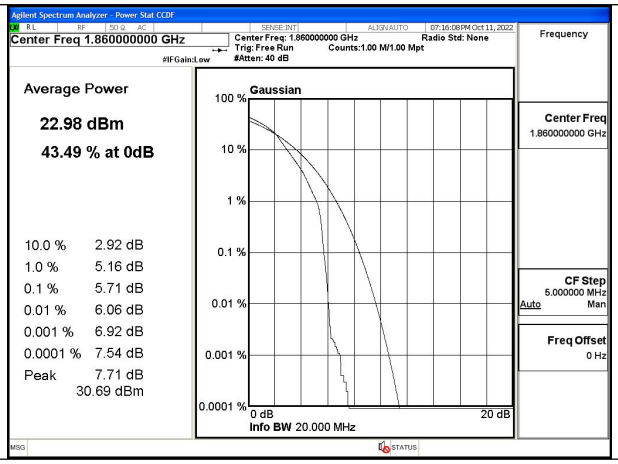


Fig.61

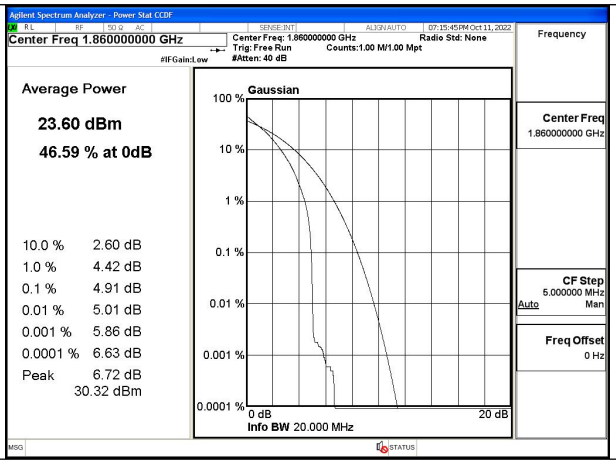
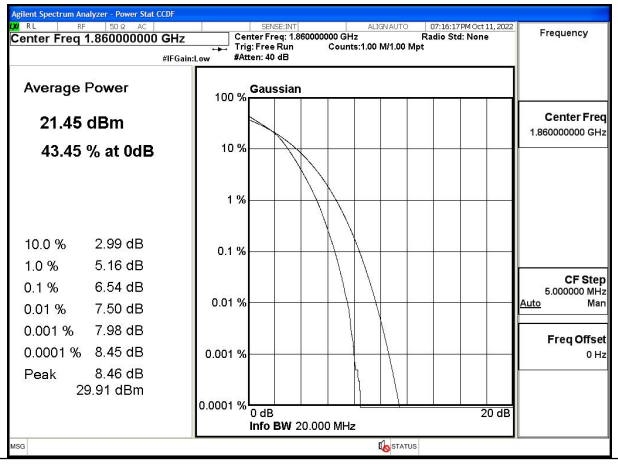


Fig.62



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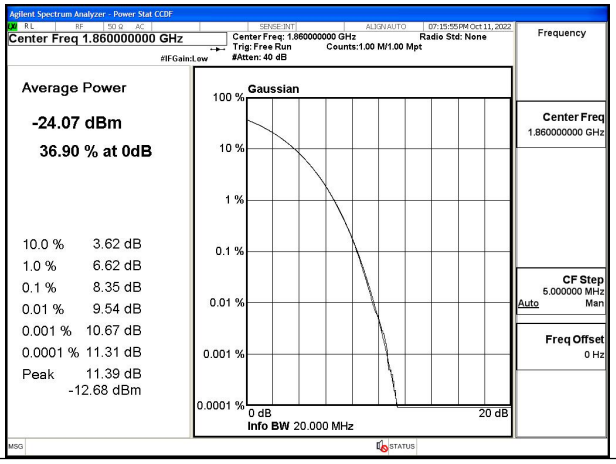

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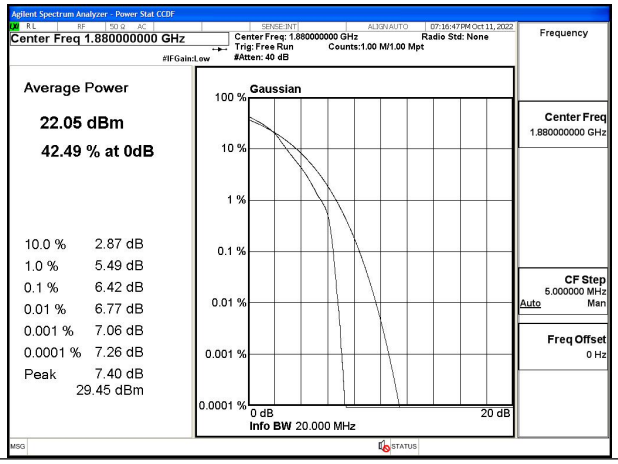

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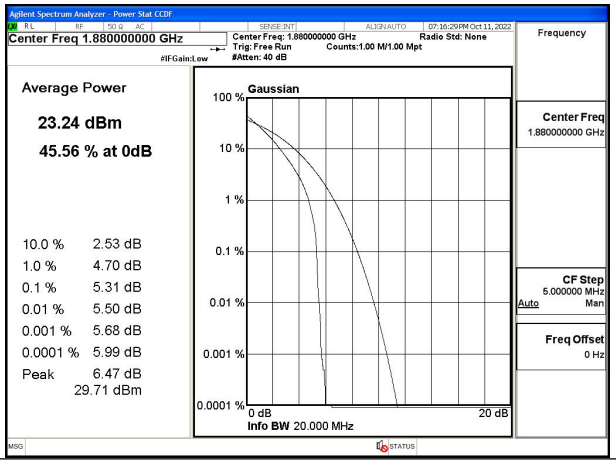

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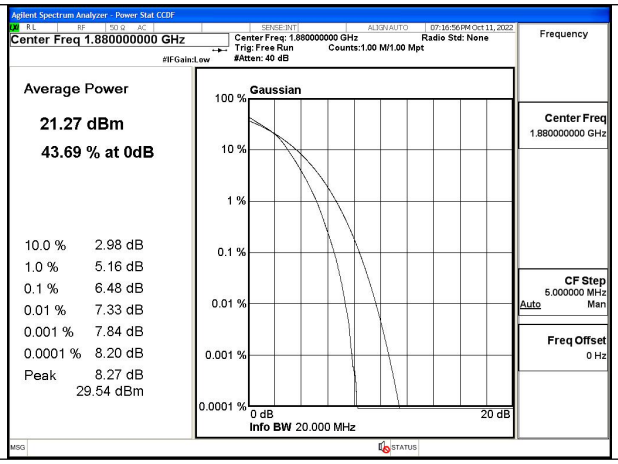

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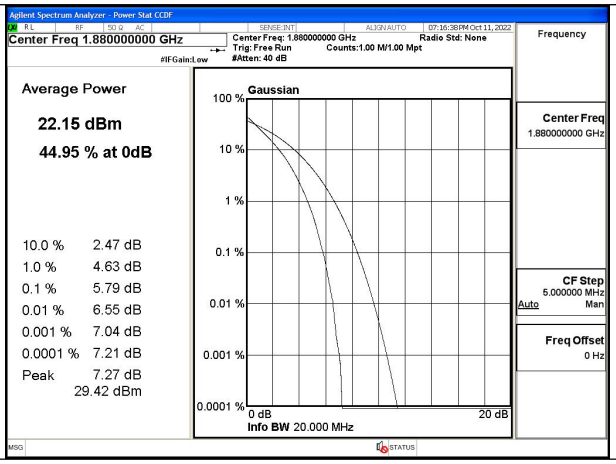


Fig.68

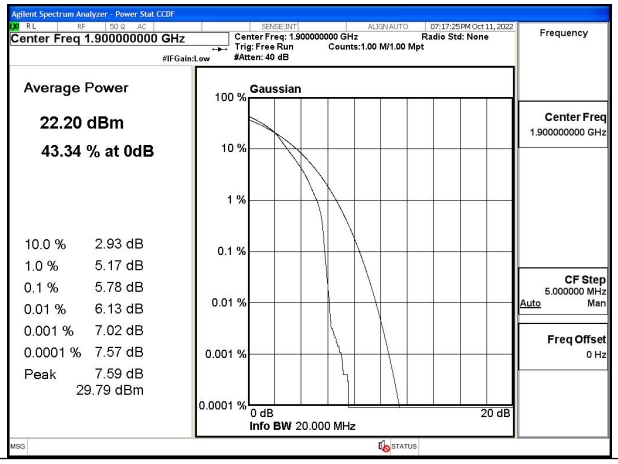


Fig.69

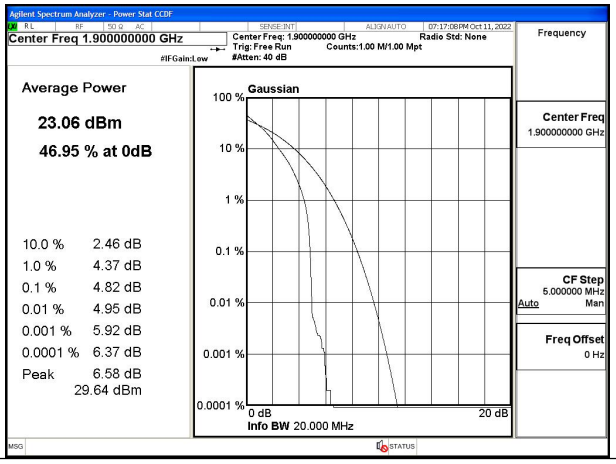


Fig.70

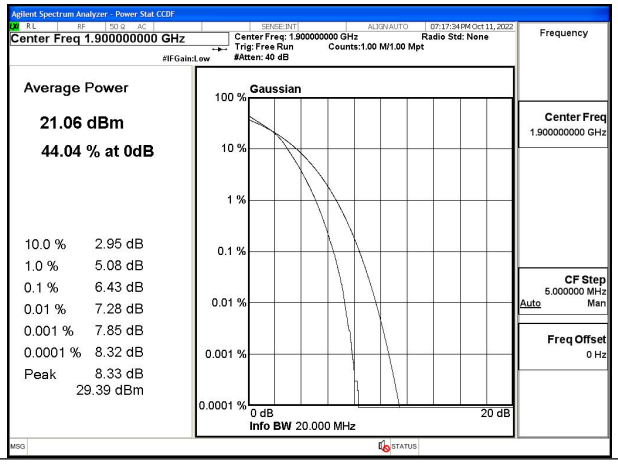


Fig.71

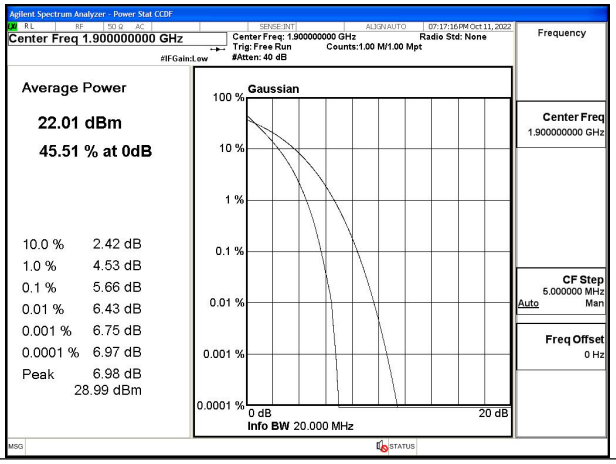


Fig.72

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
2	1880	18900	20	1	0	Fig.2
2	1900	19100	20	1	0	Fig.3

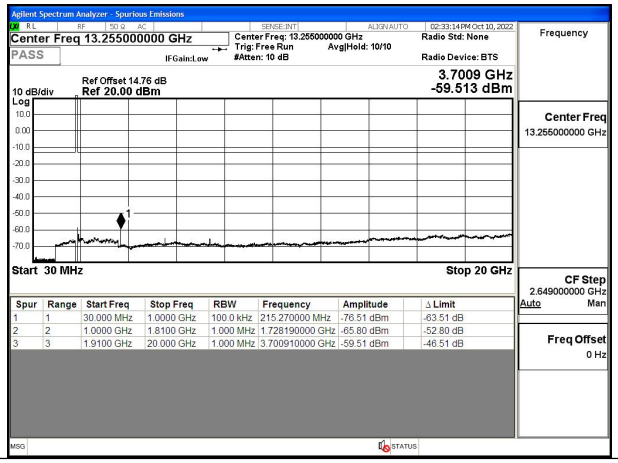


Fig.1

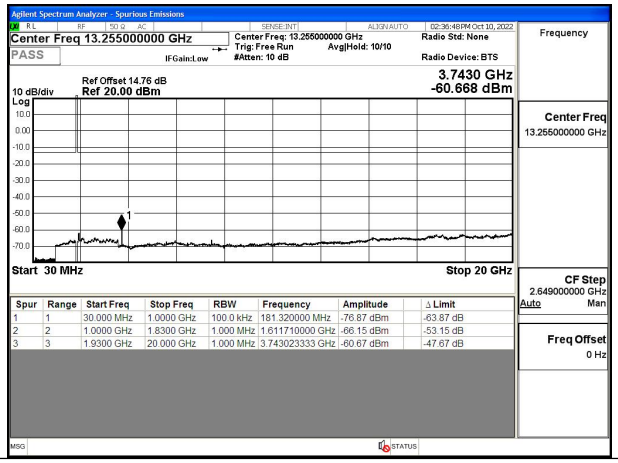


Fig.2

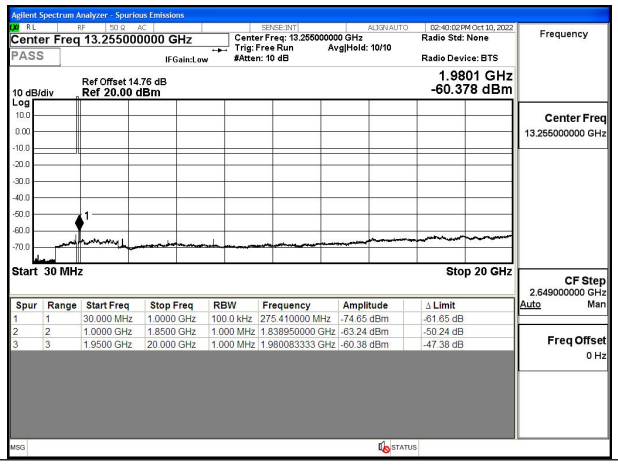


Fig.3

6 Band Edges Compliance

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

Test Mode: QPSK

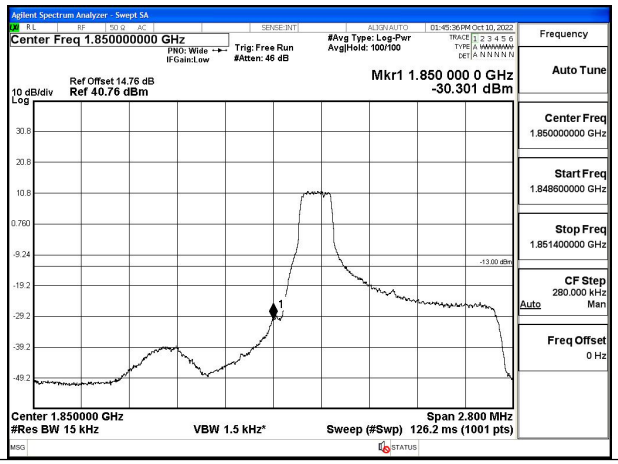


Fig.1

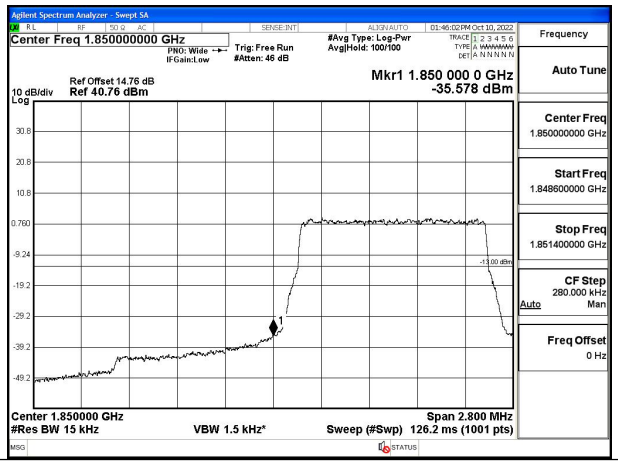


Fig.2

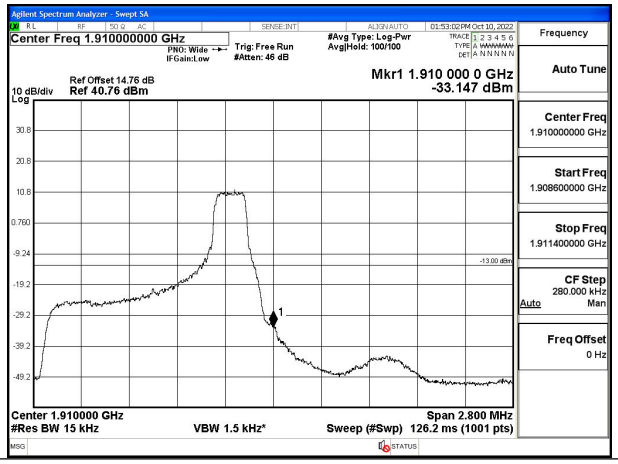


Fig.3

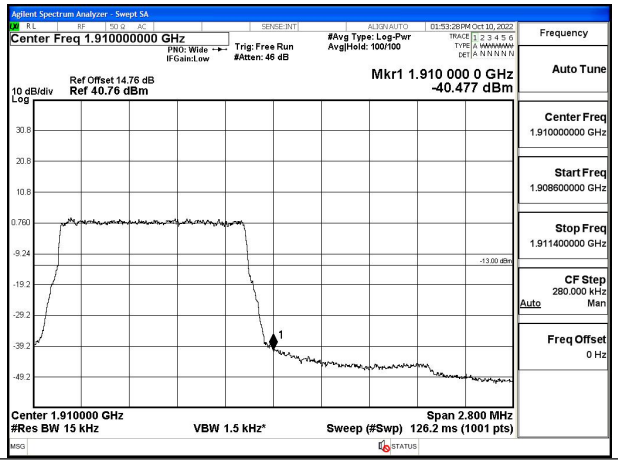


Fig.4

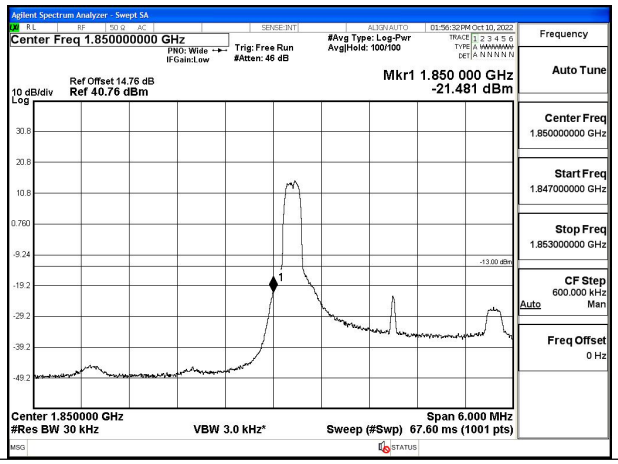


Fig.5

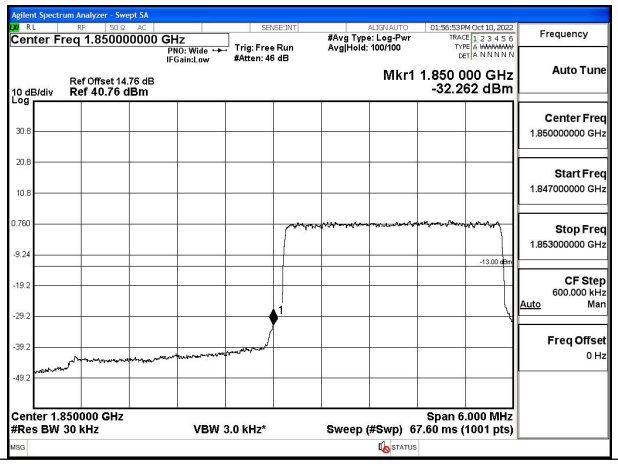


Fig.6

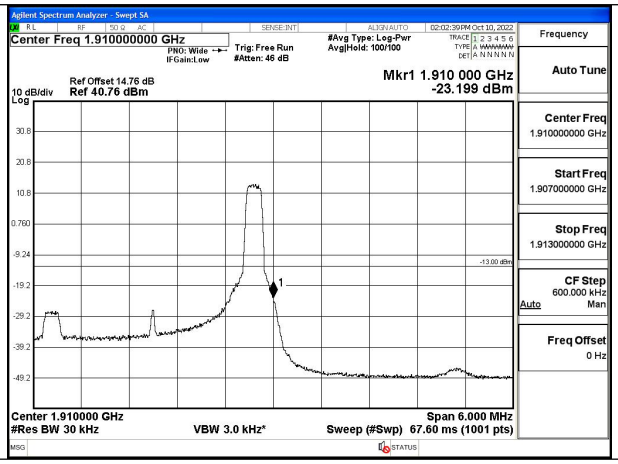


Fig.7

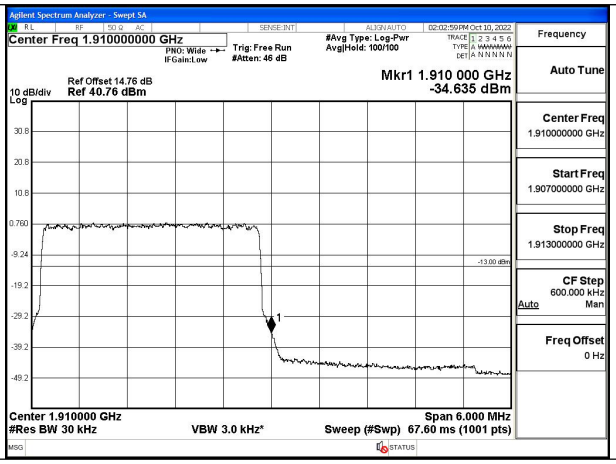


Fig.8

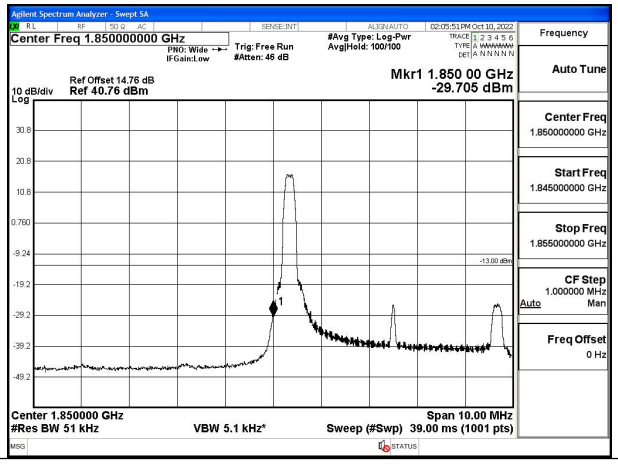


Fig.9

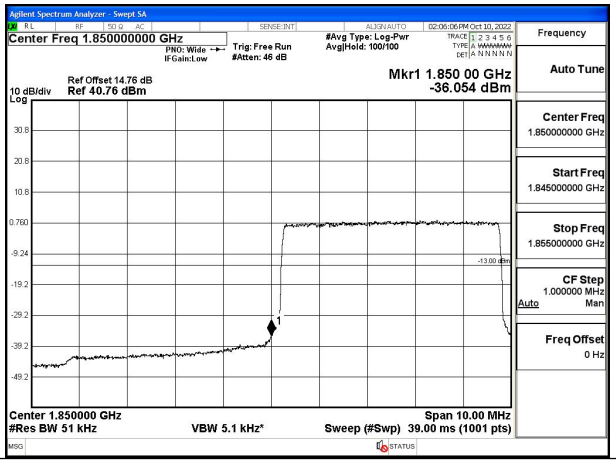


Fig.10

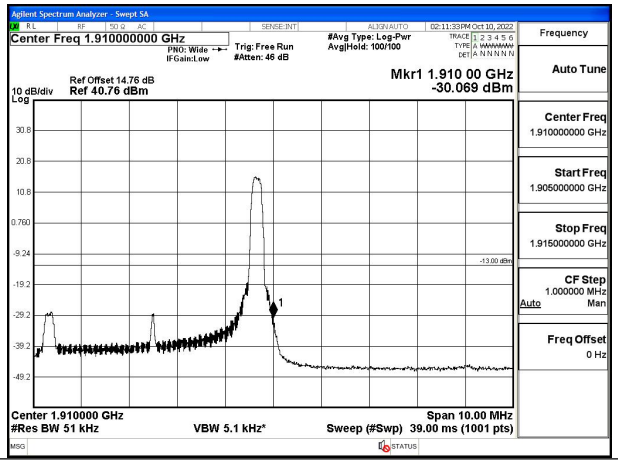


Fig.11

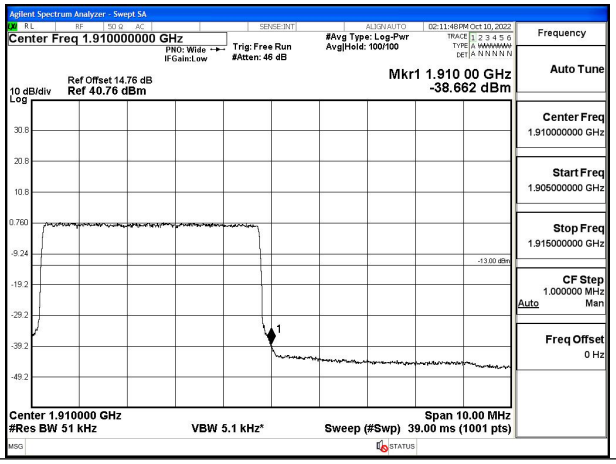


Fig.12

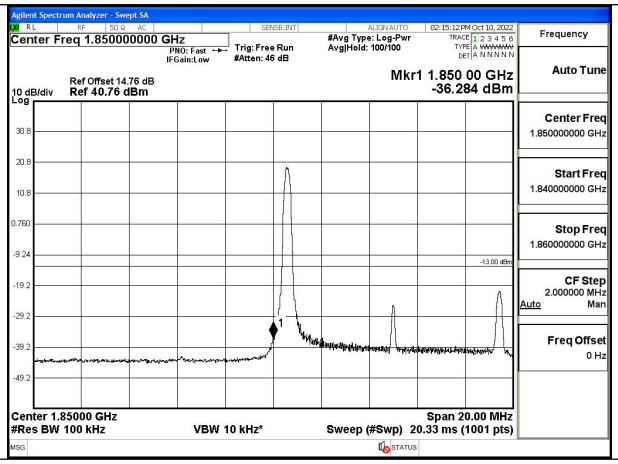


Fig.13

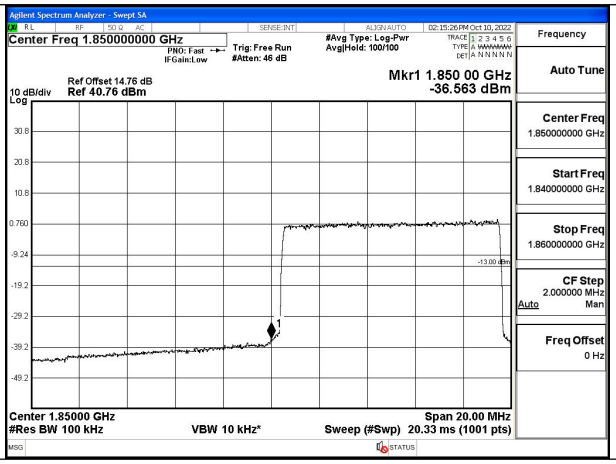


Fig.14

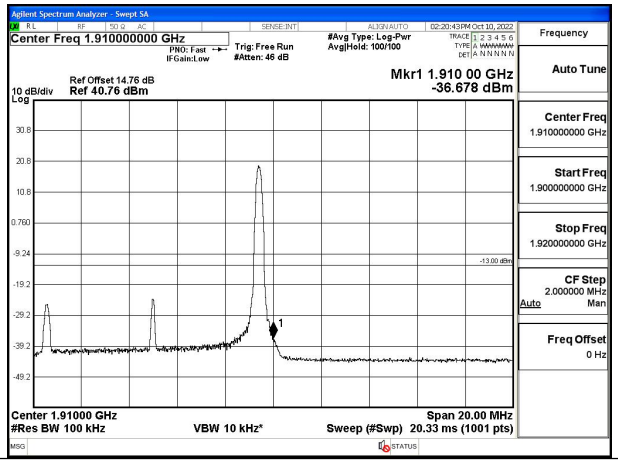


Fig.15

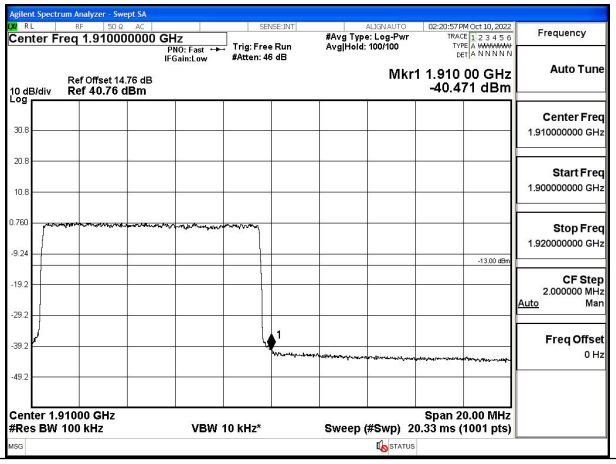


Fig.16

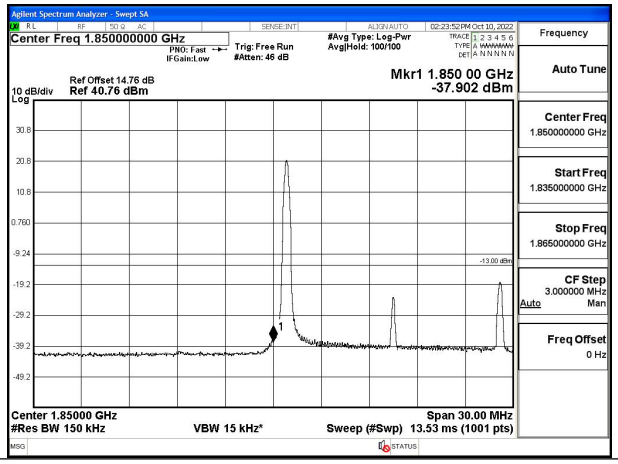


Fig.17

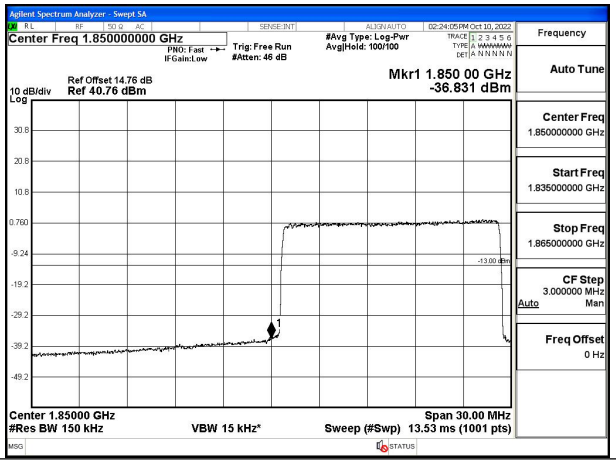


Fig.18

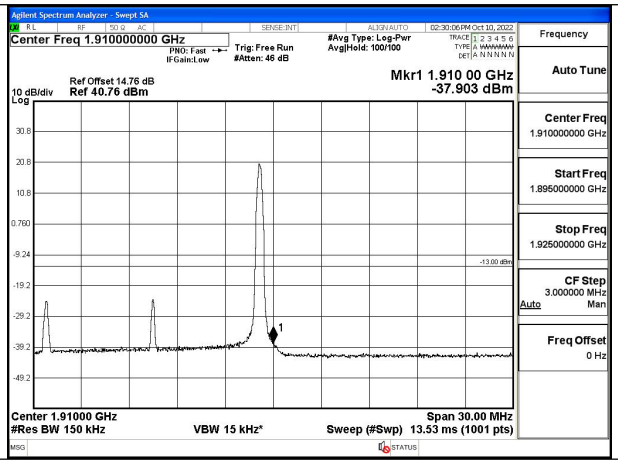
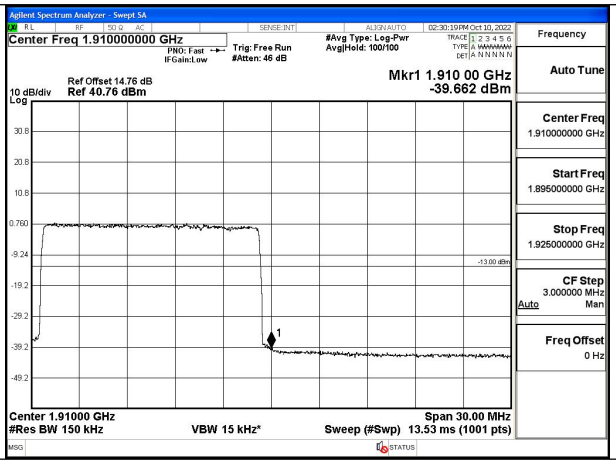


Fig.19



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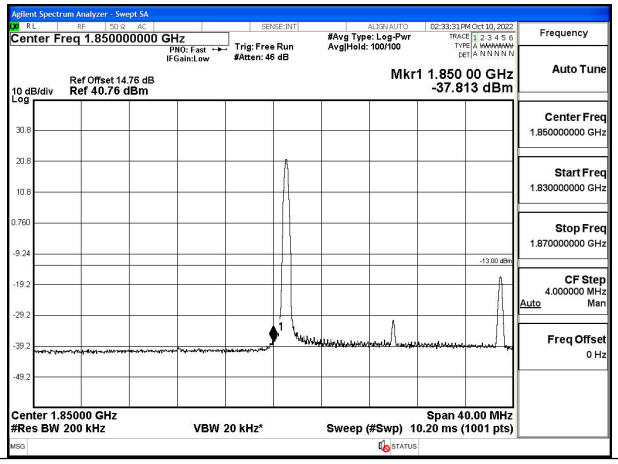

Fig.21

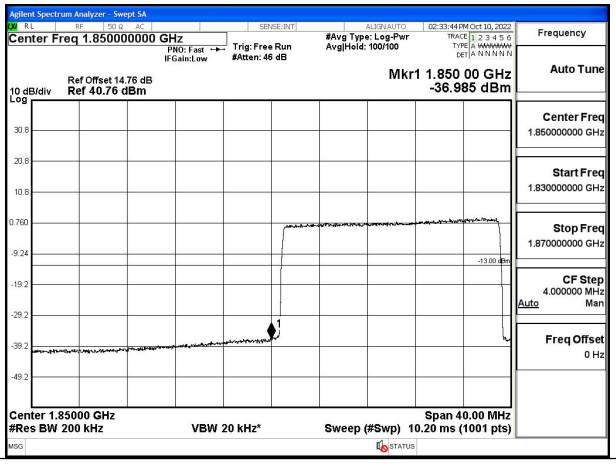

Fig.22

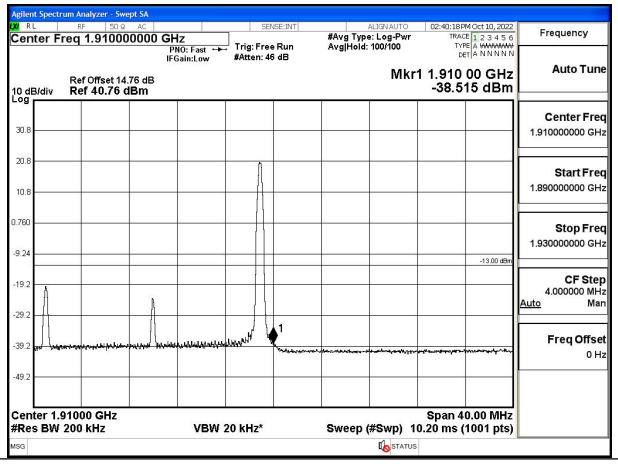

Fig.23

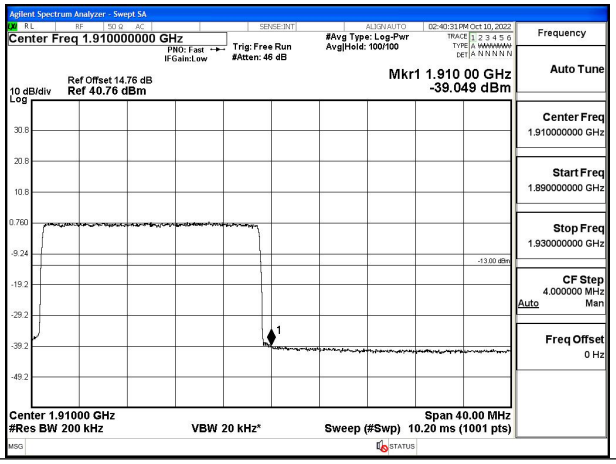

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.010	0.002	0.003	0.007	-0.002	-0.006
-10	NV	0.004	0.007	-0.002	0.004	0.018	0.007
0	NV	0.006	0.004	0.006	0.003	0.004	0.007
+10	NV	-0.003	0.011	0.008	0.003	0.001	0.005
+20	NV	-0.004	0.003	0.002	0.007	0.009	0.001
+30	NV	-0.003	0.003	0.005	0.003	-0.003	0.008
+40	NV	-0.003	0.004	0.001	-0.003	0.008	0.008
+50	NV	0.001	0.002	-0.007	0.011	-0.002	0.007
+60	NV	0.004	0.001	0.004	0.008	-0.001	-0.004
+20	LV	0.003	-0.006	-0.005	-0.002	-0.006	-0.007
+20	HV	0.000	-0.002	-0.005	-0.002	0.006	0.011

Temperature(°C)	Voltage	Test Result (ppm) Band 2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	-0.005	-0.016	0.005	0.002	0.004	-0.003
-10	NV	-0.004	-0.005	-0.003	0.006	0.003	0.008
0	NV	-0.009	0.008	-0.015	0.008	-0.007	0.008
+10	NV	-0.013	-0.012	-0.004	0.002	-0.011	-0.001
+20	NV	-0.003	-0.001	0.001	0.002	-0.009	-0.007
+30	NV	-0.002	-0.006	-0.005	-0.005	-0.005	-0.003
+40	NV	-0.009	-0.007	-0.005	-0.005	0.005	0.001
+50	NV	-0.008	0.002	0.005	-0.006	0.001	0.003
+60	NV	-0.018	0.005	-0.002	-0.002	0.002	-0.008
+20	LV	0.005	-0.010	-0.014	-0.011	-0.011	-0.003
+20	HV	-0.009	-0.012	-0.008	-0.008	0.007	-0.004

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	18607	1.4	1	0	23.20	24.09	0.256
QPSK	1850.7	18607	1.4	1	3	22.91	23.80	0.240
QPSK	1850.7	18607	1.4	1	5	23.00	23.89	0.245
QPSK	1850.7	18607	1.4	3	0	23.12	24.01	0.252
QPSK	1850.7	18607	1.4	3	1	23.17	24.06	0.255
QPSK	1850.7	18607	1.4	3	3	23.05	23.94	0.248
QPSK	1850.7	18607	1.4	6	0	22.05	22.94	0.197
QPSK	1880	18900	1.4	1	0	23.08	23.97	0.249
QPSK	1880	18900	1.4	1	3	23.03	23.92	0.247
QPSK	1880	18900	1.4	1	5	23.16	24.05	0.254
QPSK	1880	18900	1.4	3	0	23.07	23.96	0.249
QPSK	1880	18900	1.4	3	1	23.11	24.00	0.251
QPSK	1880	18900	1.4	3	3	22.96	23.85	0.243
QPSK	1880	18900	1.4	6	0	21.94	22.83	0.192
QPSK	1909.3	19193	1.4	1	0	23.18	24.07	0.255
QPSK	1909.3	19193	1.4	1	3	23.09	23.98	0.250
QPSK	1909.3	19193	1.4	1	5	23.07	23.96	0.249
QPSK	1909.3	19193	1.4	3	0	22.88	23.77	0.238
QPSK	1909.3	19193	1.4	3	1	22.92	23.81	0.240
QPSK	1909.3	19193	1.4	3	3	22.81	23.70	0.234
QPSK	1909.3	19193	1.4	6	0	21.75	22.64	0.184

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1850.7	18607	1.4	1	0	22.29	23.18	0.208
16QAM	1850.7	18607	1.4	1	3	22.59	23.48	0.223
16QAM	1850.7	18607	1.4	1	5	22.68	23.57	0.228
16QAM	1850.7	18607	1.4	3	0	22.37	23.26	0.212
16QAM	1850.7	18607	1.4	3	1	22.18	23.07	0.203
16QAM	1850.7	18607	1.4	3	3	22.32	23.21	0.209
16QAM	1850.7	18607	1.4	6	0	21.17	22.06	0.161
16QAM	1880	18900	1.4	1	0	21.68	22.57	0.181
16QAM	1880	18900	1.4	1	3	22.27	23.16	0.207
16QAM	1880	18900	1.4	1	5	22.30	23.19	0.208
16QAM	1880	18900	1.4	3	0	22.09	22.98	0.199
16QAM	1880	18900	1.4	3	1	22.02	22.91	0.195
16QAM	1880	18900	1.4	3	3	22.15	23.04	0.201
16QAM	1880	18900	1.4	6	0	20.62	21.51	0.142
16QAM	1909.3	19193	1.4	1	0	22.16	23.05	0.202
16QAM	1909.3	19193	1.4	1	3	22.20	23.09	0.204
16QAM	1909.3	19193	1.4	1	5	22.35	23.24	0.211
16QAM	1909.3	19193	1.4	3	0	22.28	23.17	0.207
16QAM	1909.3	19193	1.4	3	1	22.09	22.98	0.199
16QAM	1909.3	19193	1.4	3	3	21.91	22.80	0.191
16QAM	1909.3	19193	1.4	6	0	20.71	21.60	0.145

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	23.41	24.30	0.269
QPSK	1851.5	18615	3	1	8	23.33	24.22	0.264
QPSK	1851.5	18615	3	1	14	23.33	24.22	0.264
QPSK	1851.5	18615	3	8	0	22.14	23.03	0.201
QPSK	1851.5	18615	3	8	4	22.22	23.11	0.205
QPSK	1851.5	18615	3	8	7	21.96	22.85	0.193
QPSK	1851.5	18615	3	15	0	22.05	22.94	0.197
QPSK	1880	18900	3	1	0	23.15	24.04	0.254
QPSK	1880	18900	3	1	8	23.06	23.95	0.248
QPSK	1880	18900	3	1	14	23.02	23.91	0.246
QPSK	1880	18900	3	8	0	21.96	22.85	0.193
QPSK	1880	18900	3	8	4	21.95	22.84	0.192
QPSK	1880	18900	3	8	7	22.04	22.93	0.196
QPSK	1880	18900	3	15	0	21.86	22.75	0.188
QPSK	1908.5	19185	3	1	0	22.91	23.80	0.240
QPSK	1908.5	19185	3	1	8	22.87	23.76	0.238
QPSK	1908.5	19185	3	1	14	22.83	23.72	0.236
QPSK	1908.5	19185	3	8	0	21.88	22.77	0.189
QPSK	1908.5	19185	3	8	4	21.86	22.75	0.188
QPSK	1908.5	19185	3	8	7	21.79	22.68	0.185
QPSK	1908.5	19185	3	15	0	21.90	22.79	0.190

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1851.5	18615	3	1	0	22.97	23.86	0.243
16QAM	1851.5	18615	3	1	8	22.43	23.32	0.215
16QAM	1851.5	18615	3	1	14	22.21	23.10	0.204
16QAM	1851.5	18615	3	8	0	21.30	22.19	0.166
16QAM	1851.5	18615	3	8	4	21.34	22.23	0.167
16QAM	1851.5	18615	3	8	7	21.11	22.00	0.158
16QAM	1851.5	18615	3	15	0	21.27	22.16	0.164
16QAM	1880	18900	3	1	0	21.83	22.72	0.187
16QAM	1880	18900	3	1	8	21.94	22.83	0.192
16QAM	1880	18900	3	1	14	22.01	22.90	0.195
16QAM	1880	18900	3	8	0	21.11	22.00	0.158
16QAM	1880	18900	3	8	4	21.02	21.91	0.155
16QAM	1880	18900	3	8	7	21.16	22.05	0.160
16QAM	1880	18900	3	15	0	21.09	21.98	0.158
16QAM	1908.5	19185	3	1	0	22.49	23.38	0.218
16QAM	1908.5	19185	3	1	8	22.36	23.25	0.211
16QAM	1908.5	19185	3	1	14	22.25	23.14	0.206
16QAM	1908.5	19185	3	8	0	21.11	22.00	0.158
16QAM	1908.5	19185	3	8	4	21.05	21.94	0.156
16QAM	1908.5	19185	3	8	7	21.10	21.99	0.158
16QAM	1908.5	19185	3	15	0	20.94	21.83	0.152

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	23.11	24.00	0.251
QPSK	1852.5	18625	5	1	12	23.06	23.95	0.248
QPSK	1852.5	18625	5	1	24	23.10	23.99	0.251
QPSK	1852.5	18625	5	12	0	22.22	23.11	0.205
QPSK	1852.5	18625	5	12	7	21.88	22.77	0.189
QPSK	1852.5	18625	5	12	13	21.94	22.83	0.192
QPSK	1852.5	18625	5	25	0	21.98	22.87	0.194
QPSK	1880	18900	5	1	0	22.87	23.76	0.238
QPSK	1880	18900	5	1	12	23.06	23.95	0.248
QPSK	1880	18900	5	1	24	23.03	23.92	0.247
QPSK	1880	18900	5	12	0	22.10	22.99	0.199
QPSK	1880	18900	5	12	7	21.90	22.79	0.190
QPSK	1880	18900	5	12	13	22.00	22.89	0.195
QPSK	1880	18900	5	25	0	21.79	22.68	0.185
QPSK	1907.5	19175	5	1	0	23.09	23.98	0.250
QPSK	1907.5	19175	5	1	12	23.24	24.13	0.259
QPSK	1907.5	19175	5	1	24	23.05	23.94	0.248
QPSK	1907.5	19175	5	12	0	21.95	22.84	0.192
QPSK	1907.5	19175	5	12	7	21.88	22.77	0.189
QPSK	1907.5	19175	5	12	13	21.79	22.68	0.185
QPSK	1907.5	19175	5	25	0	21.83	22.72	0.187

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1852.5	18625	5	1	0	22.22	23.11	0.205
16QAM	1852.5	18625	5	1	12	22.27	23.16	0.207
16QAM	1852.5	18625	5	1	24	22.11	23.00	0.200
16QAM	1852.5	18625	5	12	0	21.00	21.89	0.155
16QAM	1852.5	18625	5	12	7	21.17	22.06	0.161
16QAM	1852.5	18625	5	12	13	21.18	22.07	0.161
16QAM	1852.5	18625	5	25	0	21.31	22.20	0.166
16QAM	1880	18900	5	1	0	22.85	23.74	0.237
16QAM	1880	18900	5	1	12	22.42	23.31	0.214
16QAM	1880	18900	5	1	24	22.29	23.18	0.208
16QAM	1880	18900	5	12	0	21.19	22.08	0.161
16QAM	1880	18900	5	12	7	21.20	22.09	0.162
16QAM	1880	18900	5	12	13	21.05	21.94	0.156
16QAM	1880	18900	5	25	0	21.04	21.93	0.156
16QAM	1907.5	19175	5	1	0	22.51	23.40	0.219
16QAM	1907.5	19175	5	1	12	22.87	23.76	0.238
16QAM	1907.5	19175	5	1	24	22.25	23.14	0.206
16QAM	1907.5	19175	5	12	0	21.07	21.96	0.157
16QAM	1907.5	19175	5	12	7	21.03	21.92	0.156
16QAM	1907.5	19175	5	12	13	21.06	21.95	0.157
16QAM	1907.5	19175	5	25	0	21.10	21.99	0.158

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	23.43	24.32	0.270
QPSK	1855	18650	10	1	25	23.29	24.18	0.262
QPSK	1855	18650	10	1	49	23.32	24.21	0.264
QPSK	1855	18650	10	25	0	22.21	23.10	0.204
QPSK	1855	18650	10	25	12	22.09	22.98	0.199
QPSK	1855	18650	10	25	25	22.34	23.23	0.210
QPSK	1855	18650	10	50	0	22.17	23.06	0.202
QPSK	1880	18900	10	1	0	23.31	24.20	0.263
QPSK	1880	18900	10	1	25	23.16	24.05	0.254
QPSK	1880	18900	10	1	49	23.18	24.07	0.255
QPSK	1880	18900	10	25	0	21.98	22.87	0.194
QPSK	1880	18900	10	25	12	22.00	22.89	0.195
QPSK	1880	18900	10	25	25	21.93	22.82	0.191
QPSK	1880	18900	10	50	0	21.87	22.76	0.189
QPSK	1905	19150	10	1	0	22.76	23.65	0.232
QPSK	1905	19150	10	1	25	22.84	23.73	0.236
QPSK	1905	19150	10	1	49	22.91	23.80	0.240
QPSK	1905	19150	10	25	0	21.81	22.70	0.186
QPSK	1905	19150	10	25	12	21.93	22.82	0.191
QPSK	1905	19150	10	25	25	21.91	22.80	0.191
QPSK	1905	19150	10	50	0	21.80	22.69	0.186

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1855	18650	10	1	0	22.76	23.65	0.232
16QAM	1855	18650	10	1	25	22.48	23.37	0.217
16QAM	1855	18650	10	1	49	22.21	23.10	0.204
16QAM	1855	18650	10	25	0	21.40	22.29	0.169
16QAM	1855	18650	10	25	12	21.26	22.15	0.164
16QAM	1855	18650	10	25	25	21.49	22.38	0.173
16QAM	1855	18650	10	50	0	21.14	22.03	0.160
16QAM	1880	18900	10	1	0	22.52	23.41	0.219
16QAM	1880	18900	10	1	25	22.11	23.00	0.200
16QAM	1880	18900	10	1	49	22.28	23.17	0.207
16QAM	1880	18900	10	25	0	21.33	22.22	0.167
16QAM	1880	18900	10	25	12	21.25	22.14	0.164
16QAM	1880	18900	10	25	25	21.28	22.17	0.165
16QAM	1880	18900	10	50	0	21.04	21.93	0.156
16QAM	1905	19150	10	1	0	22.98	23.87	0.244
16QAM	1905	19150	10	1	25	22.22	23.11	0.205
16QAM	1905	19150	10	1	49	22.16	23.05	0.202
16QAM	1905	19150	10	25	0	20.88	21.77	0.150
16QAM	1905	19150	10	25	12	20.88	21.77	0.150
16QAM	1905	19150	10	25	25	21.00	21.89	0.155
16QAM	1905	19150	10	50	0	20.89	21.78	0.151

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	23.21	24.10	0.257
QPSK	1857.5	18675	15	1	37	23.03	23.92	0.247
QPSK	1857.5	18675	15	1	74	23.13	24.02	0.252
QPSK	1857.5	18675	15	36	0	21.97	22.86	0.193
QPSK	1857.5	18675	15	36	29	22.28	23.17	0.207
QPSK	1857.5	18675	15	36	30	21.95	22.84	0.192
QPSK	1857.5	18675	15	75	0	21.89	22.78	0.190
QPSK	1880	18900	15	1	0	23.09	23.98	0.250
QPSK	1880	18900	15	1	37	23.05	23.94	0.248
QPSK	1880	18900	15	1	74	22.89	23.78	0.239
QPSK	1880	18900	15	36	0	21.88	22.77	0.189
QPSK	1880	18900	15	36	29	22.02	22.91	0.195
QPSK	1880	18900	15	36	30	21.94	22.83	0.192
QPSK	1880	18900	15	75	0	22.04	22.93	0.196
QPSK	1902.5	19125	15	1	0	22.90	23.79	0.239
QPSK	1902.5	19125	15	1	37	22.80	23.69	0.234
QPSK	1902.5	19125	15	1	74	22.98	23.87	0.244
QPSK	1902.5	19125	15	36	0	21.76	22.65	0.184
QPSK	1902.5	19125	15	36	29	21.93	22.82	0.191
QPSK	1902.5	19125	15	36	30	21.91	22.80	0.191
QPSK	1902.5	19125	15	75	0	21.71	22.60	0.182

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1857.5	18675	15	1	0	22.63	23.52	0.225
16QAM	1857.5	18675	15	1	37	22.38	23.27	0.212
16QAM	1857.5	18675	15	1	74	22.86	23.75	0.237
16QAM	1857.5	18675	15	36	0	21.28	22.17	0.165
16QAM	1857.5	18675	15	36	29	21.33	22.22	0.167
16QAM	1857.5	18675	15	36	30	21.22	22.11	0.163
16QAM	1857.5	18675	15	75	0	21.14	22.03	0.160
16QAM	1880	18900	15	1	0	22.47	23.36	0.217
16QAM	1880	18900	15	1	37	22.48	23.37	0.217
16QAM	1880	18900	15	1	74	22.58	23.47	0.222
16QAM	1880	18900	15	36	0	21.05	21.94	0.156
16QAM	1880	18900	15	36	29	20.94	21.83	0.152
16QAM	1880	18900	15	36	30	20.99	21.88	0.154
16QAM	1880	18900	15	75	0	21.15	22.04	0.160
16QAM	1902.5	19125	15	1	0	22.46	23.35	0.216
16QAM	1902.5	19125	15	1	37	22.78	23.67	0.233
16QAM	1902.5	19125	15	1	74	22.24	23.13	0.206
16QAM	1902.5	19125	15	36	0	20.90	21.79	0.151
16QAM	1902.5	19125	15	36	29	20.91	21.80	0.151
16QAM	1902.5	19125	15	36	30	20.86	21.75	0.150
16QAM	1902.5	19125	15	75	0	21.10	21.99	0.158

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	23.19	24.08	0.256
QPSK	1860	18700	20	1	49	22.97	23.86	0.243
QPSK	1860	18700	20	1	99	23.00	23.89	0.245
QPSK	1860	18700	20	50	0	21.95	22.84	0.192
QPSK	1860	18700	20	50	24	21.95	22.84	0.192
QPSK	1860	18700	20	50	50	22.16	23.05	0.202
QPSK	1860	18700	20	100	0	22.14	23.03	0.201
QPSK	1880	18900	20	1	0	22.95	23.84	0.242
QPSK	1880	18900	20	1	49	23.10	23.99	0.251
QPSK	1880	18900	20	1	99	23.13	24.02	0.252
QPSK	1880	18900	20	50	0	22.13	23.02	0.200
QPSK	1880	18900	20	50	24	22.03	22.92	0.196
QPSK	1880	18900	20	50	50	21.90	22.79	0.190
QPSK	1880	18900	20	100	0	22.16	23.05	0.202
QPSK	1900	19100	20	1	0	22.89	23.78	0.239
QPSK	1900	19100	20	1	49	22.92	23.81	0.240
QPSK	1900	19100	20	1	99	22.93	23.82	0.241
QPSK	1900	19100	20	50	0	22.06	22.95	0.197
QPSK	1900	19100	20	50	24	21.98	22.87	0.194
QPSK	1900	19100	20	50	50	21.87	22.76	0.189
QPSK	1900	19100	20	100	0	21.81	22.70	0.186

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1860	18700	20	1	0	22.51	23.40	0.219
16QAM	1860	18700	20	1	49	22.11	23.00	0.200
16QAM	1860	18700	20	1	99	22.45	23.34	0.216
16QAM	1860	18700	20	50	0	21.19	22.08	0.161
16QAM	1860	18700	20	50	24	21.06	21.95	0.157
16QAM	1860	18700	20	50	50	21.07	21.96	0.157
16QAM	1860	18700	20	100	0	21.18	22.07	0.161
16QAM	1880	18900	20	1	0	21.65	22.54	0.179
16QAM	1880	18900	20	1	49	22.04	22.93	0.196
16QAM	1880	18900	20	1	99	21.70	22.59	0.182
16QAM	1880	18900	20	50	0	21.09	21.98	0.158
16QAM	1880	18900	20	50	24	21.18	22.07	0.161
16QAM	1880	18900	20	50	50	21.10	21.99	0.158
16QAM	1880	18900	20	100	0	20.94	21.83	0.152
16QAM	1900	19100	20	1	0	22.47	23.36	0.217
16QAM	1900	19100	20	1	49	22.64	23.53	0.225
16QAM	1900	19100	20	1	99	22.69	23.58	0.228
16QAM	1900	19100	20	50	0	20.93	21.82	0.152
16QAM	1900	19100	20	50	24	21.02	21.91	0.155
16QAM	1900	19100	20	50	50	20.88	21.77	0.150
16QAM	1900	19100	20	100	0	21.10	21.99	0.158