

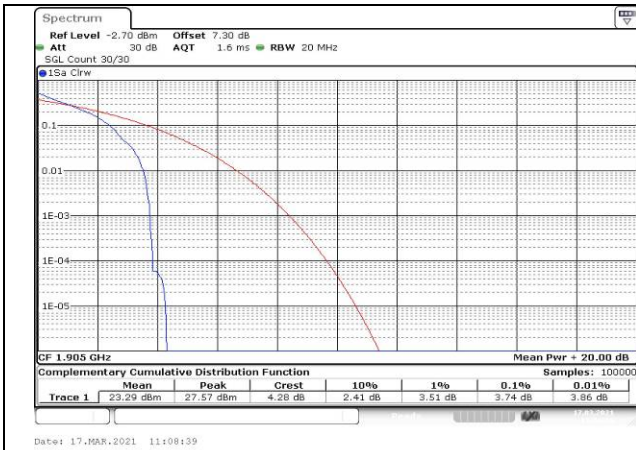


Fig.67

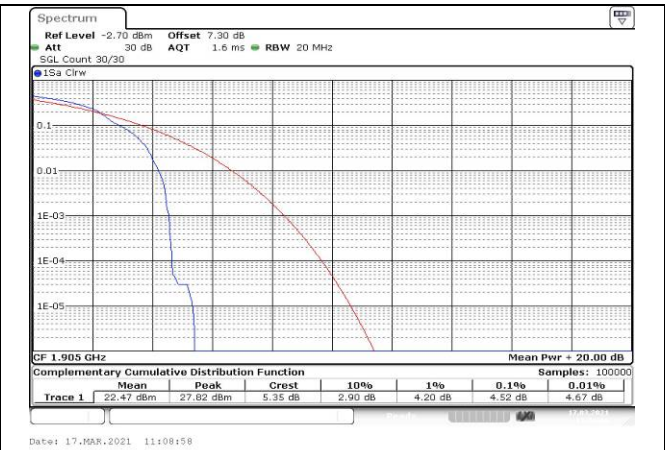


Fig.68

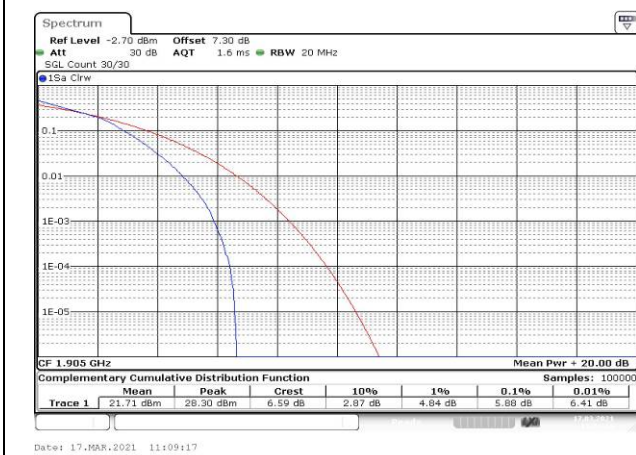


Fig.69

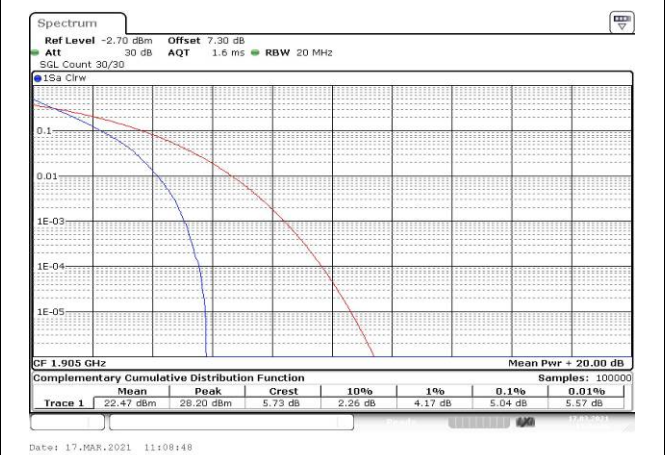


Fig.70

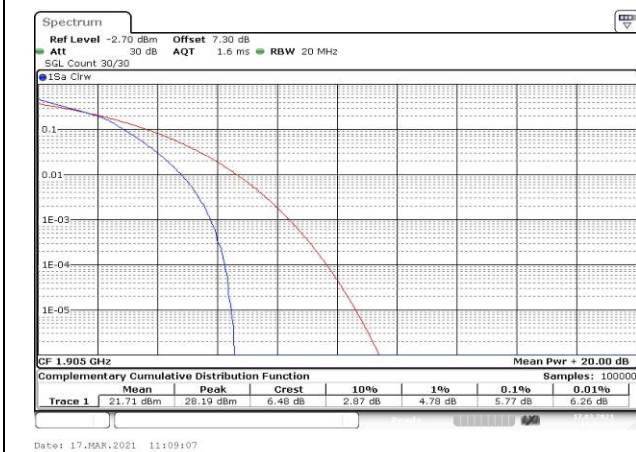


Fig.71

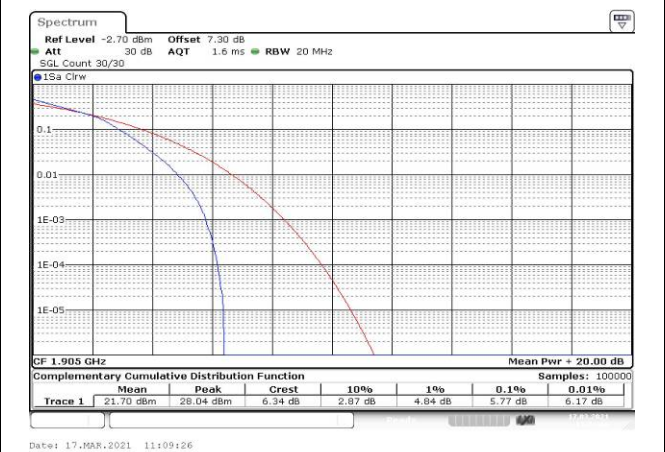


Fig.72

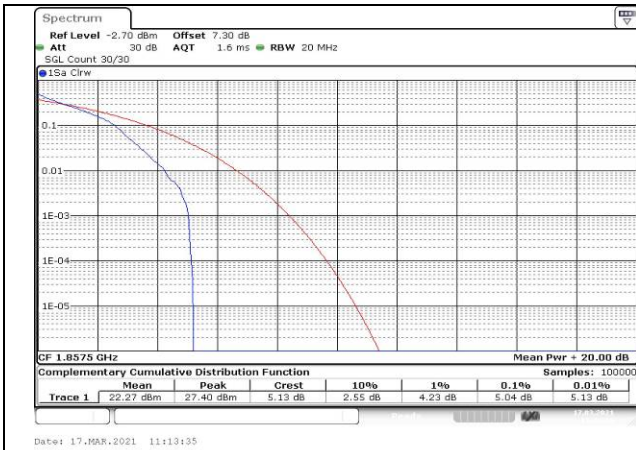


Fig.73

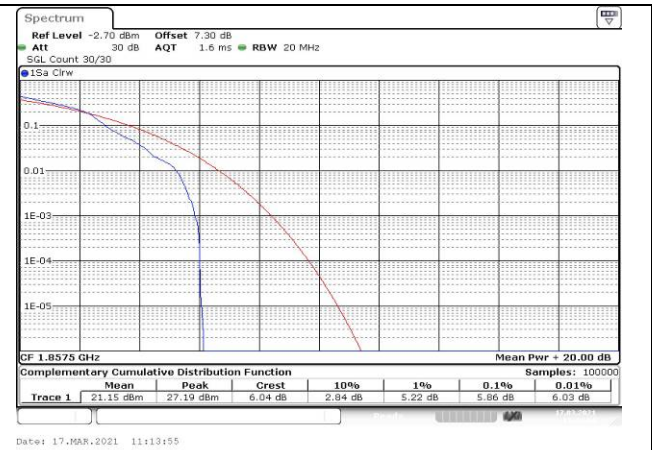


Fig.74

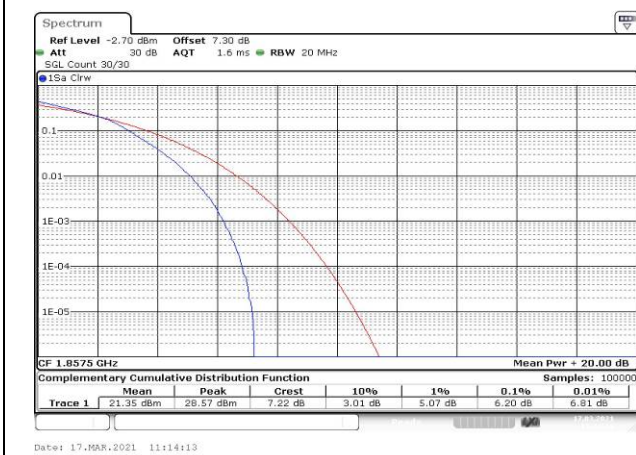


Fig.75

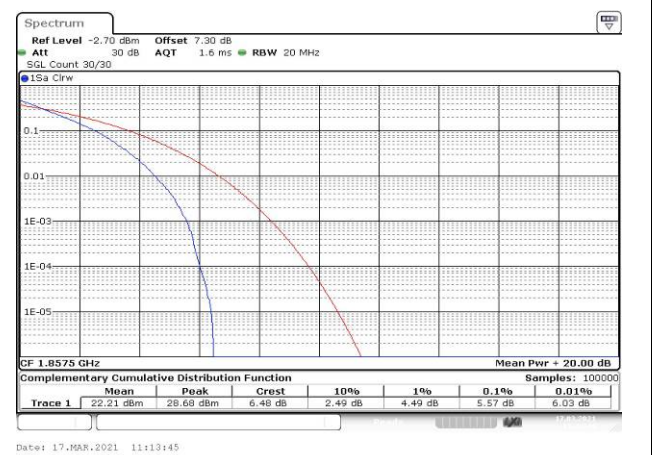


Fig.76

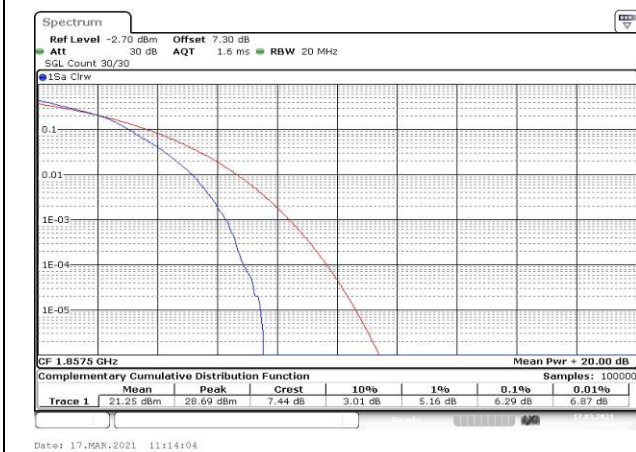


Fig.77

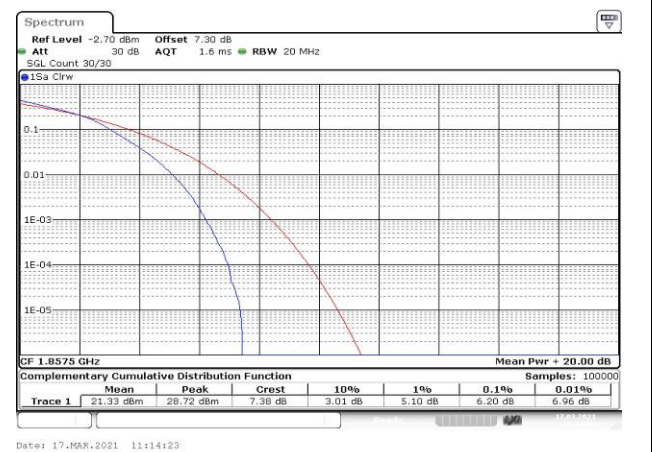


Fig.78

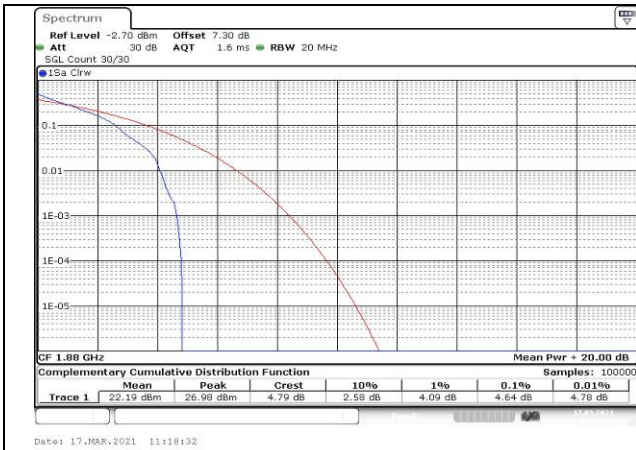


Fig.79

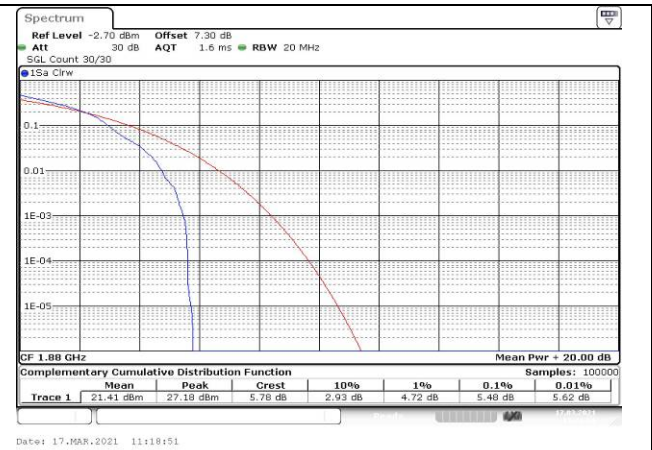


Fig.80

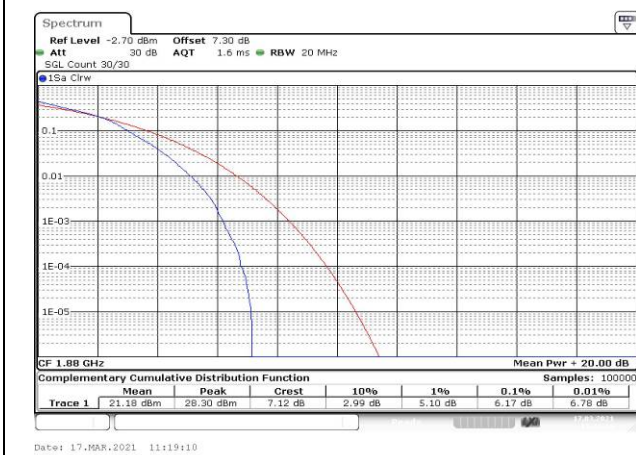


Fig.81

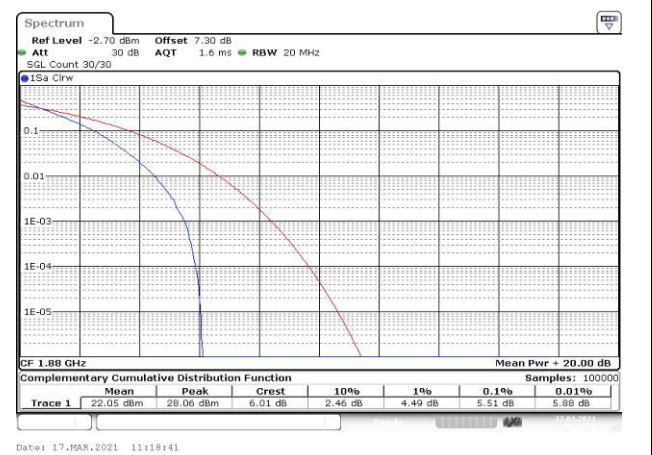


Fig.82

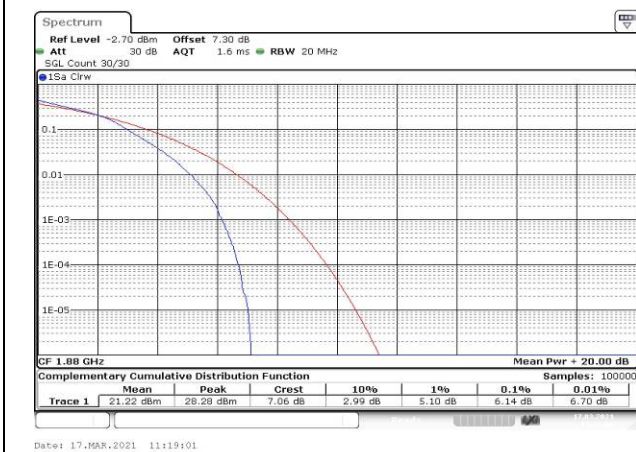


Fig.83

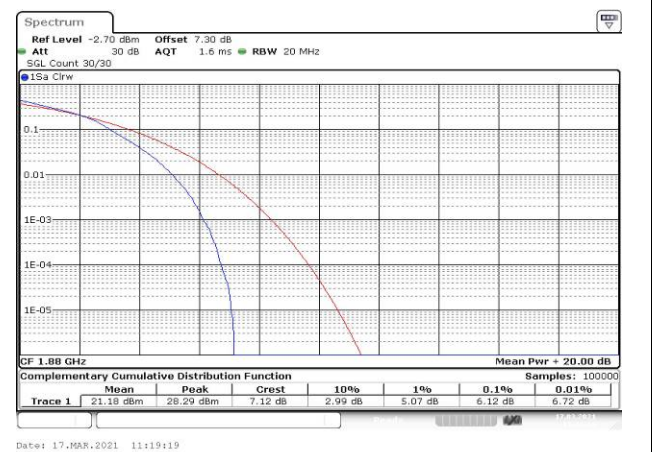


Fig.84

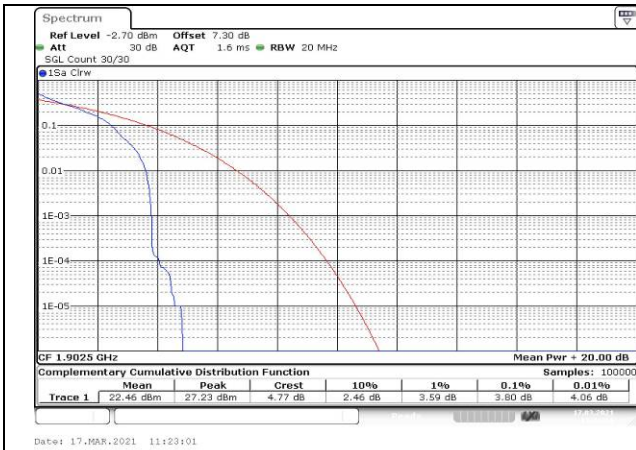


Fig.85

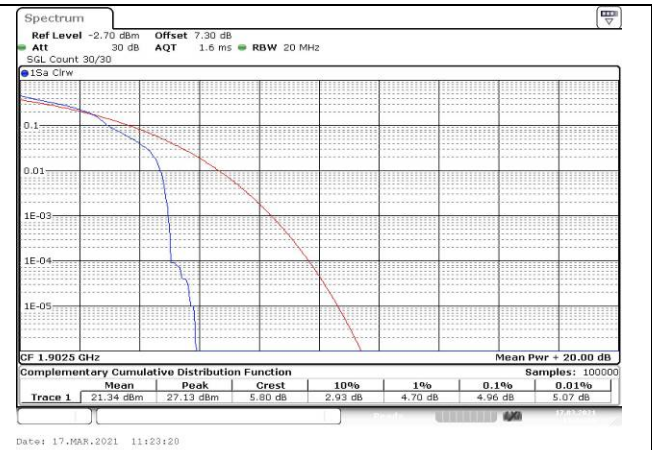


Fig.86

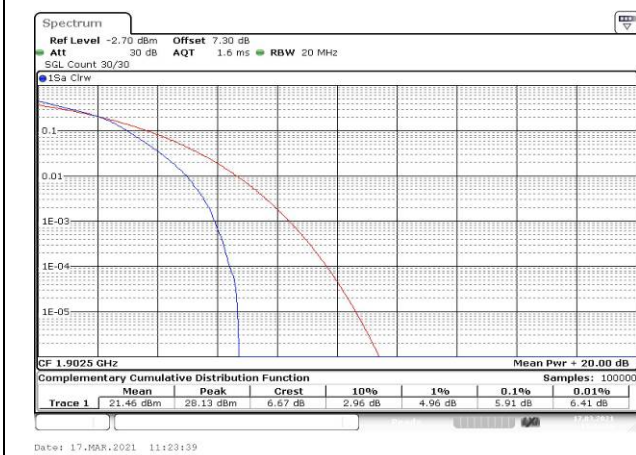


Fig.87

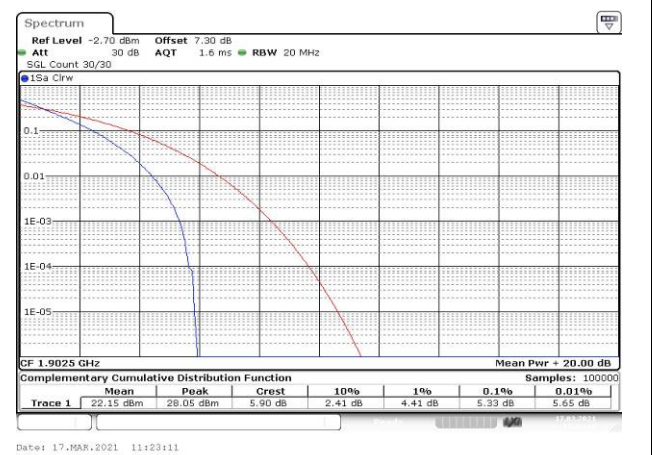


Fig.88

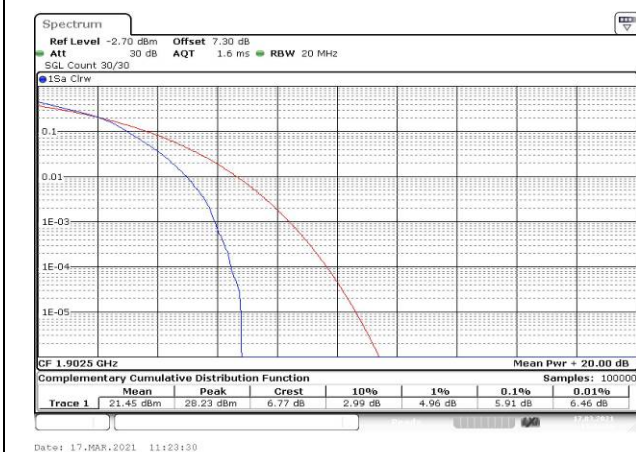


Fig.89

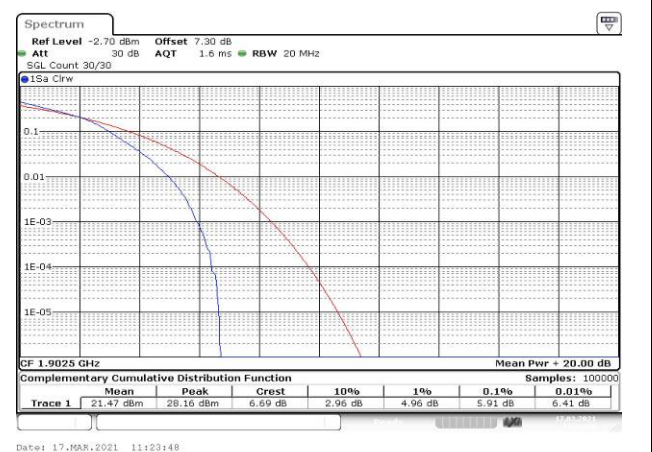


Fig.90

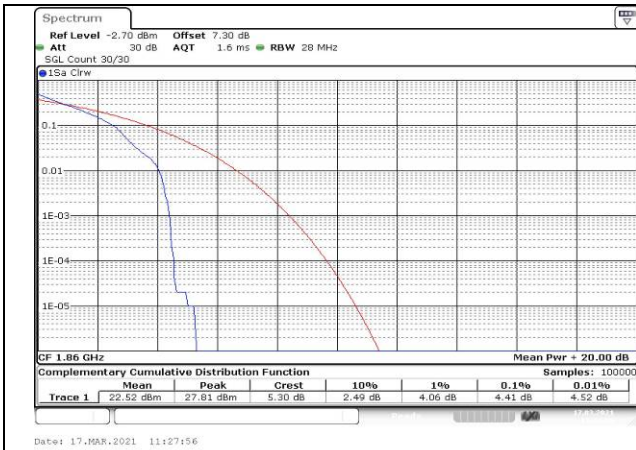


Fig.91

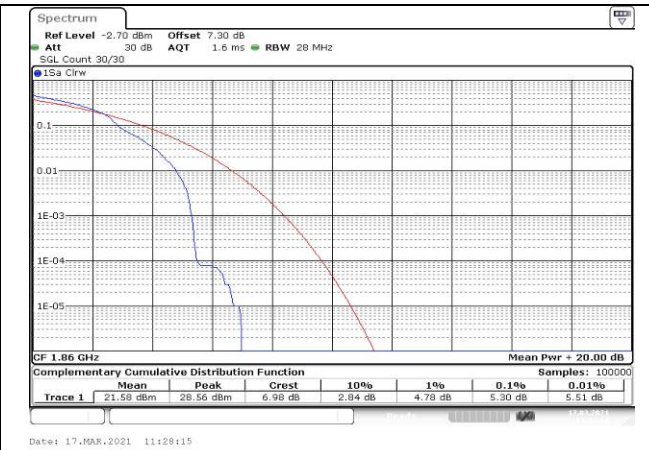


Fig.92

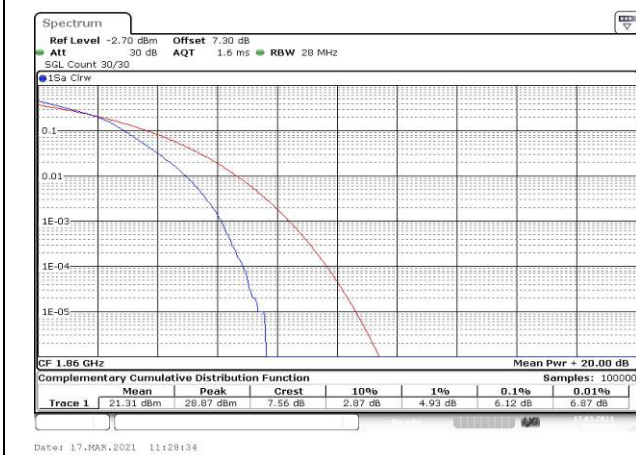


Fig.93

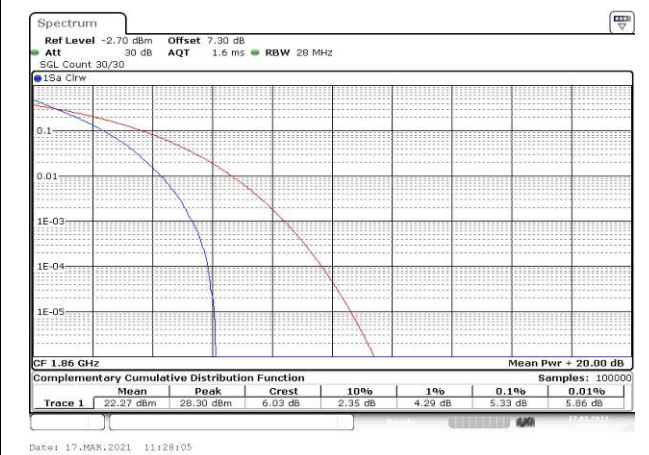


Fig.94

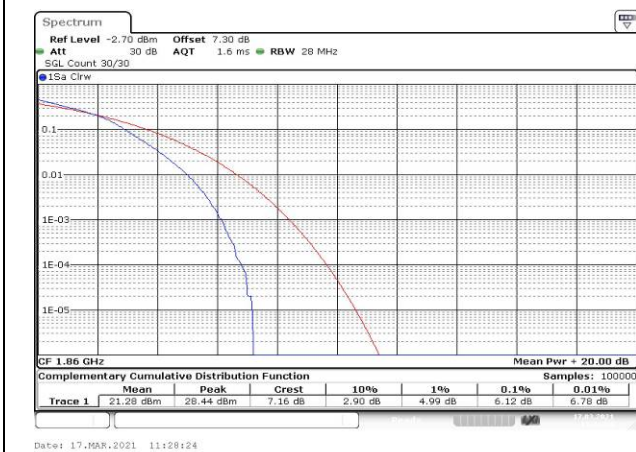


Fig.95

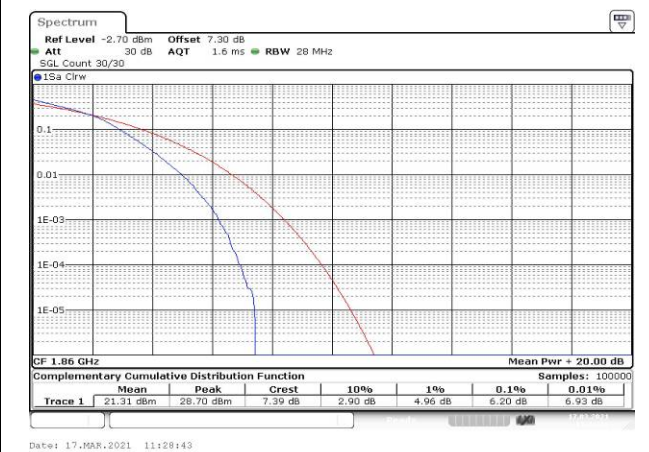


Fig.96

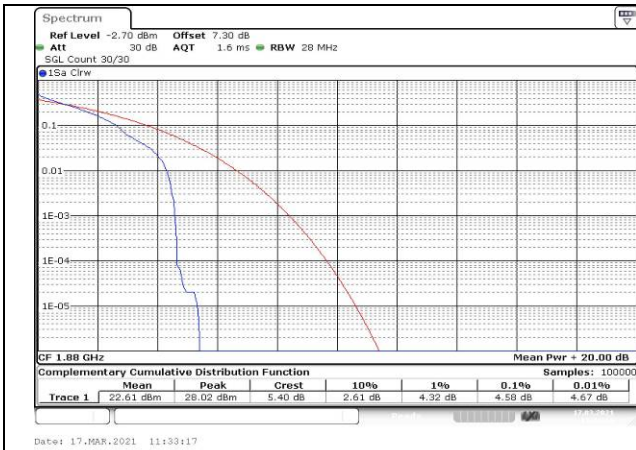


Fig.97



Fig.98

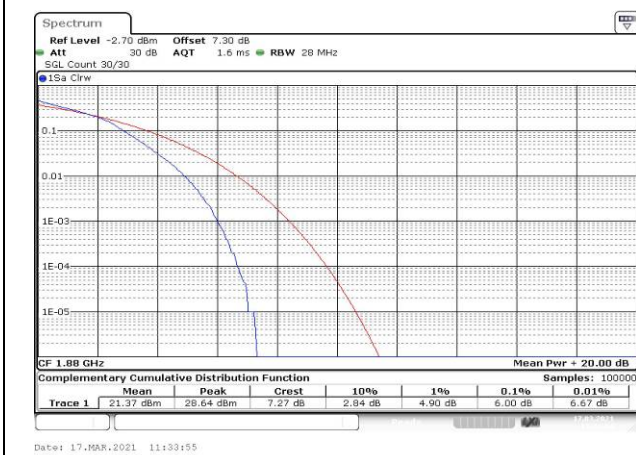


Fig.99

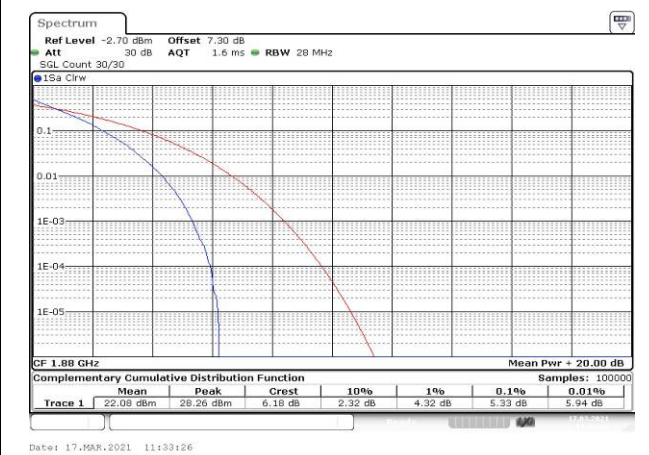


Fig.100

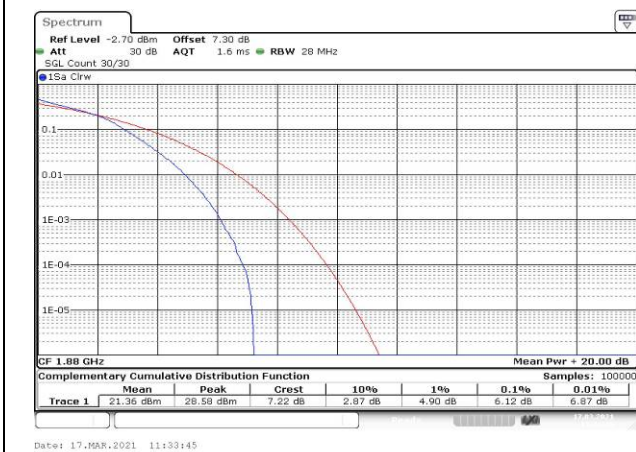


Fig.101

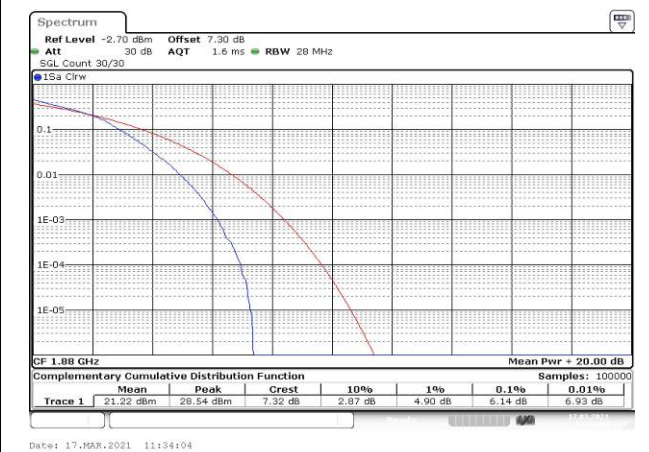


Fig.102

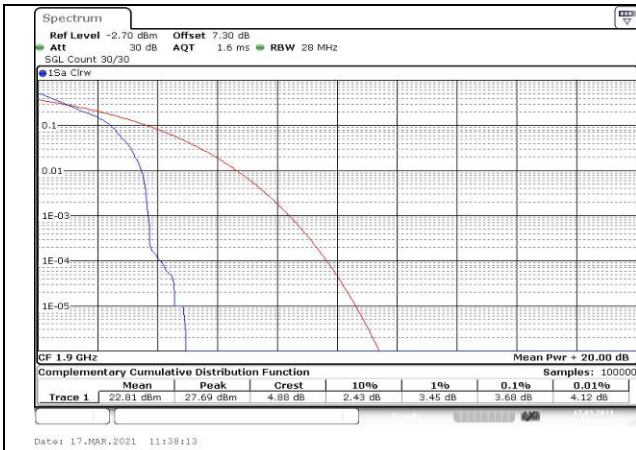


Fig.103

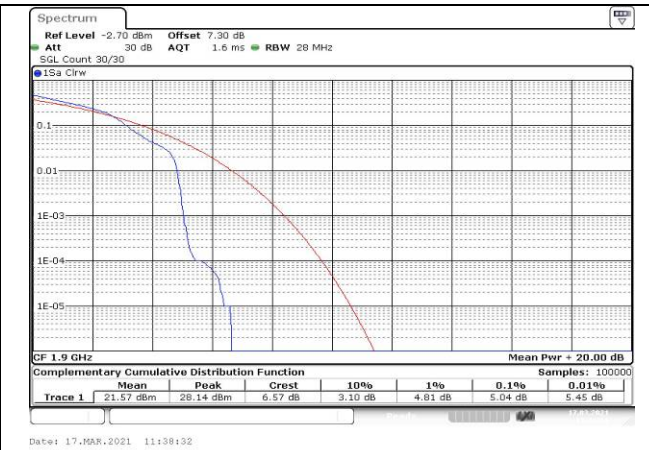


Fig.104

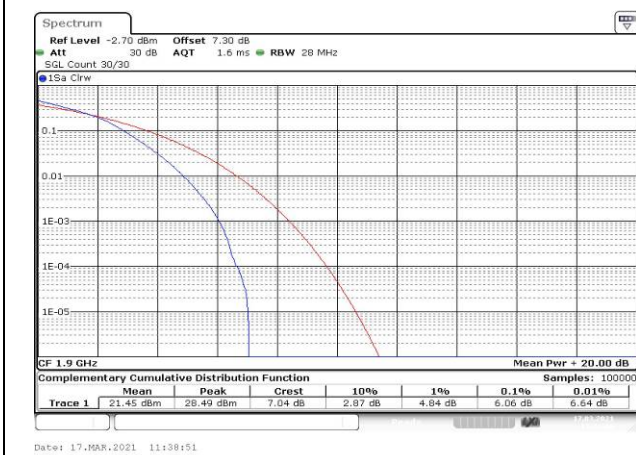


Fig.105

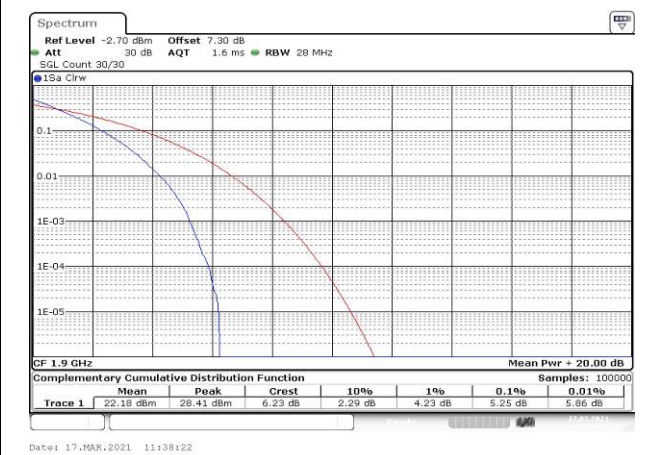


Fig.106

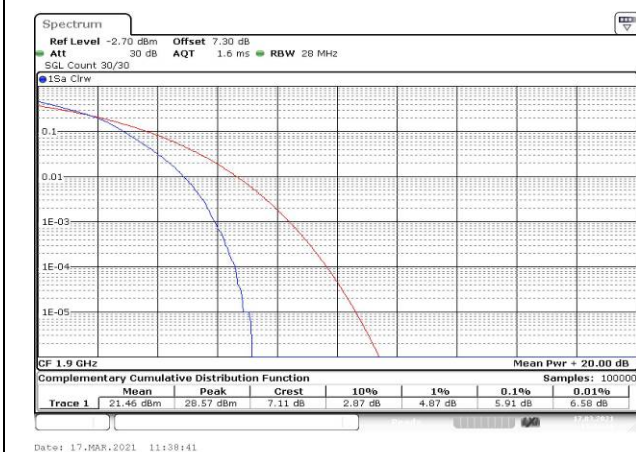


Fig.107

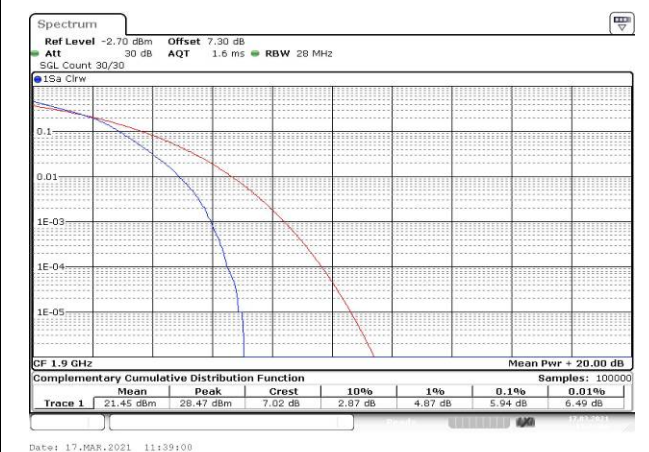


Fig.108

5 Spurious Emissions at antenna terminal

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

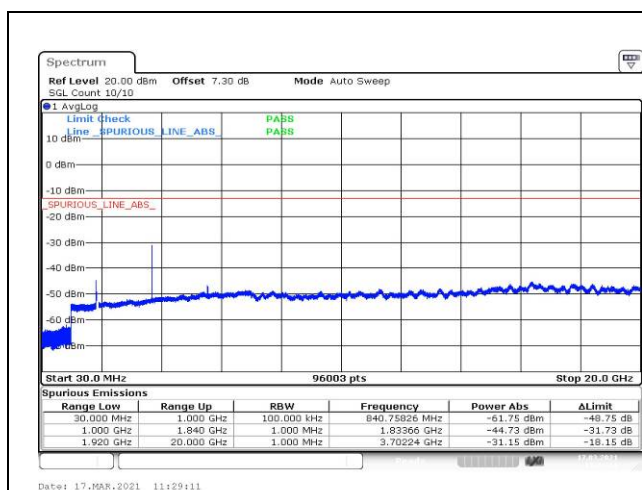


Fig.1

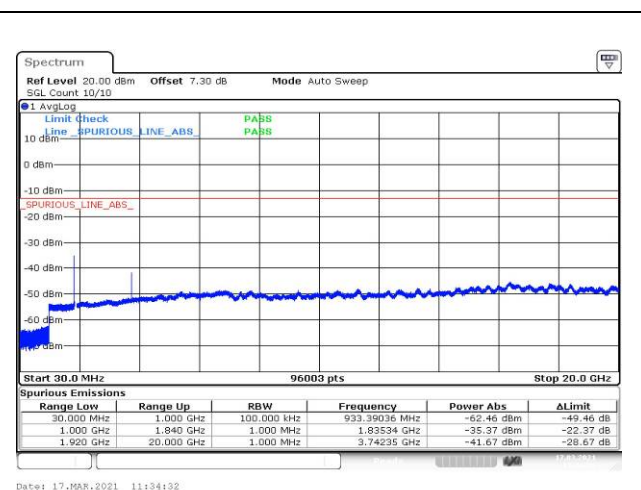


Fig.2

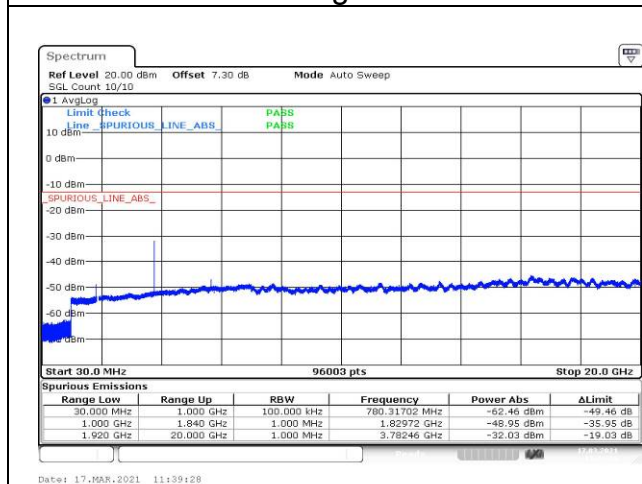
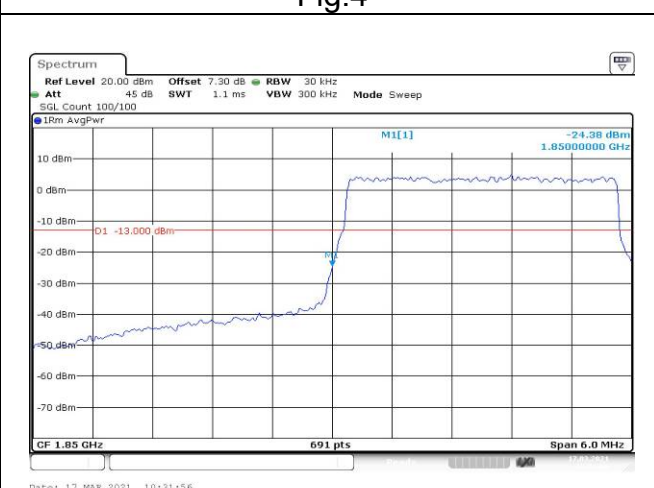
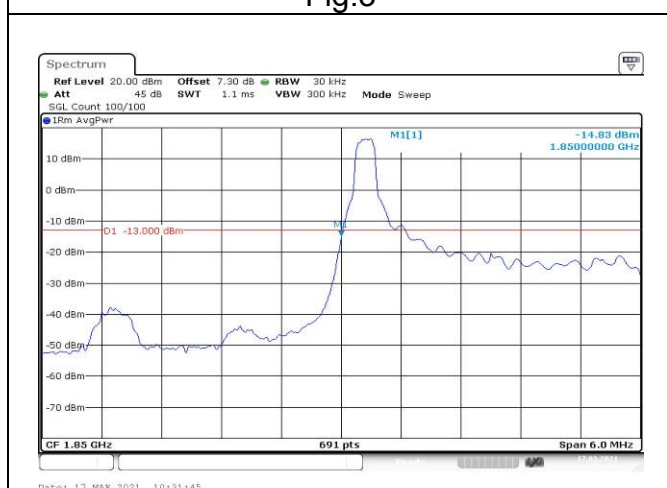
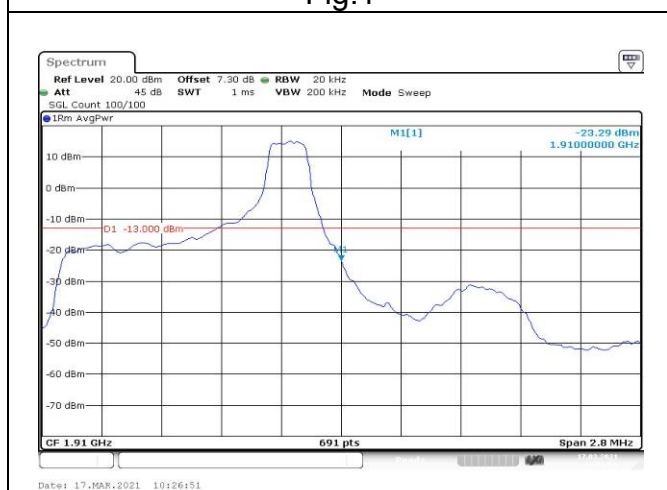
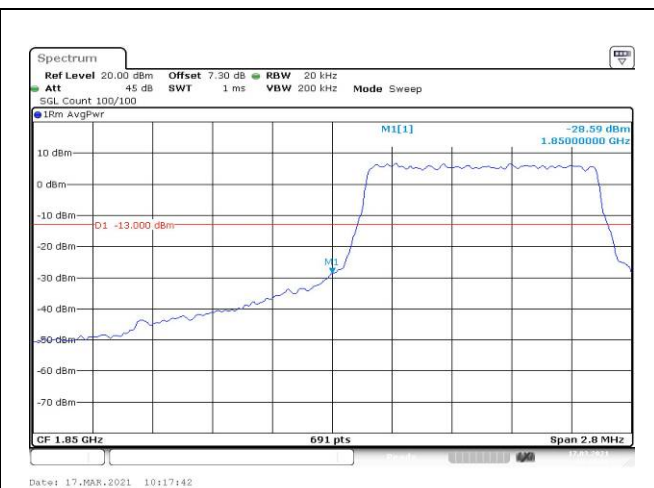
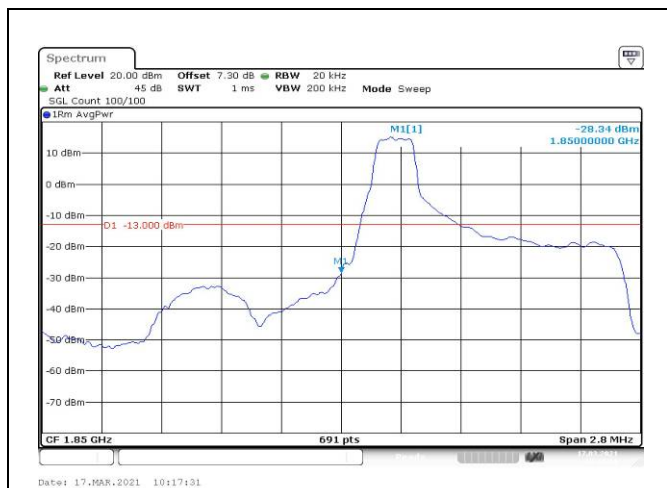


Fig.3

6 Band Edges Compliance

Band 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



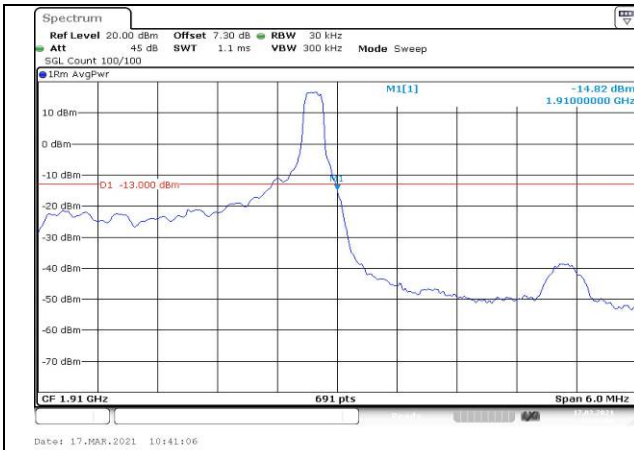


Fig.7



Fig.8



Fig.9

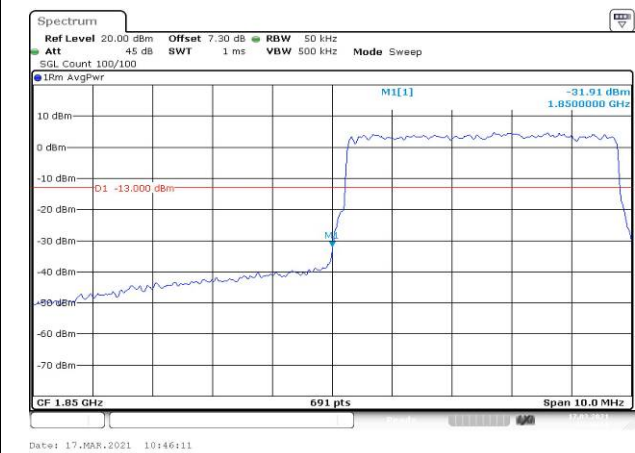


Fig.10

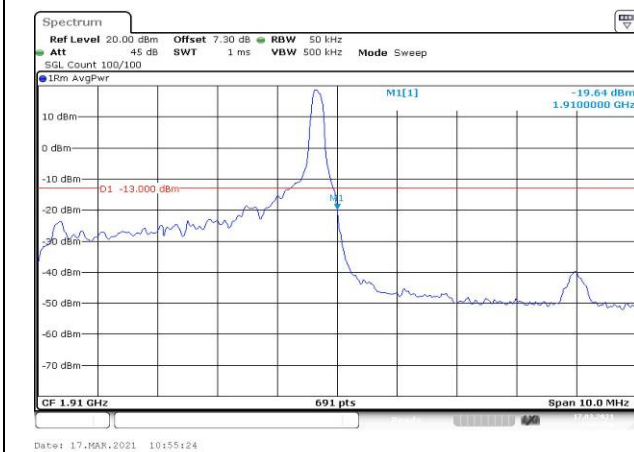


Fig.11

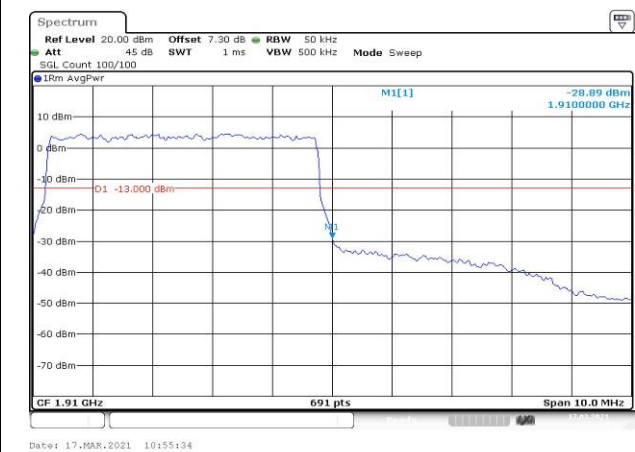


Fig.12

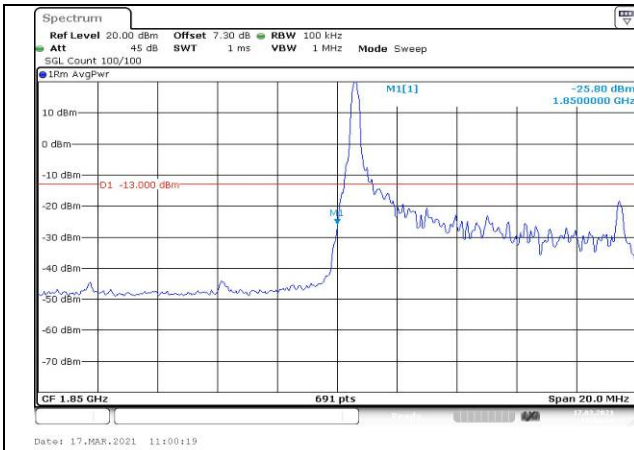


Fig.13



Fig.14

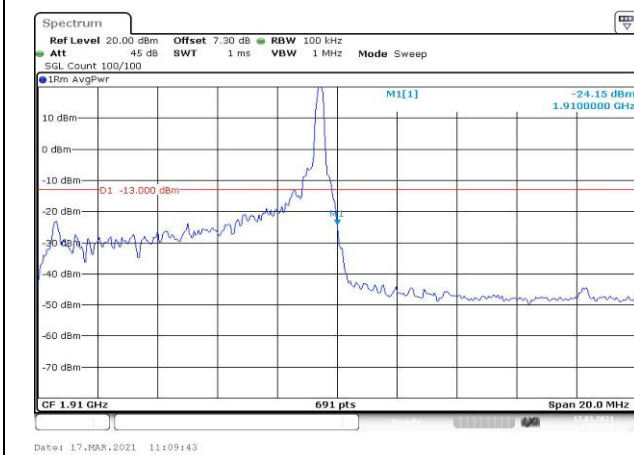


Fig.15

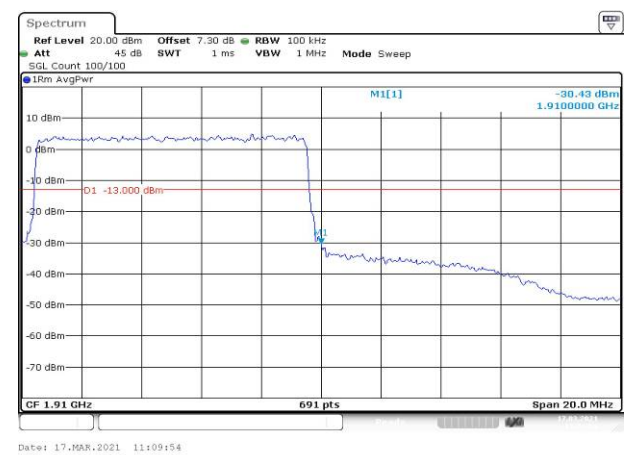


Fig.16

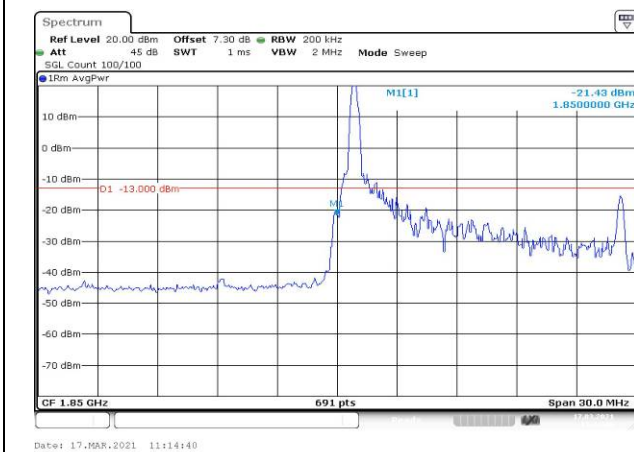


Fig.17

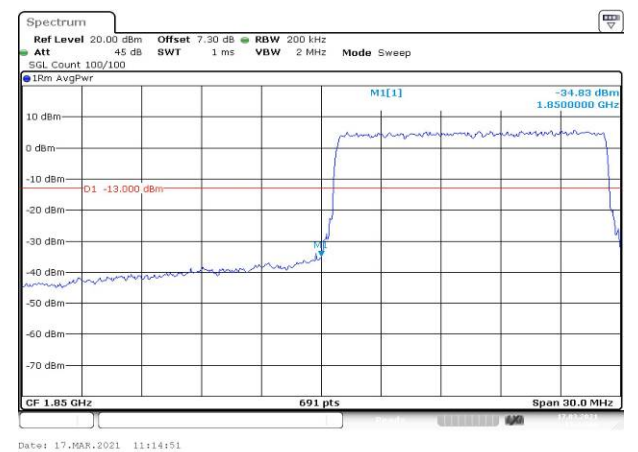


Fig.18

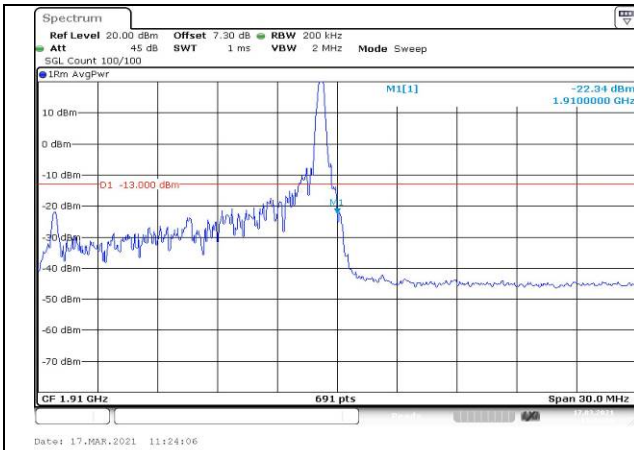


Fig.19



Fig.20

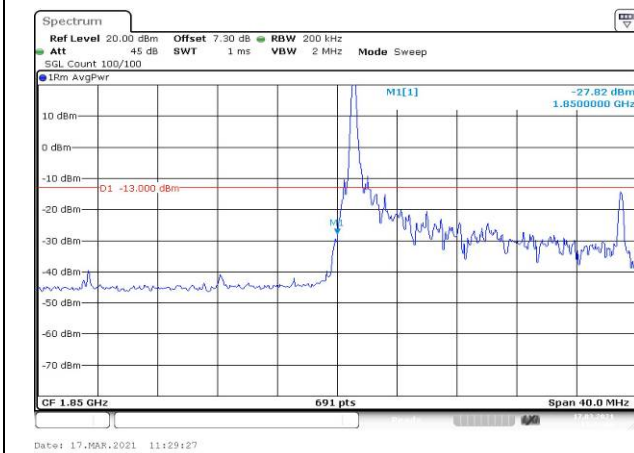


Fig.21

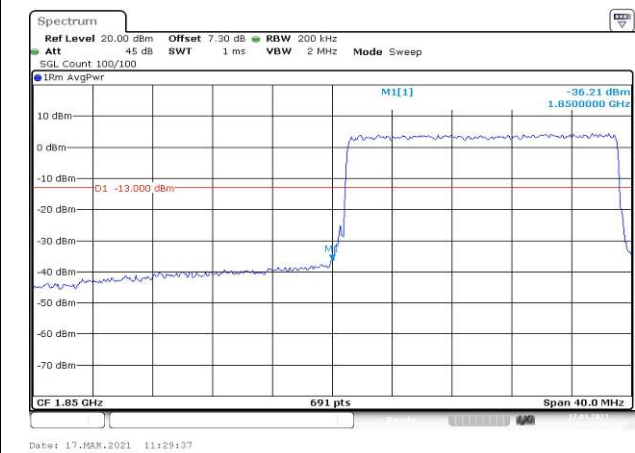


Fig.22

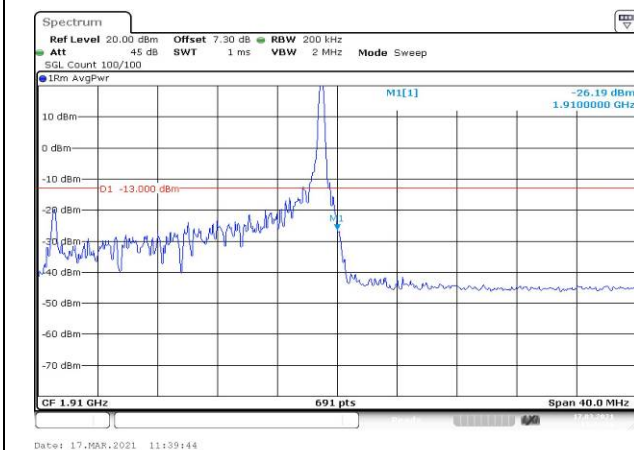


Fig.23

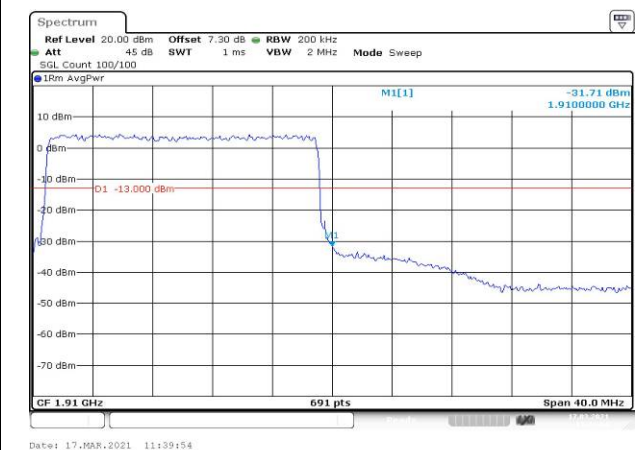


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.013	0.015	-0.001	0.004	0.014	0.005
0	NV	-0.005	0.004	-0.001	-0.005	0.006	0.008
+10	NV	-0.016	0.000	-0.025	0.001	-0.010	-0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.011	0.005	0.014	-0.001	0.010	-0.011
+40	NV	0.004	-0.022	-0.002	-0.006	0.004	-0.001
+50	NV	0.016	-0.014	0.002	-0.001	0.017	-0.018
+55	NV	0.013	-0.011	0.005	-0.008	0.004	-0.012
+20	LV	0.003	0.020	-0.015	0.012	0.001	-0.010
+20	HV	0.025	0.005	-0.017	-0.002	-0.012	-0.003

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.002	-0.003	0.007	-0.023	-0.013	-0.006
0	NV	0.019	-0.017	-0.007	0.000	0.000	0.009
+10	NV	0.018	-0.016	0.001	-0.005	0.018	-0.003
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.011	-0.019	0.012	-0.013	0.019	-0.020
+40	NV	-0.007	0.001	0.001	-0.005	0.001	0.007
+50	NV	0.001	0.019	0.019	0.020	-0.002	0.006
+55	NV	0.005	0.013	0.012	0.010	-0.009	0.009
+20	LV	-0.015	0.012	-0.025	0.013	-0.003	-0.019
+20	HV	-0.002	0.005	-0.005	0.019	0.000	0.019

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency	UL Channel	BW	RB Size	RB Offset	Conducted power	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1850.7	18607	1.4	1	0	23.99	22.09	0.162
				1	3	23.94	22.04	0.160
				1	5	24.02	22.12	0.163
				3	0	24.03	22.13	0.163
				3	1	24.01	22.11	0.163
				3	3	24.09	22.19	0.166
				6	0	23.07	21.17	0.131
	1880	18900		1	0	23.93	22.03	0.160
				1	3	23.92	22.02	0.159
				1	5	23.91	22.01	0.159
				3	0	24.02	22.12	0.163
				3	1	24.02	22.12	0.163
				3	3	24.01	22.11	0.163
				6	0	23.01	21.11	0.129
	1909.3	19193		1	0	24.16	22.26	0.168
				1	3	24.20	22.30	0.170
				1	5	24.18	22.28	0.169
				3	0	24.24	22.34	0.171
				3	1	24.16	22.26	0.168
				3	3	24.15	22.25	0.168
				6	0	23.12	21.22	0.132
16QAM	1850.7	18607		1	0	23.35	21.45	0.140
				1	3	23.22	21.32	0.136
				1	5	23.74	21.84	0.153
				3	0	23.00	21.10	0.129
				3	1	23.01	21.11	0.129
				3	3	23.27	21.37	0.137
				6	0	22.32	20.42	0.110
	1880	18900		1	0	22.82	20.92	0.124
				1	3	22.99	21.09	0.129
				1	5	22.94	21.04	0.127
				3	0	23.26	21.36	0.137
				3	1	23.27	21.37	0.137
				3	3	23.27	21.37	0.137
				6	0	22.03	20.13	0.103
	1909.3	19193		1	0	23.84	21.94	0.156
				1	3	23.85	21.95	0.157
				1	5	23.80	21.90	0.155
				3	0	23.33	21.43	0.139
				3	1	23.27	21.37	0.137
				3	3	23.33	21.43	0.139
				6	0	22.38	20.48	0.112

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	22.32	20.42	0.110
				1	3	22.43	20.53	0.113
				1	5	22.39	20.49	0.112
				3	0	22.30	20.40	0.110
				3	1	22.29	20.39	0.109
				3	3	22.28	20.38	0.109
				6	0	22.28	20.38	0.109
	1880	18900		1	0	21.91	20.01	0.100
				1	3	21.88	19.98	0.100
				1	5	21.91	20.01	0.100
				3	0	21.90	20.00	0.100
				3	1	21.91	20.01	0.100
				3	3	21.91	20.01	0.100
				6	0	21.91	20.01	0.100
	1909.3	19193		1	0	22.39	20.49	0.112
				1	3	22.38	20.48	0.112
				1	5	22.39	20.49	0.112
				3	0	22.39	20.49	0.112
				3	1	22.39	20.49	0.112
				3	3	22.39	20.49	0.112
				6	0	22.39	20.49	0.112

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	23.79	21.89	0.155
				1	8	23.90	22.00	0.158
				1	14	23.90	22.00	0.158
				8	0	22.99	21.09	0.129
				8	4	23.05	21.15	0.130
				8	7	23.05	21.15	0.130
				15	0	23.03	21.13	0.130
	1880	18900		1	0	23.91	22.01	0.159
				1	8	23.87	21.97	0.157
				1	14	23.87	21.97	0.157
				8	0	23.01	21.11	0.129
				8	4	22.99	21.09	0.129
				8	7	22.99	21.09	0.129
				15	0	22.89	20.99	0.126
	1908.5	19185		1	0	24.08	22.18	0.165
				1	8	24.11	22.21	0.166
				1	14	24.19	22.29	0.169
				8	0	23.06	21.16	0.131
				8	4	23.09	21.19	0.132
				8	7	23.08	21.18	0.131
				15	0	23.13	21.23	0.133
16QAM	1851.5	18615		1	0	23.30	21.40	0.138
				1	8	23.30	21.40	0.138
				1	14	23.41	21.51	0.142
				8	0	22.39	20.49	0.112
				8	4	22.47	20.57	0.114
				8	7	22.46	20.56	0.114
				15	0	22.21	20.31	0.107
	1880	18900		1	0	23.31	21.41	0.138
				1	8	23.34	21.44	0.139
			1	14	23.27	21.37	0.137	
			8	0	22.12	20.22	0.105	
			8	4	22.16	20.26	0.106	
			8	7	22.13	20.23	0.105	
			15	0	22.09	20.19	0.104	
	1908.5	19185	1	0	23.02	21.12	0.129	
			1	8	23.05	21.15	0.130	
			1	14	23.05	21.15	0.130	
			8	0	22.46	20.56	0.114	
			8	4	22.37	20.47	0.111	
			8	7	22.38	20.48	0.112	
			15	0	22.27	20.37	0.109	

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	22.21	20.31	0.107
				1	8	22.22	20.32	0.108
				1	14	22.21	20.31	0.107
				8	0	22.20	20.30	0.107
				8	4	22.22	20.32	0.108
				8	7	22.22	20.32	0.108
				15	0	22.22	20.32	0.108
	1880	18900		1	0	22.09	20.19	0.104
				1	8	22.08	20.18	0.104
				1	14	22.09	20.19	0.104
				8	0	22.09	20.19	0.104
				8	4	22.07	20.17	0.104
				8	7	22.07	20.17	0.104
				15	0	22.06	20.16	0.104
	1908.5	19185		1	0	22.27	20.37	0.109
				1	8	22.27	20.37	0.109
				1	14	22.27	20.37	0.109
				8	0	22.30	20.40	0.110
				8	4	22.29	20.39	0.109
				8	7	22.30	20.40	0.110
				15	0	22.34	20.44	0.111

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	24.13	22.23	0.167
				1	12	23.96	22.06	0.161
				1	24	23.95	22.05	0.160
				12	0	23.11	21.21	0.132
				12	7	23.09	21.19	0.132
				12	13	23.08	21.18	0.131
				25	0	23.00	21.10	0.129
	1880	18900		1	0	22.10	20.20	0.105
				1	12	22.13	20.23	0.105
				1	24	22.15	20.25	0.106
				12	0	20.96	19.06	0.081
				12	7	20.93	19.03	0.080
				12	13	23.09	21.19	0.132
				25	0	22.96	21.06	0.128
	1907.5	19175		1	0	23.99	22.09	0.162
				1	12	24.03	22.13	0.163
				1	24	24.01	22.11	0.163
				12	0	23.24	21.34	0.136
				12	7	23.11	21.21	0.132
				12	13	23.10	21.20	0.132
				25	0	23.17	21.27	0.134
16QAM	1852.5	18625	1	0	22.34	20.44	0.111	
			1	12	22.26	20.36	0.109	
			1	24	22.26	20.36	0.109	
			12	0	22.20	20.30	0.107	
			12	7	22.17	20.27	0.106	
			12	13	22.18	20.28	0.107	
			25	0	22.27	20.37	0.109	
	1880	18900	1	0	23.21	21.31	0.135	
			1	12	23.21	21.31	0.135	
			1	24	23.20	21.30	0.135	
			12	0	22.06	20.16	0.104	
			12	7	22.10	20.20	0.105	
			12	13	22.15	20.25	0.106	
			25	0	22.11	20.21	0.105	
	1907.5	19175	1	0	22.85	20.95	0.124	
			1	12	22.99	21.09	0.129	
			1	24	22.84	20.94	0.124	
			12	0	22.12	20.22	0.105	
			12	7	22.15	20.25	0.106	
			12	13	22.15	20.25	0.106	
			25	0	22.17	20.27	0.106	

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	22.28	20.38	0.109
				1	12	22.28	20.38	0.109
				1	24	22.29	20.39	0.109
				12	0	22.29	20.39	0.109
				12	7	22.29	20.39	0.109
				12	13	22.29	20.39	0.109
				25	0	22.28	20.38	0.109
	1880	18900		1	0	22.15	20.25	0.106
				1	12	22.08	20.18	0.104
				1	24	22.12	20.22	0.105
				12	0	22.08	20.18	0.104
				12	7	22.17	20.27	0.106
				12	13	22.05	20.15	0.104
				25	0	22.14	20.24	0.106
	1907.5	19175		1	0	22.17	20.27	0.106
				1	12	22.18	20.28	0.107
				1	24	22.18	20.28	0.107
				12	0	22.18	20.28	0.107
				12	7	22.29	20.39	0.109
				12	13	22.29	20.39	0.109
				25	0	22.18	20.28	0.107

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	23.95	22.05	0.160	
				1	25	23.93	22.03	0.160	
				1	49	23.92	22.02	0.159	
				25	0	23.10	21.20	0.132	
				25	12	23.05	21.15	0.130	
				25	25	23.05	21.15	0.130	
				50	0	23.04	21.14	0.130	
	1880	18900		1	0	24.03	22.13	0.163	
				1	25	24.03	22.13	0.163	
				1	49	24.03	22.13	0.163	
				25	0	22.96	21.06	0.128	
				25	12	22.95	21.05	0.127	
				25	25	22.95	21.05	0.127	
				50	0	23.03	21.13	0.130	
	1905	19150		1	0	24.02	22.12	0.163	
				1	25	24.06	22.16	0.164	
				1	49	24.15	22.25	0.168	
				25	0	23.15	21.25	0.133	
				25	12	23.17	21.27	0.134	
				25	25	23.16	21.26	0.134	
				50	0	23.10	21.20	0.132	
	16QAM	1855		18650	1	0	23.54	21.64	0.146
					1	25	23.47	21.57	0.144
					1	49	23.48	21.58	0.144
25					0	22.14	20.24	0.106	
25					12	22.18	20.28	0.107	
25					25	22.15	20.25	0.106	
50					0	22.18	20.28	0.107	
1880		18900		1	0	23.15	21.25	0.133	
				1	25	23.21	21.31	0.135	
			1	49	23.27	21.37	0.137		
			25	0	22.21	20.31	0.107		
			25	12	22.26	20.36	0.109		
			25	25	22.27	20.37	0.109		
			50	0	22.18	20.28	0.107		
1905		19150	1	0	22.94	21.04	0.127		
			1	25	22.78	20.88	0.122		
			1	49	22.69	20.79	0.120		
			25	0	22.46	20.56	0.114		
			25	12	22.39	20.49	0.112		
			25	25	22.39	20.49	0.112		
			50	0	22.27	20.37	0.109		

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	22.19	20.29	0.107
				1	25	22.19	20.29	0.107
				1	49	22.18	20.28	0.107
				25	0	22.17	20.27	0.106
				25	12	22.17	20.27	0.106
				25	25	22.16	20.26	0.106
				50	0	22.16	20.26	0.106
	1880	18900		1	0	22.18	20.28	0.107
				1	25	22.19	20.29	0.107
				1	49	22.19	20.29	0.107
				25	0	22.19	20.29	0.107
				25	12	22.19	20.29	0.107
				25	25	22.19	20.29	0.107
				50	0	22.18	20.28	0.107
	1905	19150		1	0	22.28	20.38	0.109
				1	25	22.28	20.38	0.109
				1	49	22.29	20.39	0.109
				25	0	22.29	20.39	0.109
				25	12	22.29	20.39	0.109
				25	25	22.29	20.39	0.109
				50	0	22.29	20.39	0.109

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	23.91	22.01	0.159	
				1	37	23.86	21.96	0.157	
				1	74	23.86	21.96	0.157	
				36	0	22.94	21.04	0.127	
				36	29	23.07	21.17	0.131	
				36	30	23.06	21.16	0.131	
				75	0	22.96	21.06	0.128	
	1880	18900		1	0	23.97	22.07	0.161	
				1	37	24.03	22.13	0.163	
				1	74	23.97	22.07	0.161	
				36	0	22.93	21.03	0.127	
				36	29	22.98	21.08	0.128	
				36	30	22.97	21.07	0.128	
				75	0	23.01	21.11	0.129	
	1902.5	19125		1	0	23.87	21.97	0.157	
				1	37	23.95	22.05	0.160	
				1	74	23.93	22.03	0.160	
				36	0	23.03	21.13	0.130	
				36	29	23.17	21.27	0.134	
				36	30	23.15	21.25	0.133	
				75	0	23.00	21.10	0.129	
	16QAM	1857.5		18675	1	0	23.32	21.42	0.139
					1	37	23.29	21.39	0.138
					1	74	23.29	21.39	0.138
36					0	22.19	20.29	0.107	
36					29	22.14	20.24	0.106	
36					30	22.15	20.25	0.106	
75					0	22.15	20.25	0.106	
1880		18900		1	0	23.71	21.81	0.152	
				1	37	23.83	21.93	0.156	
				1	74	23.83	21.93	0.156	
				36	0	22.11	20.21	0.105	
				36	29	22.13	20.23	0.105	
				36	30	22.14	20.24	0.106	
				75	0	22.06	20.16	0.104	
1902.5		19125		1	0	23.55	21.65	0.146	
				1	37	23.65	21.75	0.150	
				1	74	23.44	21.54	0.143	
				36	0	22.23	20.33	0.108	
				36	29	22.31	20.41	0.110	
				36	30	22.21	20.31	0.107	
				75	0	22.13	20.23	0.105	

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	22.16	20.26	0.106
				1	37	22.15	20.25	0.106
				1	74	22.16	20.26	0.106
				36	0	22.16	20.26	0.106
				36	29	22.17	20.27	0.106
				36	30	22.16	20.26	0.106
				75	0	22.16	20.26	0.106
	1880	18900		1	0	22.05	20.15	0.104
				1	37	22.07	20.17	0.104
				1	74	22.08	20.18	0.104
				36	0	22.07	20.17	0.104
				36	29	22.07	20.17	0.104
				36	30	22.06	20.16	0.104
				75	0	22.06	20.16	0.104
	1902.5	19125		1	0	22.13	20.23	0.105
				1	37	22.13	20.23	0.105
				1	74	22.14	20.24	0.106
				36	0	22.14	20.24	0.106
				36	29	22.14	20.24	0.106
				36	30	22.14	20.24	0.106
				75	0	22.25	20.35	0.108

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	24.09	22.19	0.166
				1	49	24.02	22.12	0.163
				1	99	24.00	22.10	0.162
				50	0	23.09	21.19	0.132
				50	24	22.92	21.02	0.126
				50	50	22.98	21.08	0.128
				100	0	22.96	21.06	0.128
	1880	18900		1	0	24.08	22.18	0.165
				1	49	24.14	22.24	0.167
				1	99	24.13	22.23	0.167
				50	0	23.05	21.15	0.130
				50	24	23.10	21.20	0.132
				50	50	23.11	21.21	0.132
				100	0	23.07	21.17	0.131
	1900	19100		1	0	24.02	22.12	0.163
				1	49	24.10	22.20	0.166
				1	99	24.14	22.24	0.167
				50	0	23.08	21.18	0.131
				50	24	23.05	21.15	0.130
				50	50	23.04	21.14	0.130
100				0	23.18	21.28	0.134	
16QAM	1860	18700		1	0	23.31	21.41	0.138
				1	49	23.23	21.33	0.136
				1	99	23.16	21.26	0.134
				50	0	22.23	20.33	0.108
				50	24	22.15	20.25	0.106
				50	50	22.16	20.26	0.106
				100	0	22.03	20.13	0.103
	1880	18900		1	0	23.04	21.14	0.130
				1	49	23.20	21.30	0.135
			1	99	23.08	21.18	0.131	
			50	0	22.11	20.21	0.105	
			50	24	22.20	20.30	0.107	
			50	50	22.21	20.31	0.107	
			100	0	22.17	20.27	0.106	
	1900	19100	1	0	23.81	21.91	0.155	
			1	49	23.92	22.02	0.159	
			1	99	23.92	22.02	0.159	
			50	0	22.14	20.24	0.106	
			50	24	22.23	20.33	0.108	
			50	50	22.19	20.29	0.107	
100			0	22.21	20.31	0.107		

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	22.04	20.14	0.103
				1	49	22.04	20.14	0.103
				1	99	22.04	20.14	0.103
				50	0	22.06	20.16	0.104
				50	24	22.05	20.15	0.104
				50	50	22.05	20.15	0.104
				100	0	22.05	20.15	0.104
	1880	18900		1	0	22.17	20.27	0.106
				1	49	22.17	20.27	0.106
				1	99	22.17	20.27	0.106
				50	0	22.03	20.13	0.103
				50	24	22.02	20.12	0.103
				50	50	22.02	20.12	0.103
				100	0	22.02	20.12	0.103
	1900	19100		1	0	22.33	20.43	0.110
				1	49	22.33	20.43	0.110
				1	99	22.33	20.43	0.110
				50	0	22.22	20.32	0.108
				50	24	22.22	20.32	0.108
				50	50	22.22	20.32	0.108
				100	0	22.22	20.32	0.108