	3	3	24.20	22.50	0.178
QPSK	1779.3	132665	1.4	6	0	23.09	21.39	0.138

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	131987	3	1	0	22.88	21.18	0.131
16QAM	1711.5	131987	3	1	8	22.74	21.04	0.127
16QAM	1711.5	131987	3	1	14	22.77	21.07	0.128
16QAM	1711.5	131987	3	8	0	21.60	19.90	0.098
16QAM	1711.5	131987	3	8	4	21.83	20.13	0.103
16QAM	1711.5	131987	3	8	7	21.85	20.15	0.104
16QAM	1711.5	131987	3	15	0	21.86	20.16	0.104
16QAM	1755	132422	3	1	0	23.38	21.68	0.147
16QAM	1755	132422	3	1	8	23.31	21.61	0.145
16QAM	1755	132422	3	1	14	23.35	21.65	0.146
16QAM	1755	132422	3	8	0	22.08	20.38	0.109
16QAM	1755	132422	3	8	4	22.14	20.44	0.111
16QAM	1755	132422	3	8	7	22.21	20.51	0.112
16QAM	1755	132422	3	15	0	22.19	20.49	0.112
16QAM	1778.5	132657	3	1	0	23.91	22.21	0.166
16QAM	1778.5	132657	3	1	8	23.85	22.15	0.164
16QAM	1778.5	132657	3	1	14	23.85	22.15	0.164
16QAM	1778.5	132657	3	8	0	22.32	20.62	0.115
16QAM	1778.5	132657	3	8	4	22.25	20.55	0.114
16QAM	1778.5	132657	3	8	7	22.25	20.55	0.114
16QAM	1778.5	132657	3	15	0	22.11	20.41	0.110
64QAM	1711.5	131987	3	1	0	22.51	20.81	0.121
64QAM	1711.5	131987	3	1	8	22.46	20.76	0.119
64QAM	1711.5	131987	3	1	14	22.42	20.72	0.118
64QAM	1711.5	131987	3	8	0	19.94	18.24	0.067
64QAM	1711.5	131987	3	8	4	20.05	18.35	0.068
64QAM	1711.5	131987	3	8	7	20.06	18.36	0.069
64QAM	1711.5	131987	3	15	0	19.91	18.21	0.066
64QAM	1755	132422	3	1	0	21.42	19.72	0.094
64QAM	1755	132422	3	1	8	21.54	19.84	0.096
64QAM	1755	132422	3	1	14	21.49	19.79	0.095
64QAM	1755	132422	3	8	0	20.35	18.65	0.073
64QAM	1755	132422	3	8	4	20.31	18.61	0.073
64QAM	1755	132422	3	8	7	20.29	18.59	0.072
64QAM	1755	132422	3	15	0	20.28	18.58	0.072
64QAM	1778.5	132657	3	1	0	21.92	20.22	0.105
64QAM	1778.5	132657	3	1	8	21.86	20.16	0.104
64QAM	1778.5	132657	3	1	14	21.91	20.21	0.105
64QAM	1778.5	132657	3	8	0	20.04	18.34	0.068
64QAM	1778.5	132657	3	8	4	20.08	18.38	0.069
64QAM	1778.5	132657	3	8	7	20.01	18.31	0.068
64QAM	1778.5	132657	3	15	0	20.06	18.36	0.069

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	23.63	21.93	0.156
QPSK	1711.5	131987	3	1	8	23.70	22.00	0.158
QPSK	1711.5	131987	3	1	14	23.74	22.04	0.160
QPSK	1711.5	131987	3	8	0	22.74	21.04	0.127
QPSK	1711.5	131987	3	8	4	22.64	20.94	0.124
QPSK	1711.5	131987	3	8	7	22.64	20.94	0.124
QPSK	1711.5	131987	3	15	0	22.72	21.02	0.126
QPSK	1755	132422	3	1	0	23.95	22.25	0.168
QPSK	1755	132422	3	1	8	24.05	22.35	0.172
QPSK	1755	132422	3	1	14	24.09	22.39	0.173
QPSK	1755	132422	3	8	0	22.97	21.27	0.134
QPSK	1755	132422	3	8	4	22.97	21.27	0.134
QPSK	1755	132422	3	8	7	22.92	21.22	0.132
QPSK	1755	132422	3	15	0	22.93	21.23	0.133
QPSK	1778.5	132657	3	1	0	24.17	22.47	0.177
QPSK	1778.5	132657	3	1	8	24.10	22.40	0.174
QPSK	1778.5	132657	3	1	14	24.22	22.52	0.179
QPSK	1778.5	132657	3	8	0	23.21	21.51	0.142
QPSK	1778.5	132657	3	8	4	23.05	21.35	0.136
QPSK	1778.5	132657	3	8	7	23.12	21.42	0.139
QPSK	1778.5	132657	3	15	0	23.14	21.44	0.139



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	131997	5	1	0	22.70	21.00	0.126
16QAM	1712.5	131997	5	1	12	22.70	21.00	0.126
16QAM	1712.5	131997	5	1	24	22.48	20.78	0.120
16QAM	1712.5	131997	5	12	0	21.72	20.02	0.100
16QAM	1712.5	131997	5	12	7	21.75	20.05	0.101
16QAM	1712.5	131997	5	12	13	21.81	20.11	0.103
16QAM	1712.5	131997	5	25	0	21.85	20.15	0.104
16QAM	1755	132422	5	1	0	23.06	21.36	0.137
16QAM	1755	132422	5	1	12	22.88	21.18	0.131
16QAM	1755	132422	5	1	24	23.06	21.36	0.137
16QAM	1755	132422	5	12	0	21.85	20.15	0.104
16QAM	1755	132422	5	12	7	21.79	20.09	0.102
16QAM	1755	132422	5	12	13	21.90	20.20	0.105
16QAM	1755	132422	5	25	0	21.96	20.26	0.106
16QAM	1777.5	132647	5	1	0	23.21	21.51	0.142
16QAM	1777.5	132647	5	1	12	23.20	21.50	0.141
16QAM	1777.5	132647	5	1	24	23.15	21.45	0.140
16QAM	1777.5	132647	5	12	0	22.19	20.49	0.112
16QAM	1777.5	132647	5	12	7	22.24	20.54	0.113
16QAM	1777.5	132647	5	12	13	22.15	20.45	0.111
16QAM	1777.5	132647	5	25	0	22.10	20.40	0.110
64QAM	1712.5	131997	5	1	0	21.74	20.04	0.101
64QAM	1712.5	131997	5	1	12	21.42	19.72	0.094
64QAM	1712.5	131997	5	1	24	21.76	20.06	0.101
64QAM	1712.5	131997	5	12	0	19.78	18.08	0.064
64QAM	1712.5	131997	5	12	7	20.04	18.34	0.068
64QAM	1712.5	131997	5	12	13	19.95	18.25	0.067
64QAM	1712.5	131997	5	25	0	19.88	18.18	0.066
64QAM	1755	132422	5	1	0	23.23	21.53	0.142
64QAM	1755	132422	5	1	12	23.15	21.45	0.140
64QAM	1755	132422	5	1	24	23.14	21.44	0.139
64QAM	1755	132422	5	12	0	20.13	18.43	0.070
64QAM	1755	132422	5	12	7	20.25	18.55	0.072
64QAM	1755	132422	5	12	13	20.07	18.37	0.069
64QAM	1755	132422	5	25	0	20.11	18.41	0.069
64QAM	1777.5	132647	5	1	0	23.39	21.69	0.148
64QAM	1777.5	132647	5	1	12	23.34	21.64	0.146
64QAM	1777.5	132647	5	1	24	23.34	21.64	0.146
64QAM	1777.5	132647	5	12	0	19.81	18.11	0.065
64QAM	1777.5	132647	5	12	7	19.99	18.29	0.067
64QAM	1777.5	132647	5	12	13	19.84	18.14	0.065
64QAM	1777.5	132647	5	25	0	19.86	18.16	0.065

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	131997	5	1	0	23.74	22.04	0.160
QPSK	1712.5	131997	5	1	12	23.87	22.17	0.165
QPSK	1712.5	131997	5	1	24	23.84	22.14	0.164
QPSK	1712.5	131997	5	12	0	22.80	21.10	0.129
QPSK	1712.5	131997	5	12	7	22.66	20.96	0.125
QPSK	1712.5	131997	5	12	13	22.74	21.04	0.127
QPSK	1712.5	131997	5	25	0	22.68	20.98	0.125
QPSK	1755	132422	5	1	0	23.72	22.02	0.159
QPSK	1755	132422	5	1	12	23.85	22.15	0.164
QPSK	1755	132422	5	1	24	23.81	22.11	0.163
QPSK	1755	132422	5	12	0	23.03	21.33	0.136
QPSK	1755	132422	5	12	7	22.92	21.22	0.132
QPSK	1755	132422	5	12	13	22.94	21.24	0.133
QPSK	1755	132422	5	25	0	22.97	21.27	0.134
QPSK	1777.5	132647	5	1	0	23.92	22.22	0.167
QPSK	1777.5	132647	5	1	12	23.98	22.28	0.169
QPSK	1777.5	132647	5	1	24	23.91	22.21	0.166
QPSK	1777.5	132647	5	12	0	23.08	21.38	0.137
QPSK	1777.5	132647	5	12	7	23.06	21.36	0.137
QPSK	1777.5	132647	5	12	13	23.14	21.44	0.139
QPSK	1777.5	132647	5	25	0	23.15	21.45	0.140

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	132022	10	1	0	23.29	21.59	0.144
16QAM	1715	132022	10	1	25	23.25	21.55	0.143
16QAM	1715	132022	10	1	49	23.31	21.61	0.145
16QAM	1715	132022	10	25	0	21.94	20.24	0.106
16QAM	1715	132022	10	25	12	21.83	20.13	0.103
16QAM	1715	132022	10	25	25	21.89	20.19	0.104
16QAM	1715	132022	10	50	0	21.87	20.17	0.104
16QAM	1755	132422	10	1	0	23.55	21.85	0.153
16QAM	1755	132422	10	1	25	23.55	21.85	0.153
16QAM	1755	132422	10	1	49	23.63	21.93	0.156
16QAM	1755	132422	10	25	0	22.01	20.31	0.107
16QAM	1755	132422	10	25	12	22.05	20.35	0.108
16QAM	1755	132422	10	25	25	22.06	20.36	0.109
16QAM	1755	132422	10	50	0	22.08	20.38	0.109
16QAM	1775	132622	10	1	0	23.57	21.87	0.154
16QAM	1775	132622	10	1	25	23.64	21.94	0.156
16QAM	1775	132622	10	1	49	23.61	21.91	0.155
16QAM	1775	132622	10	25	0	22.25	20.55	0.114
16QAM	1775	132622	10	25	12	22.39	20.69	0.117
16QAM	1775	132622	10	25	25	22.29	20.59	0.115
16QAM	1775	132622	10	50	0	22.29	20.59	0.115
64QAM	1715	132022	10	1	0	21.55	19.85	0.097
64QAM	1715	132022	10	1	25	21.50	19.80	0.095
64QAM	1715	132022	10	1	49	21.59	19.89	0.097
64QAM	1715	132022	10	25	0	20.00	18.30	0.068
64QAM	1715	132022	10	25	12	20.14	18.44	0.070
64QAM	1715	132022	10	25	25	20.36	18.66	0.073
64QAM	1715	132022	10	50	0	20.18	18.48	0.070
64QAM	1755	132422	10	1	0	21.82	20.12	0.103
64QAM	1755	132422	10	1	25	21.83	20.13	0.103
64QAM	1755	132422	10	1	49	21.89	20.19	0.104
64QAM	1755	132422	10	25	0	20.38	18.68	0.074
64QAM	1755	132422	10	25	12	20.43	18.73	0.075
64QAM	1755	132422	10	25	25	20.58	18.88	0.077
64QAM	1755	132422	10	50	0	20.47	18.77	0.075
64QAM	1775	132622	10	1	0	21.94	20.24	0.106
64QAM	1775	132622	10	1	25	22.01	20.31	0.107
64QAM	1775	132622	10	1	49	21.94	20.24	0.106
64QAM	1775	132622	10	25	0	20.23	18.53	0.071
64QAM	1775	132622	10	25	12	20.19	18.49	0.071
64QAM	1775	132622	10	25	25	20.38	18.68	0.074
64QAM	1775	132622	10	50	0	20.31	18.61	0.073

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	132022	10	1	0	23.98	22.28	0.169
QPSK	1715	132022	10	1	25	23.86	22.16	0.164
QPSK	1715	132022	10	1	49	24.02	22.32	0.171
QPSK	1715	132022	10	25	0	22.73	21.03	0.127
QPSK	1715	132022	10	25	12	22.78	21.08	0.128
QPSK	1715	132022	10	25	25	22.78	21.08	0.128
QPSK	1715	132022	10	50	0	22.81	21.11	0.129
QPSK	1755	132422	10	1	0	23.97	22.27	0.169
QPSK	1755	132422	10	1	25	24.13	22.43	0.175
QPSK	1755	132422	10	1	49	24.06	22.36	0.172
QPSK	1755	132422	10	25	0	22.88	21.18	0.131
QPSK	1755	132422	10	25	12	22.97	21.27	0.134
QPSK	1755	132422	10	25	25	22.89	21.19	0.132
QPSK	1755	132422	10	50	0	23.01	21.31	0.135
QPSK	1775	132622	10	1	0	24.09	22.39	0.173
QPSK	1775	132622	10	1	25	24.24	22.54	0.179
QPSK	1775	132622	10	1	49	24.24	22.54	0.179
QPSK	1775	132622	10	25	0	23.07	21.37	0.137
QPSK	1775	132622	10	25	12	23.13	21.43	0.139
QPSK	1775	132622	10	25	25	23.14	21.44	0.139
QPSK	1775	132622	10	50	0	23.08	21.38	0.137



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	132047	15	1	0	23.48	21.78	0.151
16QAM	1717.5	132047	15	1	37	23.49	21.79	0.151
16QAM	1717.5	132047	15	1	74	23.63	21.93	0.156
16QAM	1717.5	132047	15	36	0	21.82	20.12	0.103
16QAM	1717.5	132047	15	36	29	21.67	19.97	0.099
16QAM	1717.5	132047	15	36	30	22.06	20.36	0.109
16QAM	1717.5	132047	15	75	0	21.87	20.17	0.104
16QAM	1755	132422	15	1	0	23.32	21.62	0.145
16QAM	1755	132422	15	1	37	23.36	21.66	0.147
16QAM	1755	132422	15	1	74	23.43	21.73	0.149
16QAM	1755	132422	15	36	0	21.99	20.29	0.107
16QAM	1755	132422	15	36	29	22.01	20.31	0.107
16QAM	1755	132422	15	36	30	22.11	20.41	0.110
16QAM	1755	132422	15	75	0	22.09	20.39	0.109
16QAM	1772.5	132597	15	1	0	23.57	21.87	0.154
16QAM	1772.5	132597	15	1	37	23.60	21.90	0.155
16QAM	1772.5	132597	15	1	74	23.63	21.93	0.156
16QAM	1772.5	132597	15	36	0	22.26	20.56	0.114
16QAM	1772.5	132597	15	36	29	22.20	20.50	0.112
16QAM	1772.5	132597	15	36	30	22.24	20.54	0.113
16QAM	1772.5	132597	15	75	0	22.23	20.53	0.113
64QAM	1717.5	132047	15	1	0	21.54	19.84	0.096
64QAM	1717.5	132047	15	1	37	21.60	19.90	0.098
64QAM	1717.5	132047	15	1	74	21.77	20.07	0.102
64QAM	1717.5	132047	15	36	0	20.14	18.44	0.070
64QAM	1717.5	132047	15	36	29	20.15	18.45	0.070
64QAM	1717.5	132047	15	36	30	20.16	18.46	0.070
64QAM	1717.5	132047	15	75	0	20.13	18.43	0.070
64QAM	1755	132422	15	1	0	21.80	20.10	0.102
64QAM	1755	132422	15	1	37	21.94	20.24	0.106
64QAM	1755	132422	15	1	74	22.07	20.37	0.109
64QAM	1755	132422	15	36	0	20.51	18.81	0.076
64QAM	1755	132422	15	36	29	20.39	18.69	0.074
64QAM	1755	132422	15	36	30	20.40	18.70	0.074
64QAM	1755	132422	15	75	0	20.42	18.72	0.074
64QAM	1772.5	132597	15	1	0	21.92	20.22	0.105
64QAM	1772.5	132597	15	1	37	21.94	20.24	0.106
64QAM	1772.5	132597	15	1	74	21.82	20.12	0.103
64QAM	1772.5	132597	15	36	0	20.33	18.63	0.073
64QAM	1772.5	132597	15	36	29	20.24	18.54	0.071
64QAM	1772.5	132597	15	36	30	20.25	18.55	0.072
64QAM	1772.5	132597	15	75	0	20.25	18.55	0.072

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	15	1	0	23.79	22.09	0.162
QPSK	1717.5	132047	15	1	37	23.75	22.05	0.160
QPSK	1717.5	132047	15	1	74	24.00	22.30	0.170
QPSK	1717.5	132047	15	36	0	22.68	20.98	0.125
QPSK	1717.5	132047	15	36	29	22.66	20.96	0.125
QPSK	1717.5	132047	15	36	30	22.66	20.96	0.125
QPSK	1717.5	132047	15	75	0	22.67	20.97	0.125
QPSK	1755	132422	15	1	0	23.84	22.14	0.164
QPSK	1755	132422	15	1	37	23.86	22.16	0.164
QPSK	1755	132422	15	1	74	24.01	22.31	0.170
QPSK	1755	132422	15	36	0	22.87	21.17	0.131
QPSK	1755	132422	15	36	29	22.92	21.22	0.132
QPSK	1755	132422	15	36	30	22.92	21.22	0.132
QPSK	1755	132422	15	75	0	22.99	21.29	0.135
QPSK	1772.5	132597	15	1	0	24.03	22.33	0.171
QPSK	1772.5	132597	15	1	37	24.19	22.49	0.177
QPSK	1772.5	132597	15	1	74	24.18	22.48	0.177
QPSK	1772.5	132597	15	36	0	23.11	21.41	0.138
QPSK	1772.5	132597	15	36	29	23.21	21.51	0.142
QPSK	1772.5	132597	15	36	30	23.19	21.49	0.141
QPSK	1772.5	132597	15	75	0	23.00	21.30	0.135

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	132072	20	1	0	23.00	21.30	0.135
16QAM	1720	132072	20	1	49	22.88	21.18	0.131
16QAM	1720	132072	20	1	99	23.10	21.40	0.138
16QAM	1720	132072	20	50	0	21.88	20.18	0.104
16QAM	1720	132072	20	50	24	21.88	20.18	0.104
16QAM	1720	132072	20	50	50	21.95	20.25	0.106
16QAM	1720	132072	20	100	0	21.76	20.06	0.101
16QAM	1755	132422	20	1	0	23.23	21.53	0.142
16QAM	1755	132422	20	1	49	23.16	21.46	0.140
16QAM	1755	132422	20	1	99	23.32	21.62	0.145
16QAM	1755	132422	20	50	0	22.02	20.32	0.108
16QAM	1755	132422	20	50	24	22.05	20.35	0.108
16QAM	1755	132422	20	50	50	22.07	20.37	0.109
16QAM	1755	132422	20	100	0	22.17	20.47	0.111
16QAM	1770	132572	20	1	0	23.28	21.58	0.144
16QAM	1770	132572	20	1	49	23.29	21.59	0.144
16QAM	1770	132572	20	1	99	23.28	21.58	0.144
16QAM	1770	132572	20	50	0	22.25	20.55	0.114
16QAM	1770	132572	20	50	24	22.25	20.55	0.114
16QAM	1770	132572	20	50	50	22.26	20.56	0.114
16QAM	1770	132572	20	100	0	22.14	20.44	0.111
64QAM	1720	132072	20	1	0	22.48	20.78	0.120
64QAM	1720	132072	20	1	49	22.38	20.68	0.117
64QAM	1720	132072	20	1	99	22.63	20.93	0.124
64QAM	1720	132072	20	50	0	20.18	18.48	0.070
64QAM	1720	132072	20	50	24	20.01	18.31	0.068
64QAM	1720	132072	20	50	50	20.25	18.55	0.072
64QAM	1720	132072	20	100	0	20.18	18.48	0.070
64QAM	1755	132422	20	1	0	23.70	22.00	0.158
64QAM	1755	132422	20	1	49	23.68	21.98	0.158
64QAM	1755	132422	20	1	99	22.94	21.24	0.133
64QAM	1755	132422	20	50	0	20.70	19.00	0.079
64QAM	1755	132422	20	50	24	20.40	18.70	0.074
64QAM	1755	132422	20	50	50	20.55	18.85	0.077
64QAM	1755	132422	20	100	0	20.63	18.93	0.078
64QAM	1770	132572	20	1	0	22.69	20.99	0.126
64QAM	1770	132572	20	1	49	22.83	21.13	0.130
64QAM	1770	132572	20	1	99	22.91	21.21	0.132
64QAM	1770	132572	20	50	0	20.62	18.92	0.078
64QAM	1770	132572	20	50	24	20.29	18.59	0.072
64QAM	1770	132572	20	50	50	20.41	18.71	0.074
64QAM	1770	132572	20	100	0	20.50	18.80	0.076

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	132072	20	1	0	23.76	22.06	0.161
QPSK	1720	132072	20	1	49	23.71	22.01	0.159
QPSK	1720	132072	20	1	99	23.91	22.21	0.166
QPSK	1720	132072	20	50	0	22.52	20.82	0.121
QPSK	1720	132072	20	50	24	22.69	20.99	0.126
QPSK	1720	132072	20	50	50	22.93	21.23	0.133
QPSK	1720	132072	20	100	0	22.74	21.04	0.127
QPSK	1755	132422	20	1	0	24.06	22.36	0.172
QPSK	1755	132422	20	1	49	23.86	22.16	0.164
QPSK	1755	132422	20	1	99	23.98	22.28	0.169
QPSK	1755	132422	20	50	0	22.95	21.25	0.133
QPSK	1755	132422	20	50	24	23.03	21.33	0.136
QPSK	1755	132422	20	50	50	22.96	21.26	0.134
QPSK	1755	132422	20	100	0	23.03	21.33	0.136
QPSK	1770	132572	20	1	0	24.00	22.30	0.170
QPSK	1770	132572	20	1	49	24.10	22.40	0.174
QPSK	1770	132572	20	1	99	24.12	22.42	0.175
QPSK	1770	132572	20	50	0	23.05	21.35	0.136
QPSK	1770	132572	20	50	24	23.10	21.40	0.138
QPSK	1770	132572	20	50	50	23.22	21.52	0.142
QPSK	1770	132572	20	100	0	23.07	21.37	0.137