

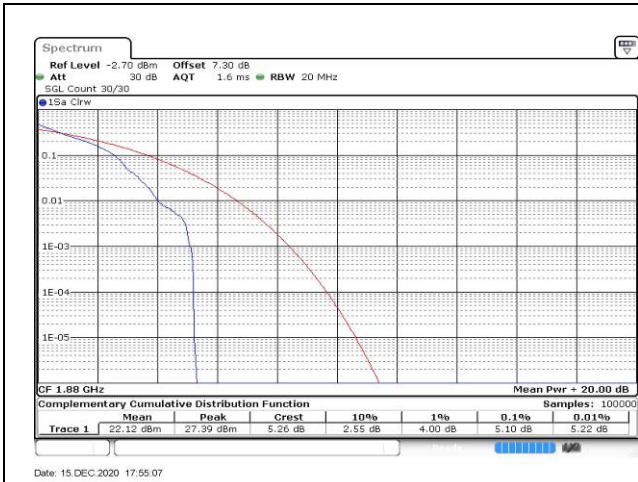


Fig.79

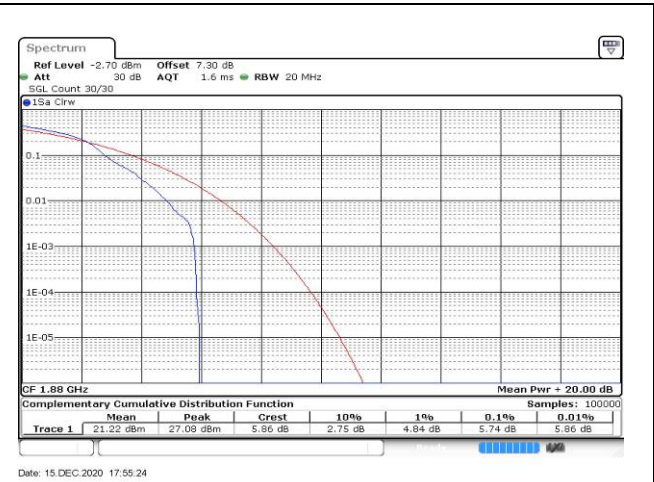


Fig.80

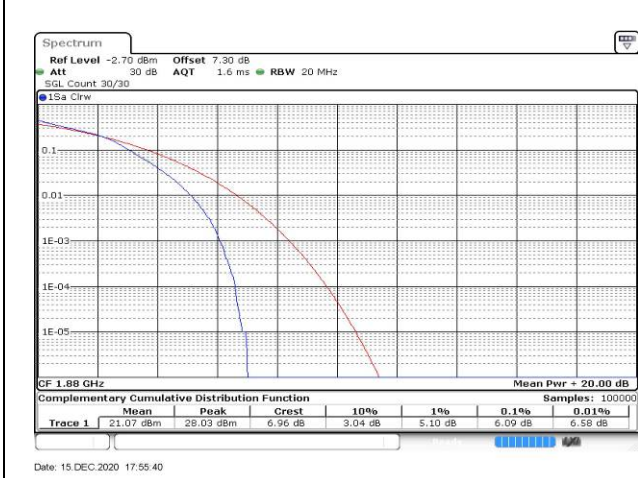


Fig.81

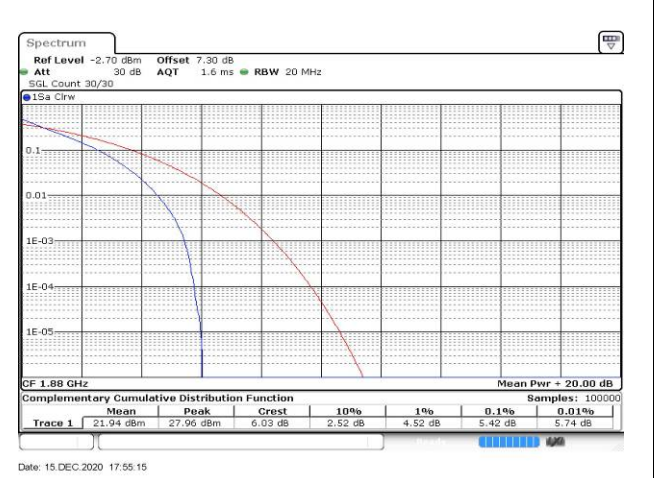


Fig.82

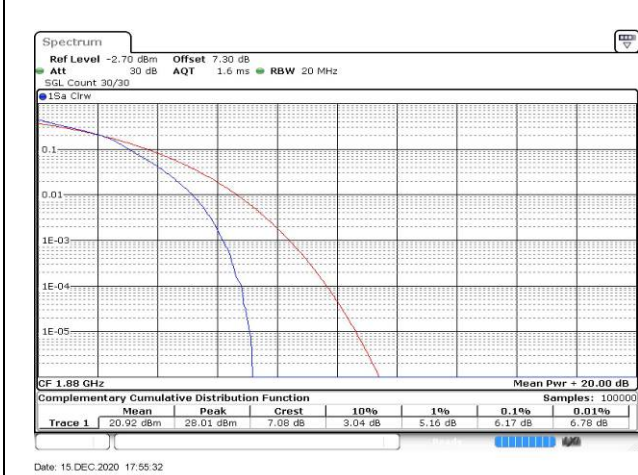


Fig.83

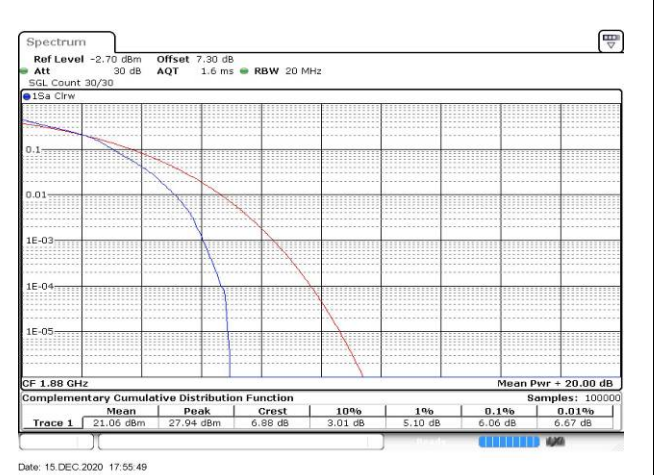


Fig.84

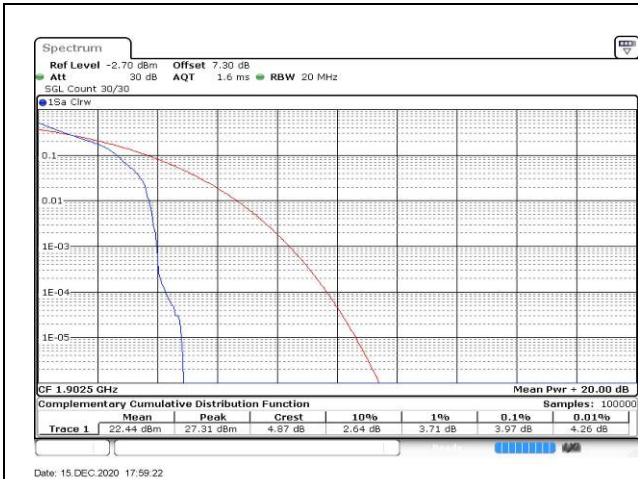


Fig.85

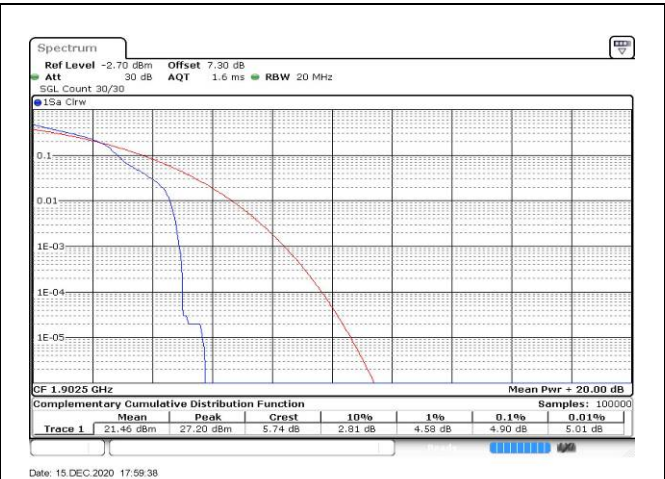


Fig.86

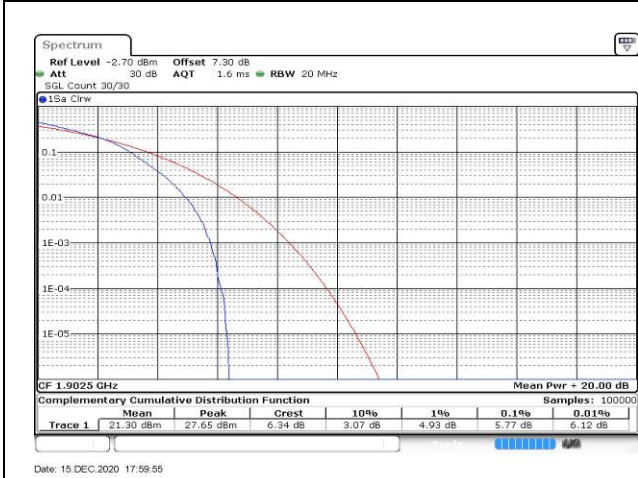


Fig.87



Fig.88

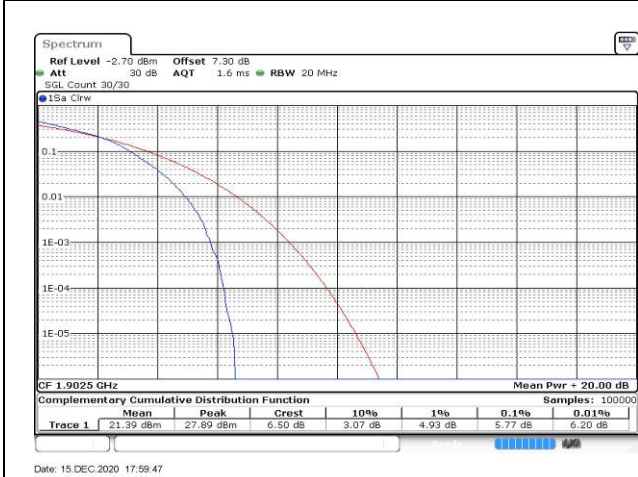


Fig.89

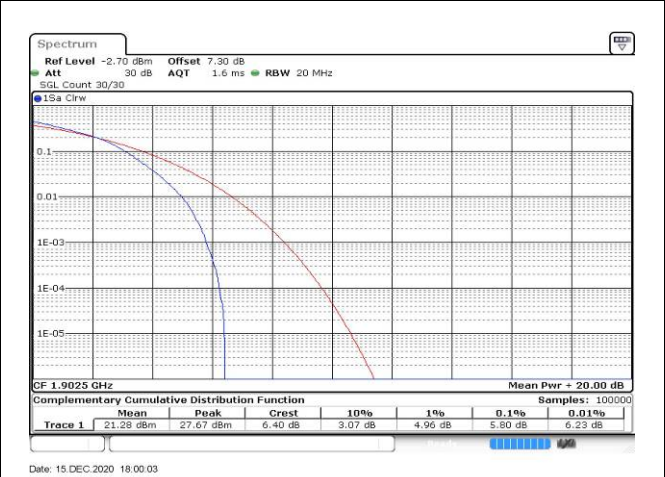


Fig.90

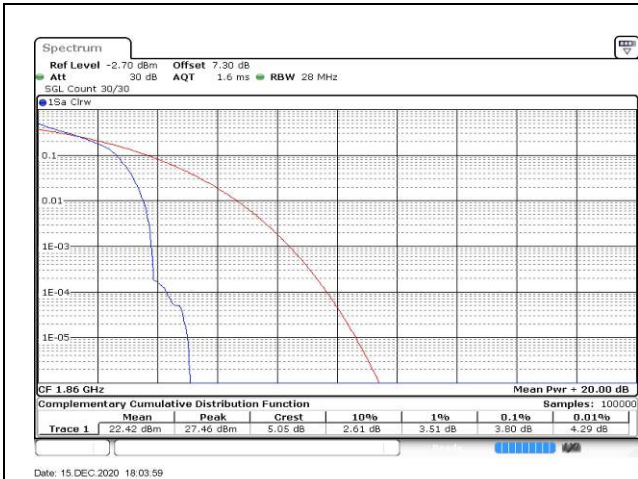


Fig.91

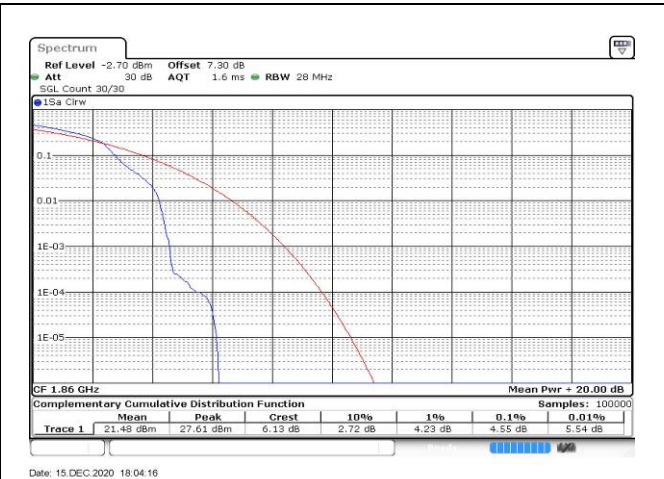


Fig.92

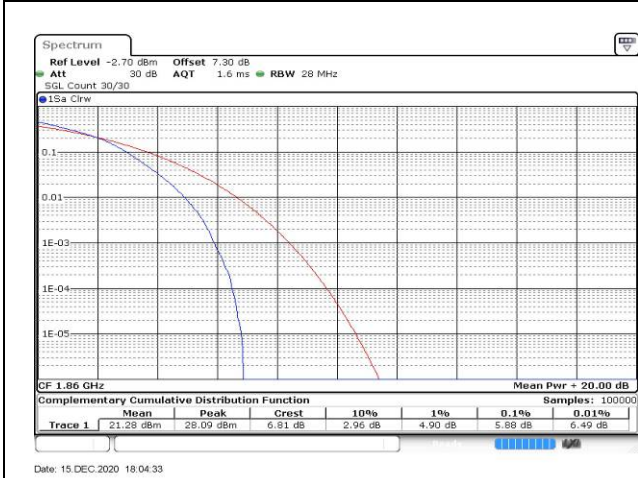


Fig.93

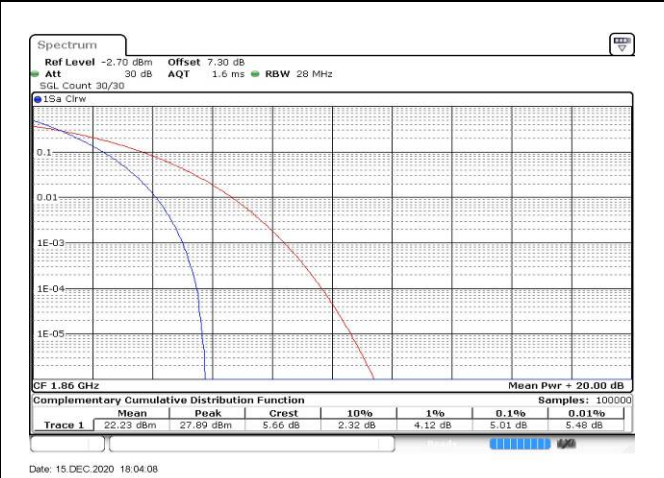


Fig.94

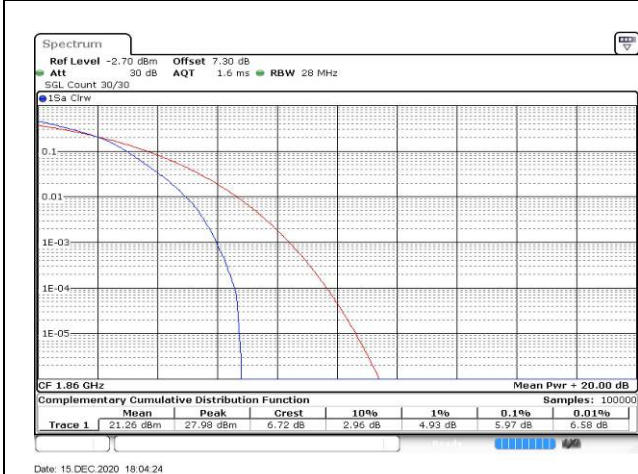


Fig.95

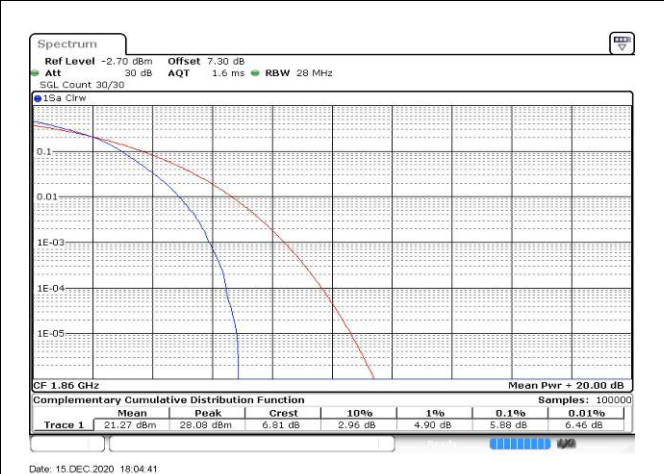


Fig.96

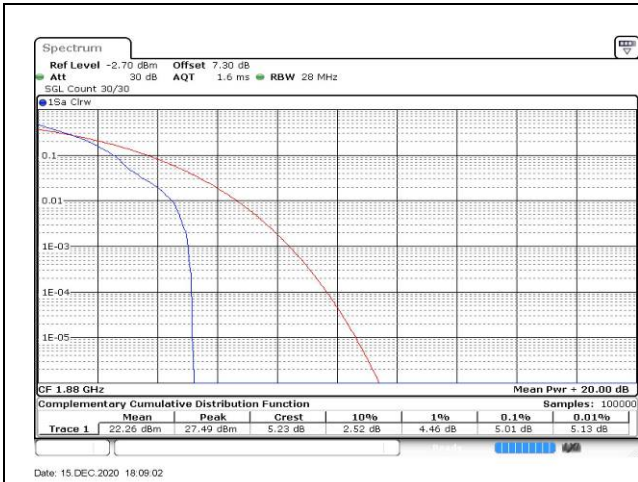


Fig.97

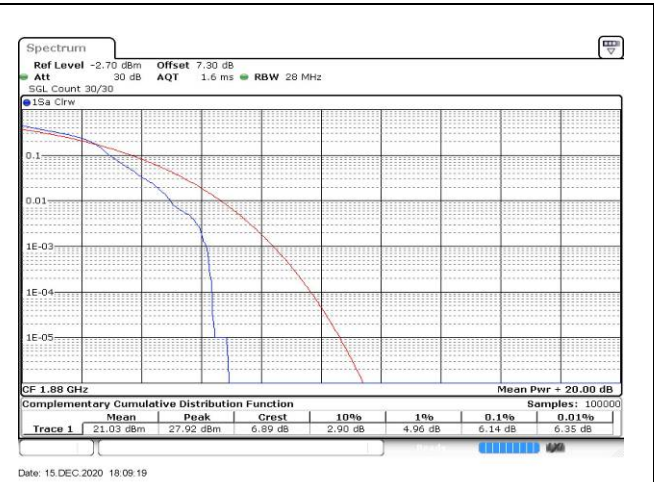


Fig.98

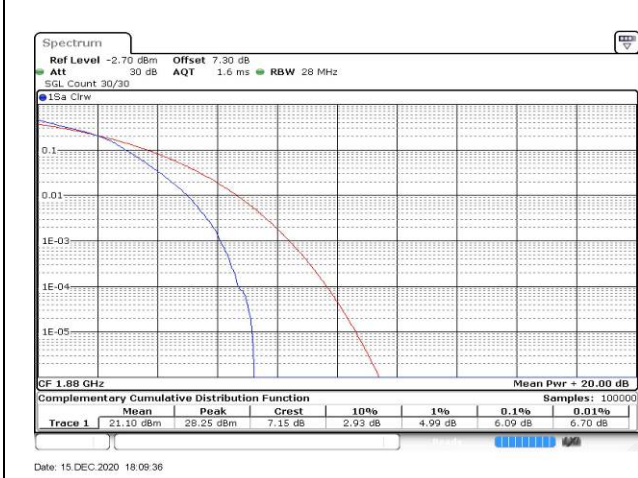


Fig.99

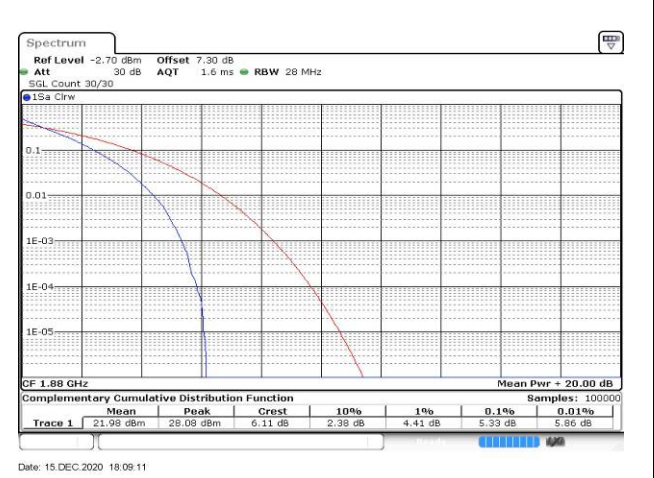


Fig.100

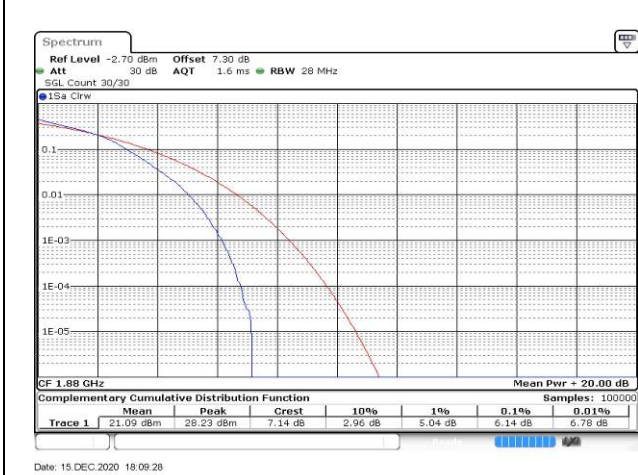


Fig.101

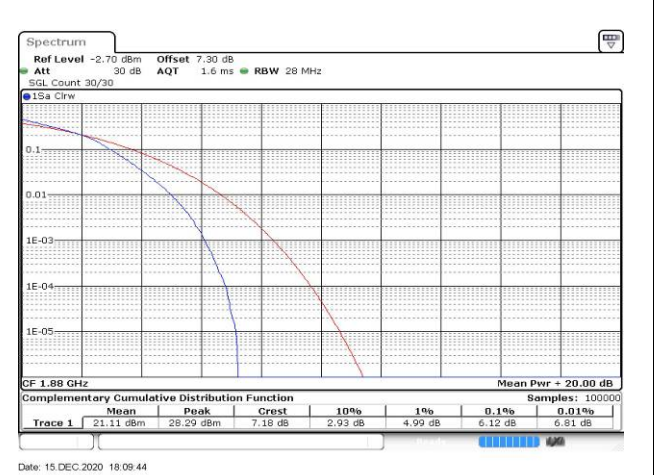


Fig.102

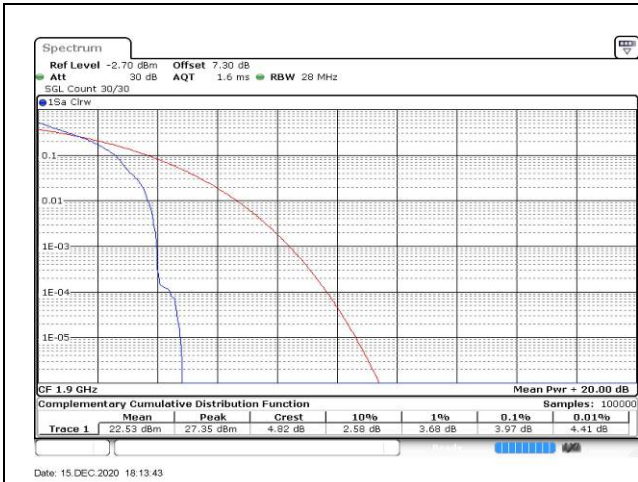


Fig.103

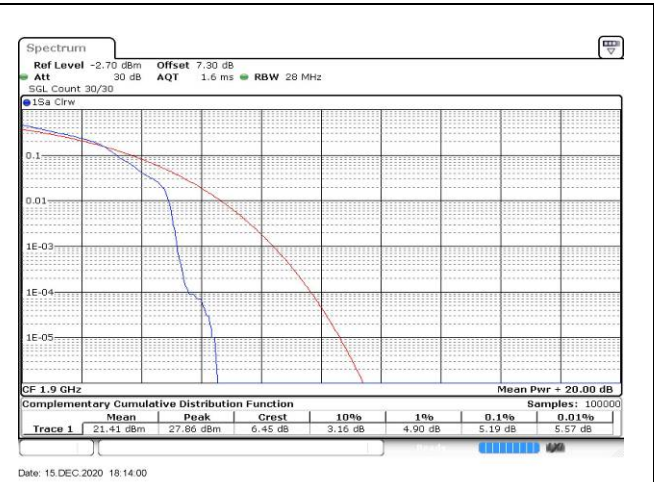


Fig.104

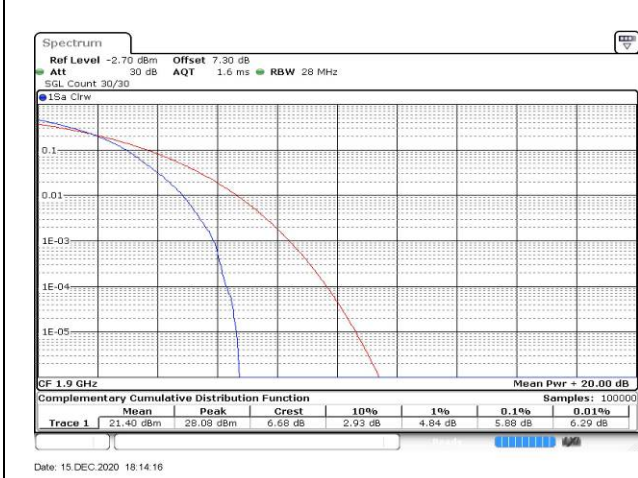


Fig.105

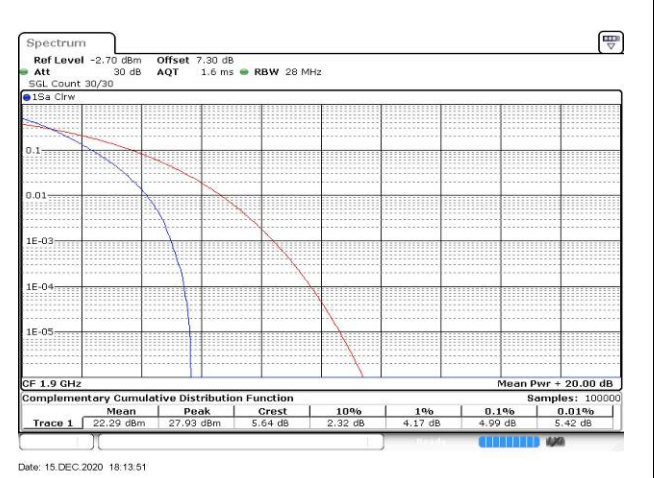


Fig.106

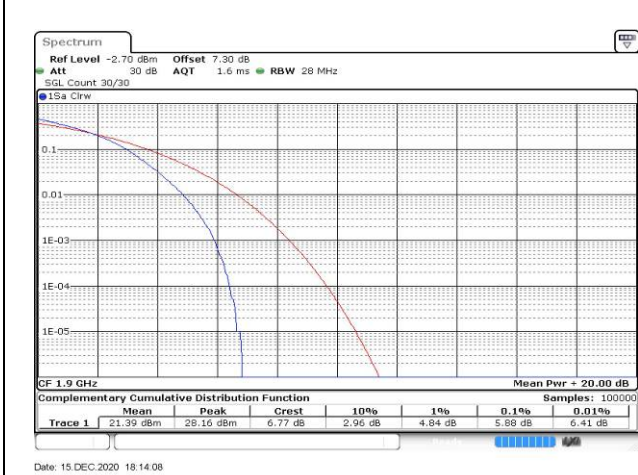


Fig.107

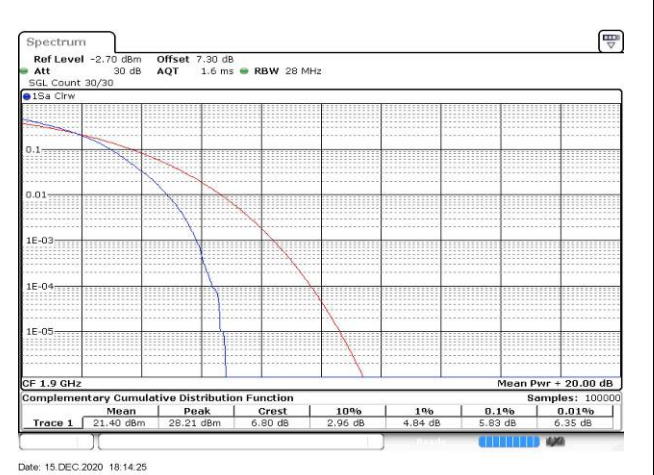


Fig.108

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

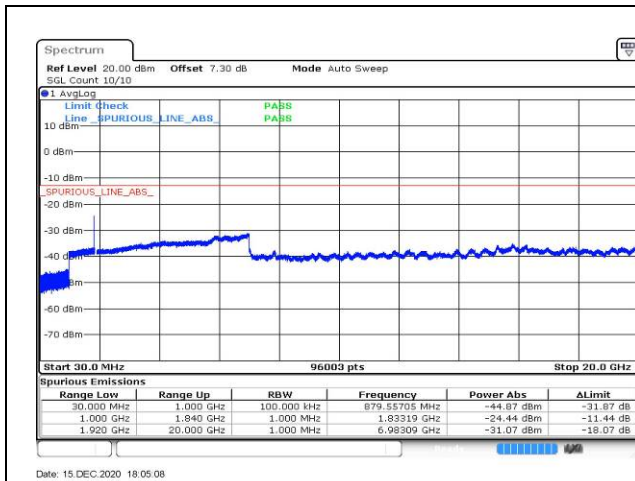


Fig.1

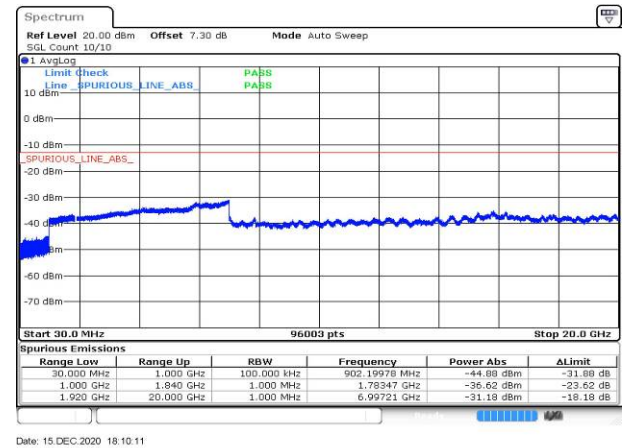


Fig.2

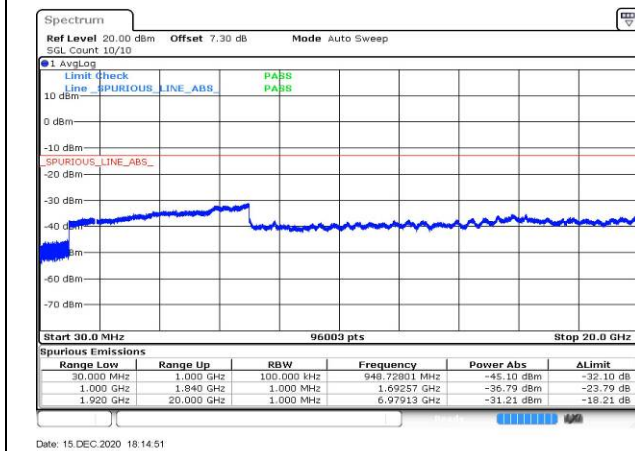


Fig.3

6 Band Edges Compliance

Band	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	
				1	14	Fig.7	
				15	0	Fig.8	
	1852.5	18625	5	1	0	Fig.9	
				25	0	Fig.10	
				1	24	Fig.11	
				25	0	Fig.12	
	1855	18650	10	1	0	Fig.13	
				50	0	Fig.14	
				1	49	Fig.15	
				50	0	Fig.16	
	1857.5	18675	15	1	0	Fig.17	
				75	0	Fig.18	
				1	74	Fig.19	
				75	0	Fig.20	
	1860	18700	20	1	0	Fig.21	
				100	0	Fig.22	
				1	99	Fig.23	
				100	0	Fig.24	

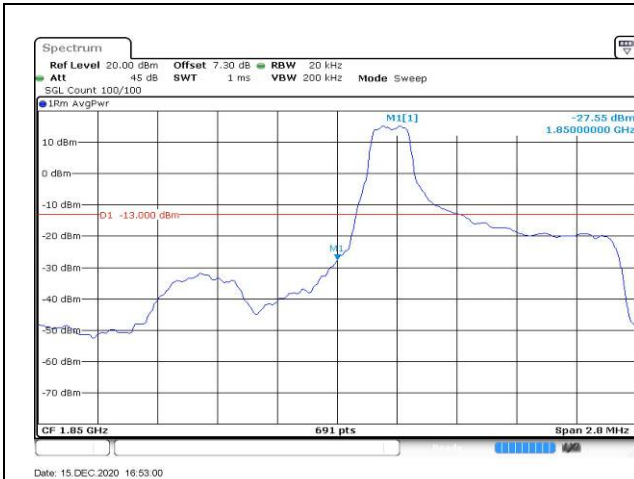


Fig.1

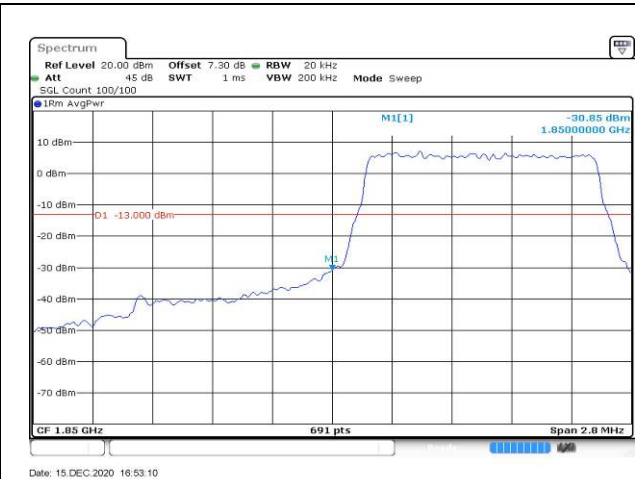


Fig.2

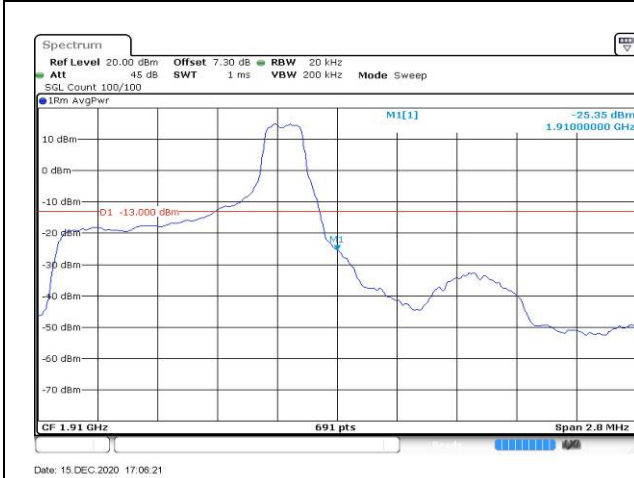


Fig.3

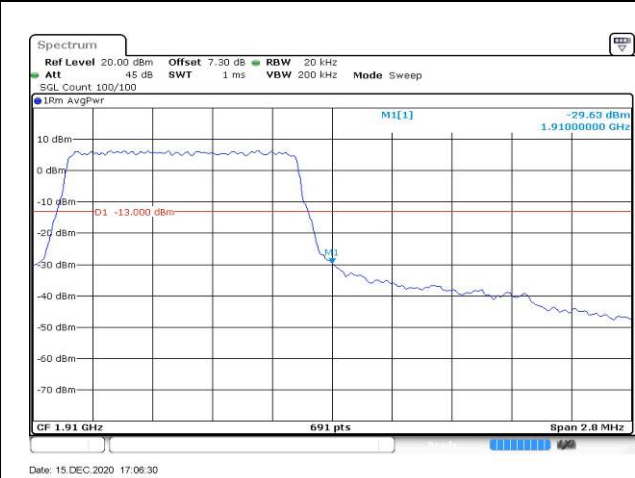


Fig.4

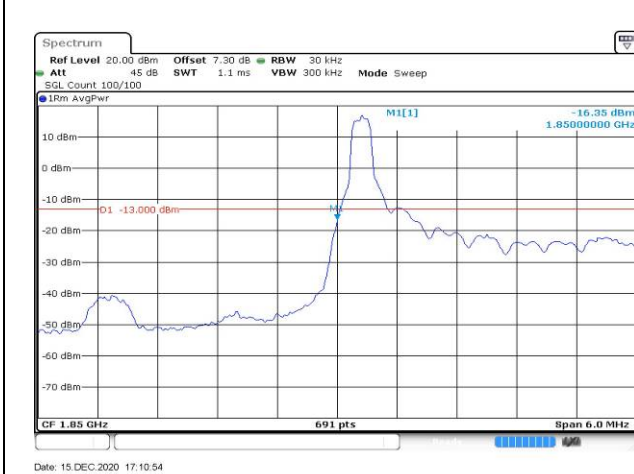


Fig.5

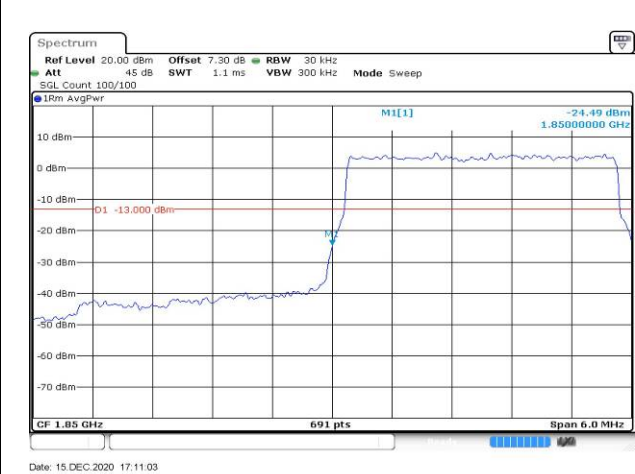


Fig.6

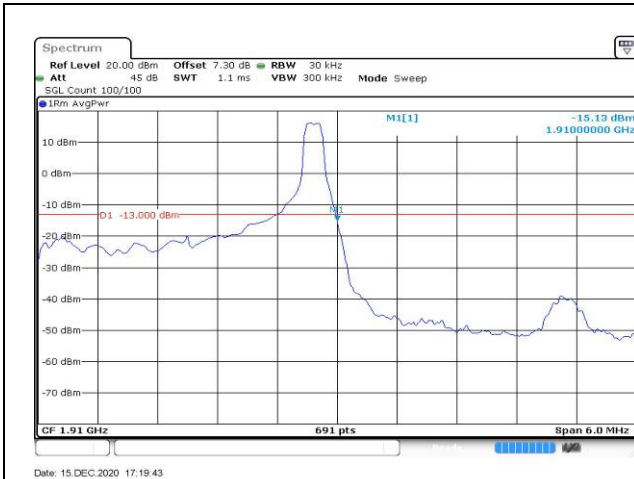


Fig.7

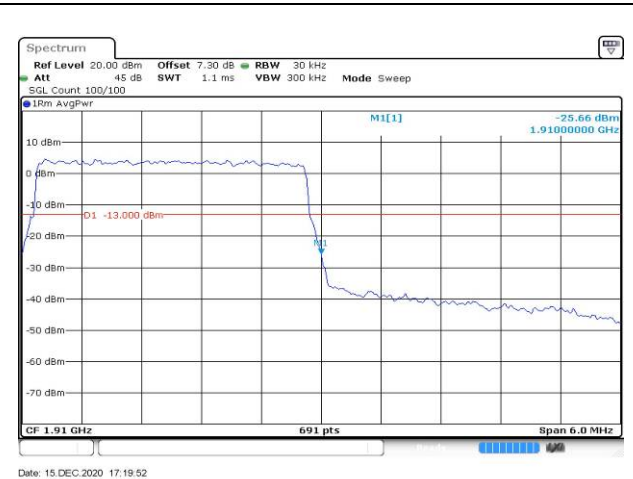


Fig.8

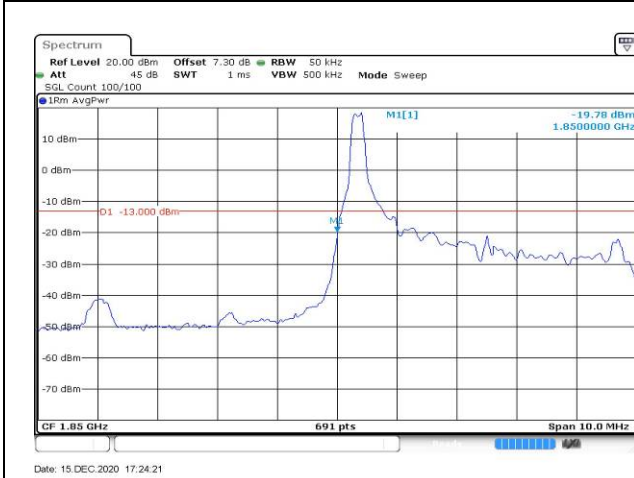


Fig.9

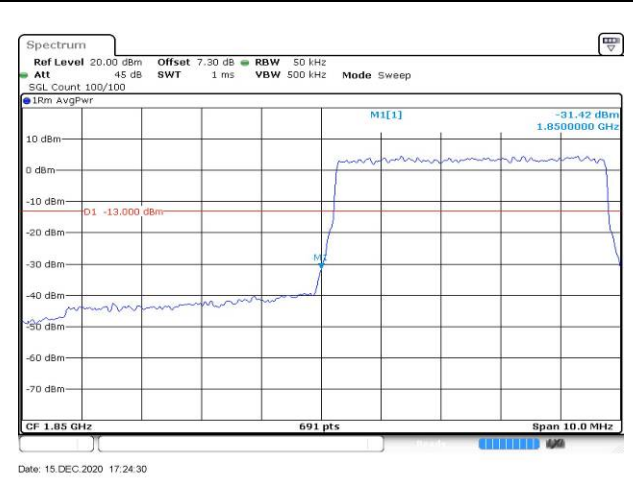


Fig.10

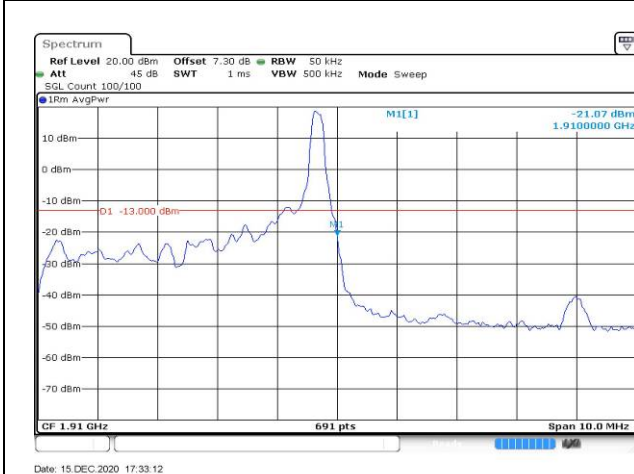


Fig.11

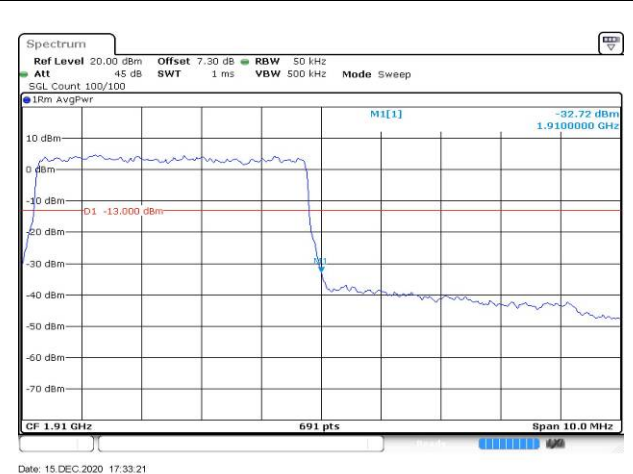
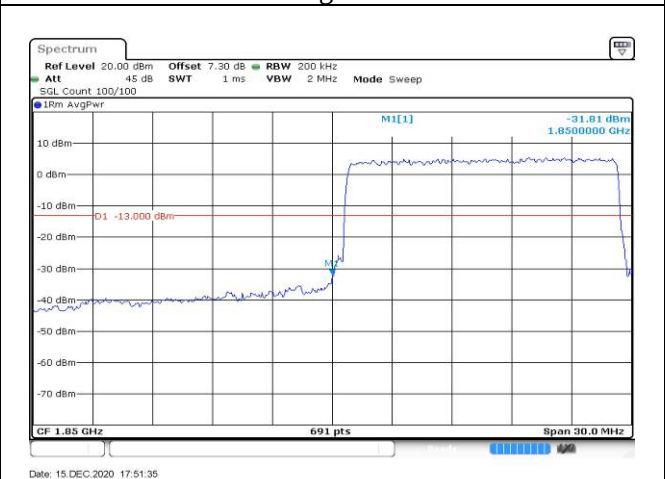
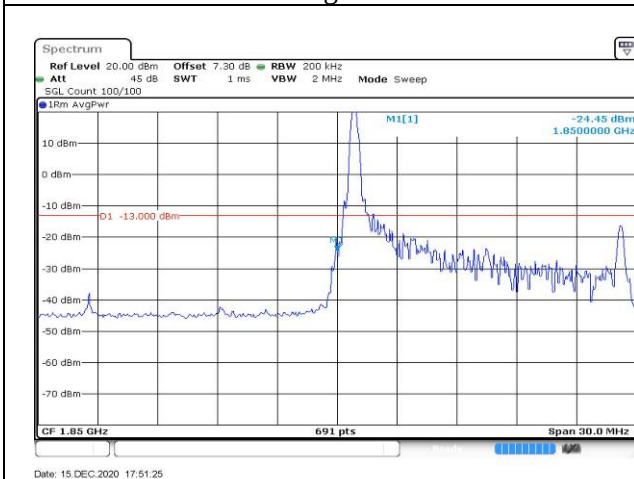
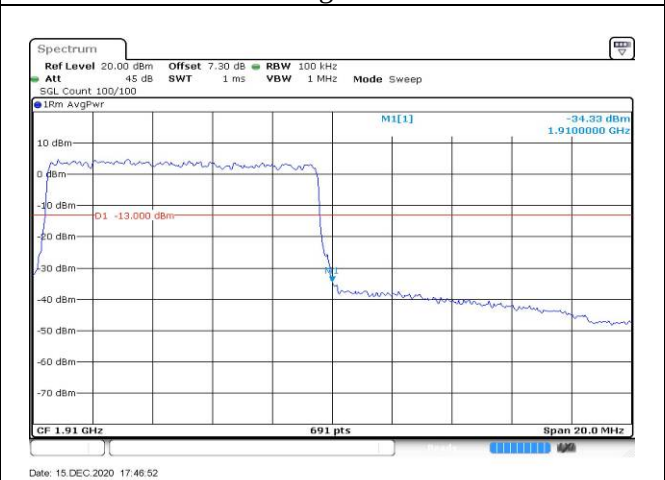
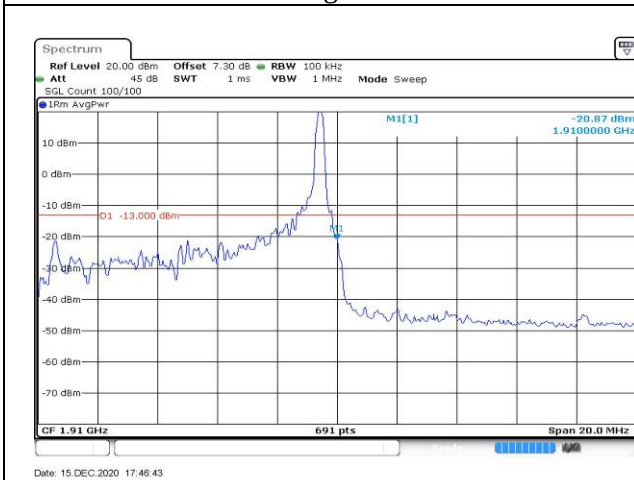
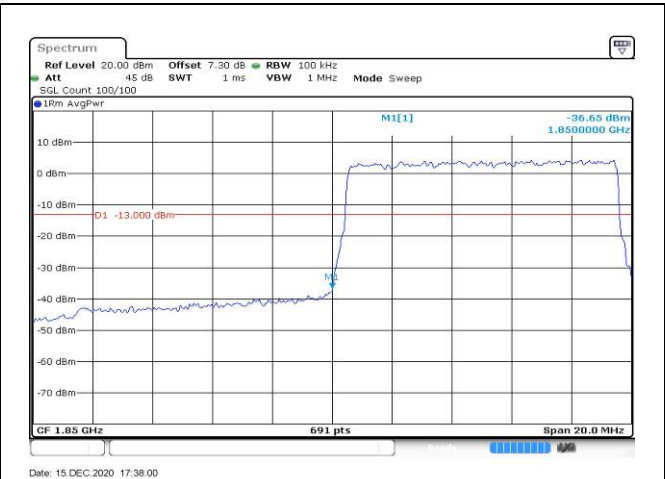
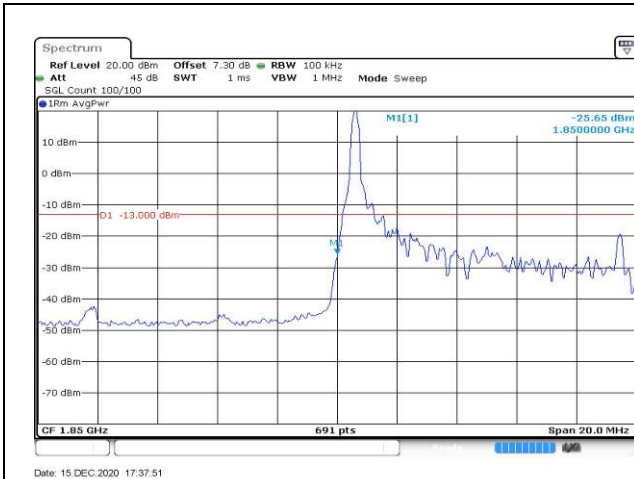
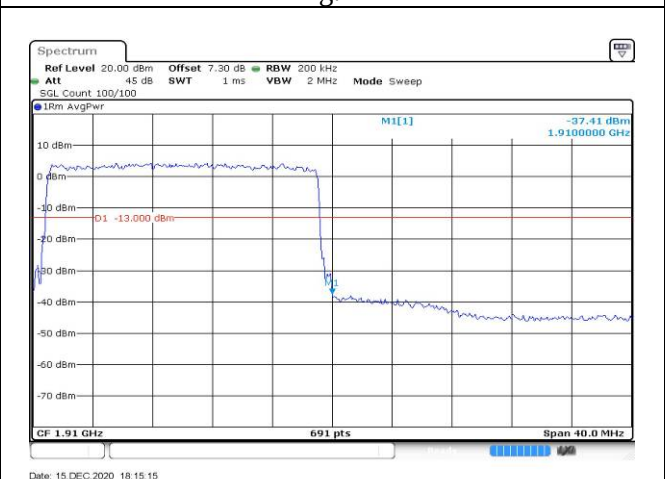
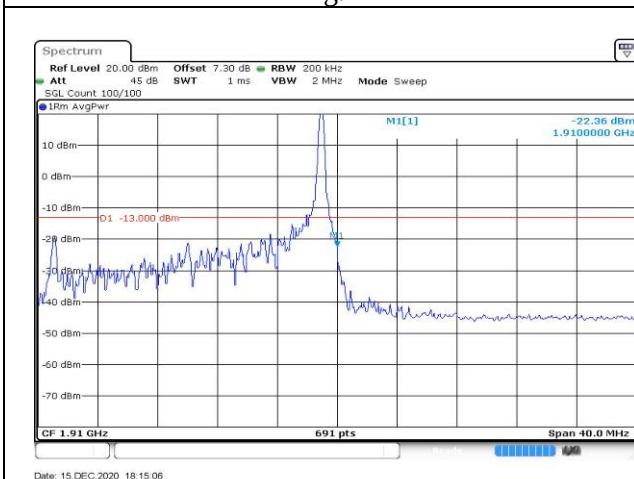
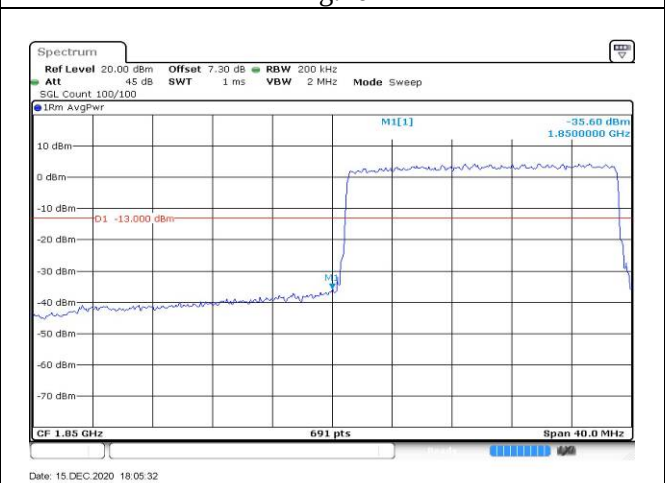
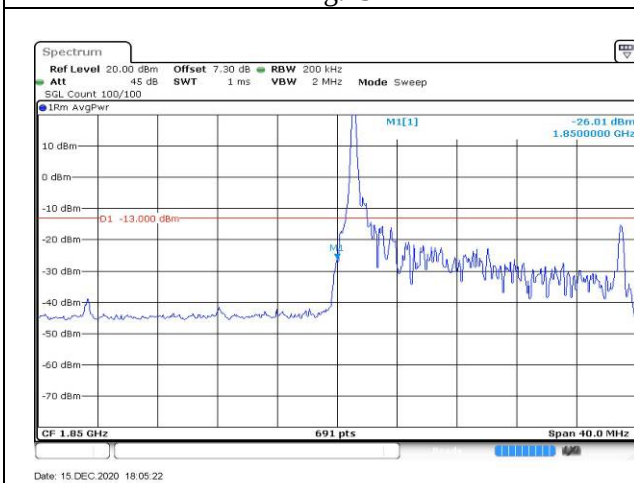
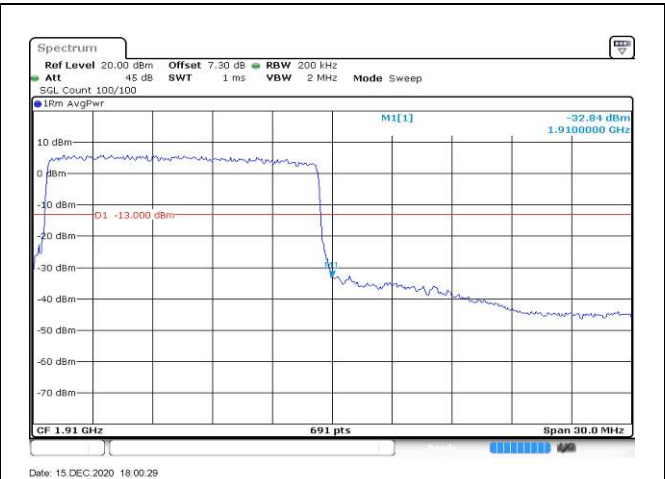
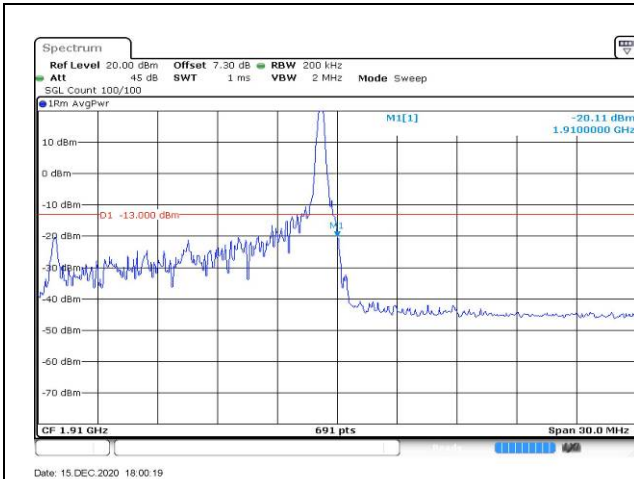


Fig.12





7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.015	-0.009	-0.020	0.006	0.014	-0.006
0	NV	-0.009	-0.007	-0.023	-0.012	0.015	-0.016
+10	NV	-0.014	-0.007	-0.022	-0.003	-0.004	-0.005
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.009	-0.007	-0.014	0.013	0.019	0.008
+40	NV	0.000	-0.003	-0.023	-0.018	-0.009	0.005
+50	NV	-0.018	-0.004	-0.024	-0.017	-0.006	-0.013
+55	NV	-0.011	-0.003	-0.018	-0.013	-0.007	-0.010
+20	LV	-0.003	-0.017	-0.020	0.005	-0.005	-0.017
+20	HV	-0.003	-0.016	0.002	0.000	0.013	-0.011

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.017	0.000	-0.013	-0.009	-0.016	-0.014
0	NV	-0.020	-0.030	-0.010	-0.010	-0.015	-0.012
+10	NV	-0.025	0.003	-0.005	-0.018	-0.010	-0.005
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.016	-0.014	-0.007	-0.021	-0.013	-0.012
+40	NV	0.001	-0.019	-0.014	-0.016	-0.019	-0.011
+50	NV	-0.019	-0.005	-0.005	-0.022	-0.014	-0.011
+55	NV	-0.014	-0.003	-0.004	-0.018	-0.012	-0.010
+20	LV	-0.009	-0.011	0.001	-0.010	-0.003	-0.012
+20	HV	-0.014	-0.004	-0.013	-0.004	-0.009	-0.002

8 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)	
QPSK	1850.7	18607	1.4	1	0	24.28	23.08	0.203	
				1	3	24.20	23.00	0.200	
				1	5	24.25	23.05	0.202	
				3	0	24.13	22.93	0.196	
				3	1	24.14	22.94	0.197	
				3	3	24.27	23.07	0.203	
				6	0	23.05	21.85	0.153	
	1880	18900		1	0	23.86	22.66	0.185	
				1	3	23.92	22.72	0.187	
				1	5	23.90	22.70	0.186	
				3	0	23.39	22.19	0.166	
				3	1	23.43	22.23	0.167	
				3	3	23.42	22.22	0.167	
				6	0	22.44	21.24	0.133	
	1909.3	19193		1	0	24.00	22.80	0.191	
				1	3	23.83	22.63	0.183	
				1	5	23.88	22.68	0.185	
				3	0	23.01	21.81	0.152	
				3	1	23.05	21.85	0.153	
				3	3	23.02	21.82	0.152	
				6	0	22.18	20.98	0.125	
	16QAM	1850.7		18607	1	0	22.80	21.60	0.145
					1	3	22.86	21.66	0.147
					1	5	22.84	21.64	0.146
3					0	22.33	21.13	0.130	
3					1	22.37	21.17	0.131	
3					3	22.36	21.16	0.131	
6					0	21.38	20.18	0.104	
1880		18900	1	0	22.29	21.09	0.129		
			1	3	22.26	21.06	0.128		
			1	5	22.31	21.11	0.129		
			3	0	21.67	20.47	0.111		
			3	1	21.75	20.55	0.114		
			3	3	21.88	20.68	0.117		
			6	0	20.86	19.66	0.092		
1909.3		19193	1	0	22.94	21.74	0.149		
			1	3	22.77	21.57	0.144		
			1	5	22.82	21.62	0.145		
			3	0	21.95	20.75	0.119		
			3	1	21.99	20.79	0.120		
			3	3	21.96	20.76	0.119		
			6	0	21.12	19.92	0.098		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1850.7	18607	1.4	1	0	22.35	21.15	0.130
				1	3	22.44	21.24	0.133
				1	5	22.43	21.23	0.133
				3	0	22.43	21.23	0.133
				3	1	22.42	21.22	0.132
				3	3	22.42	21.22	0.132
	1880	18900		6	0	22.42	21.22	0.132
				1	0	21.91	20.71	0.118
				1	3	22.02	20.82	0.121
				1	5	22.10	20.90	0.123
				3	0	22.01	20.81	0.121
				3	1	21.99	20.79	0.120
	1909.3	19193		3	3	21.99	20.79	0.120
				6	0	22.02	20.82	0.121
				1	0	22.28	21.08	0.128
				1	3	22.27	21.07	0.128
				1	5	22.26	21.06	0.128
				3	0	22.25	21.05	0.127
				3	1	22.24	21.04	0.127
				3	3	22.23	21.03	0.127
				6	0	22.23	21.03	0.127

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	23.88	22.68	0.185
				1	8	23.80	22.60	0.182
				1	14	23.94	22.74	0.188
				8	0	22.98	21.78	0.151
				8	4	22.92	21.72	0.149
				8	7	22.90	21.70	0.148
				15	0	22.91	21.71	0.148
	1880	18900		1	0	23.79	22.59	0.182
				1	8	23.69	22.49	0.177
				1	14	23.82	22.62	0.183
				8	0	22.83	21.63	0.146
				8	4	22.77	21.57	0.144
				8	7	22.77	21.57	0.144
				15	0	22.81	21.61	0.145
	1908.5	19185		1	0	24.07	22.87	0.194
				1	8	24.22	23.02	0.200
				1	14	24.19	22.99	0.199
				8	0	23.18	21.98	0.158
				8	4	23.07	21.87	0.154
				8	7	23.07	21.87	0.154
				15	0	23.15	21.95	0.157
16QAM	1851.5	18615	1	0	23.02	21.82	0.152	
			1	8	22.94	21.74	0.149	
			1	14	22.91	21.71	0.148	
			8	0	22.37	21.17	0.131	
			8	4	22.31	21.11	0.129	
			8	7	22.30	21.10	0.129	
			15	0	22.30	21.10	0.129	
	1880	18900	1	0	23.05	21.85	0.153	
			1	8	23.04	21.84	0.153	
			1	14	23.05	21.85	0.153	
			8	0	22.23	21.03	0.127	
			8	4	22.29	21.09	0.129	
			8	7	22.30	21.10	0.129	
			15	0	21.98	20.78	0.120	
	1908.5	19185	1	0	23.29	22.09	0.162	
			1	8	23.39	22.19	0.166	
			1	14	23.93	22.73	0.187	
			8	0	22.27	21.07	0.128	
			8	4	22.35	21.15	0.130	
			8	7	22.39	21.19	0.132	
			15	0	22.14	20.94	0.124	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1851.5	18615	3	1	0	22.29	21.09	0.129
				1	8	22.29	21.09	0.129
				1	14	22.28	21.08	0.128
				8	0	22.27	21.07	0.128
				8	4	22.27	21.07	0.128
				8	7	22.26	21.06	0.128
				15	0	22.26	21.06	0.128
	1880	18900		1	0	21.98	20.78	0.120
				1	8	21.98	20.78	0.120
				1	14	21.99	20.79	0.120
				8	0	21.98	20.78	0.120
				8	4	21.98	20.78	0.120
				8	7	21.98	20.78	0.120
				15	0	21.98	20.78	0.120
	1908.5	19185		1	0	22.14	20.94	0.124
				1	8	22.19	20.99	0.126
				1	14	22.19	20.99	0.126
				8	0	22.14	20.94	0.124
				8	4	22.19	20.99	0.126
				8	7	22.19	20.99	0.126
				15	0	22.19	20.99	0.126

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	24.22	23.02	0.200
				1	12	24.04	22.84	0.192
				1	24	24.03	22.83	0.192
				12	0	23.28	22.08	0.161
				12	7	23.09	21.89	0.155
				12	13	23.09	21.89	0.155
				25	0	23.01	21.81	0.152
	1880	18900		1	0	23.93	22.73	0.187
				1	12	23.97	22.77	0.189
				1	24	23.96	22.76	0.189
				12	0	22.88	21.68	0.147
				12	7	22.79	21.59	0.144
				12	13	22.78	21.58	0.144
				25	0	22.84	21.64	0.146
	1907.5	19175		1	0	24.01	22.81	0.191
				1	12	23.96	22.76	0.189
				1	24	24.05	22.85	0.193
				12	0	23.11	21.91	0.155
				12	7	23.08	21.88	0.154
				12	13	23.18	21.98	0.158
				25	0	23.14	21.94	0.156
16QAM	1852.5	18625		1	0	22.45	21.25	0.133
				1	12	22.30	21.10	0.129
				1	24	22.30	21.10	0.129
				12	0	22.26	21.06	0.128
				12	7	22.11	20.91	0.123
				12	13	22.11	20.91	0.123
				25	0	22.29	21.09	0.129
	1880	18900	1	0	23.00	21.80	0.151	
			1	12	23.18	21.98	0.158	
			1	24	23.17	21.97	0.157	
			12	0	21.96	20.76	0.119	
			12	7	21.97	20.77	0.119	
			12	13	21.97	20.77	0.119	
			25	0	21.99	20.79	0.120	
	1907.5	19175	1	0	23.13	21.93	0.156	
			1	12	23.20	22.00	0.158	
			1	24	23.10	21.90	0.155	
			12	0	22.00	20.80	0.120	
			12	7	22.04	20.84	0.121	
			12	13	22.07	20.87	0.122	
			25	0	22.15	20.95	0.124	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1852.5	18625	5	1	0	22.33	21.13	0.130
				1	12	22.25	21.05	0.127
				1	24	22.33	21.13	0.130
				12	0	22.30	21.10	0.129
				12	7	22.33	21.13	0.130
				12	13	22.25	21.05	0.127
				25	0	22.33	21.13	0.130
	1880	18900		1	0	21.99	20.79	0.120
				1	12	21.99	20.79	0.120
				1	24	22.00	20.80	0.120
				12	0	22.00	20.80	0.120
				12	7	22.00	20.80	0.120
				12	13	22.00	20.80	0.120
				25	0	22.00	20.80	0.120
	1907.5	19175		1	0	22.15	20.95	0.124
				1	12	22.05	20.85	0.122
				1	24	22.06	20.86	0.122
				12	0	22.06	20.86	0.122
				12	7	22.06	20.86	0.122
				12	13	22.06	20.86	0.122
				25	0	22.06	20.86	0.122

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1855	18650	10	1	0	24.14	22.94	0.197
				1	25	23.94	22.74	0.188
				1	49	23.95	22.75	0.188
				25	0	22.96	21.76	0.150
				25	12	23.06	21.86	0.153
				25	25	23.06	21.86	0.153
				50	0	23.07	21.87	0.154
	1880	18900		1	0	23.91	22.71	0.187
				1	25	23.96	22.76	0.189
				1	49	23.99	22.79	0.190
				25	0	22.87	21.67	0.147
				25	12	22.94	21.74	0.149
				25	25	22.94	21.74	0.149
				50	0	22.90	21.70	0.148
	1905	19150		1	0	24.05	22.85	0.193
				1	25	24.16	22.96	0.198
				1	49	24.12	22.92	0.196
				25	0	23.09	21.89	0.155
				25	12	23.15	21.95	0.157
				25	25	23.15	21.95	0.157
				50	0	23.09	21.89	0.155
16QAM	1855	18650		1	0	23.67	22.47	0.177
				1	25	23.48	22.28	0.169
				1	49	23.49	22.29	0.169
				25	0	22.15	20.95	0.124
				25	12	22.16	20.96	0.125
				25	25	22.16	20.96	0.125
				50	0	22.15	20.95	0.124
	1880	18900	1	0	23.01	21.81	0.152	
			1	25	23.69	22.49	0.177	
			1	49	23.68	22.48	0.177	
			25	0	22.01	20.81	0.121	
			25	12	21.96	20.76	0.119	
			25	25	21.97	20.77	0.119	
			50	0	22.01	20.81	0.121	
	1905	19150	1	0	22.92	21.72	0.149	
			1	25	23.15	21.95	0.157	
			1	49	23.01	21.81	0.152	
			25	0	22.44	21.24	0.133	
			25	12	22.37	21.17	0.131	
			25	25	22.37	21.17	0.131	
			50	0	22.22	21.02	0.126	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1855	18650	10	1	0	22.14	20.94	0.124
				1	25	22.15	20.95	0.124
				1	49	22.14	20.94	0.124
				25	0	22.14	20.94	0.124
				25	12	22.15	20.95	0.124
				25	25	22.15	20.95	0.124
				50	0	22.14	20.94	0.124
	1880	18900		1	0	21.97	20.77	0.119
				1	25	22.01	20.81	0.121
				1	49	21.95	20.75	0.119
				25	0	21.94	20.74	0.119
				25	12	21.95	20.75	0.119
				25	25	21.98	20.78	0.120
				50	0	21.95	20.75	0.119
	1905	19150		1	0	22.28	21.08	0.128
				1	25	22.29	21.09	0.129
				1	49	22.23	21.03	0.127
				25	0	22.29	21.09	0.129
				25	12	22.29	21.09	0.129
				25	25	22.34	21.14	0.130
				50	0	22.18	20.98	0.125

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	18675	15	1	0	23.97	22.77	0.189
				1	37	23.96	22.76	0.189
				1	74	23.98	22.78	0.190
				36	0	23.11	21.91	0.155
				36	29	23.15	21.95	0.157
				36	30	23.16	21.96	0.157
				75	0	23.10	21.90	0.155
	1880	18900		1	0	23.71	22.51	0.178
				1	37	23.77	22.57	0.181
				1	74	23.76	22.56	0.180
				36	0	22.83	21.63	0.146
				36	29	22.97	21.77	0.150
				36	30	22.96	21.76	0.150
				75	0	22.85	21.65	0.146
	1902.5	19125		1	0	23.95	22.75	0.188
				1	37	24.22	23.02	0.200
				1	74	24.23	23.03	0.201
				36	0	23.03	21.83	0.152
				36	29	23.13	21.93	0.156
				36	30	23.12	21.92	0.156
				75	0	23.07	21.87	0.154
16QAM	1857.5	18675		1	0	23.55	22.35	0.172
				1	37	23.29	22.09	0.162
				1	74	23.37	22.17	0.165
				36	0	22.17	20.97	0.125
				36	29	22.05	20.85	0.122
				36	30	22.04	20.84	0.121
				75	0	22.05	20.85	0.122
	1880	18900	1	0	23.33	22.13	0.163	
			1	37	23.33	22.13	0.163	
			1	74	23.32	22.12	0.163	
			36	0	21.99	20.79	0.120	
			36	29	22.00	20.80	0.120	
			36	30	21.99	20.79	0.120	
			75	0	21.98	20.78	0.120	
	1902.5	19125	1	0	23.77	22.57	0.181	
			1	37	24.10	22.90	0.195	
			1	74	23.98	22.78	0.190	
			36	0	22.17	20.97	0.125	
			36	29	22.11	20.91	0.123	
			36	30	22.11	20.91	0.123	
			75	0	22.24	21.04	0.127	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1857.5	18675	15	1	0	22.05	20.85	0.122
				1	37	22.04	20.84	0.121
				1	74	22.04	20.84	0.121
				36	0	22.15	20.95	0.124
				36	29	22.14	20.94	0.124
				36	30	22.14	20.94	0.124
				75	0	22.02	20.82	0.121
	1880	18900		1	0	21.99	20.79	0.120
				1	37	21.99	20.79	0.120
				1	74	21.99	20.79	0.120
				36	0	21.99	20.79	0.120
				36	29	21.98	20.78	0.120
				36	30	21.98	20.78	0.120
				75	0	21.98	20.78	0.120
	1902.5	19125		1	0	22.24	21.04	0.127
				1	37	22.24	21.04	0.127
				1	74	22.25	21.05	0.127
				36	0	22.25	21.05	0.127
				36	29	22.25	21.05	0.127
				36	30	22.25	21.05	0.127
				75	0	22.25	21.05	0.127

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	24.31	23.11	0.205
				1	49	24.06	22.86	0.193
				1	99	24.06	22.86	0.193
				50	0	22.92	21.72	0.149
				50	24	22.95	21.75	0.150
				50	50	22.95	21.75	0.150
				100	0	23.00	21.80	0.151
	1880	18900		1	0	24.05	22.85	0.193
				1	49	24.13	22.93	0.196
				1	99	24.11	22.91	0.195
				50	0	22.78	21.58	0.144
				50	24	22.88	21.68	0.147
				50	50	22.87	21.67	0.147
				100	0	22.80	21.60	0.145
	1900	19100		1	0	23.98	22.78	0.190
				1	49	24.30	23.10	0.204
				1	99	24.18	22.98	0.199
				50	0	23.03	21.83	0.152
				50	24	23.19	21.99	0.158
				50	50	23.19	21.99	0.158
				100	0	23.21	22.01	0.159
16QAM	1860	18700		1	0	23.38	22.18	0.165
				1	49	23.07	21.87	0.154
				1	99	23.08	21.88	0.154
				50	0	22.17	20.97	0.125
				50	24	22.09	20.89	0.123
				50	50	22.09	20.89	0.123
				100	0	22.10	20.90	0.123
	1880	18900	1	0	22.81	21.61	0.145	
			1	49	22.87	21.67	0.147	
			1	99	22.99	21.79	0.151	
			50	0	22.04	20.84	0.121	
			50	24	22.00	20.80	0.120	
			50	50	22.00	20.80	0.120	
			100	0	21.95	20.75	0.119	
	1900	19100	1	0	23.66	22.46	0.176	
			1	49	23.97	22.77	0.189	
			1	99	23.96	22.76	0.189	
			50	0	22.06	20.86	0.122	
			50	24	22.26	21.06	0.128	
			50	50	22.27	21.07	0.128	
			100	0	22.24	21.04	0.127	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1860	18700	20	1	0	22.10	20.90	0.123
				1	49	22.10	20.90	0.123
				1	99	22.10	20.90	0.123
				50	0	22.11	20.91	0.123
				50	24	22.11	20.91	0.123
				50	50	22.12	20.92	0.124
				100	0	22.11	20.91	0.123
	1880	18900		1	0	21.96	20.76	0.119
				1	49	21.96	20.76	0.119
				1	99	21.96	20.76	0.119
				50	0	21.96	20.76	0.119
				50	24	21.96	20.76	0.119
				50	50	21.96	20.76	0.119
				100	0	21.95	20.75	0.119
	1900	19100		1	0	22.36	21.16	0.131
				1	49	22.25	21.05	0.127
				1	99	22.25	21.05	0.127
				50	0	22.25	21.05	0.127
				50	24	22.25	21.05	0.127
				50	50	22.25	21.05	0.127
				100	0	22.25	21.05	0.127