

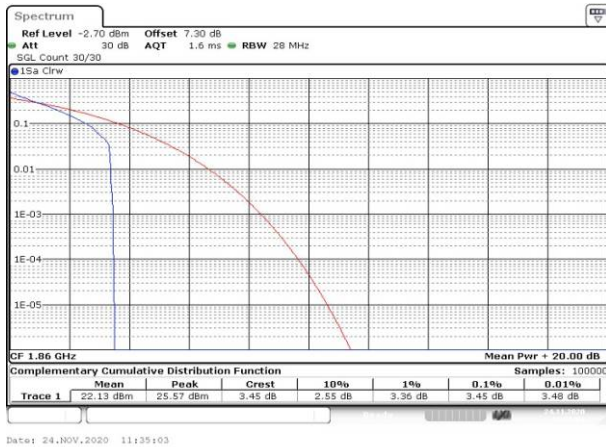


Fig.91

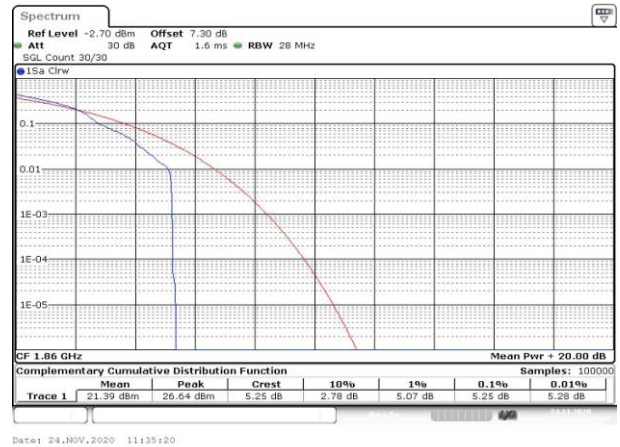


Fig.92

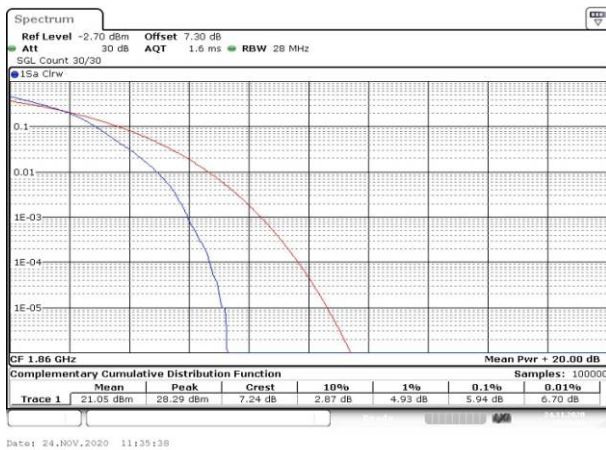


Fig.93

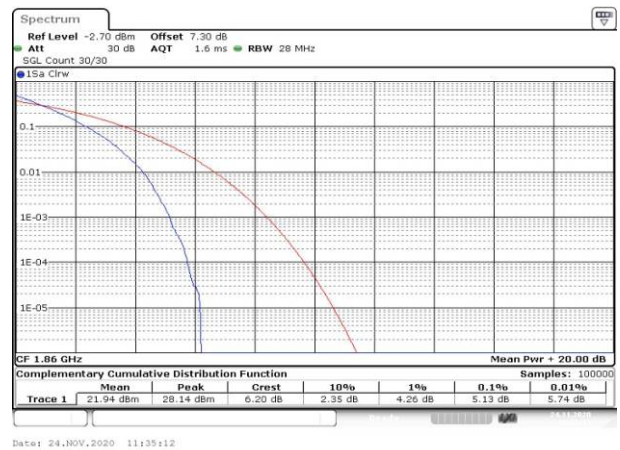


Fig.94

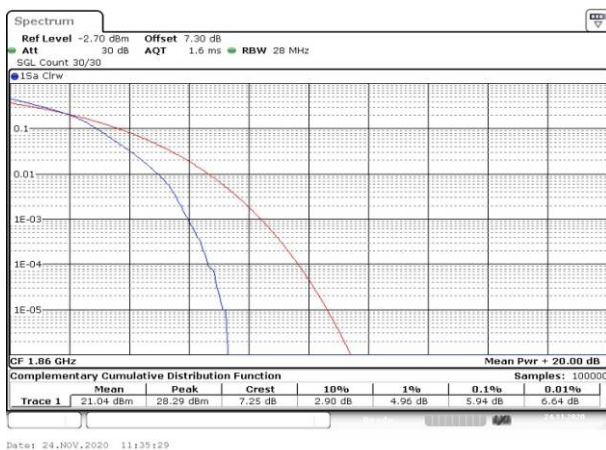


Fig.95

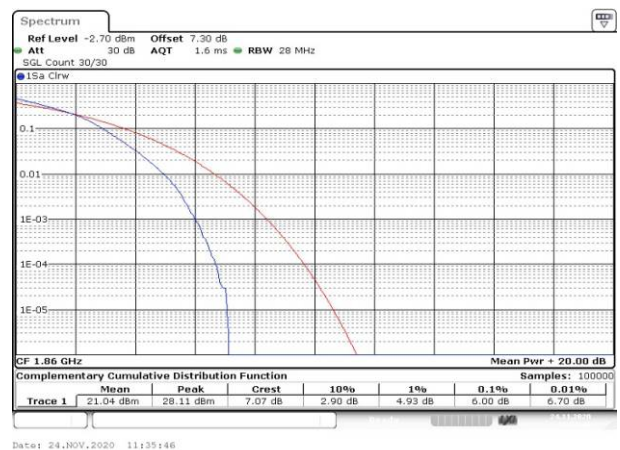


Fig.96

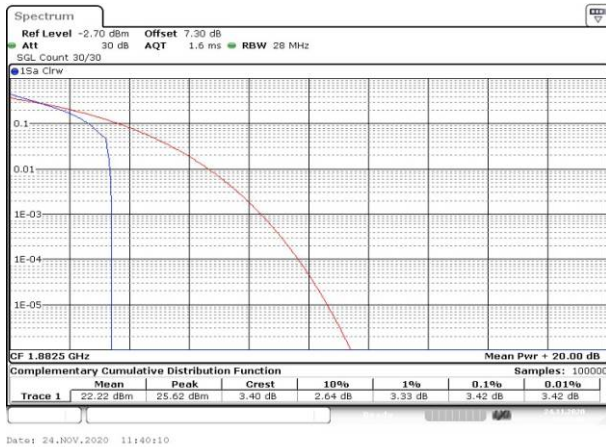


Fig.97

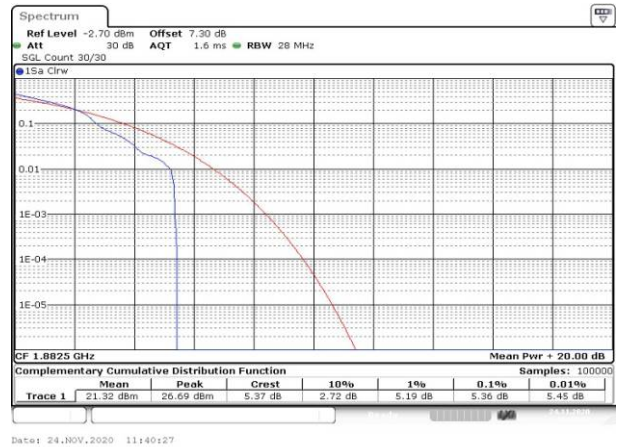


Fig.98

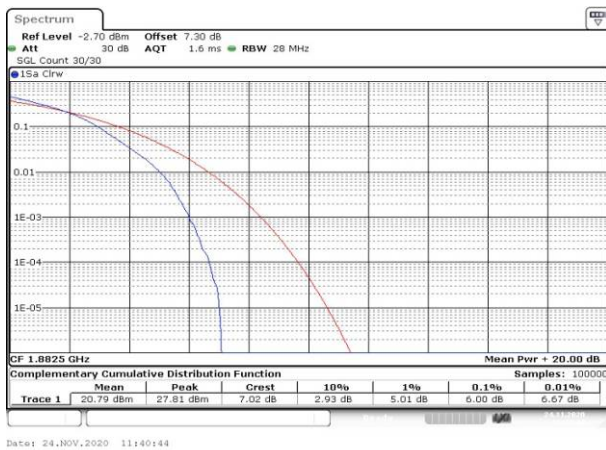


Fig.99

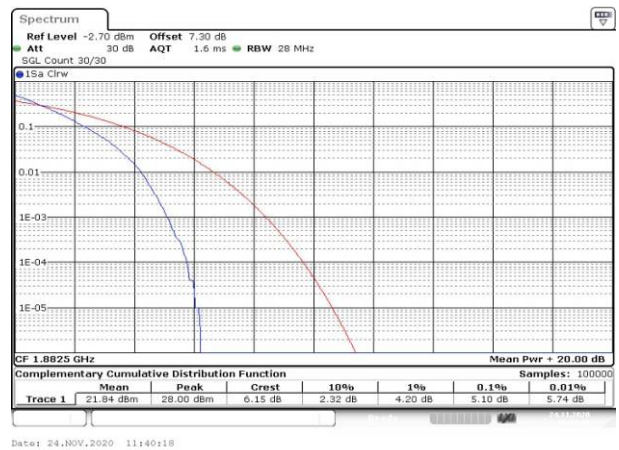


Fig.100

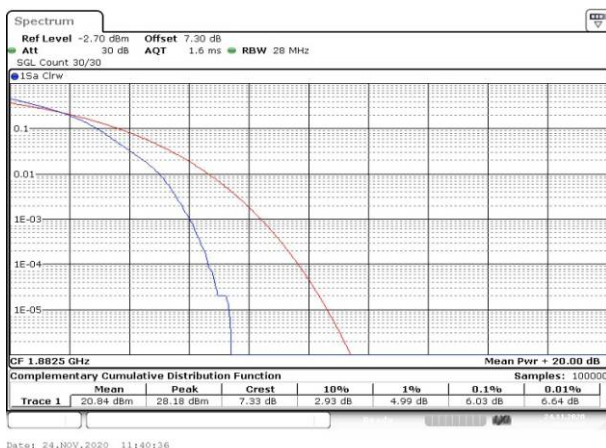


Fig.101

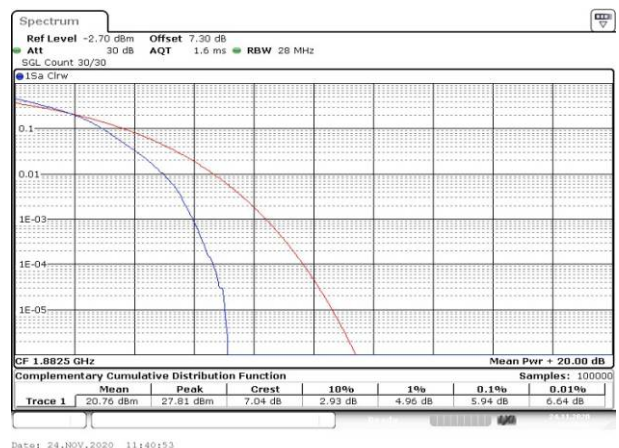


Fig.102

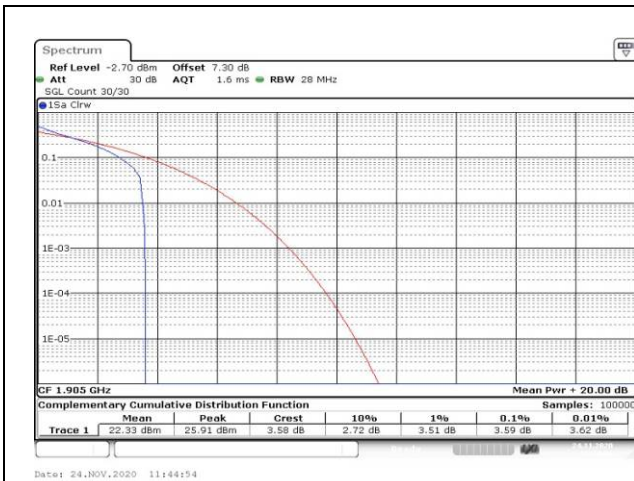


Fig.103

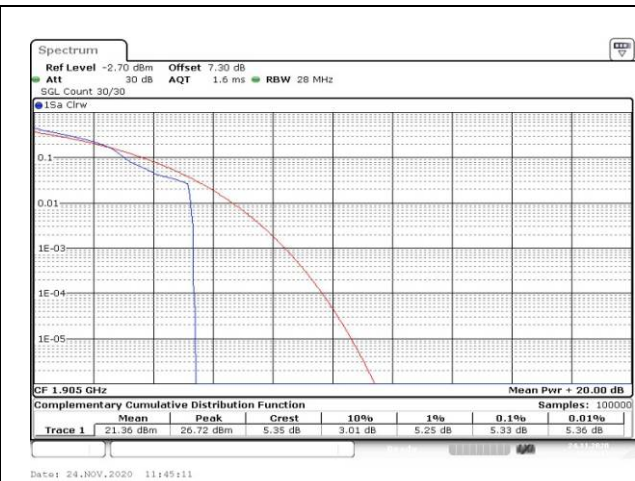


Fig.104



Fig.105



Fig.106

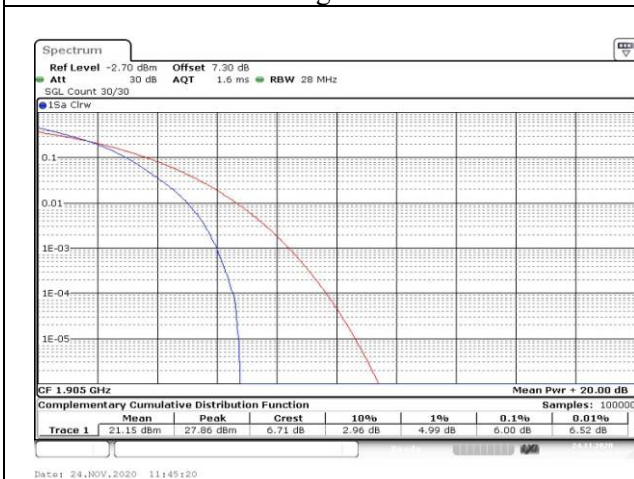


Fig.107

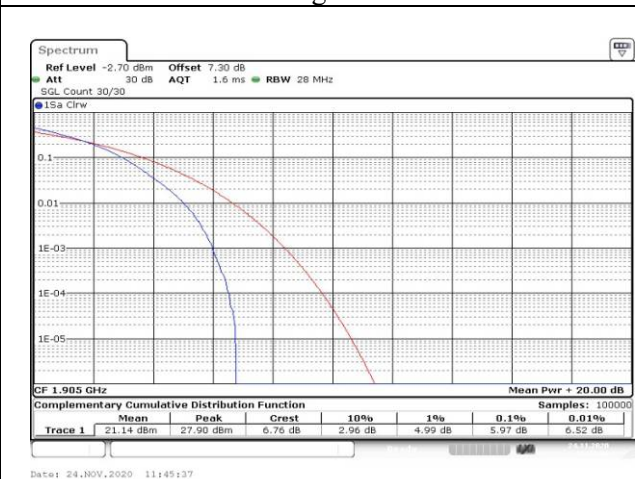


Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot QPSK
25	1860	26140	20	1	99	Fig.1
	1882.5	26365		1	99	Fig.2
	1905	26590		1	99	Fig.3

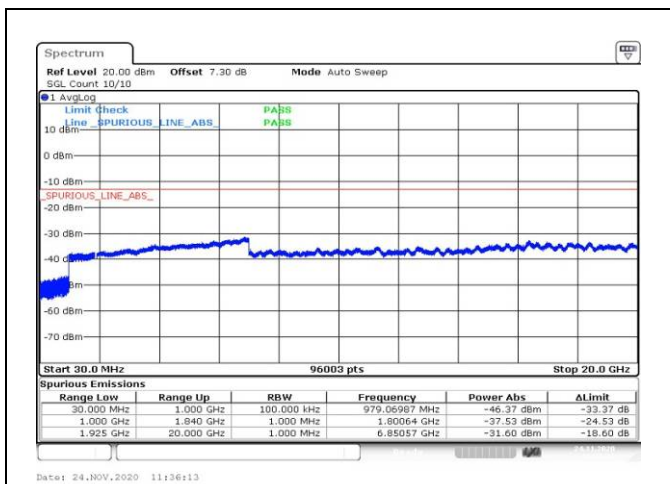


Fig.1

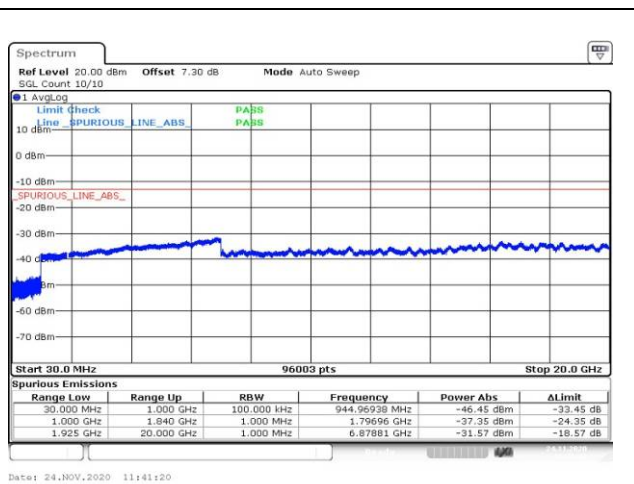


Fig.2

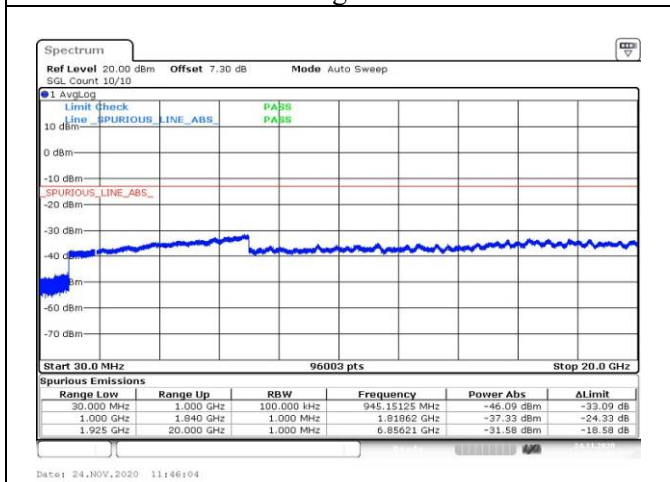
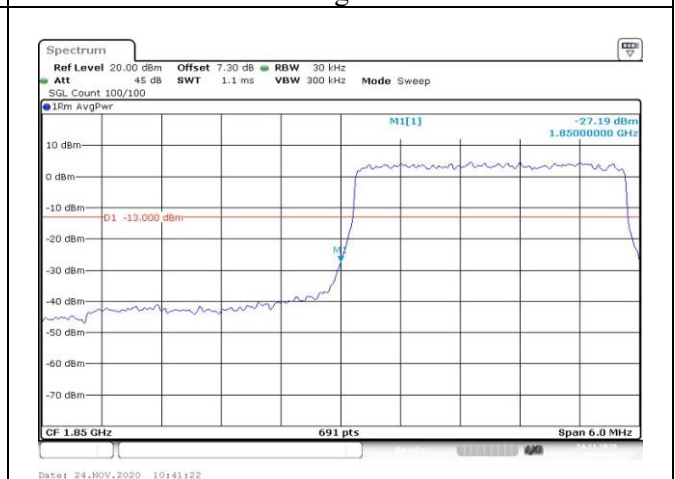
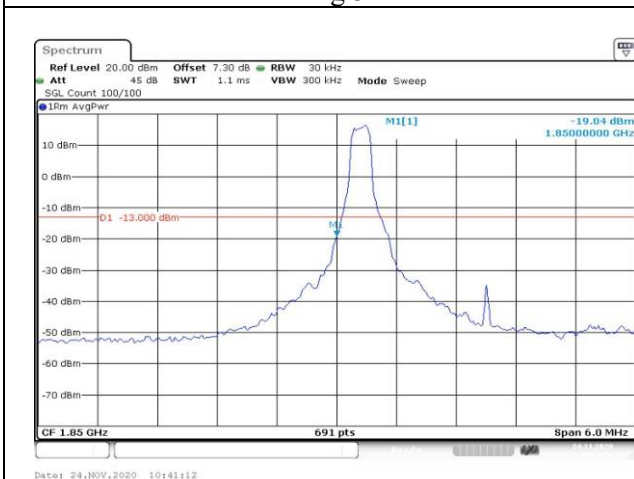
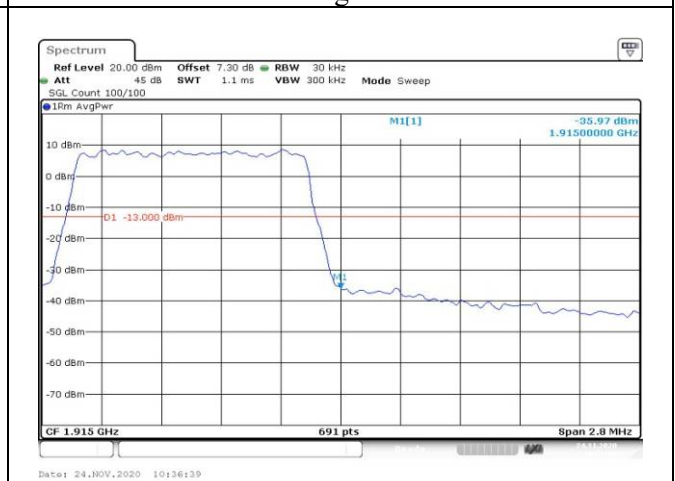
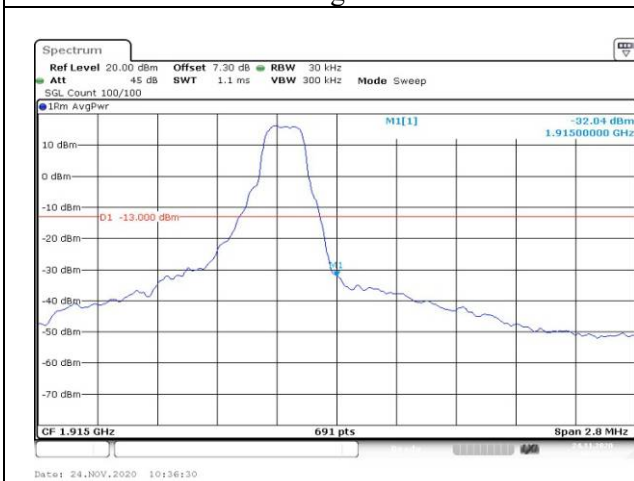
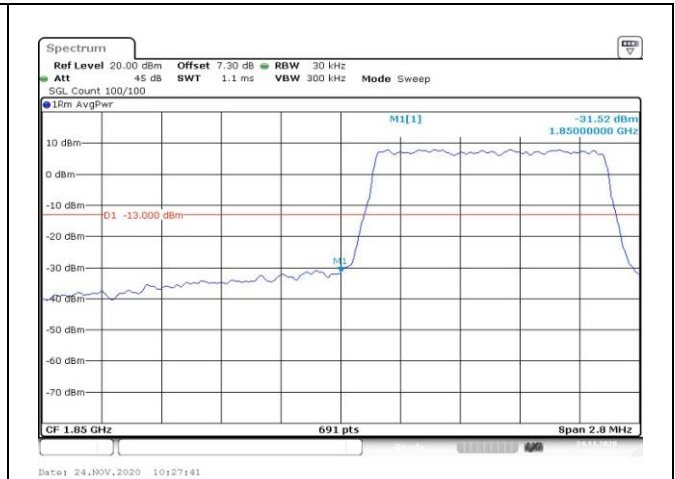
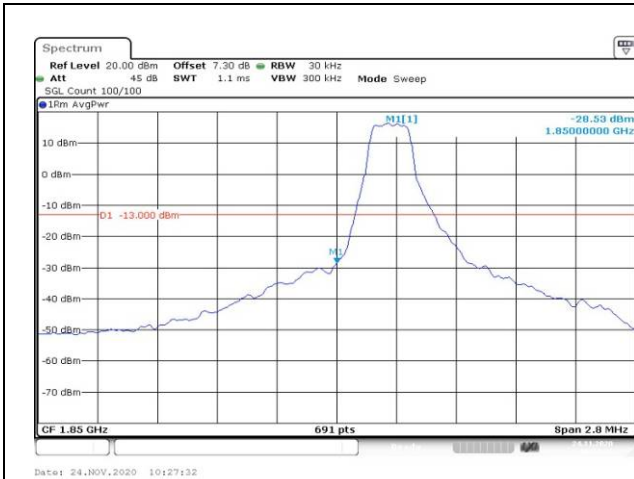


Fig.3

6 Band Edges Compliance

Band Edges Compliance						
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
25	1850.7	26047	1.4	1	0	Fig.1
				6	0	Fig.2
	1914.3	26683		1	5	Fig.3
				6	0	Fig.4
	1851.5	26055	3	1	0	Fig.5
				15	0	Fig.6
	1913.5	26675		1	14	Fig.7
				15	0	Fig.8
	1852.5	26065	5	1	0	Fig.9
				25	0	Fig.10
	1912.5	26665		1	24	Fig.11
				25	0	Fig.12
	1855	26090	10	1	0	Fig.13
				50	0	Fig.14
	1910	26640		1	49	Fig.15
				50	0	Fig.16
	1857.5	26115	15	1	0	Fig.17
				75	0	Fig.18
	1907.5	26615		1	74	Fig.19
				75	0	Fig.20
	1860	26140	20	1	0	Fig.21
				100	0	Fig.22
	1905	26590		1	99	Fig.23
				100	0	Fig.24



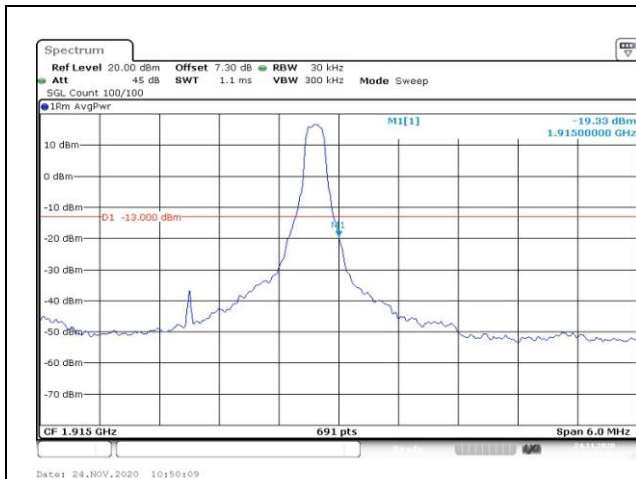


Fig.7

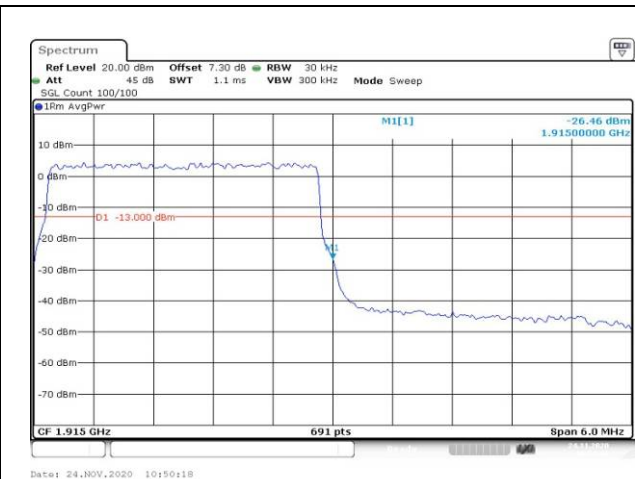


Fig.8

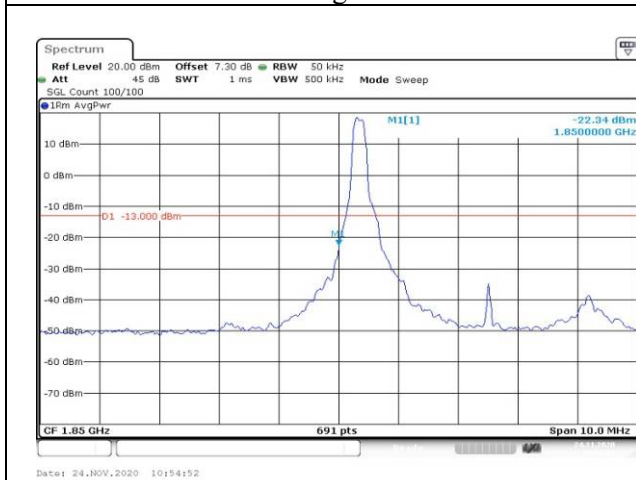


Fig.9

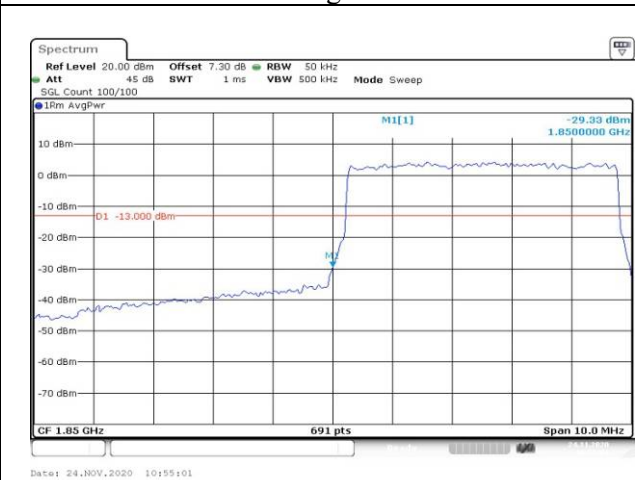


Fig.10

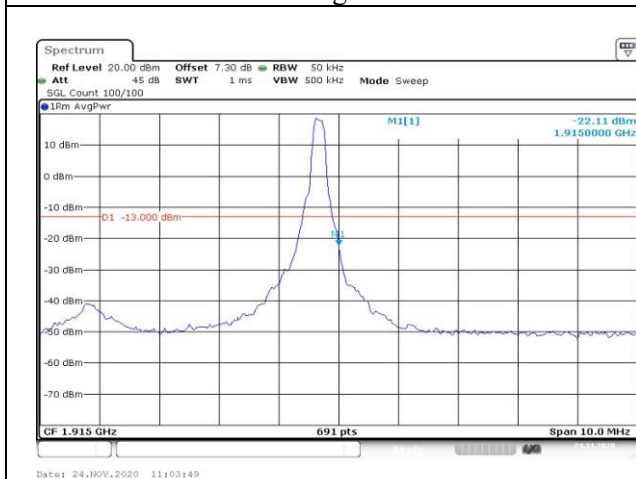


Fig.11

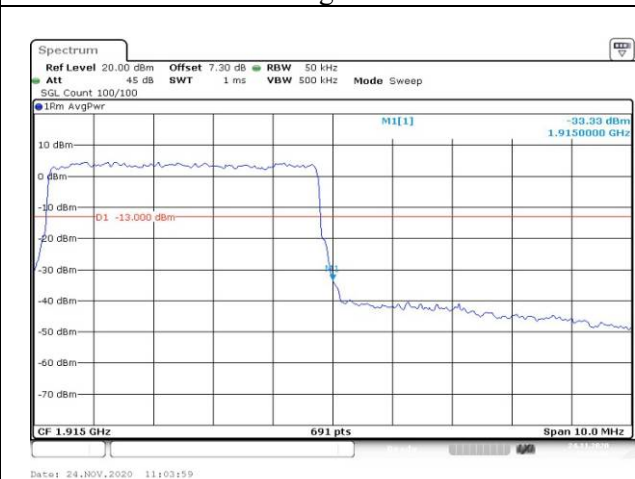


Fig.12

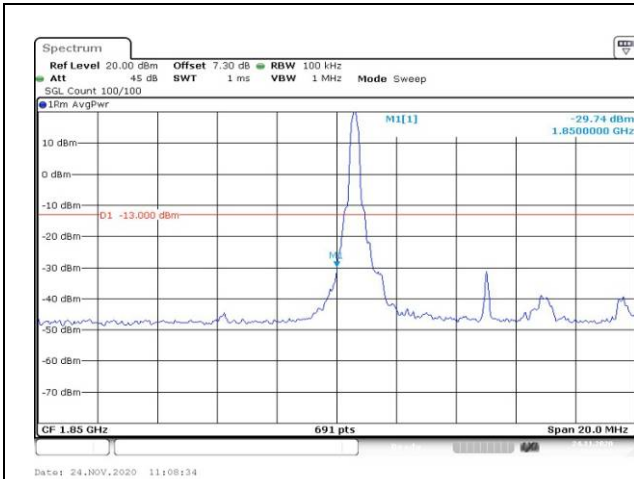


Fig.13

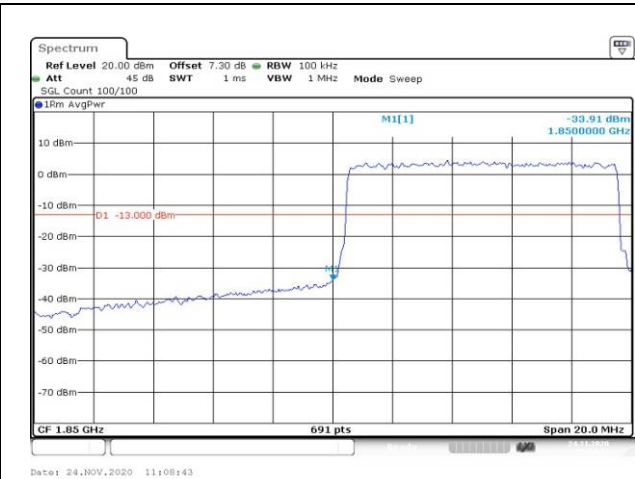


Fig.14

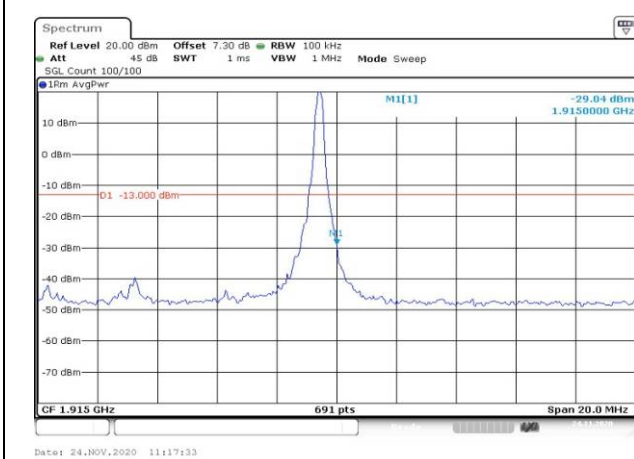


Fig.15

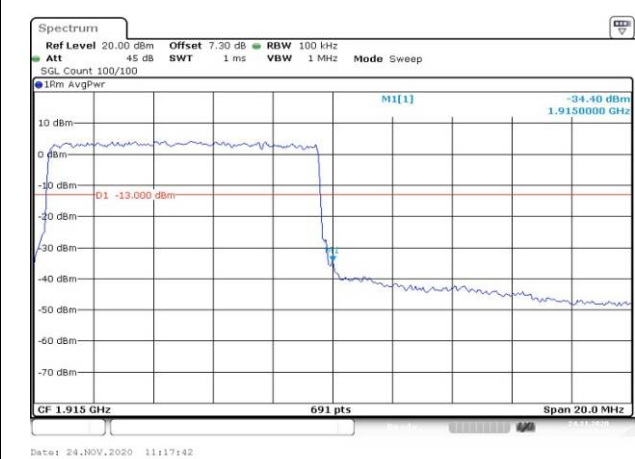


Fig.16

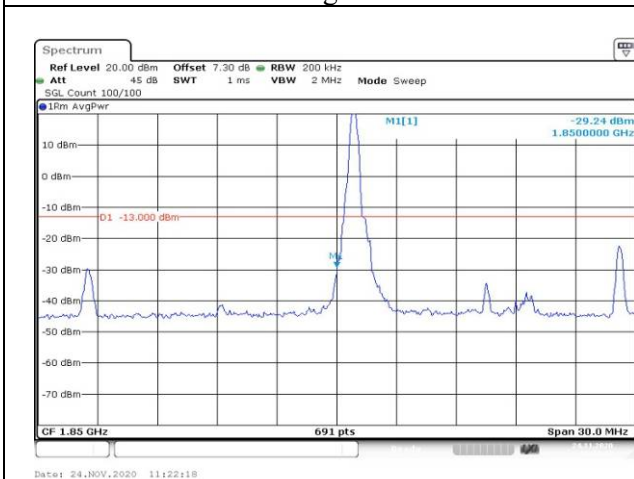


Fig.17

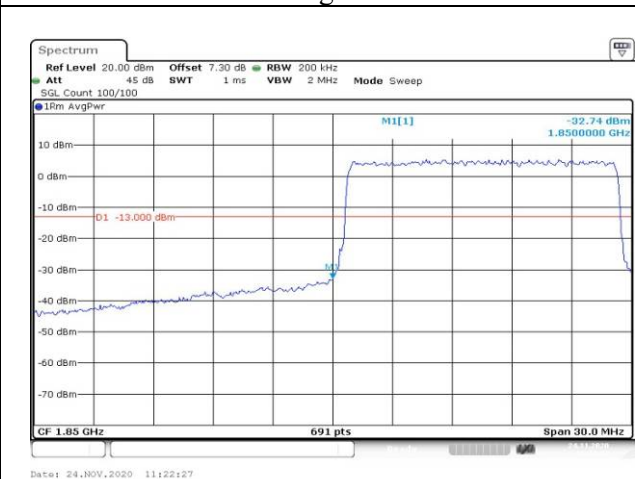


Fig.18

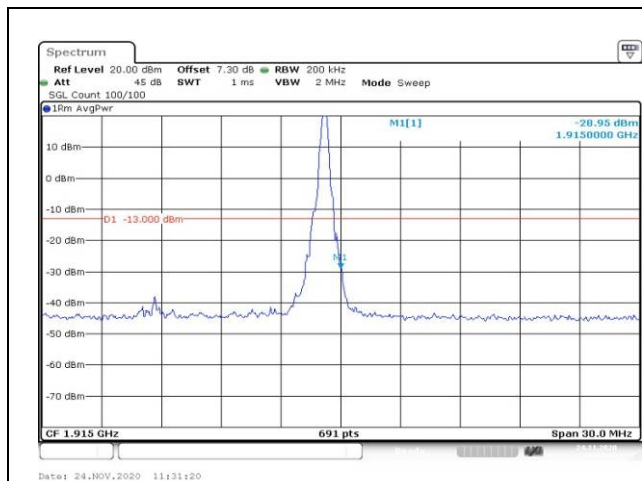


Fig.19

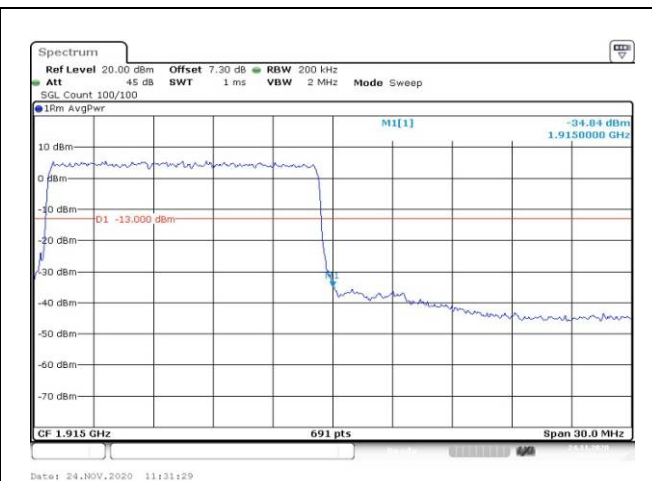


Fig.20

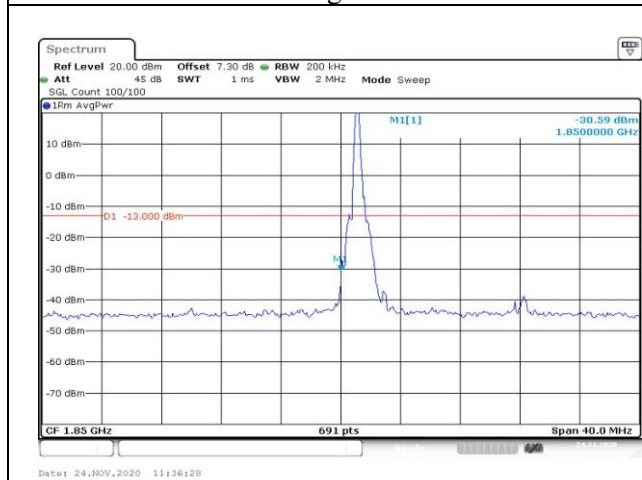


Fig.21

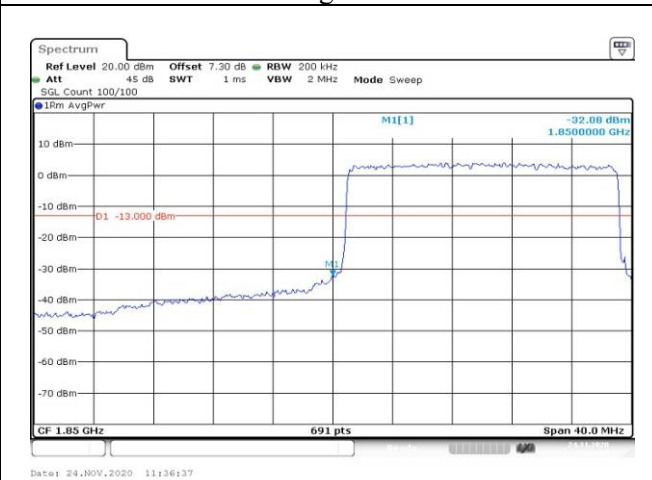


Fig.22

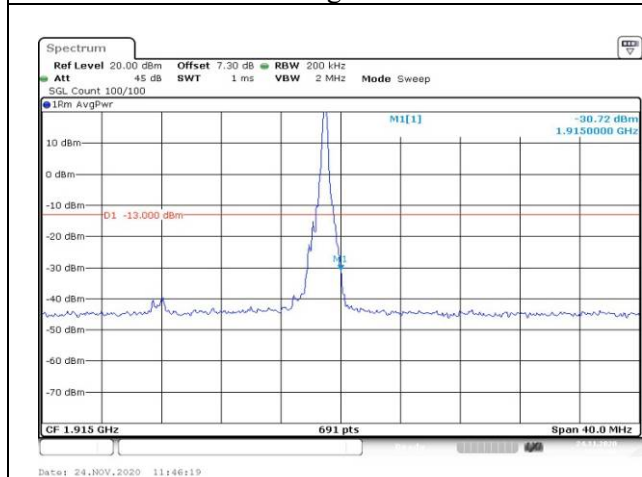


Fig.23

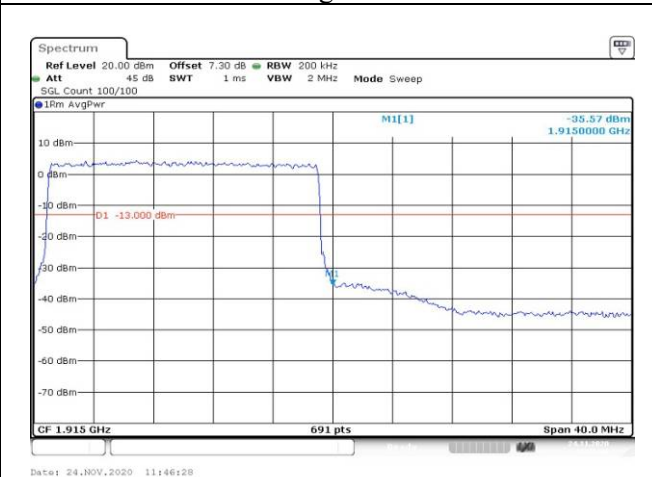


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band25 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	-0.003	-0.001	-0.009	0.003	0.005	0.003
-10	NV	-0.010	0.006	0.002	0.000	0.000	-0.005
0	NV	-0.002	0.002	-0.003	-0.003	0.007	-0.003
+10	NV	-0.003	0.005	-0.004	0.001	-0.001	-0.001
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.004	0.003	-0.005	0.004	0.000	0.000
+40	NV	-0.011	-0.004	0.000	-0.004	0.006	-0.007
+50	NV	0.000	0.006	-0.003	0.005	0.004	-0.005
+55	NV	0.005	0.002	-0.001	0.003	0.002	-0.003
+20	LV	0.005	-0.005	-0.003	0.004	0.001	-0.004
+20	HV	0.005	-0.005	-0.003	0.004	0.001	-0.004

Temperature(°C)	Voltage	Test Result (ppm) Band25 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.019	0.003	-0.004	-0.007	0.001	0.010
-10	NV	0.002	-0.002	-0.001	-0.006	-0.003	0.009
0	NV	0.013	0.003	-0.005	-0.002	0.001	0.001
+10	NV	0.024	0.007	-0.001	-0.005	0.001	0.007
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.003	0.004	-0.002	-0.005	-0.001	0.006
+40	NV	0.024	0.002	-0.001	-0.001	0.002	0.001
+50	NV	0.003	0.005	-0.004	-0.005	0.001	0.005
+55	NV	0.007	0.004	-0.002	-0.003	0.005	0.003
+20	LV	0.015	-0.001	-0.004	0.004	0.001	0.001
+20	HV	0.015	-0.001	-0.004	0.001	0.001	0.001

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1850.7	26047	1.4	1	0	23.22	25.22	0.333	
				1	3	23.21	25.21	0.332	
				1	5	23.19	25.19	0.330	
				3	0	23.15	25.15	0.327	
				3	1	23.19	25.19	0.330	
				3	3	23.19	25.19	0.330	
	1882.5	26365		6	0	22.24	24.24	0.265	
				1	0	22.86	24.86	0.306	
				1	3	22.92	24.92	0.310	
				1	5	23.02	25.02	0.318	
				3	0	22.80	24.80	0.302	
				3	1	22.99	24.99	0.316	
	1914.3	26683		3	3	22.95	24.95	0.313	
				6	0	21.95	23.95	0.248	
				1	0	23.21	25.21	0.332	
				1	3	23.32	25.32	0.340	
				1	5	23.30	25.30	0.339	
				3	0	23.22	25.22	0.333	
	16QAM	1850.7		26047	3	1	23.24	25.24	0.334
					3	3	23.24	25.24	0.334
					6	0	22.31	24.31	0.270
					1	0	22.35	24.35	0.272
					1	3	22.31	24.31	0.270
					1	5	22.37	24.37	0.274
1882.5		26365		3	0	22.23	24.23	0.265	
				3	1	22.34	24.34	0.272	
				3	3	22.42	24.42	0.277	
				6	0	21.20	23.20	0.209	
				1	0	21.96	23.96	0.249	
				1	3	22.14	24.14	0.259	
1914.3		26683		1	5	22.13	24.13	0.259	
				3	0	22.16	24.16	0.261	
				3	1	22.27	24.27	0.267	
				3	3	22.30	24.30	0.269	
				6	0	21.00	23.00	0.200	
				1	0	22.32	24.32	0.270	
1850.7		26047		1	3	22.42	24.42	0.277	
				1	5	22.48	24.48	0.281	
				3	0	22.20	24.20	0.263	
				3	1	22.27	24.27	0.267	
				3	3	22.30	24.30	0.269	
				6	0	21.35	23.35	0.216	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1850.7	26047	1.4	1	0	21.21	23.21	0.209
				1	3	21.17	23.17	0.207
				1	5	21.16	23.16	0.207
				3	0	21.15	23.15	0.207
				3	1	21.23	23.23	0.210
				3	3	21.19	23.19	0.208
	1882.5	26365		6	0	21.14	23.14	0.206
				1	0	21.00	23.00	0.200
				1	3	21.00	23.00	0.200
				1	5	21.02	23.02	0.200
				3	0	21.00	23.00	0.200
				3	1	21.01	23.01	0.200
				3	3	21.01	23.01	0.200
				6	0	20.96	22.96	0.198
	1914.3	26683		1	0	21.39	23.39	0.218
				1	3	21.36	23.36	0.217
				1	5	21.39	23.39	0.218
				3	0	21.36	23.36	0.217
				3	1	21.40	23.40	0.219
				3	3	21.37	23.37	0.217
				6	0	21.36	23.36	0.217

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	26055	3	1	0	23.10	25.10	0.324
				1	8	23.23	25.23	0.333
				1	14	23.21	25.21	0.332
				8	0	22.23	24.23	0.265
				8	4	22.28	24.28	0.268
				8	7	22.28	24.28	0.268
				15	0	22.29	24.29	0.269
	1882.5	26365		1	0	22.99	24.99	0.316
				1	8	23.12	25.12	0.325
				1	14	23.18	25.18	0.330
				8	0	22.01	24.01	0.252
				8	4	22.16	24.16	0.261
				8	7	22.16	24.16	0.261
				15	0	22.03	24.03	0.253
	1913.5	26675		1	0	23.18	25.18	0.330
				1	8	23.34	25.34	0.342
				1	14	23.32	25.32	0.340
				8	0	22.31	24.31	0.270
				8	4	22.42	24.42	0.277
				8	7	22.42	24.42	0.277
				15	0	22.37	24.37	0.274
16QAM	1851.5	26055	1	0	22.80	24.80	0.302	
			1	8	22.86	24.86	0.306	
			1	14	22.86	24.86	0.306	
			8	0	21.44	23.44	0.221	
			8	4	21.51	23.51	0.224	
			8	7	21.49	23.49	0.223	
			15	0	21.35	23.35	0.216	
	1882.5	26365	1	0	22.15	24.15	0.260	
			1	8	22.36	24.36	0.273	
			1	14	22.25	24.25	0.266	
			8	0	20.99	22.99	0.199	
			8	4	21.12	23.12	0.205	
			8	7	21.12	23.12	0.205	
			15	0	21.02	23.02	0.200	
	1913.5	26675	1	0	22.43	24.43	0.277	
			1	8	22.52	24.52	0.283	
			1	14	22.52	24.52	0.283	
			8	0	21.40	23.40	0.219	
			8	4	21.49	23.49	0.223	
			8	7	21.49	23.49	0.223	
			15	0	21.43	23.43	0.220	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1851.5	26055	3	1	0	21.26	23.26	0.212
				1	8	21.35	23.35	0.216
				1	14	21.41	23.41	0.219
				8	0	21.38	23.38	0.218
				8	4	21.34	23.34	0.216
				8	7	21.34	23.34	0.216
	15	0		21.92	23.92	0.247		
	1882.5	26365		1	0	21.02	23.02	0.200
				1	8	20.99	22.99	0.199
				1	14	21.02	23.02	0.200
				8	0	21.05	23.05	0.202
				8	4	21.05	23.05	0.202
				8	7	21.06	23.06	0.202
	15	0		20.98	22.98	0.199		
	1913.5	26675		1	0	21.44	23.44	0.221
				1	8	21.43	23.43	0.220
				1	14	21.47	23.47	0.222
				8	0	21.47	23.47	0.222
				8	4	21.47	23.47	0.222
				8	7	21.46	23.46	0.222
				15	0	21.46	23.46	0.222

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1852.5	26065	5	1	0	23.19	25.19	0.330	
				1	12	23.12	25.12	0.325	
				1	24	23.11	25.11	0.324	
				12	0	22.22	24.22	0.264	
				12	7	22.28	24.28	0.268	
				12	13	22.28	24.28	0.268	
				25	0	22.27	24.27	0.267	
	1882.5	26365		1	0	22.92	24.92	0.310	
				1	12	23.06	25.06	0.321	
				1	24	23.05	25.05	0.320	
				12	0	21.99	23.99	0.251	
				12	7	22.18	24.18	0.262	
				12	13	22.18	24.18	0.262	
				25	0	22.09	24.09	0.256	
	1912.5	26665		1	0	23.35	25.35	0.343	
				1	12	23.35	25.35	0.343	
				1	24	23.33	25.33	0.341	
				12	0	22.36	24.36	0.273	
				12	7	22.46	24.46	0.279	
				12	13	22.45	24.45	0.279	
				25	0	22.43	24.43	0.277	
	16QAM	1852.5		26065	1	0	22.32	24.32	0.270
					1	12	22.17	24.17	0.261
					1	24	22.26	24.26	0.267
12					0	21.24	23.24	0.211	
12					7	21.25	23.25	0.211	
12					13	21.26	23.26	0.212	
25					0	21.30	23.30	0.214	
1882.5		26365		1	0	22.33	24.33	0.271	
				1	12	22.41	24.41	0.276	
			1	24	22.48	24.48	0.281		
			12	0	21.08	23.08	0.203		
			12	7	21.25	23.25	0.211		
			12	13	21.30	23.30	0.214		
			25	0	21.08	23.08	0.203		
1912.5		26665	1	0	22.46	24.46	0.279		
			1	12	22.48	24.48	0.281		
			1	24	22.60	24.60	0.288		
			12	0	21.31	23.31	0.214		
			12	7	21.43	23.43	0.220		
			12	13	21.44	23.44	0.221		
			25	0	21.44	23.44	0.221		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1852.5	26065	5	1	0	21.36	23.36	0.217
				1	12	21.33	23.33	0.215
				1	24	21.33	23.33	0.215
				12	0	21.34	23.34	0.216
				12	7	21.33	23.33	0.215
				12	13	21.33	23.33	0.215
	25	0		21.32	23.32	0.215		
	1882.5	26365		1	0	21.07	23.07	0.203
				1	12	21.07	23.07	0.203
				1	24	21.07	23.07	0.203
				12	0	21.08	23.08	0.203
				12	7	21.08	23.08	0.203
				12	13	21.07	23.07	0.203
	25	0		21.07	23.07	0.203		
	1912.5	26665		1	0	21.44	23.44	0.221
				1	12	21.45	23.45	0.221
				1	24	21.45	23.45	0.221
				12	0	21.45	23.45	0.221
				12	7	21.38	23.38	0.218
				12	13	21.44	23.44	0.221
				25	0	21.47	23.47	0.222

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1855	26090	10	1	0	23.27	25.27	0.337	
				1	25	23.12	25.12	0.325	
				1	49	23.22	25.22	0.333	
				25	0	22.25	24.25	0.266	
				25	12	22.15	24.15	0.260	
				25	25	22.23	24.23	0.265	
	50	0		22.20	24.20	0.263			
	1882.5	26365		1	0	23.03	25.03	0.318	
				1	25	23.13	25.13	0.326	
				1	49	23.11	25.11	0.324	
				25	0	22.04	24.04	0.254	
				25	12	22.19	24.19	0.262	
				25	25	22.11	24.11	0.258	
	50	0		22.12	24.12	0.258			
	1910	26640		1	0	23.23	25.23	0.333	
				1	25	23.24	25.24	0.334	
				1	49	23.48	25.48	0.353	
				25	0	22.26	24.26	0.267	
				25	12	22.41	24.41	0.276	
				25	25	22.38	24.38	0.274	
	16QAM	1855		26090	50	0	22.26	24.26	0.267
					1	0	22.85	24.85	0.305
					1	25	22.61	24.61	0.289
					1	49	22.62	24.62	0.290
25					0	21.30	23.30	0.214	
25					12	21.26	23.26	0.212	
25		25		21.20	23.20	0.209			
50		0		21.25	23.25	0.211			
1882.5		26365		1	0	22.29	24.29	0.269	
				1	25	22.37	24.37	0.274	
				1	49	22.26	24.26	0.267	
				25	0	21.12	23.12	0.205	
				25	12	21.17	23.17	0.207	
				25	25	21.21	23.21	0.209	
50		0		21.11	23.11	0.205			
1910		26640		1	0	22.39	24.39	0.275	
				1	25	22.56	24.56	0.286	
				1	49	22.56	24.56	0.286	
				25	0	21.37	23.37	0.217	
				25	12	21.59	23.59	0.229	
				25	25	21.51	23.51	0.224	
50		0		21.38	23.38	0.218			

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1855	26090	10	1	0	21.27	23.27	0.212
				1	25	21.22	23.22	0.210
				1	49	21.23	23.23	0.210
				25	0	21.22	23.22	0.210
				25	12	21.26	23.26	0.212
				25	25	21.20	23.20	0.209
	1882.5	26365		50	0	21.25	23.25	0.211
				1	0	21.11	23.11	0.205
				1	25	21.13	23.13	0.206
				1	49	21.01	23.01	0.200
				25	0	21.07	23.07	0.203
				25	12	21.08	23.08	0.203
	1910	26640		25	25	21.01	23.01	0.200
				50	0	21.11	23.11	0.205
				1	0	21.35	23.35	0.216
				1	25	21.31	23.31	0.214
				1	49	21.34	23.34	0.216
				25	0	21.37	23.37	0.217
				25	12	21.34	23.34	0.216
				25	25	21.39	23.39	0.218
	50	0		21.42	23.42	0.220		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	26115	15	1	0	23.17	25.17	0.329
				1	37	23.04	25.04	0.319
				1	74	23.03	25.03	0.318
				36	0	22.22	24.22	0.264
				36	29	22.13	24.13	0.259
				36	30	22.12	24.12	0.258
				75	0	22.20	24.20	0.263
	1882.5	26365		1	0	23.08	25.08	0.322
				1	37	23.02	25.02	0.318
				1	74	23.18	25.18	0.330
				36	0	22.06	24.06	0.255
				36	29	22.12	24.12	0.258
				36	30	22.14	24.14	0.259
				75	0	22.08	24.08	0.256
	1907.5	26615		1	0	23.26	25.26	0.336
				1	37	23.25	25.25	0.335
				1	74	23.32	25.32	0.340
				36	0	22.30	24.30	0.269
				36	29	22.38	24.38	0.274
				36	30	22.44	24.44	0.278
				75	0	22.28	24.28	0.268
16QAM	1857.5	26115	1	0	22.82	24.82	0.303	
			1	37	22.68	24.68	0.294	
			1	74	22.78	24.78	0.301	
			36	0	21.21	23.21	0.209	
			36	29	21.15	23.15	0.207	
			36	30	21.19	23.19	0.208	
			75	0	21.21	23.21	0.209	
	1882.5	26365	1	0	22.35	24.35	0.272	
			1	37	22.16	24.16	0.261	
			1	74	22.33	24.33	0.271	
			36	0	21.12	23.12	0.205	
			36	29	21.18	23.18	0.208	
			36	30	21.21	23.21	0.209	
			75	0	21.15	23.15	0.207	
	1907.5	26615	1	0	22.81	24.81	0.303	
			1	37	22.86	24.86	0.306	
			1	74	22.85	24.85	0.305	
			36	0	21.26	23.26	0.212	
			36	29	21.40	23.40	0.219	
			36	30	21.33	23.33	0.215	
			75	0	21.28	23.28	0.213	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1857.5	26115	15	1	0	21.23	23.23	0.210
				1	37	21.21	23.21	0.209
				1	74	21.21	23.21	0.209
				36	0	21.21	23.21	0.209
				36	29	21.22	23.22	0.210
				36	30	21.10	23.10	0.204
				75	0	21.23	23.23	0.210
	1882.5	26365		1	0	21.12	23.12	0.205
				1	37	21.04	23.04	0.201
				1	74	21.08	23.08	0.203
				36	0	21.09	23.09	0.204
				36	29	21.11	23.11	0.205
				36	30	21.09	23.09	0.204
				75	0	21.08	23.08	0.203
	1907.5	26615		1	0	21.28	23.28	0.213
				1	37	21.29	23.29	0.213
				1	74	21.30	23.30	0.214
				36	0	21.27	23.27	0.212
				36	29	21.31	23.31	0.214
				36	30	21.34	23.34	0.216
				75	0	21.32	23.32	0.215

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	1860	26140	20	1	0	23.29	25.29	0.338	
				1	49	23.02	25.02	0.318	
				1	99	23.01	25.01	0.317	
				50	0	22.13	24.13	0.259	
				50	24	22.03	24.03	0.253	
				50	50	22.06	24.06	0.255	
	1882.5	26365		100	0	22.25	24.25	0.266	
				1	0	23.03	25.03	0.318	
				1	49	23.26	25.26	0.336	
				1	99	23.18	25.18	0.330	
				50	0	22.04	24.04	0.254	
				50	24	22.17	24.17	0.261	
	1905	26590		50	50	22.14	24.14	0.259	
				100	0	22.14	24.14	0.259	
				1	0	23.23	25.23	0.333	
				1	49	23.32	25.32	0.340	
				1	99	23.33	25.33	0.341	
				50	0	22.30	24.30	0.269	
	16QAM	1860		26140	50	24	22.43	24.43	0.277
					50	50	22.43	24.43	0.277
					100	0	22.32	24.32	0.270
					1	0	22.67	24.67	0.293
					1	49	22.38	24.38	0.274
					1	99	22.39	24.39	0.275
1882.5		26365		50	0	21.09	23.09	0.204	
				50	24	21.15	23.15	0.207	
				50	50	21.11	23.11	0.205	
				100	0	21.20	23.20	0.209	
				1	0	22.31	24.31	0.270	
				1	49	22.45	24.45	0.279	
1905		26590		1	99	22.52	24.52	0.283	
				50	0	21.04	23.04	0.201	
				50	24	21.11	23.11	0.205	
				50	50	21.15	23.15	0.207	
				100	0	21.06	23.06	0.202	
				1	0	22.94	24.94	0.312	
					1	49	22.87	24.87	0.307
					1	99	23.08	25.08	0.322
					50	0	21.29	23.29	0.213
					50	24	21.40	23.40	0.219
					50	50	21.44	23.44	0.221
					100	0	21.36	23.36	0.217

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1860	26140	20	1	0	21.24	23.24	0.211
				1	49	21.16	23.16	0.207
				1	99	21.23	23.23	0.210
				50	0	21.23	23.23	0.210
				50	24	21.18	23.18	0.208
				50	50	21.20	23.20	0.209
	1882.5	26365		100	0	21.17	23.17	0.207
				1	0	21.14	23.14	0.206
				1	49	21.16	23.16	0.207
				1	99	21.10	23.10	0.204
				50	0	21.15	23.15	0.207
				50	24	21.11	23.11	0.205
	1905	26590		50	50	21.14	23.14	0.206
				100	0	21.10	23.10	0.204
				1	0	21.22	23.22	0.210
				1	49	21.30	23.30	0.214
				1	99	21.32	23.32	0.215
				50	0	21.41	23.41	0.219
				50	24	21.31	23.31	0.214
				50	50	21.35	23.35	0.216
	100	0		21.28	23.28	0.213		