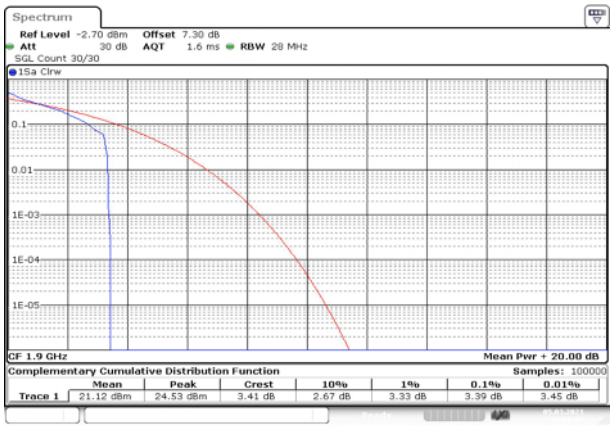

Fig.103

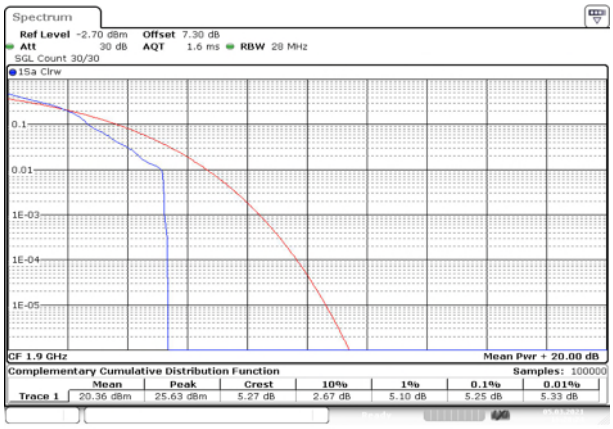

Fig.104

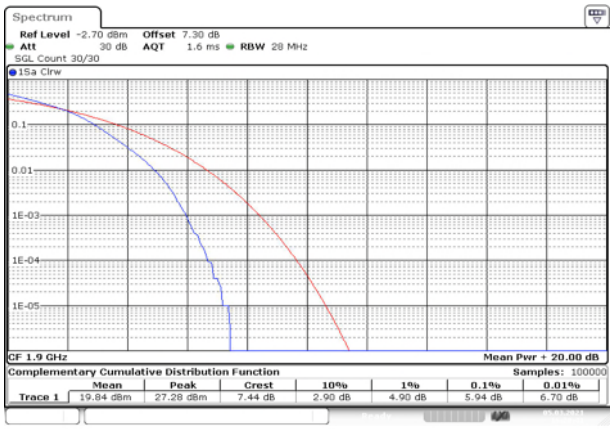

Fig.105

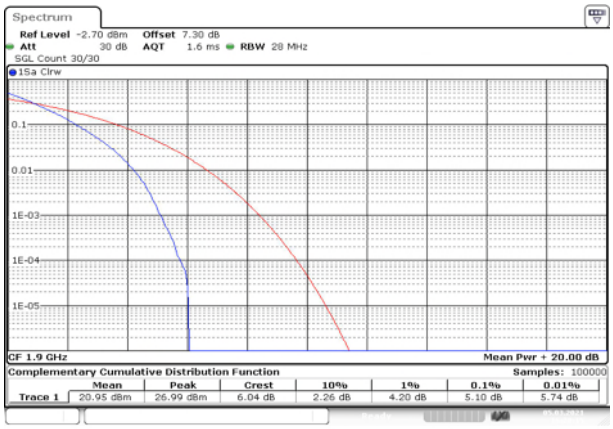

Fig.106

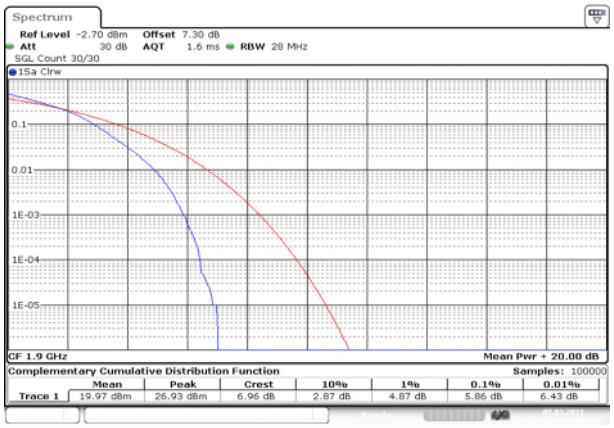

Fig.107

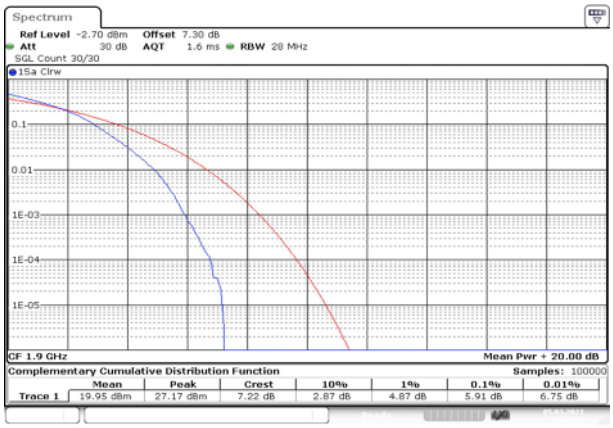

Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
2	1860	18700	20	1	0	Fig.1
	1880	18900		1	0	Fig.2
	1900	19100		1	0	Fig.3

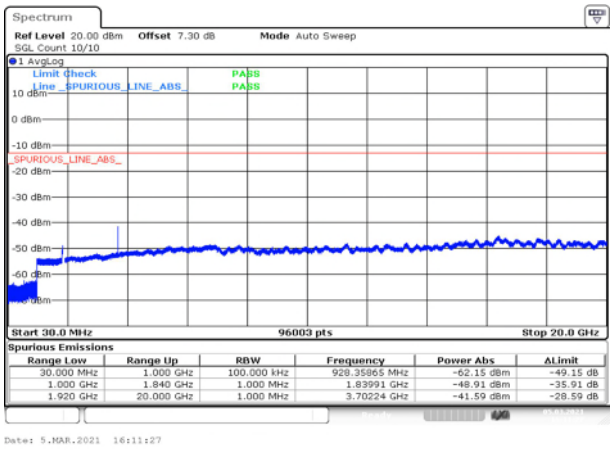

Fig.1

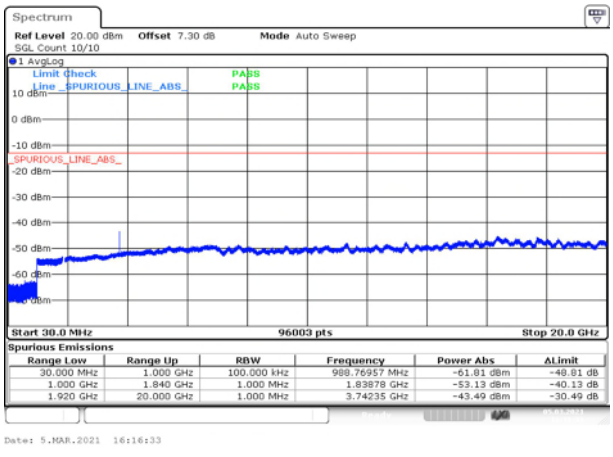

Fig.2

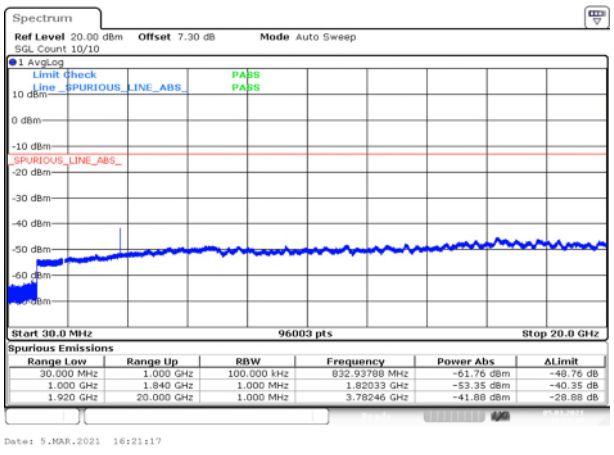

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
2	1850.7	18607	1.4	1	0	Fig.1
				6	0	Fig.2
	1909.3	19193		1	5	Fig.3
				6	0	Fig.4
	1851.5	18615	3	1	0	Fig.5
				15	0	Fig.6
	1908.5	19185		1	14	Fig.7
				15	0	Fig.8
	1852.5	18625	5	1	0	Fig.9
				25	0	Fig.10
	1907.5	19175		1	24	Fig.11
				25	0	Fig.12
	1855	18650	10	1	0	Fig.13
				50	0	Fig.14
	1905	19150		1	49	Fig.15
				50	0	Fig.16
	1857.5	18675	15	1	0	Fig.17
				75	0	Fig.18
	1902.5	19125		1	74	Fig.19
				75	0	Fig.20
	1860	18700	20	1	0	Fig.21
				100	0	Fig.22
	1900	19100		1	99	Fig.23
				100	0	Fig.24

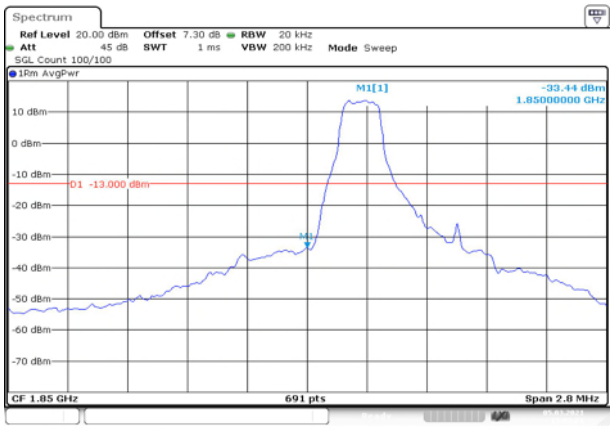

Fig.1

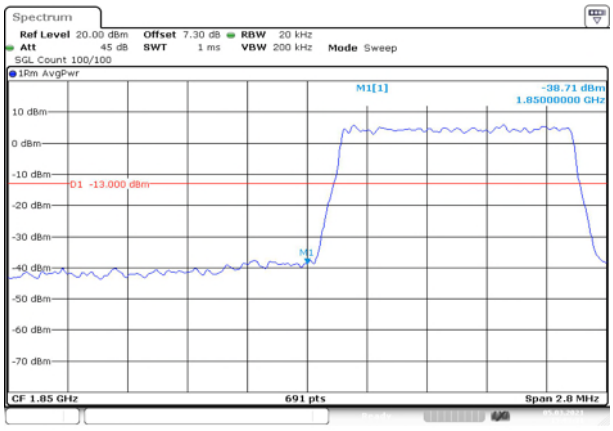

Fig.2

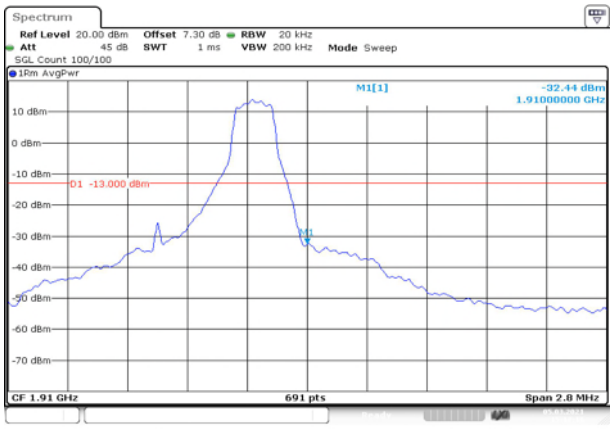

Fig.3

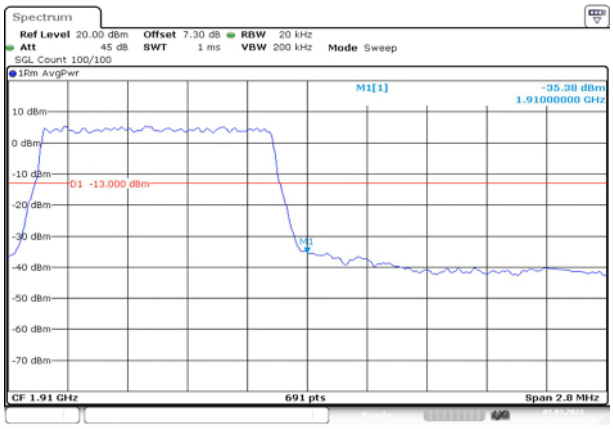

Fig.4

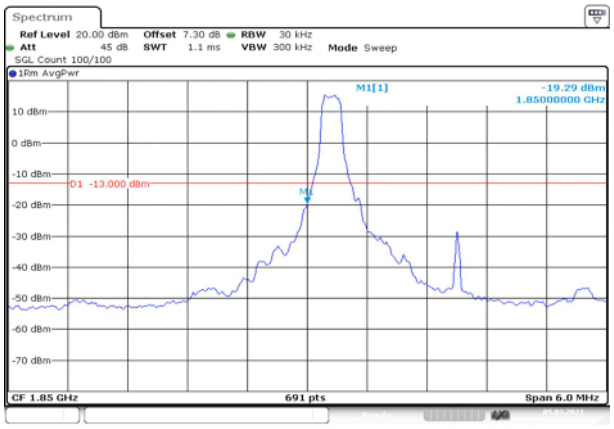

Fig.5

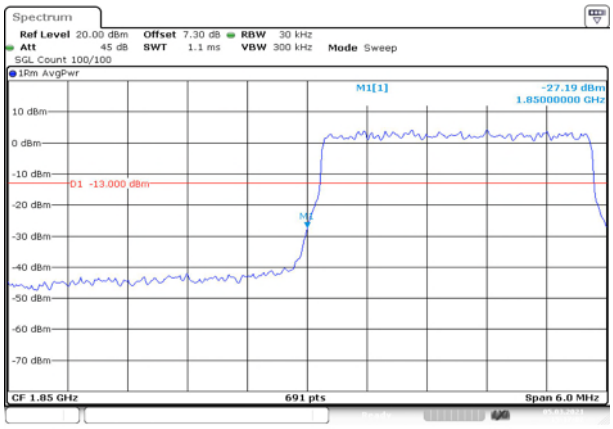

Fig.6

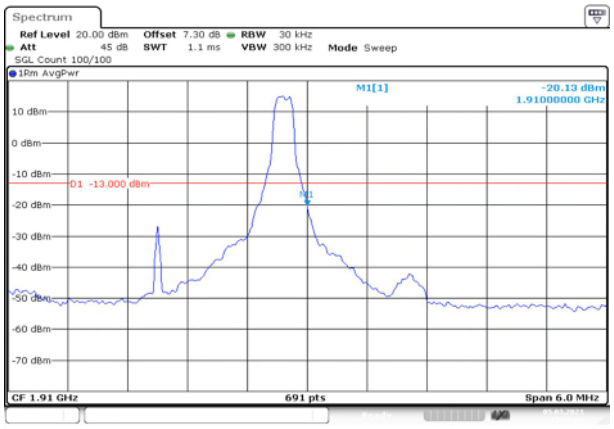

Fig.7

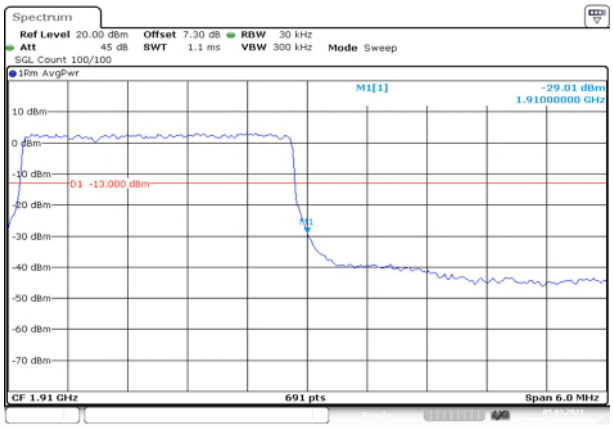

Fig.8

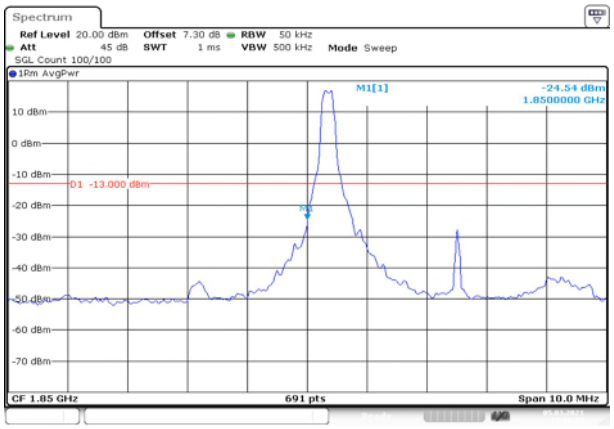

Fig.9

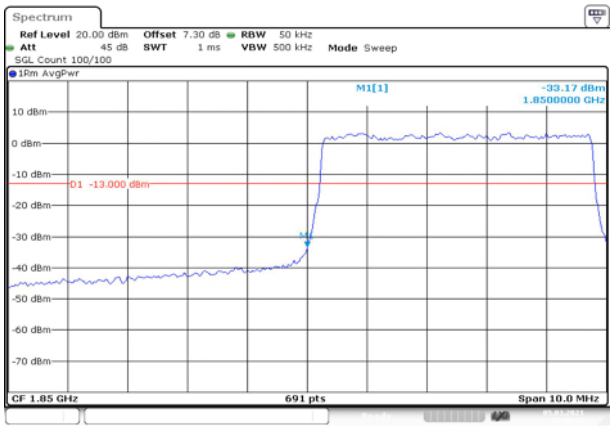

Fig.10

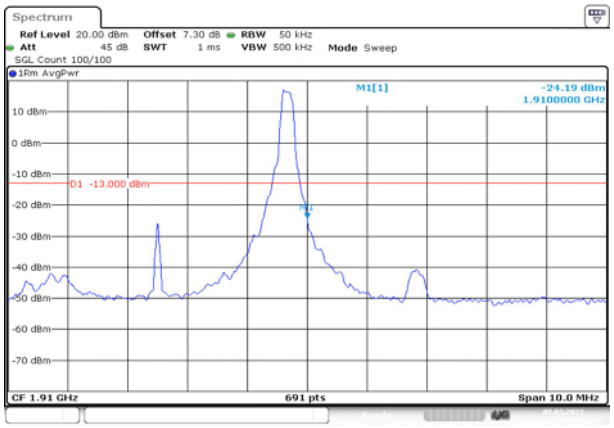

Fig.11

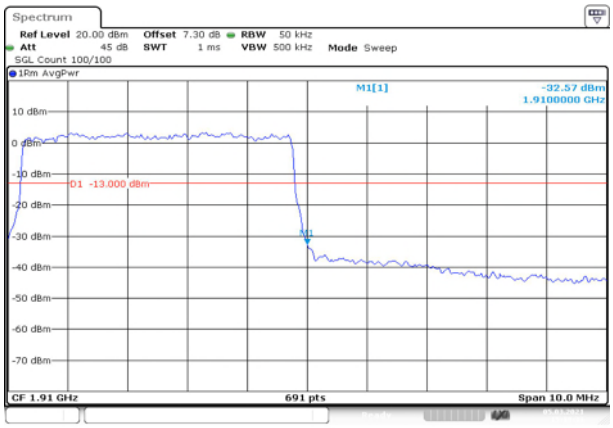

Fig.12

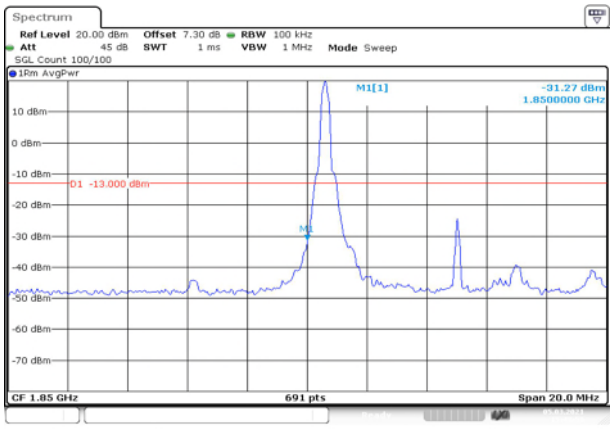

Fig.13

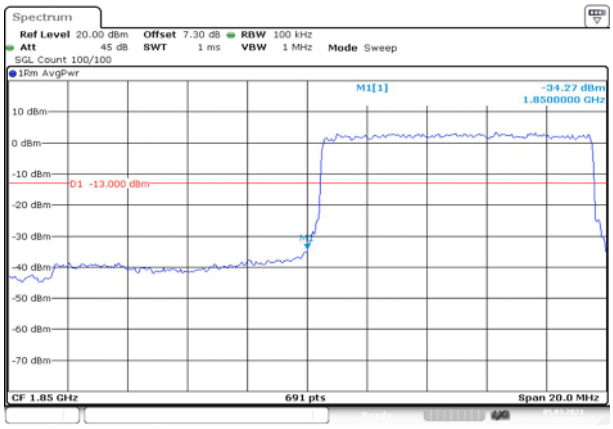

Fig.14

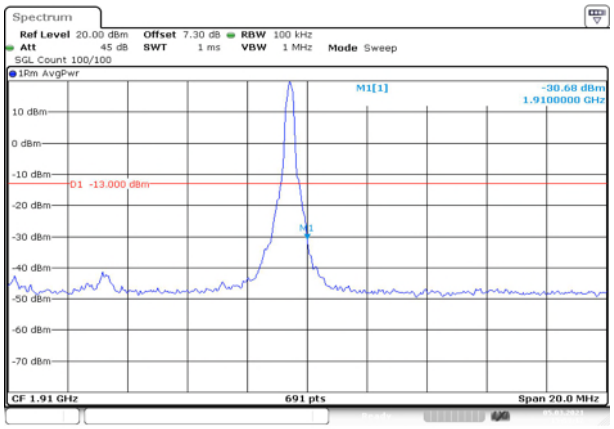

Fig.15

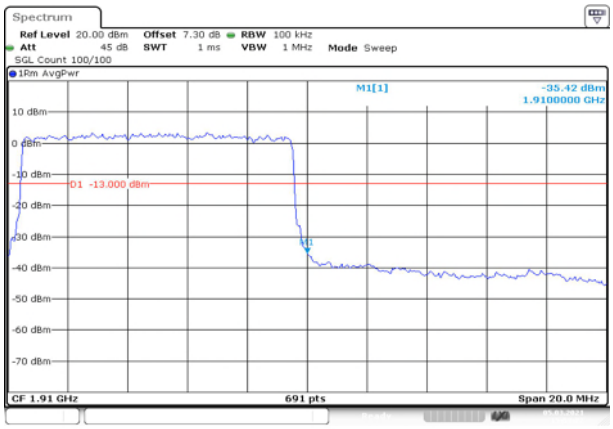

Fig.16

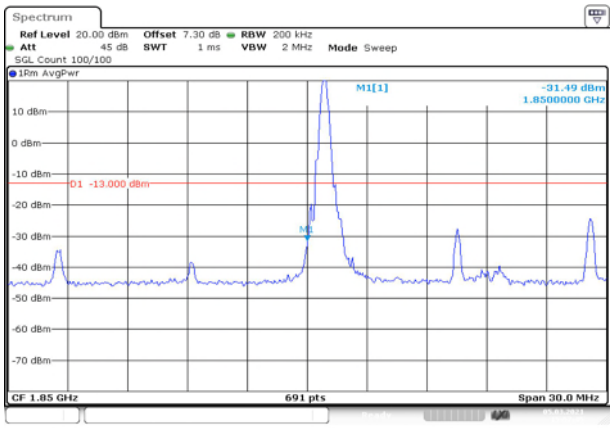

Fig.17

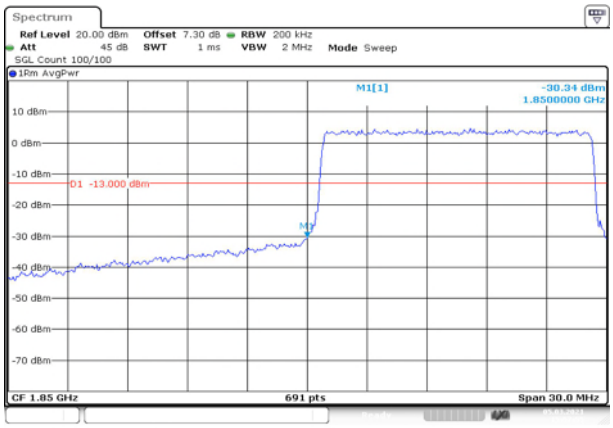

Fig.18

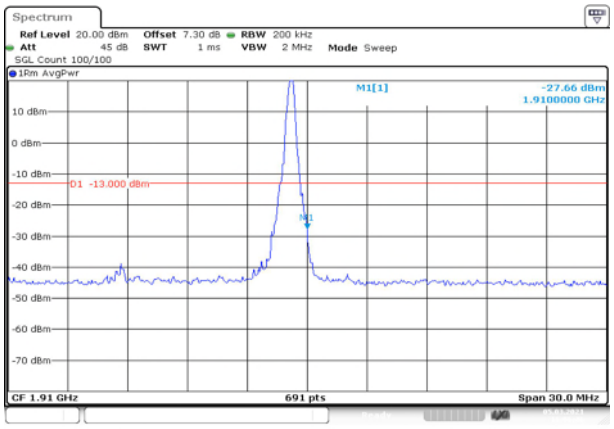

Fig.19

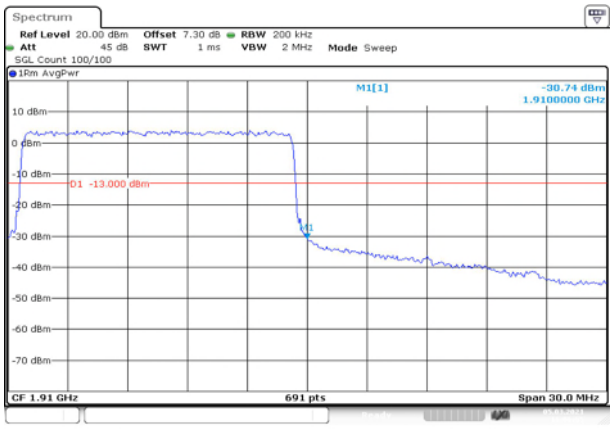

Fig.20

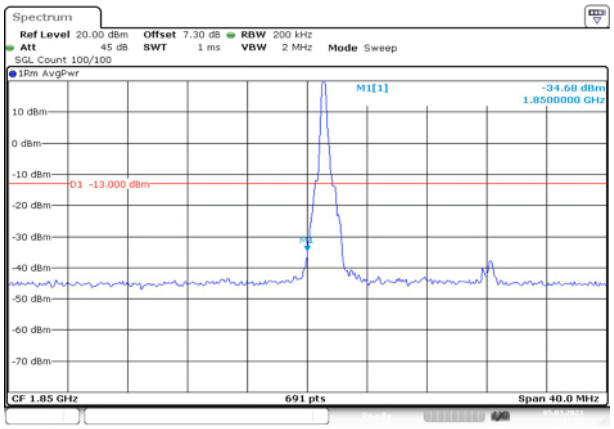

Fig.21

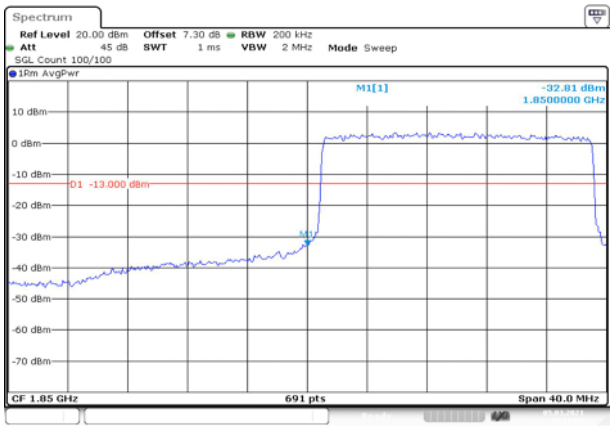

Fig.22

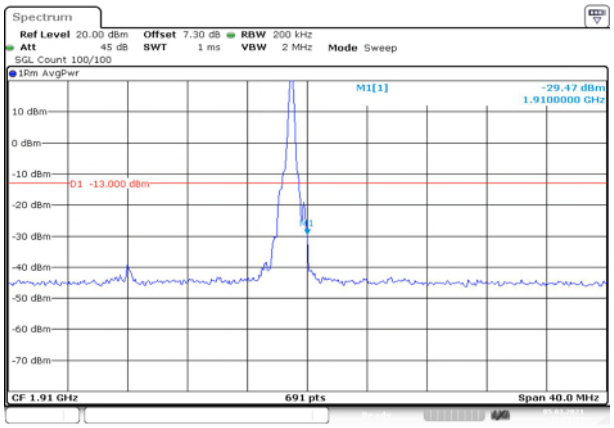

Fig.23

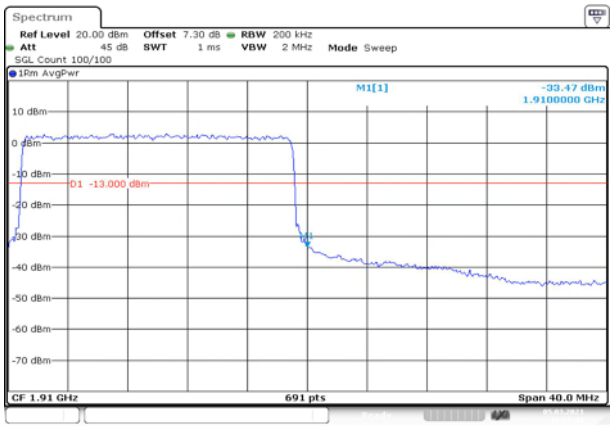

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.001	0.004	-0.004	0.001	-0.002	-0.001
-20	NV	-0.007	0.001	-0.003	-0.001	-0.003	0.005
-10	NV	-0.001	0.003	0.004	-0.004	-0.003	-0.002
0	NV	0.003	0.002	0.000	-0.001	-0.005	0.006
+10	NV	0.002	0.003	0.004	-0.002	-0.005	-0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.001	0.004	-0.004	0.001	-0.002	-0.001
+40	NV	-0.002	0.004	-0.001	0.004	0.001	0.000
+50	NV	-0.009	-0.002	-0.005	0.003	-0.002	0.005
+20	LV	-0.012	-0.004	0.002	0.001	-0.003	0.005
+20	HV	0.007	-0.004	0.000	-0.003	0.001	-0.002

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	-0.009	0.003	-0.002	0.002	0.005	0.004
-20	NV	0.010	-0.004	0.002	-0.001	0.001	-0.002
-10	NV	0.001	-0.001	0.003	0.005	0.001	-0.001
0	NV	0.006	0.001	-0.003	-0.002	0.000	0.002
+10	NV	-0.011	0.003	-0.003	0.006	0.003	0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.009	0.003	-0.002	0.002	0.005	0.004
+40	NV	0.002	-0.003	-0.002	0.005	0.002	-0.003
+50	NV	-0.003	0.001	0.000	-0.003	0.005	0.003
+20	LV	-0.010	0.001	-0.004	-0.002	0.002	0.003
+20	HV	0.008	0.001	-0.003	0.000	0.001	0.003

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	1850.7	18607	1.4	1	0	22.56	20.76	0.119
				1	3	22.57	20.77	0.119
				1	5	22.52	20.72	0.118
				3	0	22.59	20.79	0.120
				3	1	22.60	20.80	0.120
				3	3	22.59	20.79	0.120
				6	0	21.70	19.90	0.098
	1880	18900		1	0	22.20	20.40	0.110
				1	3	22.28	20.48	0.112
				1	5	22.24	20.44	0.111
				3	0	22.27	20.47	0.111
				3	1	22.28	20.48	0.112
				3	3	22.25	20.45	0.111
				6	0	21.28	19.48	0.089
	1909.3	19193		1	0	22.58	20.78	0.120
				1	3	22.53	20.73	0.118
				1	5	22.53	20.73	0.118
				3	0	22.46	20.66	0.116
				3	1	22.43	20.63	0.116
				3	3	22.45	20.65	0.116
				6	0	21.49	19.69	0.093
16QAM	1850.7	18607		1	0	21.87	20.07	0.102
				1	3	21.74	19.94	0.099
				1	5	21.83	20.03	0.101
				3	0	21.73	19.93	0.098
				3	1	21.75	19.95	0.099
				3	3	21.73	19.93	0.098
				6	0	20.58	18.78	0.076
	1880	18900		1	0	21.30	19.50	0.089
				1	3	21.34	19.54	0.090
				1	5	21.44	19.64	0.092
				3	0	21.66	19.86	0.097
				3	1	21.69	19.89	0.097
				3	3	21.60	19.80	0.095
				6	0	20.27	18.47	0.070
	1909.3	19193		1	0	21.59	19.79	0.095
				1	3	21.60	19.80	0.095
				1	5	21.73	19.93	0.098
				3	0	21.42	19.62	0.092
				3	1	21.57	19.77	0.095
				3	3	21.50	19.70	0.093
				6	0	20.56	18.76	0.075

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1850.7	18607	1.4	1	0	20.58	18.78	0.076
				1	3	20.51	18.71	0.074
				1	5	20.54	18.74	0.075
				3	0	20.54	18.74	0.075
				3	1	20.47	18.67	0.074
				3	3	20.59	18.79	0.076
				6	0	19.52	17.72	0.059
	1880	18900		1	0	20.33	18.53	0.071
				1	3	20.53	18.73	0.075
				1	5	20.30	18.50	0.071
				3	0	20.26	18.46	0.070
				3	1	20.32	18.52	0.071
				3	3	20.36	18.56	0.072
				6	0	19.36	17.56	0.057
	1909.3	19193		1	0	20.66	18.86	0.077
				1	3	20.67	18.87	0.077
				1	5	20.57	18.77	0.075
				3	0	20.57	18.77	0.075
				3	1	20.58	18.78	0.076
				3	3	20.64	18.84	0.077
				6	0	19.42	17.62	0.058

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	22.31	20.51	0.112
				1	8	22.36	20.56	0.114
				1	14	22.32	20.52	0.113
				8	0	21.50	19.70	0.093
				8	4	21.48	19.68	0.093
				8	7	21.45	19.65	0.092
				15	0	20.48	18.68	0.074
	1880	18900		1	0	22.21	20.41	0.110
				1	8	22.35	20.55	0.114
				1	14	22.35	20.55	0.114
				8	0	21.38	19.58	0.091
				8	4	21.45	19.65	0.092
				8	7	21.44	19.64	0.092
				15	0	20.44	18.64	0.073
	1908.5	19185		1	0	22.43	20.63	0.116
				1	8	22.49	20.69	0.117
				1	14	22.55	20.75	0.119
				8	0	21.60	19.80	0.095
				8	4	21.64	19.84	0.096
				8	7	21.54	19.74	0.094
				15	0	20.37	18.57	0.072
16QAM	1851.5	18615		1	0	22.35	20.55	0.114
				1	8	22.13	20.33	0.108
				1	14	22.19	20.39	0.109
				8	0	20.88	19.08	0.081
				8	4	20.91	19.11	0.081
				8	7	20.91	19.11	0.081
				15	0	20.03	18.23	0.067
	1880	18900		1	0	21.51	19.71	0.094
				1	8	21.57	19.77	0.095
				1	14	21.67	19.87	0.097
				8	0	20.24	18.44	0.070
				8	4	20.36	18.56	0.072
				8	7	20.24	18.44	0.070
				15	0	19.35	17.55	0.057
	1908.5	19185		1	0	21.44	19.64	0.092
				1	8	21.82	20.02	0.100
				1	14	21.75	19.95	0.099
				8	0	20.62	18.82	0.076
				8	4	20.72	18.92	0.078
				8	7	20.71	18.91	0.078
				15	0	19.82	18.02	0.063

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1851.5	18615	3	1	0	20.75	18.95	0.079
				1	8	20.91	19.11	0.081
				1	14	20.81	19.01	0.080
				8	0	19.84	18.04	0.064
				8	4	19.83	18.03	0.064
				8	7	19.83	18.03	0.064
				15	0	19.32	17.52	0.056
	1880	18900		1	0	20.42	18.62	0.073
				1	8	20.29	18.49	0.071
				1	14	20.32	18.52	0.071
				8	0	19.39	17.59	0.057
				8	4	19.43	17.63	0.058
				8	7	19.33	17.53	0.057
				15	0	19.33	17.53	0.057
	1908.5	19185		1	0	20.73	18.93	0.078
				1	8	20.66	18.86	0.077
				1	14	20.69	18.89	0.077
				8	0	19.73	17.93	0.062
				8	4	19.66	17.86	0.061
				8	7	19.70	17.90	0.062
				15	0	19.45	17.65	0.058

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	22.35	20.55	0.114
				1	12	22.37	20.57	0.114
				1	24	22.4	20.60	0.115
				12	0	21.32	19.52	0.090
				12	7	21.35	19.55	0.090
				12	13	21.39	19.59	0.091
				25	0	20.56	18.76	0.075
	1880	18900		1	0	22.29	20.49	0.112
				1	12	22.24	20.44	0.111
				1	24	22.36	20.56	0.114
				12	0	21.33	19.53	0.090
				12	7	21.38	19.58	0.091
				12	13	21.42	19.62	0.092
				25	0	20.51	18.71	0.074
	1907.5	19175		1	0	22.44	20.64	0.116
				1	12	22.49	20.69	0.117
				1	24	22.55	20.75	0.119
				12	0	21.54	19.74	0.094
				12	7	21.61	19.81	0.096
				12	13	21.64	19.84	0.096
				25	0	20.78	18.98	0.079
16QAM	1852.5	18625		1	0	21.53	19.73	0.094
				1	12	21.81	20.01	0.100
				1	24	21.72	19.92	0.098
				12	0	20.79	18.99	0.079
				12	7	20.73	18.93	0.078
				12	13	20.72	18.92	0.078
				25	0	19.87	18.07	0.064
	1880	18900		1	0	21.73	19.93	0.098
				1	12	21.67	19.87	0.097
				1	24	21.61	19.81	0.096
				12	0	20.39	18.59	0.072
				12	7	20.54	18.74	0.075
				12	13	20.51	18.71	0.074
				25	0	19.56	17.76	0.060
	1907.5	19175		1	0	21.66	19.86	0.097
				1	12	21.82	20.02	0.100
				1	24	21.79	19.99	0.100
				12	0	20.53	18.73	0.075
				12	7	20.69	18.89	0.077
				12	13	20.63	18.83	0.076
				25	0	19.63	17.83	0.061

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1852.5	18625	5	1	0	20.81	19.01	0.080
				1	12	20.84	19.04	0.080
				1	24	20.73	18.93	0.078
				12	0	19.76	17.96	0.063
				12	7	19.72	17.92	0.062
				12	13	19.77	17.97	0.063
				25	0	19.56	17.76	0.060
	1880	18900		1	0	20.41	18.61	0.073
				1	12	20.42	18.62	0.073
				1	24	20.35	18.55	0.072
				12	0	19.42	17.62	0.058
				12	7	19.35	17.55	0.057
				12	13	19.44	17.64	0.058
				25	0	19.78	17.98	0.063
	1907.5	19175		1	0	20.59	18.79	0.076
				1	12	20.53	18.73	0.075
				1	24	20.65	18.85	0.077
				12	0	19.61	17.81	0.060
				12	7	19.66	17.86	0.061
				12	13	19.66	17.86	0.061
				25	0	19.87	18.07	0.064

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1855	18650	10	1	0	22.45	20.65	0.116
				1	25	22.38	20.58	0.114
				1	49	22.42	20.62	0.115
				25	0	21.37	19.57	0.091
				25	12	21.35	19.55	0.090
				25	25	21.37	19.57	0.091
				50	0	20.44	18.64	0.073
	1880	18900		1	0	22.41	20.61	0.115
				1	25	22.39	20.59	0.115
				1	49	22.48	20.68	0.117
				25	0	21.37	19.57	0.091
				25	12	21.46	19.66	0.092
				25	25	21.43	19.63	0.092
				50	0	20.37	18.57	0.072
	1905	19150		1	0	22.35	20.55	0.114
				1	25	22.48	20.68	0.117
				1	49	22.60	20.80	0.120
				25	0	21.48	19.68	0.093
				25	12	21.71	19.91	0.098
				25	25	21.65	19.85	0.097
				50	0	20.87	19.07	0.081
16QAM	1855	18650		1	0	22.41	20.61	0.115
				1	25	22.05	20.25	0.106
				1	49	22.17	20.37	0.109
				25	0	20.80	19.00	0.079
				25	12	20.79	18.99	0.079
				25	25	20.80	19.00	0.079
				50	0	19.98	18.18	0.066
	1880	18900		1	0	21.58	19.78	0.095
				1	25	21.62	19.82	0.096
				1	49	21.49	19.69	0.093
				25	0	20.38	18.58	0.072
				25	12	20.51	18.71	0.074
				25	25	20.51	18.71	0.074
				50	0	19.64	17.84	0.061
	1905	19150		1	0	21.60	19.80	0.095
				1	25	21.70	19.90	0.098
				1	49	21.74	19.94	0.099
				25	0	20.59	18.79	0.076
				25	12	20.80	19.00	0.079
				25	25	20.80	19.00	0.079
				50	0	19.97	18.17	0.066

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1855	18650	10	1	0	20.74	18.94	0.078
				1	25	20.74	18.94	0.078
				1	49	20.74	18.94	0.078
				25	0	19.79	17.99	0.063
				25	12	19.67	17.87	0.061
				25	25	19.74	17.94	0.062
				50	0	19.87	18.07	0.064
	1880	18900		1	0	20.48	18.68	0.074
				1	25	20.49	18.69	0.074
				1	49	20.49	18.69	0.074
				25	0	19.47	17.67	0.058
				25	12	19.49	17.69	0.059
				25	25	19.49	17.69	0.059
				50	0	19.57	17.77	0.060
	1905	19150		1	0	20.60	18.80	0.076
				1	25	20.57	18.77	0.075
				1	49	20.55	18.75	0.075
				25	0	19.59	17.79	0.060
				25	12	19.61	17.81	0.060
				25	25	19.65	17.85	0.061
				50	0	19.87	18.07	0.064

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	18675	15	1	0	22.42	20.62	0.115
				1	37	22.41	20.61	0.115
				1	74	22.39	20.59	0.115
				36	0	21.41	19.61	0.091
				36	29	21.37	19.57	0.091
				36	30	21.37	19.57	0.091
				75	0	20.57	18.77	0.075
	1880	18900		1	0	22.46	20.66	0.116
				1	37	22.42	20.62	0.115
				1	74	22.36	20.56	0.114
				36	0	21.42	19.62	0.092
				36	29	21.44	19.64	0.092
				36	30	21.48	19.68	0.093
				75	0	20.56	18.76	0.075
	1902.5	19125		1	0	22.37	20.57	0.114
				1	37	22.54	20.74	0.119
				1	74	22.46	20.66	0.116
				36	0	21.45	19.65	0.092
				36	29	21.66	19.86	0.097
				36	30	21.63	19.83	0.096
				75	0	20.78	18.98	0.079
16QAM	1857.5	18675		1	0	22.26	20.46	0.111
				1	37	22.05	20.25	0.106
				1	74	22.11	20.31	0.107
				36	0	20.73	18.93	0.078
				36	29	20.69	18.89	0.077
				36	30	20.65	18.85	0.077
				75	0	19.78	17.98	0.063
	1880	18900		1	0	21.57	19.77	0.095
				1	37	21.57	19.77	0.095
				1	74	21.54	19.74	0.094
				36	0	20.37	18.57	0.072
				36	29	20.51	18.71	0.074
				36	30	20.51	18.71	0.074
				75	0	19.56	17.76	0.060
	1902.5	19125		1	0	21.91	20.11	0.103
				1	37	22.11	20.31	0.107
				1	74	21.98	20.18	0.104
				36	0	20.47	18.67	0.074
				36	29	20.68	18.88	0.077
				36	30	20.66	18.86	0.077
				75	0	19.78	17.98	0.063

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1857.5	18675	15	1	0	20.72	18.92	0.078
				1	37	20.72	18.92	0.078
				1	74	20.71	18.91	0.078
				36	0	19.71	17.91	0.062
				36	29	19.71	17.91	0.062
				36	30	19.71	17.91	0.062
				75	0	19.87	18.07	0.064
	1880	18900		1	0	20.46	18.66	0.073
				1	37	20.46	18.66	0.073
				1	74	20.46	18.66	0.073
				36	0	19.51	17.71	0.059
				36	29	19.46	17.66	0.058
				36	30	19.46	17.66	0.058
				75	0	19.65	17.85	0.061
	1902.5	19125		1	0	20.46	18.66	0.073
				1	37	20.51	18.71	0.074
				1	74	20.52	18.72	0.074
				36	0	19.43	17.63	0.058
				36	29	19.52	17.72	0.059
				36	30	19.46	17.66	0.058
				75	0	19.63	17.83	0.061

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	22.45	20.65	0.116
				1	49	22.43	20.63	0.116
				1	99	22.44	20.64	0.116
				50	0	21.38	19.58	0.091
				50	24	21.42	19.62	0.092
				50	50	21.39	19.59	0.091
				100	0	20.67	18.87	0.077
	1880	18900		1	0	22.48	20.68	0.117
				1	49	22.41	20.61	0.115
				1	99	22.32	20.52	0.113
				50	0	21.37	19.57	0.091
				50	24	21.45	19.65	0.092
				50	50	21.45	19.65	0.092
				100	0	20.65	18.85	0.077
	1900	19100		1	0	22.47	20.67	0.117
				1	49	22.55	20.75	0.119
				1	99	22.45	20.65	0.116
				50	0	21.53	19.73	0.094
				50	24	21.65	19.85	0.097
				50	50	21.66	19.86	0.097
				100	0	20.78	18.98	0.079
16QAM	1860	18700		1	0	22.15	20.35	0.108
				1	49	21.63	19.83	0.096
				1	99	21.77	19.97	0.099
				50	0	20.67	18.87	0.077
				50	24	20.56	18.76	0.075
				50	50	20.55	18.75	0.075
				100	0	19.87	18.07	0.064
	1880	18900		1	0	21.69	19.89	0.097
				1	49	21.66	19.86	0.097
				1	99	21.63	19.83	0.096
				50	0	20.39	18.59	0.072
				50	24	20.37	18.57	0.072
				50	50	20.43	18.63	0.073
				100	0	19.62	17.82	0.061
	1900	19100		1	0	21.85	20.05	0.101
				1	49	22.14	20.34	0.108
				1	99	22.23	20.43	0.110
				50	0	20.54	18.74	0.075
				50	24	20.68	18.88	0.077
				50	50	20.65	18.85	0.077
				100	0	19.87	18.07	0.064

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1860	18700	20	1	0	20.68	18.88	0.077
				1	49	20.67	18.87	0.077
				1	99	20.67	18.87	0.077
				50	0	19.67	17.87	0.061
				50	24	19.67	17.87	0.061
				50	50	19.67	17.87	0.061
				100	0	19.87	18.07	0.064
	1880	18900		1	0	20.45	18.65	0.073
				1	49	20.48	18.68	0.074
				1	99	20.47	18.67	0.074
				50	0	19.51	17.71	0.059
				50	24	19.45	17.65	0.058
				50	50	19.52	17.72	0.059
				100	0	19.62	17.82	0.061
	1900	19100		1	0	20.55	18.75	0.075
				1	49	20.52	18.72	0.074
				1	99	20.55	18.75	0.075
				50	0	19.58	17.78	0.060
				50	24	19.56	17.76	0.060
				50	50	19.55	17.75	0.060
				100	0	19.87	18.07	0.064