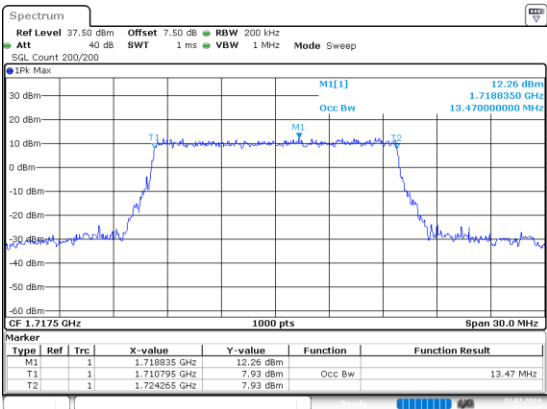


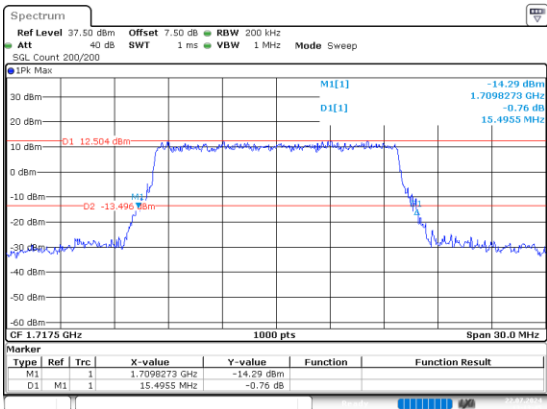
15MHz_Low_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 22.JUL.2024 13:13:34

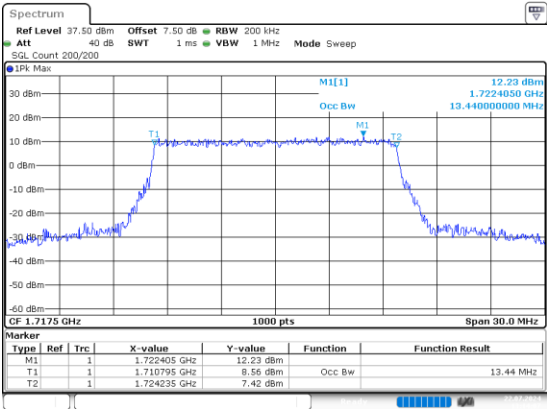
26dB Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 22.JUL.2024 13:13:46

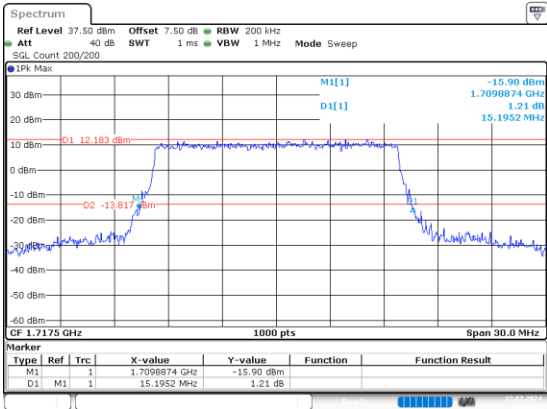
15MHz_Low_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 22.JUL.2024 13:14:07

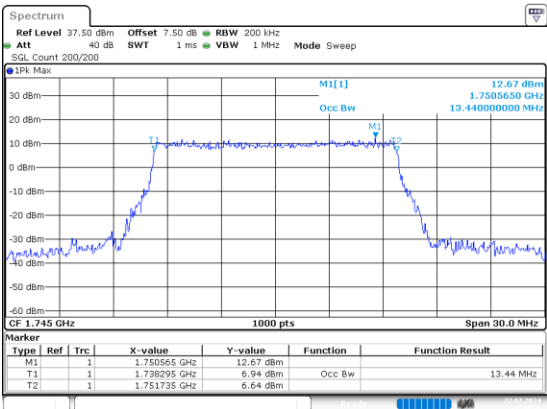
26dB Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 22.JUL.2024 13:14:19

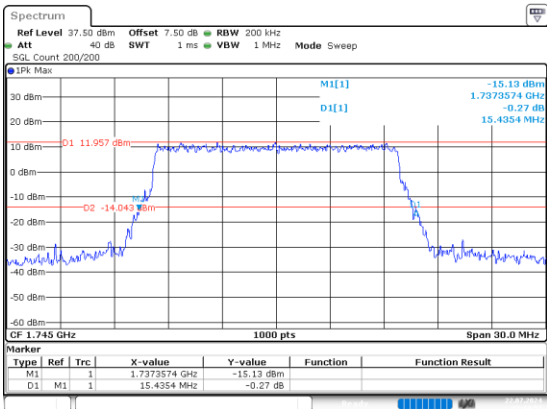
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 22.JUL.2024 13:14:42

26dB Bandwidth

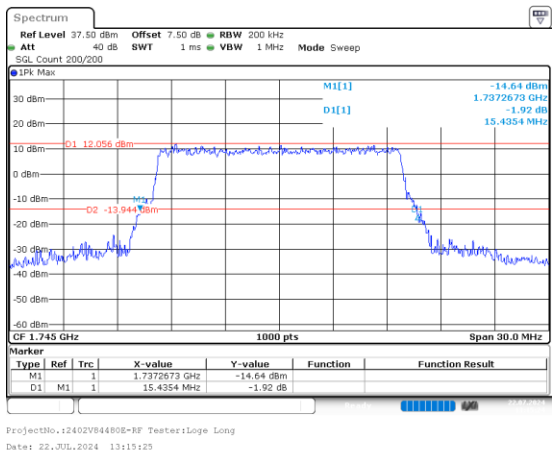
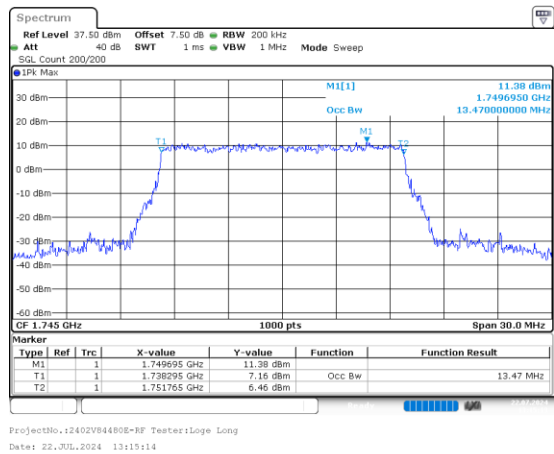


ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 22.JUL.2024 13:14:53

15MHz_Middle_16QAM_75@0

Occupied Bandwidth

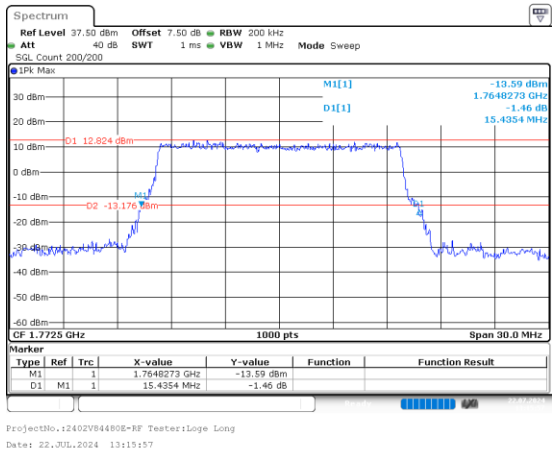
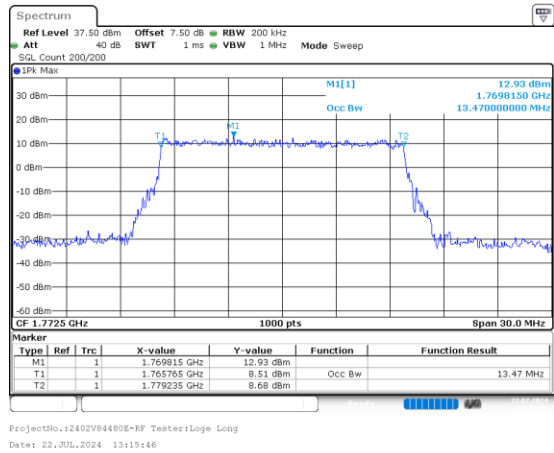
26dB Bandwidth



15MHz_High_QPSK_75@0

Occupied Bandwidth

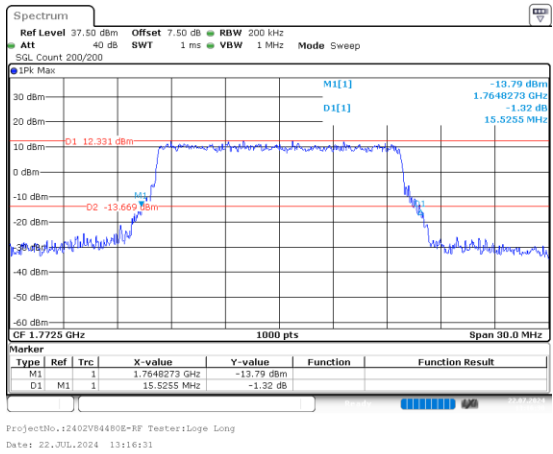
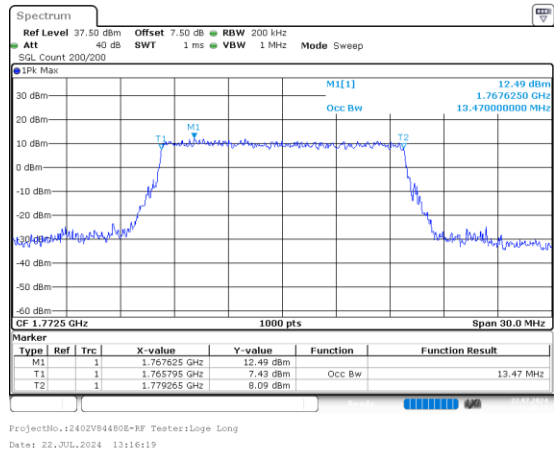
26dB Bandwidth



15MHz_High_16QAM_75@0

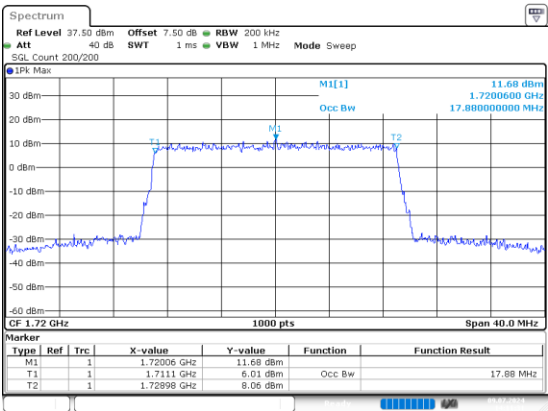
Occupied Bandwidth

26dB Bandwidth



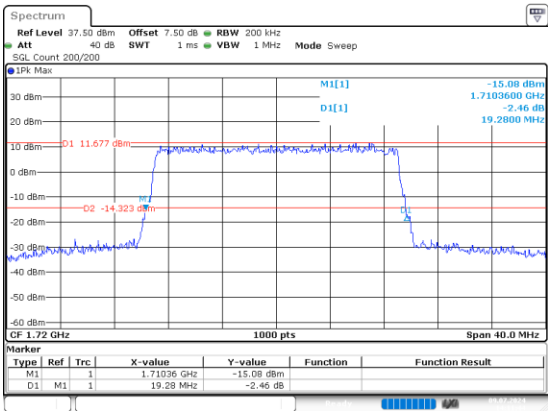
20MHz_Low_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 9.JUL.2024 14:11:30

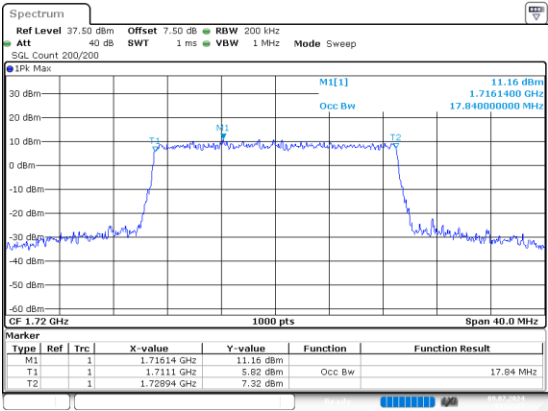
26dB Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 9.JUL.2024 14:11:44

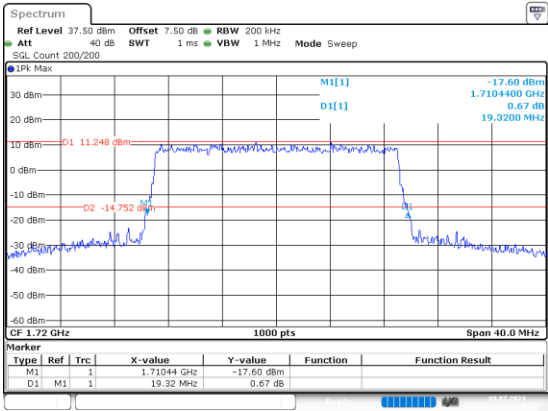
20MHz_Low_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 9.JUL.2024 14:12:07

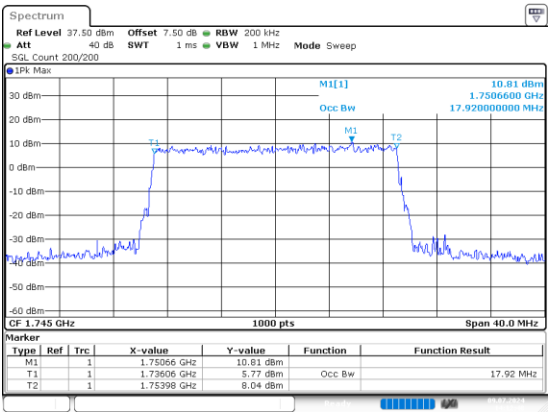
26dB Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 9.JUL.2024 14:12:20

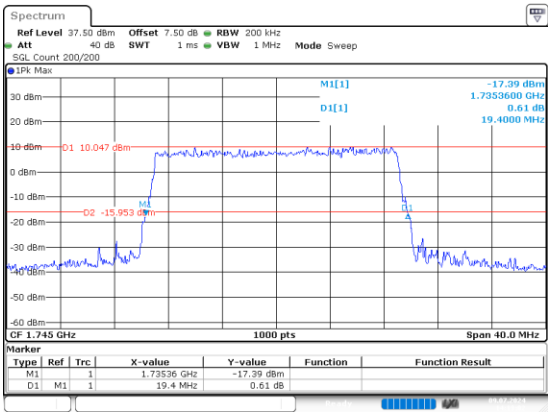
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 9.JUL.2024 14:12:48

26dB Bandwidth

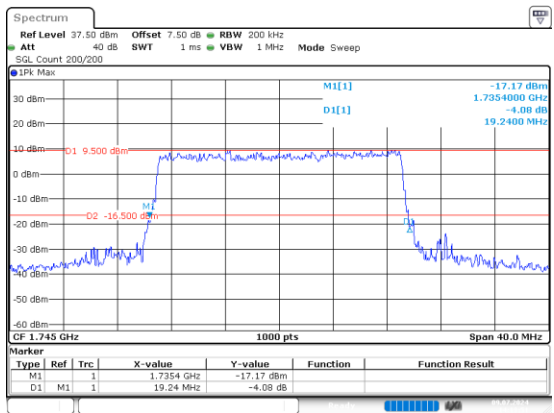
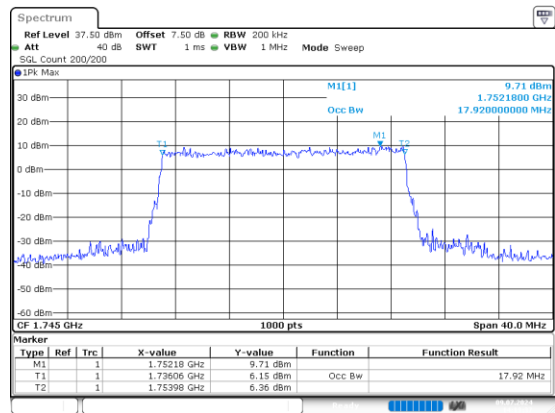


ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 9.JUL.2024 14:13:01

20MHz_Middle_16QAM_100@0

Occupied Bandwidth

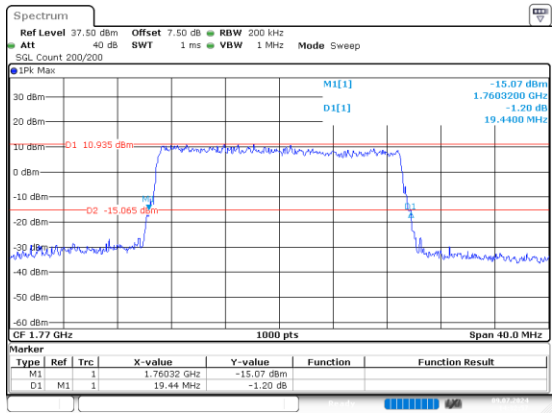
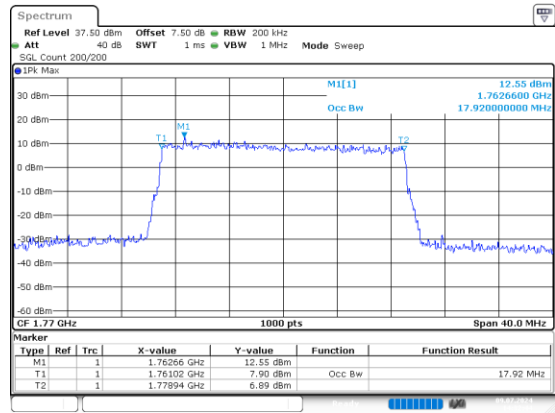
26dB Bandwidth



20MHz_High_QPSK_100@0

Occupied Bandwidth

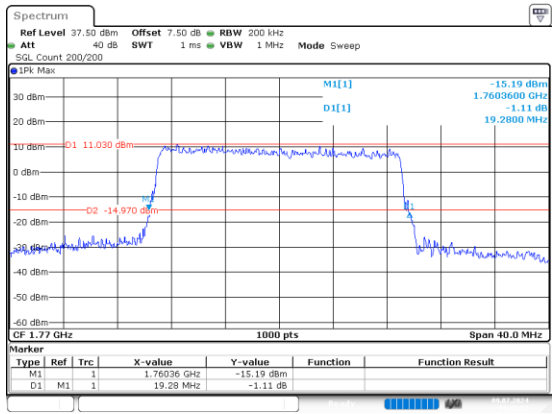
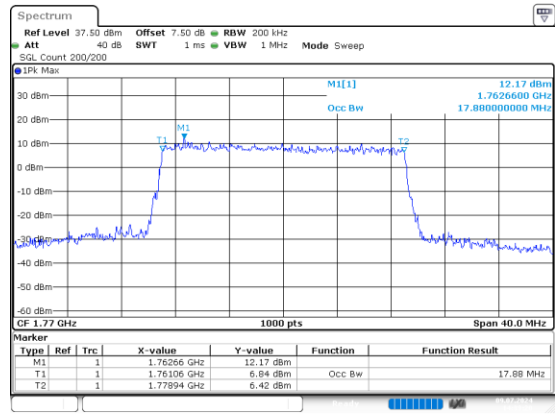
26dB Bandwidth



20MHz_High_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



RF Output Power

FCC Part 22H

B5 , Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	23.71	22.170	0.165	7	Pass
1.4MHz_Low_QPSK_1@3	23.52	21.980	0.158	7	Pass
1.4MHz_Low_QPSK_1@5	23.59	22.050	0.160	7	Pass
1.4MHz_Low_QPSK_3@0	23.40	21.860	0.153	7	Pass
1.4MHz_Low_QPSK_3@1	23.35	21.810	0.152	7	Pass
1.4MHz_Low_QPSK_3@3	23.37	21.830	0.152	7	Pass
1.4MHz_Low_QPSK_6@0	22.92	21.380	0.137	7	Pass
1.4MHz_Low_16QAM_1@0	23.34	21.800	0.151	7	Pass
1.4MHz_Low_16QAM_1@3	23.01	21.470	0.140	7	Pass
1.4MHz_Low_16QAM_1@5	23.07	21.530	0.142	7	Pass
1.4MHz_Low_16QAM_3@0	23.08	21.540	0.143	7	Pass
1.4MHz_Low_16QAM_3@1	23.04	21.500	0.141	7	Pass
1.4MHz_Low_16QAM_3@3	23.06	21.520	0.142	7	Pass
1.4MHz_Low_16QAM_6@0	22.55	21.010	0.126	7	Pass
1.4MHz_Middle_QPSK_1@0	23.20	21.660	0.147	7	Pass
1.4MHz_Middle_QPSK_1@3	23.16	21.620	0.145	7	Pass
1.4MHz_Middle_QPSK_1@5	23.24	21.700	0.148	7	Pass
1.4MHz_Middle_QPSK_3@0	23.28	21.740	0.149	7	Pass
1.4MHz_Middle_QPSK_3@1	23.24	21.700	0.148	7	Pass
1.4MHz_Middle_QPSK_3@3	23.30	21.760	0.150	7	Pass
1.4MHz_Middle_QPSK_6@0	22.67	21.130	0.130	7	Pass
1.4MHz_Middle_16QAM_1@0	22.89	21.350	0.136	7	Pass
1.4MHz_Middle_16QAM_1@3	22.82	21.280	0.134	7	Pass
1.4MHz_Middle_16QAM_1@5	22.98	21.440	0.139	7	Pass
1.4MHz_Middle_16QAM_3@0	22.93	21.390	0.138	7	Pass
1.4MHz_Middle_16QAM_3@1	22.86	21.320	0.136	7	Pass
1.4MHz_Middle_16QAM_3@3	23.02	21.480	0.141	7	Pass
1.4MHz_Middle_16QAM_6@0	22.49	20.950	0.124	7	Pass
1.4MHz_High_QPSK_1@0	23.57	22.030	0.160	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_High_QPSK_1@3	23.35	21.810	0.152	7	Pass
1.4MHz_High_QPSK_1@5	23.34	21.800	0.151	7	Pass
1.4MHz_High_QPSK_3@0	23.34	21.800	0.151	7	Pass
1.4MHz_High_QPSK_3@1	23.27	21.730	0.149	7	Pass
1.4MHz_High_QPSK_3@3	23.17	21.630	0.146	7	Pass
1.4MHz_High_QPSK_6@0	22.74	21.200	0.132	7	Pass
1.4MHz_High_16QAM_1@0	23.28	21.740	0.149	7	Pass
1.4MHz_High_16QAM_1@3	23.07	21.530	0.142	7	Pass
1.4MHz_High_16QAM_1@5	22.99	21.450	0.140	7	Pass
1.4MHz_High_16QAM_3@0	22.96	21.420	0.139	7	Pass
1.4MHz_High_16QAM_3@1	22.92	21.380	0.137	7	Pass
1.4MHz_High_16QAM_3@3	22.83	21.290	0.135	7	Pass
1.4MHz_High_16QAM_6@0	22.30	20.760	0.119	7	Pass
3MHz_Low_QPSK_1@0	23.92	22.380	0.173	7	Pass
3MHz_Low_QPSK_1@14	24.02	22.480	0.177	7	Pass
3MHz_Low_QPSK_1@8	23.45	21.910	0.155	7	Pass
3MHz_Low_QPSK_15@0	23.02	21.480	0.141	7	Pass
3MHz_Low_QPSK_8@0	23.02	21.480	0.141	7	Pass
3MHz_Low_QPSK_8@4	23.03	21.490	0.141	7	Pass
3MHz_Low_QPSK_8@7	23.09	21.550	0.143	7	Pass
3MHz_Low_16QAM_1@0	23.41	21.870	0.154	7	Pass
3MHz_Low_16QAM_1@14	23.71	22.170	0.165	7	Pass
3MHz_Low_16QAM_1@8	23.18	21.640	0.146	7	Pass
3MHz_Low_16QAM_15@0	22.54	21.000	0.126	7	Pass
3MHz_Low_16QAM_8@0	22.54	21.000	0.126	7	Pass
3MHz_Low_16QAM_8@4	22.71	21.170	0.131	7	Pass
3MHz_Low_16QAM_8@7	22.60	21.060	0.128	7	Pass
3MHz_Middle_QPSK_1@0	23.65	22.110	0.163	7	Pass
3MHz_Middle_QPSK_1@14	23.62	22.080	0.161	7	Pass
3MHz_Middle_QPSK_1@8	23.07	21.530	0.142	7	Pass
3MHz_Middle_QPSK_15@0	22.87	21.330	0.136	7	Pass
3MHz_Middle_QPSK_8@0	22.91	21.370	0.137	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
3MHz_Middle_QPSK_8@4	21.64	20.100	0.102	7	Pass
3MHz_Middle_QPSK_8@7	22.99	21.450	0.140	7	Pass
3MHz_Middle_16QAM_1@0	23.36	21.820	0.152	7	Pass
3MHz_Middle_16QAM_1@14	23.36	21.820	0.152	7	Pass
3MHz_Middle_16QAM_1@8	22.87	21.330	0.136	7	Pass
3MHz_Middle_16QAM_15@0	22.43	20.890	0.123	7	Pass
3MHz_Middle_16QAM_8@0	21.20	19.660	0.092	7	Pass
3MHz_Middle_16QAM_8@4	22.57	21.030	0.127	7	Pass
3MHz_Middle_16QAM_8@7	22.36	20.820	0.121	7	Pass
3MHz_High_QPSK_1@0	23.81	22.270	0.169	7	Pass
3MHz_High_QPSK_1@14	23.32	21.780	0.151	7	Pass
3MHz_High_QPSK_1@8	23.07	21.530	0.142	7	Pass
3MHz_High_QPSK_15@0	22.93	21.390	0.138	7	Pass
3MHz_High_QPSK_8@0	23.05	21.510	0.142	7	Pass
3MHz_High_QPSK_8@4	22.93	21.390	0.138	7	Pass
3MHz_High_QPSK_8@7	21.56	20.020	0.100	7	Pass
3MHz_High_16QAM_1@0	22.47	20.930	0.124	7	Pass
3MHz_High_16QAM_1@14	23.17	21.630	0.146	7	Pass
3MHz_High_16QAM_1@8	22.80	21.260	0.134	7	Pass
3MHz_High_16QAM_15@0	22.48	20.940	0.124	7	Pass
3MHz_High_16QAM_8@0	22.77	21.230	0.133	7	Pass
3MHz_High_16QAM_8@4	22.62	21.080	0.128	7	Pass
3MHz_High_16QAM_8@7	22.53	20.990	0.126	7	Pass
5MHz_Low_QPSK_1@0	23.58	22.040	0.160	7	Pass
5MHz_Low_QPSK_1@12	23.40	21.860	0.153	7	Pass
5MHz_Low_QPSK_1@24	23.61	22.070	0.161	7	Pass
5MHz_Low_QPSK_12@0	23.05	21.510	0.142	7	Pass
5MHz_Low_QPSK_12@13	23.18	21.640	0.146	7	Pass
5MHz_Low_QPSK_12@7	23.09	21.550	0.143	7	Pass
5MHz_Low_QPSK_25@0	23.12	21.580	0.144	7	Pass
5MHz_Low_16QAM_1@0	22.23	20.690	0.117	7	Pass
5MHz_Low_16QAM_1@12	23.38	21.840	0.153	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_Low_16QAM_1@24	23.48	21.940	0.156	7	Pass
5MHz_Low_16QAM_12@0	22.47	20.930	0.124	7	Pass
5MHz_Low_16QAM_12@13	22.79	21.250	0.133	7	Pass
5MHz_Low_16QAM_12@7	22.74	21.200	0.132	7	Pass
5MHz_Low_16QAM_25@0	22.74	21.200	0.132	7	Pass
5MHz_Middle_QPSK_1@0	23.72	22.180	0.165	7	Pass
5MHz_Middle_QPSK_1@12	23.13	21.590	0.144	7	Pass
5MHz_Middle_QPSK_1@24	23.52	21.980	0.158	7	Pass
5MHz_Middle_QPSK_12@0	22.96	21.420	0.139	7	Pass
5MHz_Middle_QPSK_12@13	22.86	21.320	0.136	7	Pass
5MHz_Middle_QPSK_12@7	22.78	21.240	0.133	7	Pass
5MHz_Middle_QPSK_25@0	22.92	21.380	0.137	7	Pass
5MHz_Middle_16QAM_1@0	23.35	21.810	0.152	7	Pass
5MHz_Middle_16QAM_1@12	22.83	21.290	0.135	7	Pass
5MHz_Middle_16QAM_1@24	23.33	21.790	0.151	7	Pass
5MHz_Middle_16QAM_12@0	22.60	21.060	0.128	7	Pass
5MHz_Middle_16QAM_12@13	22.51	20.970	0.125	7	Pass
5MHz_Middle_16QAM_12@7	22.42	20.880	0.122	7	Pass
5MHz_Middle_16QAM_25@0	22.49	20.950	0.124	7	Pass
5MHz_High_QPSK_1@0	23.62	22.080	0.161	7	Pass
5MHz_High_QPSK_1@12	23.32	21.780	0.151	7	Pass
5MHz_High_QPSK_1@24	23.14	21.600	0.145	7	Pass
5MHz_High_QPSK_12@0	23.17	21.630	0.146	7	Pass
5MHz_High_QPSK_12@13	22.89	21.350	0.136	7	Pass
5MHz_High_QPSK_12@7	23	21.460	0.140	7	Pass
5MHz_High_QPSK_25@0	23.03	21.490	0.141	7	Pass
5MHz_High_16QAM_1@0	23.67	22.130	0.163	7	Pass
5MHz_High_16QAM_1@12	23.38	21.840	0.153	7	Pass
5MHz_High_16QAM_1@24	23.19	21.650	0.146	7	Pass
5MHz_High_16QAM_12@0	22.78	21.240	0.133	7	Pass
5MHz_High_16QAM_12@13	22.55	21.010	0.126	7	Pass
5MHz_High_16QAM_12@7	22.66	21.120	0.129	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_High_16QAM_25@0	22.66	21.120	0.129	7	Pass
10MHz_Low_QPSK_1@0	22.63	21.090	0.129	7	Pass
10MHz_Low_QPSK_1@25	22.12	20.580	0.114	7	Pass
10MHz_Low_QPSK_1@49	22.90	21.360	0.137	7	Pass
10MHz_Low_QPSK_25@0	21.70	20.160	0.104	7	Pass
10MHz_Low_QPSK_25@12	23.05	21.510	0.142	7	Pass
10MHz_Low_QPSK_25@25	22.79	21.250	0.133	7	Pass
10MHz_Low_QPSK_50@0	21.61	20.070	0.102	7	Pass
10MHz_Low_16QAM_1@0	23.36	21.820	0.152	7	Pass
10MHz_Low_16QAM_1@25	22.69	21.150	0.130	7	Pass
10MHz_Low_16QAM_1@49	23.69	22.150	0.164	7	Pass
10MHz_Low_16QAM_25@0	21.30	19.760	0.095	7	Pass
10MHz_Low_16QAM_25@12	21.26	19.720	0.094	7	Pass
10MHz_Low_16QAM_25@25	22.41	20.870	0.122	7	Pass
10MHz_Low_16QAM_50@0	22.26	20.720	0.118	7	Pass
10MHz_Middle_QPSK_1@0	23.55	22.010	0.159	7	Pass
10MHz_Middle_QPSK_1@25	22.64	21.100	0.129	7	Pass
10MHz_Middle_QPSK_1@49	23.86	22.320	0.171	7	Pass
10MHz_Middle_QPSK_25@0	22.73	21.190	0.132	7	Pass
10MHz_Middle_QPSK_25@12	22.61	21.070	0.128	7	Pass
10MHz_Middle_QPSK_25@25	21.58	20.040	0.101	7	Pass
10MHz_Middle_QPSK_50@0	22.65	21.110	0.129	7	Pass
10MHz_Middle_16QAM_1@0	21.79	20.250	0.106	7	Pass
10MHz_Middle_16QAM_1@25	22.59	21.050	0.127	7	Pass
10MHz_Middle_16QAM_1@49	23.96	22.420	0.175	7	Pass
10MHz_Middle_16QAM_25@0	22.35	20.810	0.121	7	Pass
10MHz_Middle_16QAM_25@12	22.22	20.680	0.117	7	Pass
10MHz_Middle_16QAM_25@25	22.32	20.780	0.120	7	Pass
10MHz_Middle_16QAM_50@0	22.36	20.820	0.121	7	Pass
10MHz_High_QPSK_1@0	24.11	22.570	0.181	7	Pass
10MHz_High_QPSK_1@25	23.19	21.650	0.146	7	Pass
10MHz_High_QPSK_1@49	23.53	21.990	0.158	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_High_QPSK_25@0	22.98	21.440	0.139	7	Pass
10MHz_High_QPSK_25@12	22.84	21.300	0.135	7	Pass
10MHz_High_QPSK_25@25	22.71	21.170	0.131	7	Pass
10MHz_High_QPSK_50@0	22.92	21.380	0.137	7	Pass
10MHz_High_16QAM_1@0	23.51	21.970	0.157	7	Pass
10MHz_High_16QAM_1@25	22.88	21.340	0.136	7	Pass
10MHz_High_16QAM_1@49	23.15	21.610	0.145	7	Pass
10MHz_High_16QAM_25@0	22.53	20.990	0.126	7	Pass
10MHz_High_16QAM_25@12	22.41	20.870	0.122	7	Pass
10MHz_High_16QAM_25@25	22.28	20.740	0.119	7	Pass
10MHz_High_16QAM_50@0	22.45	20.910	0.123	7	Pass

Note:

ERP = Conducted Power(dBm) - L_C(dB) + G_T(dBd)

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = 0.61dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

FCC Part 24E

B2 , Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	20.83	23.940	0.248	2	Pass
1.4MHz_Low_QPSK_1@3	21.19	24.300	0.269	2	Pass
1.4MHz_Low_QPSK_1@5	21.34	24.450	0.279	2	Pass
1.4MHz_Low_QPSK_3@0	19.04	22.150	0.164	2	Pass
1.4MHz_Low_QPSK_3@1	21.28	24.390	0.275	2	Pass
1.4MHz_Low_QPSK_3@3	21.21	24.320	0.270	2	Pass
1.4MHz_Low_QPSK_6@0	20.65	23.760	0.238	2	Pass
1.4MHz_Low_16QAM_1@0	20.58	23.690	0.234	2	Pass
1.4MHz_Low_16QAM_1@3	20.57	23.680	0.233	2	Pass
1.4MHz_Low_16QAM_1@5	20.72	23.830	0.242	2	Pass
1.4MHz_Low_16QAM_3@0	20.71	23.820	0.241	2	Pass
1.4MHz_Low_16QAM_3@1	20.66	23.770	0.238	2	Pass
1.4MHz_Low_16QAM_3@3	21.04	24.150	0.260	2	Pass
1.4MHz_Low_16QAM_6@0	20.28	23.390	0.218	2	Pass
1.4MHz_Middle_QPSK_1@0	21.85	24.960	0.313	2	Pass
1.4MHz_Middle_QPSK_1@3	21.78	24.890	0.308	2	Pass
1.4MHz_Middle_QPSK_1@5	21.80	24.910	0.310	2	Pass
1.4MHz_Middle_QPSK_3@0	21.68	24.790	0.301	2	Pass
1.4MHz_Middle_QPSK_3@1	21.62	24.730	0.297	2	Pass
1.4MHz_Middle_QPSK_3@3	21.62	24.730	0.297	2	Pass
1.4MHz_Middle_QPSK_6@0	21.14	24.250	0.266	2	Pass
1.4MHz_Middle_16QAM_1@0	21.56	24.670	0.293	2	Pass
1.4MHz_Middle_16QAM_1@3	21.55	24.660	0.292	2	Pass
1.4MHz_Middle_16QAM_1@5	21.60	24.710	0.296	2	Pass
1.4MHz_Middle_16QAM_3@0	21.33	24.440	0.278	2	Pass
1.4MHz_Middle_16QAM_3@1	21.30	24.410	0.276	2	Pass
1.4MHz_Middle_16QAM_3@3	21.34	24.450	0.279	2	Pass
1.4MHz_Middle_16QAM_6@0	20.78	23.890	0.245	2	Pass
1.4MHz_High_QPSK_1@0	20.95	24.060	0.255	2	Pass
1.4MHz_High_QPSK_1@3	20.74	23.850	0.243	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_High_QPSK_1@5	20.94	24.050	0.254	2	Pass
1.4MHz_High_QPSK_3@0	21.09	24.200	0.263	2	Pass
1.4MHz_High_QPSK_3@1	21.01	24.120	0.258	2	Pass
1.4MHz_High_QPSK_3@3	20.95	24.060	0.255	2	Pass
1.4MHz_High_QPSK_6@0	20.57	23.680	0.233	2	Pass
1.4MHz_High_16QAM_1@0	20.68	23.790	0.239	2	Pass
1.4MHz_High_16QAM_1@3	20.60	23.710	0.235	2	Pass
1.4MHz_High_16QAM_1@5	20.44	23.550	0.226	2	Pass
1.4MHz_High_16QAM_3@0	20.90	24.010	0.252	2	Pass
1.4MHz_High_16QAM_3@1	20.82	23.930	0.247	2	Pass
1.4MHz_High_16QAM_3@3	20.77	23.880	0.244	2	Pass
1.4MHz_High_16QAM_6@0	20.27	23.380	0.218	2	Pass
3MHz_Low_QPSK_1@0	21.65	24.760	0.299	2	Pass
3MHz_Low_QPSK_1@14	22.14	25.250	0.335	2	Pass
3MHz_Low_QPSK_1@8	21.38	24.490	0.281	2	Pass
3MHz_Low_QPSK_15@0	20.80	23.910	0.246	2	Pass
3MHz_Low_QPSK_8@0	20.68	23.790	0.239	2	Pass
3MHz_Low_QPSK_8@4	20.85	23.960	0.249	2	Pass
3MHz_Low_QPSK_8@7	21.14	24.250	0.266	2	Pass
3MHz_Low_16QAM_1@0	21.01	24.120	0.258	2	Pass
3MHz_Low_16QAM_1@14	21.48	24.590	0.288	2	Pass
3MHz_Low_16QAM_1@8	20.80	23.910	0.246	2	Pass
3MHz_Low_16QAM_15@0	20.32	23.430	0.220	2	Pass
3MHz_Low_16QAM_8@0	20.43	23.540	0.226	2	Pass
3MHz_Low_16QAM_8@4	20.60	23.710	0.235	2	Pass
3MHz_Low_16QAM_8@7	20.74	23.850	0.243	2	Pass
3MHz_Middle_QPSK_1@0	21.87	24.980	0.315	2	Pass
3MHz_Middle_QPSK_1@14	21.71	24.820	0.303	2	Pass
3MHz_Middle_QPSK_1@8	21.31	24.420	0.277	2	Pass
3MHz_Middle_QPSK_15@0	21.04	24.150	0.260	2	Pass
3MHz_Middle_QPSK_8@0	21.17	24.280	0.268	2	Pass
3MHz_Middle_QPSK_8@4	21.12	24.230	0.265	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
3MHz_Middle_QPSK_8@7	21.10	24.210	0.264	2	Pass
3MHz_Middle_16QAM_1@0	21.72	24.830	0.304	2	Pass
3MHz_Middle_16QAM_1@14	21.62	24.730	0.297	2	Pass
3MHz_Middle_16QAM_1@8	21.16	24.270	0.267	2	Pass
3MHz_Middle_16QAM_15@0	20.62	23.730	0.236	2	Pass
3MHz_Middle_16QAM_8@0	20.82	23.930	0.247	2	Pass
3MHz_Middle_16QAM_8@4	20.77	23.880	0.244	2	Pass
3MHz_Middle_16QAM_8@7	20.75	23.860	0.243	2	Pass
3MHz_High_QPSK_1@0	21.93	25.040	0.319	2	Pass
3MHz_High_QPSK_1@14	21.26	24.370	0.274	2	Pass
3MHz_High_QPSK_1@8	20.92	24.030	0.253	2	Pass
3MHz_High_QPSK_15@0	20.59	23.700	0.234	2	Pass
3MHz_High_QPSK_8@0	20.72	23.830	0.242	2	Pass
3MHz_High_QPSK_8@4	20.58	23.690	0.234	2	Pass
3MHz_High_QPSK_8@7	20.50	23.610	0.230	2	Pass
3MHz_High_16QAM_1@0	21.35	24.460	0.279	2	Pass
3MHz_High_16QAM_1@14	20.87	23.980	0.250	2	Pass
3MHz_High_16QAM_1@8	20.83	23.940	0.248	2	Pass
3MHz_High_16QAM_15@0	20.14	23.250	0.211	2	Pass
3MHz_High_16QAM_8@0	20.47	23.580	0.228	2	Pass
3MHz_High_16QAM_8@4	20.29	23.400	0.219	2	Pass
3MHz_High_16QAM_8@7	20.22	23.330	0.215	2	Pass
5MHz_Low_QPSK_1@0	21.22	24.330	0.271	2	Pass
5MHz_Low_QPSK_1@12	21.42	24.530	0.284	2	Pass
5MHz_Low_QPSK_1@24	22.13	25.240	0.334	2	Pass
5MHz_Low_QPSK_12@0	20.81	23.920	0.247	2	Pass
5MHz_Low_QPSK_12@13	21.51	24.620	0.290	2	Pass
5MHz_Low_QPSK_12@7	21.05	24.160	0.261	2	Pass
5MHz_Low_QPSK_25@0	21.14	24.250	0.266	2	Pass
5MHz_Low_16QAM_1@0	20.90	24.010	0.252	2	Pass
5MHz_Low_16QAM_1@12	21.12	24.230	0.265	2	Pass
5MHz_Low_16QAM_1@24	21.83	24.940	0.312	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_Low_16QAM_12@0	20.45	23.560	0.227	2	Pass
5MHz_Low_16QAM_12@13	21.08	24.190	0.262	2	Pass
5MHz_Low_16QAM_12@7	20.70	23.810	0.240	2	Pass
5MHz_Low_16QAM_25@0	20.56	23.670	0.233	2	Pass
5MHz_Middle_QPSK_1@0	21.42	24.530	0.284	2	Pass
5MHz_Middle_QPSK_1@12	21.50	24.610	0.289	2	Pass
5MHz_Middle_QPSK_1@24	21.66	24.770	0.300	2	Pass
5MHz_Middle_QPSK_12@0	21.21	24.320	0.270	2	Pass
5MHz_Middle_QPSK_12@13	21.05	24.160	0.261	2	Pass
5MHz_Middle_QPSK_12@7	21.10	24.210	0.264	2	Pass
5MHz_Middle_QPSK_25@0	21.14	24.250	0.266	2	Pass
5MHz_Middle_16QAM_1@0	21.33	24.440	0.278	2	Pass
5MHz_Middle_16QAM_1@12	21.28	24.390	0.275	2	Pass
5MHz_Middle_16QAM_1@24	21.53	24.640	0.291	2	Pass
5MHz_Middle_16QAM_12@0	20.76	23.870	0.244	2	Pass
5MHz_Middle_16QAM_12@13	20.63	23.740	0.237	2	Pass
5MHz_Middle_16QAM_12@7	20.67	23.780	0.239	2	Pass
5MHz_Middle_16QAM_25@0	20.75	23.860	0.243	2	Pass
5MHz_High_QPSK_1@0	22.17	25.280	0.337	2	Pass
5MHz_High_QPSK_1@12	21.18	24.290	0.269	2	Pass
5MHz_High_QPSK_1@24	20.93	24.040	0.254	2	Pass
5MHz_High_QPSK_12@0	21.21	24.320	0.270	2	Pass
5MHz_High_QPSK_12@13	20.62	23.730	0.236	2	Pass
5MHz_High_QPSK_12@7	20.81	23.920	0.247	2	Pass
5MHz_High_QPSK_25@0	21.08	24.190	0.262	2	Pass
5MHz_High_16QAM_1@0	21.92	25.030	0.318	2	Pass
5MHz_High_16QAM_1@12	21.14	24.250	0.266	2	Pass
5MHz_High_16QAM_1@24	20.85	23.960	0.249	2	Pass
5MHz_High_16QAM_12@0	20.88	23.990	0.251	2	Pass
5MHz_High_16QAM_12@13	20.29	23.400	0.219	2	Pass
5MHz_High_16QAM_12@7	20.59	23.700	0.234	2	Pass
5MHz_High_16QAM_25@0	20.48	23.590	0.229	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_Low_QPSK_1@0	21.76	24.870	0.307	2	Pass
10MHz_Low_QPSK_1@25	21.84	24.950	0.313	2	Pass
10MHz_Low_QPSK_1@49	23.01	26.120	0.409	2	Pass
10MHz_Low_QPSK_25@0	20.88	23.990	0.251	2	Pass
10MHz_Low_QPSK_25@12	21.46	24.570	0.286	2	Pass
10MHz_Low_QPSK_25@25	21.61	24.720	0.296	2	Pass
10MHz_Low_QPSK_50@0	21.43	24.540	0.284	2	Pass
10MHz_Low_16QAM_1@0	20.68	23.790	0.239	2	Pass
10MHz_Low_16QAM_1@25	21.10	24.210	0.264	2	Pass
10MHz_Low_16QAM_1@49	22.22	25.330	0.341	2	Pass
10MHz_Low_16QAM_25@0	20.43	23.540	0.226	2	Pass
10MHz_Low_16QAM_25@12	21.03	24.140	0.259	2	Pass
10MHz_Low_16QAM_25@25	21.14	24.250	0.266	2	Pass
10MHz_Low_16QAM_50@0	21.03	24.140	0.259	2	Pass
10MHz_Middle_QPSK_1@0	21.75	24.860	0.306	2	Pass
10MHz_Middle_QPSK_1@25	21.04	24.150	0.260	2	Pass
10MHz_Middle_QPSK_1@49	22.05	25.160	0.328	2	Pass
10MHz_Middle_QPSK_25@0	20.72	23.830	0.242	2	Pass
10MHz_Middle_QPSK_25@12	20.86	23.970	0.249	2	Pass
10MHz_Middle_QPSK_25@25	20.99	24.100	0.257	2	Pass
10MHz_Middle_QPSK_50@0	20.79	23.900	0.245	2	Pass
10MHz_Middle_16QAM_1@0	21.59	24.700	0.295	2	Pass
10MHz_Middle_16QAM_1@25	20.93	24.040	0.254	2	Pass
10MHz_Middle_16QAM_1@49	21.90	25.010	0.317	2	Pass
10MHz_Middle_16QAM_25@0	20.34	23.450	0.221	2	Pass
10MHz_Middle_16QAM_25@12	20.45	23.560	0.227	2	Pass
10MHz_Middle_16QAM_25@25	20.59	23.700	0.234	2	Pass
10MHz_Middle_16QAM_50@0	20.48	23.590	0.229	2	Pass
10MHz_High_QPSK_1@0	23.02	26.130	0.410	2	Pass
10MHz_High_QPSK_1@25	21.82	24.930	0.311	2	Pass
10MHz_High_QPSK_1@49	21.41	24.520	0.283	2	Pass
10MHz_High_QPSK_25@0	21.45	24.560	0.286	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_High_QPSK_25@12	21.47	24.580	0.287	2	Pass
10MHz_High_QPSK_25@25	20.79	23.900	0.245	2	Pass
10MHz_High_QPSK_50@0	21.52	24.630	0.290	2	Pass
10MHz_High_16QAM_1@0	22.53	25.640	0.366	2	Pass
10MHz_High_16QAM_1@25	21.51	24.620	0.290	2	Pass
10MHz_High_16QAM_1@49	20.82	23.930	0.247	2	Pass
10MHz_High_16QAM_25@0	21.07	24.180	0.262	2	Pass
10MHz_High_16QAM_25@12	21.05	24.160	0.261	2	Pass
10MHz_High_16QAM_25@25	20.34	23.450	0.221	2	Pass
10MHz_High_16QAM_50@0	21.27	24.380	0.274	2	Pass
15MHz_Low_QPSK_1@0	21.37	24.480	0.281	2	Pass
15MHz_Low_QPSK_1@37	21.82	24.930	0.311	2	Pass
15MHz_Low_QPSK_1@74	22.39	25.500	0.355	2	Pass
15MHz_Low_QPSK_36@0	21.08	24.190	0.262	2	Pass
15MHz_Low_QPSK_36@20	21.41	24.520	0.283	2	Pass
15MHz_Low_QPSK_36@39	21.78	24.890	0.308	2	Pass
15MHz_Low_QPSK_75@0	21.26	24.370	0.274	2	Pass
15MHz_Low_16QAM_1@0	20.86	23.970	0.249	2	Pass
15MHz_Low_16QAM_1@37	21.38	24.490	0.281	2	Pass
15MHz_Low_16QAM_1@74	22.13	25.240	0.334	2	Pass
15MHz_Low_16QAM_36@0	20.59	23.700	0.234	2	Pass
15MHz_Low_16QAM_36@20	20.90	24.010	0.252	2	Pass
15MHz_Low_16QAM_36@39	21.22	24.330	0.271	2	Pass
15MHz_Low_16QAM_75@0	20.82	23.930	0.247	2	Pass
15MHz_Middle_QPSK_1@0	21.67	24.780	0.301	2	Pass
15MHz_Middle_QPSK_1@37	20.80	23.910	0.246	2	Pass
15MHz_Middle_QPSK_1@74	21.52	24.630	0.290	2	Pass
15MHz_Middle_QPSK_36@0	20.50	23.610	0.230	2	Pass
15MHz_Middle_QPSK_36@20	20.53	23.640	0.231	2	Pass
15MHz_Middle_QPSK_36@39	20.73	23.840	0.242	2	Pass
15MHz_Middle_QPSK_75@0	20.73	23.840	0.242	2	Pass
15MHz_Middle_16QAM_1@0	21.61	24.720	0.296	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_Middle_16QAM_1@37	20.73	23.840	0.242	2	Pass
15MHz_Middle_16QAM_1@74	21.40	24.510	0.282	2	Pass
15MHz_Middle_16QAM_36@0	20.19	23.300	0.214	2	Pass
15MHz_Middle_16QAM_36@20	20.17	23.280	0.213	2	Pass
15MHz_Middle_16QAM_36@39	20.36	23.470	0.222	2	Pass
15MHz_Middle_16QAM_75@0	20.29	23.400	0.219	2	Pass
15MHz_High_QPSK_1@0	22.89	26.000	0.398	2	Pass
15MHz_High_QPSK_1@37	21.72	24.830	0.304	2	Pass
15MHz_High_QPSK_1@74	21.01	24.120	0.258	2	Pass
15MHz_High_QPSK_36@0	21.59	24.700	0.295	2	Pass
15MHz_High_QPSK_36@20	21.25	24.360	0.273	2	Pass
15MHz_High_QPSK_36@39	21.20	24.310	0.270	2	Pass
15MHz_High_QPSK_75@0	21.14	24.250	0.266	2	Pass
15MHz_High_16QAM_1@0	22.45	25.560	0.360	2	Pass
15MHz_High_16QAM_1@37	21.33	24.440	0.278	2	Pass
15MHz_High_16QAM_1@74	20.52	23.630	0.231	2	Pass
15MHz_High_16QAM_36@0	21.28	24.390	0.275	2	Pass
15MHz_High_16QAM_36@20	20.97	24.080	0.256	2	Pass
15MHz_High_16QAM_36@39	20.70	23.810	0.240	2	Pass
15MHz_High_16QAM_75@0	20.89	24.000	0.251	2	Pass
20MHz_Low_QPSK_1@0	20.53	23.640	0.231	2	Pass
20MHz_Low_QPSK_1@49	21.81	24.920	0.310	2	Pass
20MHz_Low_QPSK_1@99	21.61	24.720	0.296	2	Pass
20MHz_Low_QPSK_100@0	21.10	24.210	0.264	2	Pass
20MHz_Low_QPSK_50@0	21.10	24.210	0.264	2	Pass
20MHz_Low_QPSK_50@24	21.33	24.440	0.278	2	Pass
20MHz_Low_QPSK_50@50	21.19	24.300	0.269	2	Pass
20MHz_Low_16QAM_1@0	20.44	23.550	0.226	2	Pass
20MHz_Low_16QAM_1@49	21.72	24.830	0.304	2	Pass
20MHz_Low_16QAM_1@99	21.49	24.600	0.288	2	Pass
20MHz_Low_16QAM_100@0	20.63	23.740	0.237	2	Pass
20MHz_Low_16QAM_50@0	20.45	23.560	0.227	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_Low_16QAM_50@24	20.73	23.840	0.242	2	Pass
20MHz_Low_16QAM_50@50	20.69	23.800	0.240	2	Pass
20MHz_Middle_QPSK_1@0	21.21	24.320	0.270	2	Pass
20MHz_Middle_QPSK_1@49	20.70	23.810	0.240	2	Pass
20MHz_Middle_QPSK_1@99	21.36	24.470	0.280	2	Pass
20MHz_Middle_QPSK_100@0	20.49	23.600	0.229	2	Pass
20MHz_Middle_QPSK_50@0	20.27	23.380	0.218	2	Pass
20MHz_Middle_QPSK_50@24	20.23	23.340	0.216	2	Pass
20MHz_Middle_QPSK_50@50	20.43	23.540	0.226	2	Pass
20MHz_Middle_16QAM_1@0	21.11	24.220	0.264	2	Pass
20MHz_Middle_16QAM_1@49	20.58	23.690	0.234	2	Pass
20MHz_Middle_16QAM_1@99	21.16	24.270	0.267	2	Pass
20MHz_Middle_16QAM_100@0	20.04	23.150	0.207	2	Pass
20MHz_Middle_16QAM_50@0	19.90	23.010	0.200	2	Pass
20MHz_Middle_16QAM_50@24	19.80	22.910	0.195	2	Pass
20MHz_Middle_16QAM_50@50	20.02	23.130	0.206	2	Pass
20MHz_High_QPSK_1@0	21.48	24.590	0.288	2	Pass
20MHz_High_QPSK_1@49	21.78	24.890	0.308	2	Pass
20MHz_High_QPSK_1@99	20.48	23.590	0.229	2	Pass
20MHz_High_QPSK_100@0	20.90	24.010	0.252	2	Pass
20MHz_High_QPSK_50@0	21.37	24.480	0.281	2	Pass
20MHz_High_QPSK_50@24	21.48	24.590	0.288	2	Pass
20MHz_High_QPSK_50@50	21.09	24.200	0.263	2	Pass
20MHz_High_16QAM_1@0	21.50	24.610	0.289	2	Pass
20MHz_High_16QAM_1@49	21.69	24.800	0.302	2	Pass
20MHz_High_16QAM_1@99	20.35	23.460	0.222	2	Pass
20MHz_High_16QAM_100@0	20.49	23.600	0.229	2	Pass
20MHz_High_16QAM_50@0	21.08	24.190	0.262	2	Pass
20MHz_High_16QAM_50@24	20.96	24.070	0.255	2	Pass
20MHz_High_16QAM_50@50	20.70	23.810	0.240	2	Pass

Note:
EIRP = Conducted Power(dBm) - L_C(dB) + G_T(dBd)
1.Ant Gain = 3.11dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

FCC Part 27

B12 , Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	23.93	19.880	0.097	3	Pass
1.4MHz_Low_QPSK_1@3	23.64	19.590	0.091	3	Pass
1.4MHz_Low_QPSK_1@5	23.63	19.580	0.091	3	Pass
1.4MHz_Low_QPSK_3@0	23.58	19.530	0.090	3	Pass
1.4MHz_Low_QPSK_3@1	23.53	19.480	0.089	3	Pass
1.4MHz_Low_QPSK_3@3	23.50	19.450	0.088	3	Pass
1.4MHz_Low_QPSK_6@0	23.11	19.060	0.081	3	Pass
1.4MHz_Low_16QAM_1@0	23.33	19.280	0.085	3	Pass
1.4MHz_Low_16QAM_1@3	23.19	19.140	0.082	3	Pass
1.4MHz_Low_16QAM_1@5	23.27	19.220	0.084	3	Pass
1.4MHz_Low_16QAM_3@0	23.26	19.210	0.083	3	Pass
1.4MHz_Low_16QAM_3@1	23.25	19.200	0.083	3	Pass
1.4MHz_Low_16QAM_3@3	23.28	19.230	0.084	3	Pass
1.4MHz_Low_16QAM_6@0	22.54	18.490	0.071	3	Pass
1.4MHz_Middle_QPSK_1@0	22.79	18.740	0.075	3	Pass
1.4MHz_Middle_QPSK_1@3	22.75	18.700	0.074	3	Pass
1.4MHz_Middle_QPSK_1@5	23.13	19.080	0.081	3	Pass
1.4MHz_Middle_QPSK_3@0	22.72	18.670	0.074	3	Pass
1.4MHz_Middle_QPSK_3@1	22.71	18.660	0.073	3	Pass
1.4MHz_Middle_QPSK_3@3	23.03	18.980	0.079	3	Pass
1.4MHz_Middle_QPSK_6@0	22.20	18.150	0.065	3	Pass
1.4MHz_Middle_16QAM_1@0	22.44	18.390	0.069	3	Pass
1.4MHz_Middle_16QAM_1@3	22.39	18.340	0.068	3	Pass
1.4MHz_Middle_16QAM_1@5	22.46	18.410	0.069	3	Pass
1.4MHz_Middle_16QAM_3@0	22.30	18.250	0.067	3	Pass
1.4MHz_Middle_16QAM_3@1	22.47	18.420	0.070	3	Pass
1.4MHz_Middle_16QAM_3@3	22.78	18.730	0.075	3	Pass
1.4MHz_Middle_16QAM_6@0	20.61	16.560	0.045	3	Pass
1.4MHz_High_QPSK_1@0	23.55	19.500	0.089	3	Pass
1.4MHz_High_QPSK_1@3	23.42	19.370	0.086	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_High_QPSK_1@5	23.43	19.380	0.087	3	Pass
1.4MHz_High_QPSK_3@0	23.34	19.290	0.085	3	Pass
1.4MHz_High_QPSK_3@1	23.28	19.230	0.084	3	Pass
1.4MHz_High_QPSK_3@3	22.17	18.120	0.065	3	Pass
1.4MHz_High_QPSK_6@0	22.81	18.760	0.075	3	Pass
1.4MHz_High_16QAM_1@0	22.94	18.890	0.077	3	Pass
1.4MHz_High_16QAM_1@3	22.75	18.700	0.074	3	Pass
1.4MHz_High_16QAM_1@5	23.13	19.080	0.081	3	Pass
1.4MHz_High_16QAM_3@0	23.13	19.080	0.081	3	Pass
1.4MHz_High_16QAM_3@1	21.81	17.760	0.060	3	Pass
1.4MHz_High_16QAM_3@3	22.99	18.940	0.078	3	Pass
1.4MHz_High_16QAM_6@0	22.28	18.230	0.067	3	Pass
3MHz_Low_QPSK_1@0	23.89	19.840	0.096	3	Pass
3MHz_Low_QPSK_1@14	23.60	19.550	0.090	3	Pass
3MHz_Low_QPSK_1@8	23.34	19.290	0.085	3	Pass
3MHz_Low_QPSK_15@0	22.91	18.860	0.077	3	Pass
3MHz_Low_QPSK_8@0	23	18.950	0.079	3	Pass
3MHz_Low_QPSK_8@4	21.83	17.780	0.060	3	Pass
3MHz_Low_QPSK_8@7	23.05	19.000	0.079	3	Pass
3MHz_Low_16QAM_1@0	23.42	19.370	0.086	3	Pass
3MHz_Low_16QAM_1@14	23.33	19.280	0.085	3	Pass
3MHz_Low_16QAM_1@8	22.87	18.820	0.076	3	Pass
3MHz_Low_16QAM_15@0	22.36	18.310	0.068	3	Pass
3MHz_Low_16QAM_8@0	22.57	18.520	0.071	3	Pass
3MHz_Low_16QAM_8@4	22.46	18.410	0.069	3	Pass
3MHz_Low_16QAM_8@7	22.35	18.300	0.068	3	Pass
3MHz_Middle_QPSK_1@0	23.33	19.280	0.085	3	Pass
3MHz_Middle_QPSK_1@14	23.19	19.140	0.082	3	Pass
3MHz_Middle_QPSK_1@8	22.47	18.420	0.070	3	Pass
3MHz_Middle_QPSK_15@0	22.21	18.160	0.065	3	Pass
3MHz_Middle_QPSK_8@0	22.42	18.370	0.069	3	Pass
3MHz_Middle_QPSK_8@4	22.27	18.220	0.066	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
3MHz_Middle_QPSK_8@7	22.61	18.560	0.072	3	Pass
3MHz_Middle_16QAM_1@0	23.19	19.140	0.082	3	Pass
3MHz_Middle_16QAM_1@14	23.28	19.230	0.084	3	Pass
3MHz_Middle_16QAM_1@8	22.54	18.490	0.071	3	Pass
3MHz_Middle_16QAM_15@0	21.82	17.770	0.060	3	Pass
3MHz_Middle_16QAM_8@0	22.10	18.050	0.064	3	Pass
3MHz_Middle_16QAM_8@4	21.96	17.910	0.062	3	Pass
3MHz_Middle_16QAM_8@7	22.34	18.290	0.067	3	Pass
3MHz_High_QPSK_1@0	23.92	19.870	0.097	3	Pass
3MHz_High_QPSK_1@14	23.64	19.590	0.091	3	Pass
3MHz_High_QPSK_1@8	23.26	19.210	0.083	3	Pass
3MHz_High_QPSK_15@0	22.86	18.810	0.076	3	Pass
3MHz_High_QPSK_8@0	22.98	18.930	0.078	3	Pass
3MHz_High_QPSK_8@4	22.91	18.860	0.077	3	Pass
3MHz_High_QPSK_8@7	22.87	18.820	0.076	3	Pass
3MHz_High_16QAM_1@0	23.57	19.520	0.090	3	Pass
3MHz_High_16QAM_1@14	22.87	18.820	0.076	3	Pass
3MHz_High_16QAM_1@8	22.61	18.560	0.072	3	Pass
3MHz_High_16QAM_15@0	22.41	18.360	0.069	3	Pass
3MHz_High_16QAM_8@0	22.50	18.450	0.070	3	Pass
3MHz_High_16QAM_8@4	22.42	18.370	0.069	3	Pass
3MHz_High_16QAM_8@7	22.37	18.320	0.068	3	Pass
5MHz_Low_QPSK_1@0	23.57	19.520	0.090	3	Pass
5MHz_Low_QPSK_1@12	23.04	18.990	0.079	3	Pass
5MHz_Low_QPSK_1@24	22.90	18.850	0.077	3	Pass
5MHz_Low_QPSK_12@0	22.92	18.870	0.077	3	Pass
5MHz_Low_QPSK_12@13	22.48	18.430	0.070	3	Pass
5MHz_Low_QPSK_12@7	22.64	18.590	0.072	3	Pass
5MHz_Low_QPSK_25@0	23.04	18.990	0.079	3	Pass
5MHz_Low_16QAM_1@0	23.15	19.100	0.081	3	Pass
5MHz_Low_16QAM_1@12	22.71	18.660	0.073	3	Pass
5MHz_Low_16QAM_1@24	22.59	18.540	0.071	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_Low_16QAM_12@0	22.51	18.460	0.070	3	Pass
5MHz_Low_16QAM_12@13	20.53	16.480	0.044	3	Pass
5MHz_Low_16QAM_12@7	22.25	18.200	0.066	3	Pass
5MHz_Low_16QAM_25@0	22.24	18.190	0.066	3	Pass
5MHz_Middle_QPSK_1@0	22.94	18.890	0.077	3	Pass
5MHz_Middle_QPSK_1@12	22.52	18.470	0.070	3	Pass
5MHz_Middle_QPSK_1@24	22.97	18.920	0.078	3	Pass
5MHz_Middle_QPSK_12@0	22.63	18.580	0.072	3	Pass
5MHz_Middle_QPSK_12@13	22.50	18.450	0.070	3	Pass
5MHz_Middle_QPSK_12@7	22.23	18.180	0.066	3	Pass
5MHz_Middle_QPSK_25@0	22.35	18.300	0.068	3	Pass
5MHz_Middle_16QAM_1@0	22.77	18.720	0.074	3	Pass
5MHz_Middle_16QAM_1@12	22.35	18.300	0.068	3	Pass
5MHz_Middle_16QAM_1@24	22.76	18.710	0.074	3	Pass
5MHz_Middle_16QAM_12@0	22.26	18.210	0.066	3	Pass
5MHz_Middle_16QAM_12@13	22.11	18.060	0.064	3	Pass
5MHz_Middle_16QAM_12@7	21.86	17.810	0.060	3	Pass
5MHz_Middle_16QAM_25@0	21.93	17.880	0.061	3	Pass
5MHz_High_QPSK_1@0	23.41	19.360	0.086	3	Pass
5MHz_High_QPSK_1@12	23.27	19.220	0.084	3	Pass
5MHz_High_QPSK_1@24	23.29	19.240	0.084	3	Pass
5MHz_High_QPSK_12@0	22.96	18.910	0.078	3	Pass
5MHz_High_QPSK_12@13	22.91	18.860	0.077	3	Pass
5MHz_High_QPSK_12@7	22.94	18.890	0.077	3	Pass
5MHz_High_QPSK_25@0	22.96	18.910	0.078	3	Pass
5MHz_High_16QAM_1@0	23.34	19.290	0.085	3	Pass
5MHz_High_16QAM_1@12	23.07	19.020	0.080	3	Pass
5MHz_High_16QAM_1@24	23.12	19.070	0.081	3	Pass
5MHz_High_16QAM_12@0	22.52	18.470	0.070	3	Pass
5MHz_High_16QAM_12@13	22.48	18.430	0.070	3	Pass
5MHz_High_16QAM_12@7	22.49	18.440	0.070	3	Pass
5MHz_High_16QAM_25@0	22.48	18.430	0.070	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_Low_QPSK_1@0	24.05	20.000	0.100	3	Pass
10MHz_Low_QPSK_1@25	22.47	18.420	0.070	3	Pass
10MHz_Low_QPSK_1@49	23.28	19.230	0.084	3	Pass
10MHz_Low_QPSK_25@0	22.41	18.360	0.069	3	Pass
10MHz_Low_QPSK_25@12	22.19	18.140	0.065	3	Pass
10MHz_Low_QPSK_25@25	22.11	18.060	0.064	3	Pass
10MHz_Low_QPSK_50@0	22.49	18.440	0.070	3	Pass
10MHz_Low_16QAM_1@0	23.63	19.580	0.091	3	Pass
10MHz_Low_16QAM_1@25	22.34	18.290	0.067	3	Pass
10MHz_Low_16QAM_1@49	23.06	19.010	0.080	3	Pass
10MHz_Low_16QAM_25@0	21.90	17.850	0.061	3	Pass
10MHz_Low_16QAM_25@12	21.68	17.630	0.058	3	Pass
10MHz_Low_16QAM_25@25	21.59	17.540	0.057	3	Pass
10MHz_Low_16QAM_50@0	20.96	16.910	0.049	3	Pass
10MHz_Middle_QPSK_1@0	21.89	17.840	0.061	3	Pass
10MHz_Middle_QPSK_1@25	21.98	17.930	0.062	3	Pass
10MHz_Middle_QPSK_1@49	23.51	19.460	0.088	3	Pass
10MHz_Middle_QPSK_25@0	22.20	18.150	0.065	3	Pass
10MHz_Middle_QPSK_25@12	21.93	17.880	0.061	3	Pass
10MHz_Middle_QPSK_25@25	22.16	18.110	0.065	3	Pass
10MHz_Middle_QPSK_50@0	22.19	18.140	0.065	3	Pass
10MHz_Middle_16QAM_1@0	23.01	18.960	0.079	3	Pass
10MHz_Middle_16QAM_1@25	21.96	17.910	0.062	3	Pass
10MHz_Middle_16QAM_1@49	23.39	19.340	0.086	3	Pass
10MHz_Middle_16QAM_25@0	21.72	17.670	0.058	3	Pass
10MHz_Middle_16QAM_25@12	21.42	17.370	0.055	3	Pass
10MHz_Middle_16QAM_25@25	21.68	17.630	0.058	3	Pass
10MHz_Middle_16QAM_50@0	21.63	17.580	0.057	3	Pass
10MHz_High_QPSK_1@0	23.46	19.410	0.087	3	Pass
10MHz_High_QPSK_1@25	22.95	18.900	0.078	3	Pass
10MHz_High_QPSK_1@49	23.74	19.690	0.093	3	Pass
10MHz_High_QPSK_25@0	22.59	18.540	0.071	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_High_QPSK_25@12	22.50	18.450	0.070	3	Pass
10MHz_High_QPSK_25@25	22.74	18.690	0.074	3	Pass
10MHz_High_QPSK_50@0	22.47	18.420	0.070	3	Pass
10MHz_High_16QAM_1@0	23.18	19.130	0.082	3	Pass
10MHz_High_16QAM_1@25	22.75	18.700	0.074	3	Pass
10MHz_High_16QAM_1@49	23.36	19.310	0.085	3	Pass
10MHz_High_16QAM_25@0	22.23	18.180	0.066	3	Pass
10MHz_High_16QAM_25@12	22.11	18.060	0.064	3	Pass
10MHz_High_16QAM_25@25	22.34	18.290	0.067	3	Pass
10MHz_High_16QAM_50@0	21.98	17.930	0.062	3	Pass

Note:

ERP = Conducted Power(dBm) - L_C(dB) + G_T(dBd)

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -1.9dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

B66 , Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	21.95	22.070	0.161	1	Pass
1.4MHz_Low_QPSK_1@3	22.10	22.220	0.167	1	Pass
1.4MHz_Low_QPSK_1@5	22.19	22.310	0.170	1	Pass
1.4MHz_Low_QPSK_3@0	22.15	22.270	0.169	1	Pass
1.4MHz_Low_QPSK_3@1	22.09	22.210	0.166	1	Pass
1.4MHz_Low_QPSK_3@3	22.12	22.240	0.167	1	Pass
1.4MHz_Low_QPSK_6@0	21.47	21.590	0.144	1	Pass
1.4MHz_Low_16QAM_1@0	21.78	21.900	0.155	1	Pass
1.4MHz_Low_16QAM_1@3	21.74	21.860	0.153	1	Pass
1.4MHz_Low_16QAM_1@5	21.87	21.990	0.158	1	Pass
1.4MHz_Low_16QAM_3@0	21.64	21.760	0.150	1	Pass
1.4MHz_Low_16QAM_3@1	21.50	21.620	0.145	1	Pass
1.4MHz_Low_16QAM_3@3	21.64	21.760	0.150	1	Pass
1.4MHz_Low_16QAM_6@0	21.19	21.310	0.135	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_Middle_QPSK_1@0	21.34	21.460	0.140	1	Pass
1.4MHz_Middle_QPSK_1@3	21.19	21.310	0.135	1	Pass
1.4MHz_Middle_QPSK_1@5	21.45	21.570	0.144	1	Pass
1.4MHz_Middle_QPSK_3@0	21.20	21.320	0.136	1	Pass
1.4MHz_Middle_QPSK_3@1	21.16	21.280	0.134	1	Pass
1.4MHz_Middle_QPSK_3@3	21.20	21.320	0.136	1	Pass
1.4MHz_Middle_QPSK_6@0	20.54	20.660	0.116	1	Pass
1.4MHz_Middle_16QAM_1@0	20.94	21.060	0.128	1	Pass
1.4MHz_Middle_16QAM_1@3	21.17	21.290	0.135	1	Pass
1.4MHz_Middle_16QAM_1@5	21.23	21.350	0.136	1	Pass
1.4MHz_Middle_16QAM_3@0	20.93	21.050	0.127	1	Pass
1.4MHz_Middle_16QAM_3@1	20.85	20.970	0.125	1	Pass
1.4MHz_Middle_16QAM_3@3	20.88	21.000	0.126	1	Pass
1.4MHz_Middle_16QAM_6@0	20.31	20.430	0.110	1	Pass
1.4MHz_High_QPSK_1@0	21.14	21.260	0.134	1	Pass
1.4MHz_High_QPSK_1@3	20.97	21.090	0.129	1	Pass
1.4MHz_High_QPSK_1@5	21.03	21.150	0.130	1	Pass
1.4MHz_High_QPSK_3@0	20.94	21.060	0.128	1	Pass
1.4MHz_High_QPSK_3@1	20.94	21.060	0.128	1	Pass
1.4MHz_High_QPSK_3@3	20.96	21.080	0.128	1	Pass
1.4MHz_High_QPSK_6@0	20.47	20.590	0.115	1	Pass
1.4MHz_High_16QAM_1@0	20.91	21.030	0.127	1	Pass
1.4MHz_High_16QAM_1@3	20.89	21.010	0.126	1	Pass
1.4MHz_High_16QAM_1@5	20.78	20.900	0.123	1	Pass
1.4MHz_High_16QAM_3@0	20.60	20.720	0.118	1	Pass
1.4MHz_High_16QAM_3@1	20.62	20.740	0.119	1	Pass
1.4MHz_High_16QAM_3@3	20.75	20.870	0.122	1	Pass
1.4MHz_High_16QAM_6@0	20.24	20.360	0.109	1	Pass
3MHz_Low_QPSK_1@0	22.38	22.500	0.178	1	Pass
3MHz_Low_QPSK_1@14	22.57	22.690	0.186	1	Pass
3MHz_Low_QPSK_1@8	22.07	22.190	0.166	1	Pass
3MHz_Low_QPSK_15@0	21.51	21.630	0.146	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
3MHz_Low_QPSK_8@0	21.51	21.630	0.146	1	Pass
3MHz_Low_QPSK_8@4	21.58	21.700	0.148	1	Pass
3MHz_Low_QPSK_8@7	21.65	21.770	0.150	1	Pass
3MHz_Low_16QAM_1@0	22.13	22.250	0.168	1	Pass
3MHz_Low_16QAM_1@14	22.35	22.470	0.177	1	Pass
3MHz_Low_16QAM_1@8	21.69	21.810	0.152	1	Pass
3MHz_Low_16QAM_15@0	21.08	21.200	0.132	1	Pass
3MHz_Low_16QAM_8@0	21.21	21.330	0.136	1	Pass
3MHz_Low_16QAM_8@4	21.40	21.520	0.142	1	Pass
3MHz_Low_16QAM_8@7	21.26	21.380	0.137	1	Pass
3MHz_Middle_QPSK_1@0	21.43	21.550	0.143	1	Pass
3MHz_Middle_QPSK_1@14	21.45	21.570	0.144	1	Pass
3MHz_Middle_QPSK_1@8	20.96	21.080	0.128	1	Pass
3MHz_Middle_QPSK_15@0	20.72	20.840	0.121	1	Pass
3MHz_Middle_QPSK_8@0	20.67	20.790	0.120	1	Pass
3MHz_Middle_QPSK_8@4	20.72	20.840	0.121	1	Pass
3MHz_Middle_QPSK_8@7	20.77	20.890	0.123	1	Pass
3MHz_Middle_16QAM_1@0	21.42	21.540	0.143	1	Pass
3MHz_Middle_16QAM_1@14	21.49	21.610	0.145	1	Pass
3MHz_Middle_16QAM_1@8	20.76	20.880	0.122	1	Pass
3MHz_Middle_16QAM_15@0	20.21	20.330	0.108	1	Pass
3MHz_Middle_16QAM_8@0	20.24	20.360	0.109	1	Pass
3MHz_Middle_16QAM_8@4	20.26	20.380	0.109	1	Pass
3MHz_Middle_16QAM_8@7	20.31	20.430	0.110	1	Pass
3MHz_High_QPSK_1@0	21.23	21.350	0.136	1	Pass
3MHz_High_QPSK_1@14	21.09	21.210	0.132	1	Pass
3MHz_High_QPSK_1@8	20.60	20.720	0.118	1	Pass
3MHz_High_QPSK_15@0	20.45	20.570	0.114	1	Pass
3MHz_High_QPSK_8@0	20.41	20.530	0.113	1	Pass
3MHz_High_QPSK_8@4	20.42	20.540	0.113	1	Pass
3MHz_High_QPSK_8@7	20.44	20.560	0.114	1	Pass
3MHz_High_16QAM_1@0	21.57	21.690	0.148	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
3MHz_High_16QAM_1@14	21.22	21.340	0.136	1	Pass
3MHz_High_16QAM_1@8	20.82	20.940	0.124	1	Pass
3MHz_High_16QAM_15@0	20.11	20.230	0.105	1	Pass
3MHz_High_16QAM_8@0	20.10	20.220	0.105	1	Pass
3MHz_High_16QAM_8@4	20.10	20.220	0.105	1	Pass
3MHz_High_16QAM_8@7	20.12	20.240	0.106	1	Pass
5MHz_Low_QPSK_1@0	22.05	22.170	0.165	1	Pass
5MHz_Low_QPSK_1@12	21.97	22.090	0.162	1	Pass
5MHz_Low_QPSK_1@24	22.31	22.430	0.175	1	Pass
5MHz_Low_QPSK_12@0	21.51	21.630	0.146	1	Pass
5MHz_Low_QPSK_12@13	21.70	21.820	0.152	1	Pass
5MHz_Low_QPSK_12@7	21.58	21.700	0.148	1	Pass
5MHz_Low_QPSK_25@0	21.62	21.740	0.149	1	Pass
5MHz_Low_16QAM_1@0	21.88	22.000	0.158	1	Pass
5MHz_Low_16QAM_1@12	21.80	21.920	0.156	1	Pass
5MHz_Low_16QAM_1@24	22.10	22.220	0.167	1	Pass
5MHz_Low_16QAM_12@0	21.12	21.240	0.133	1	Pass
5MHz_Low_16QAM_12@13	21.33	21.450	0.140	1	Pass
5MHz_Low_16QAM_12@7	21.20	21.320	0.136	1	Pass
5MHz_Low_16QAM_25@0	21.21	21.330	0.136	1	Pass
5MHz_Middle_QPSK_1@0	21.07	21.190	0.132	1	Pass
5MHz_Middle_QPSK_1@12	20.89	21.010	0.126	1	Pass
5MHz_Middle_QPSK_1@24	21.27	21.390	0.138	1	Pass
5MHz_Middle_QPSK_12@0	20.55	20.670	0.117	1	Pass
5MHz_Middle_QPSK_12@13	20.72	20.840	0.121	1	Pass
5MHz_Middle_QPSK_12@7	20.59	20.710	0.118	1	Pass
5MHz_Middle_QPSK_25@0	20.65	20.770	0.119	1	Pass
5MHz_Middle_16QAM_1@0	20.83	20.950	0.124	1	Pass
5MHz_Middle_16QAM_1@12	20.71	20.830	0.121	1	Pass
5MHz_Middle_16QAM_1@24	21.12	21.240	0.133	1	Pass
5MHz_Middle_16QAM_12@0	20.36	20.480	0.112	1	Pass
5MHz_Middle_16QAM_12@13	20.51	20.630	0.116	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_Middle_16QAM_12@7	20.31	20.430	0.110	1	Pass
5MHz_Middle_16QAM_25@0	20.29	20.410	0.110	1	Pass
5MHz_High_QPSK_1@0	21.25	21.370	0.137	1	Pass
5MHz_High_QPSK_1@12	20.74	20.860	0.122	1	Pass
5MHz_High_QPSK_1@24	20.95	21.070	0.128	1	Pass
5MHz_High_QPSK_12@0	20.42	20.540	0.113	1	Pass
5MHz_High_QPSK_12@13	20.41	20.530	0.113	1	Pass
5MHz_High_QPSK_12@7	20.36	20.480	0.112	1	Pass
5MHz_High_QPSK_25@0	20.68	20.800	0.120	1	Pass
5MHz_High_16QAM_1@0	21.06	21.180	0.131	1	Pass
5MHz_High_16QAM_1@12	20.65	20.770	0.119	1	Pass
5MHz_High_16QAM_1@24	20.98	21.100	0.129	1	Pass
5MHz_High_16QAM_12@0	20.17	20.290	0.107	1	Pass
5MHz_High_16QAM_12@13	20.12	20.240	0.106	1	Pass
5MHz_High_16QAM_12@7	20.09	20.210	0.105	1	Pass
5MHz_High_16QAM_25@0	20.09	20.210	0.105	1	Pass
10MHz_Low_QPSK_1@0	22	22.120	0.163	1	Pass
10MHz_Low_QPSK_1@25	21.76	21.880	0.154	1	Pass
10MHz_Low_QPSK_1@49	22.96	23.080	0.203	1	Pass
10MHz_Low_QPSK_25@0	21.33	21.450	0.140	1	Pass
10MHz_Low_QPSK_25@12	21.48	21.600	0.145	1	Pass
10MHz_Low_QPSK_25@25	21.76	21.880	0.154	1	Pass
10MHz_Low_QPSK_50@0	21.59	21.710	0.148	1	Pass
10MHz_Low_16QAM_1@0	21.96	22.080	0.161	1	Pass
10MHz_Low_16QAM_1@25	21.71	21.830	0.152	1	Pass
10MHz_Low_16QAM_1@49	22.70	22.820	0.191	1	Pass
10MHz_Low_16QAM_25@0	20.91	21.030	0.127	1	Pass
10MHz_Low_16QAM_25@12	21.04	21.160	0.131	1	Pass
10MHz_Low_16QAM_25@25	21.24	21.360	0.137	1	Pass
10MHz_Low_16QAM_50@0	21.20	21.320	0.136	1	Pass
10MHz_Middle_QPSK_1@0	21.57	21.690	0.148	1	Pass
10MHz_Middle_QPSK_1@25	20.71	20.830	0.121	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_Middle_QPSK_1@49	21.82	21.940	0.156	1	Pass
10MHz_Middle_QPSK_25@0	20.24	20.360	0.109	1	Pass
10MHz_Middle_QPSK_25@12	20.35	20.470	0.111	1	Pass
10MHz_Middle_QPSK_25@25	20.56	20.680	0.117	1	Pass
10MHz_Middle_QPSK_50@0	20.47	20.590	0.115	1	Pass
10MHz_Middle_16QAM_1@0	21.06	21.180	0.131	1	Pass
10MHz_Middle_16QAM_1@25	20.27	20.390	0.109	1	Pass
10MHz_Middle_16QAM_1@49	21.51	21.630	0.146	1	Pass
10MHz_Middle_16QAM_25@0	19.77	19.890	0.097	1	Pass
10MHz_Middle_16QAM_25@12	19.89	20.010	0.100	1	Pass
10MHz_Middle_16QAM_25@25	20.10	20.220	0.105	1	Pass
10MHz_Middle_16QAM_50@0	19.98	20.100	0.102	1	Pass
10MHz_High_QPSK_1@0	22.11	22.230	0.167	1	Pass
10MHz_High_QPSK_1@25	20.60	20.720	0.118	1	Pass
10MHz_High_QPSK_1@49	21.36	21.480	0.141	1	Pass
10MHz_High_QPSK_25@0	20.55	20.670	0.117	1	Pass
10MHz_High_QPSK_25@12	20.33	20.450	0.111	1	Pass
10MHz_High_QPSK_25@25	20.20	20.320	0.108	1	Pass
10MHz_High_QPSK_50@0	20.53	20.650	0.116	1	Pass
10MHz_High_16QAM_1@0	21.45	21.570	0.144	1	Pass
10MHz_High_16QAM_1@25	20.94	21.060	0.128	1	Pass
10MHz_High_16QAM_1@49	21.31	21.430	0.139	1	Pass
10MHz_High_16QAM_25@0	20.41	20.530	0.113	1	Pass
10MHz_High_16QAM_25@12	20.13	20.250	0.106	1	Pass
10MHz_High_16QAM_25@25	19.94	20.060	0.101	1	Pass
10MHz_High_16QAM_50@0	20.12	20.240	0.106	1	Pass
15MHz_Low_QPSK_1@0	22.06	22.180	0.165	1	Pass
15MHz_Low_QPSK_1@37	21.97	22.090	0.162	1	Pass
15MHz_Low_QPSK_1@74	22.29	22.410	0.174	1	Pass
15MHz_Low_QPSK_36@0	21.22	21.340	0.136	1	Pass
15MHz_Low_QPSK_36@20	21.50	21.620	0.145	1	Pass
15MHz_Low_QPSK_36@39	21.42	21.540	0.143	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_Low_QPSK_75@0	21.43	21.550	0.143	1	Pass
15MHz_Low_16QAM_1@0	21.60	21.720	0.149	1	Pass
15MHz_Low_16QAM_1@37	21.34	21.460	0.140	1	Pass
15MHz_Low_16QAM_1@74	22.09	22.210	0.166	1	Pass
15MHz_Low_16QAM_36@0	20.91	21.030	0.127	1	Pass
15MHz_Low_16QAM_36@20	21.05	21.170	0.131	1	Pass
15MHz_Low_16QAM_36@39	20.95	21.070	0.128	1	Pass
15MHz_Low_16QAM_75@0	20.99	21.110	0.129	1	Pass
15MHz_Middle_QPSK_1@0	21.25	21.370	0.137	1	Pass
15MHz_Middle_QPSK_1@37	20.60	20.720	0.118	1	Pass
15MHz_Middle_QPSK_1@74	21.65	21.770	0.150	1	Pass
15MHz_Middle_QPSK_36@0	20.01	20.130	0.103	1	Pass
15MHz_Middle_QPSK_36@20	20.16	20.280	0.107	1	Pass
15MHz_Middle_QPSK_36@39	20.47	20.590	0.115	1	Pass
15MHz_Middle_QPSK_75@0	20.33	20.450	0.111	1	Pass
15MHz_Middle_16QAM_1@0	20.77	20.890	0.123	1	Pass
15MHz_Middle_16QAM_1@37	20.16	20.280	0.107	1	Pass
15MHz_Middle_16QAM_1@74	21.21	21.330	0.136	1	Pass
15MHz_Middle_16QAM_36@0	19.55	19.670	0.093	1	Pass
15MHz_Middle_16QAM_36@20	19.74	19.860	0.097	1	Pass
15MHz_Middle_16QAM_36@39	20.06	20.180	0.104	1	Pass
15MHz_Middle_16QAM_75@0	19.84	19.960	0.099	1	Pass
15MHz_High_QPSK_1@0	22.27	22.390	0.173	1	Pass
15MHz_High_QPSK_1@37	20.79	20.910	0.123	1	Pass
15MHz_High_QPSK_1@74	20.83	20.950	0.124	1	Pass
15MHz_High_QPSK_36@0	20.90	21.020	0.126	1	Pass
15MHz_High_QPSK_36@20	20.45	20.570	0.114	1	Pass
15MHz_High_QPSK_36@39	20.14	20.260	0.106	1	Pass
15MHz_High_QPSK_75@0	20.69	20.810	0.121	1	Pass
15MHz_High_16QAM_1@0	21.88	22.000	0.158	1	Pass
15MHz_High_16QAM_1@37	20.70	20.820	0.121	1	Pass
15MHz_High_16QAM_1@74	20.53	20.650	0.116	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_High_16QAM_36@0	20.57	20.690	0.117	1	Pass
15MHz_High_16QAM_36@20	20.12	20.240	0.106	1	Pass
15MHz_High_16QAM_36@39	19.81	19.930	0.098	1	Pass
15MHz_High_16QAM_75@0	20.29	20.410	0.110	1	Pass
20MHz_Low_QPSK_1@0	21.30	21.420	0.139	1	Pass
20MHz_Low_QPSK_1@49	21.71	21.830	0.152	1	Pass
20MHz_Low_QPSK_1@99	21.35	21.470	0.140	1	Pass
20MHz_Low_QPSK_100@0	21.14	21.260	0.134	1	Pass
20MHz_Low_QPSK_50@0	20.98	21.100	0.129	1	Pass
20MHz_Low_QPSK_50@24	21.27	21.390	0.138	1	Pass
20MHz_Low_QPSK_50@50	21.06	21.180	0.131	1	Pass
20MHz_Low_16QAM_1@0	20.99	21.110	0.129	1	Pass
20MHz_Low_16QAM_1@49	21.47	21.590	0.144	1	Pass
20MHz_Low_16QAM_1@99	21.39	21.510	0.142	1	Pass
20MHz_Low_16QAM_100@0	20.73	20.850	0.122	1	Pass
20MHz_Low_16QAM_50@0	20.64	20.760	0.119	1	Pass
20MHz_Low_16QAM_50@24	20.77	20.890	0.123	1	Pass
20MHz_Low_16QAM_50@50	20.56	20.680	0.117	1	Pass
20MHz_Middle_QPSK_1@0	20.65	20.770	0.119	1	Pass
20MHz_Middle_QPSK_1@49	20.28	20.400	0.110	1	Pass
20MHz_Middle_QPSK_1@99	21.33	21.450	0.140	1	Pass
20MHz_Middle_QPSK_100@0	20.08	20.200	0.105	1	Pass
20MHz_Middle_QPSK_50@0	19.92	20.040	0.101	1	Pass
20MHz_Middle_QPSK_50@24	19.99	20.110	0.103	1	Pass
20MHz_Middle_QPSK_50@50	20.29	20.410	0.110	1	Pass
20MHz_Middle_16QAM_1@0	20.64	20.760	0.119	1	Pass
20MHz_Middle_16QAM_1@49	20.27	20.390	0.109	1	Pass
20MHz_Middle_16QAM_1@99	21.29	21.410	0.138	1	Pass
20MHz_Middle_16QAM_100@0	19.72	19.840	0.096	1	Pass
20MHz_Middle_16QAM_50@0	19.56	19.680	0.093	1	Pass
20MHz_Middle_16QAM_50@24	19.46	19.580	0.091	1	Pass
20MHz_Middle_16QAM_50@50	19.88	20.000	0.100	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_High_QPSK_1@0	21.54	21.660	0.147	1	Pass
20MHz_High_QPSK_1@49	21.05	21.170	0.131	1	Pass
20MHz_High_QPSK_1@99	20.47	20.590	0.115	1	Pass
20MHz_High_QPSK_100@0	20.78	20.900	0.123	1	Pass
20MHz_High_QPSK_50@0	20.71	20.830	0.121	1	Pass
20MHz_High_QPSK_50@24	20.64	20.760	0.119	1	Pass
20MHz_High_QPSK_50@50	20.05	20.170	0.104	1	Pass
20MHz_High_16QAM_1@0	21.43	21.550	0.143	1	Pass
20MHz_High_16QAM_1@49	21.04	21.160	0.131	1	Pass
20MHz_High_16QAM_1@99	20.38	20.500	0.112	1	Pass
20MHz_High_16QAM_100@0	20.33	20.450	0.111	1	Pass
20MHz_High_16QAM_50@0	20.26	20.380	0.109	1	Pass
20MHz_High_16QAM_50@24	20.29	20.410	0.110	1	Pass
20MHz_High_16QAM_50@50	19.69	19.810	0.096	1	Pass

Note:

EIRP = Conducted Power(dBm) - L_C(dB) + G_T(dBd)

1.Ant Gain = 0.12dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

Peak-to-average Ratio(PAR)

FCC Part 22H

B5 , Normal

Mode	Value (dB)	Limit (dB)
1.4MHz_Low_QPSK_1@0	4.35	13
1.4MHz_Low_QPSK_6@0	4.61	13
1.4MHz_Low_16QAM_1@0	4.70	13
1.4MHz_Low_16QAM_6@0	5.10	13
1.4MHz_Middle_QPSK_1@0	5.48	13
1.4MHz_Middle_QPSK_6@0	5.57	13
1.4MHz_Middle_16QAM_1@0	5.59	13
1.4MHz_Middle_16QAM_6@0	5.94	13
1.4MHz_High_QPSK_1@0	4.70	13
1.4MHz_High_QPSK_6@0	4.99	13
1.4MHz_High_16QAM_1@0	6.38	13
1.4MHz_High_16QAM_6@0	5.39	13
3MHz_Low_QPSK_1@0	4.43	13
3MHz_Low_QPSK_15@0	4.72	13
3MHz_Low_16QAM_1@0	4.61	13
3MHz_Low_16QAM_15@0	5.28	13
3MHz_Middle_QPSK_1@0	5.33	13
3MHz_Middle_QPSK_15@0	5.65	13
3MHz_Middle_16QAM_1@0	5.77	13
3MHz_Middle_16QAM_15@0	6.23	13
3MHz_High_QPSK_1@0	4.81	13
3MHz_High_QPSK_15@0	5.10	13
3MHz_High_16QAM_1@0	4.96	13
3MHz_High_16QAM_15@0	5.59	13
5MHz_Low_QPSK_1@0	4.46	13
5MHz_Low_QPSK_25@0	4.81	13
5MHz_Low_16QAM_1@0	4.72	13
5MHz_Low_16QAM_25@0	5.33	13
5MHz_Middle_QPSK_1@0	5.71	13
5MHz_Middle_QPSK_25@0	5.54	13

Mode	Value (dB)	Limit (dB)
5MHz_Middle_16QAM_1@0	5.80	13
5MHz_Middle_16QAM_25@0	6.12	13
5MHz_High_QPSK_1@0	4.81	13
5MHz_High_QPSK_25@0	5.04	13
5MHz_High_16QAM_1@0	5.07	13
5MHz_High_16QAM_25@0	5.62	13
10MHz_Low_QPSK_1@0	4.43	13
10MHz_Low_QPSK_50@0	5.07	13
10MHz_Low_16QAM_1@0	4.67	13
10MHz_Low_16QAM_50@0	5.80	13
10MHz_Middle_QPSK_1@0	5.68	13
10MHz_Middle_QPSK_50@0	5.33	13
10MHz_Middle_16QAM_1@0	5.62	13
10MHz_Middle_16QAM_50@0	6.09	13
10MHz_High_QPSK_1@0	4.99	13
10MHz_High_QPSK_50@0	4.96	13
10MHz_High_16QAM_1@0	5.30	13
10MHz_High_16QAM_50@0	5.62	13

FCC Part 24E

B2 , Normal

Mode	Value (dB)	Limit (dB)
1.4MHz_Low_QPSK_1@0	5.45	13
1.4MHz_Low_QPSK_6@0	5.48	13
1.4MHz_Low_16QAM_1@0	5.71	13
1.4MHz_Low_16QAM_6@0	6.17	13
1.4MHz_Middle_QPSK_1@0	5.45	13
1.4MHz_Middle_QPSK_6@0	5.62	13
1.4MHz_Middle_16QAM_1@0	5.77	13
1.4MHz_Middle_16QAM_6@0	6.14	13
1.4MHz_High_QPSK_1@0	5.39	13
1.4MHz_High_QPSK_6@0	5.54	13
1.4MHz_High_16QAM_1@0	6.12	13
1.4MHz_High_16QAM_6@0	6.14	13
3MHz_Low_QPSK_1@0	5.54	13
3MHz_Low_QPSK_15@0	5.54	13
3MHz_Low_16QAM_1@0	5.86	13
3MHz_Low_16QAM_15@0	6.17	13
3MHz_Middle_QPSK_1@0	5.65	13
3MHz_Middle_QPSK_15@0	5.62	13
3MHz_Middle_16QAM_1@0	5.80	13
3MHz_Middle_16QAM_15@0	6.12	13
3MHz_High_QPSK_1@0	5.42	13
3MHz_High_QPSK_15@0	5.54	13
3MHz_High_16QAM_1@0	5.71	13
3MHz_High_16QAM_15@0	6.06	13
5MHz_Low_QPSK_1@0	5.54	13
5MHz_Low_QPSK_25@0	5.39	13
5MHz_Low_16QAM_1@0	5.71	13
5MHz_Low_16QAM_25@0	5.94	13
5MHz_Middle_QPSK_1@0	5.62	13
5MHz_Middle_QPSK_25@0	5.57	13
5MHz_Middle_16QAM_1@0	5.88	13

Mode	Value (dB)	Limit (dB)
5MHz_Middle_16QAM_25@0	6.06	13
5MHz_High_QPSK_1@0	5.19	13
5MHz_High_QPSK_25@0	5.48	13
5MHz_High_16QAM_1@0	5.36	13
5MHz_High_16QAM_25@0	6	13
10MHz_Low_QPSK_1@0	5.54	13
10MHz_Low_QPSK_50@0	5.10	13
10MHz_Low_16QAM_1@0	5.77	13
10MHz_Low_16QAM_50@0	5.80	13
10MHz_Middle_QPSK_1@0	5.59	13
10MHz_Middle_QPSK_50@0	5.36	13
10MHz_Middle_16QAM_1@0	5.74	13
10MHz_Middle_16QAM_50@0	6.03	13
10MHz_High_QPSK_1@0	4.81	13
10MHz_High_QPSK_50@0	5.01	13
10MHz_High_16QAM_1@0	5.04	13
10MHz_High_16QAM_50@0	5.71	13
15MHz_Low_QPSK_1@0	5.62	13
15MHz_Low_QPSK_75@0	4.90	13
15MHz_Low_16QAM_1@0	5.86	13
15MHz_Low_16QAM_75@0	5.77	13
15MHz_Middle_QPSK_1@0	5.48	13
15MHz_Middle_QPSK_75@0	5.16	13
15MHz_Middle_16QAM_1@0	5.74	13
15MHz_Middle_16QAM_75@0	5.94	13
15MHz_High_QPSK_1@0	5.16	13
15MHz_High_QPSK_75@0	4.81	13
15MHz_High_16QAM_1@0	5.36	13
15MHz_High_16QAM_75@0	5.68	13
20MHz_Low_QPSK_1@0	5.68	13
20MHz_Low_QPSK_100@0	4.06	13
20MHz_Low_16QAM_1@0	6.38	13
20MHz_Low_16QAM_100@0	5.71	13

Mode	Value (dB)	Limit (dB)
20MHz_Middle_QPSK_1@0	5.45	13
20MHz_Middle_QPSK_100@0	4.29	13
20MHz_Middle_16QAM_1@0	6.06	13
20MHz_Middle_16QAM_100@0	5.80	13
20MHz_High_QPSK_1@0	5.45	13
20MHz_High_QPSK_100@0	4	13
20MHz_High_16QAM_1@0	5.97	13
20MHz_High_16QAM_100@0	5.68	13

FCC Part 27

B12 , Normal

Mode	Value (dB)	Limit (dB)
1.4MHz_Low_QPSK_1@0	5.91	13
1.4MHz_Low_QPSK_6@0	5.86	13
1.4MHz_Low_16QAM_1@0	6.38	13
1.4MHz_Low_16QAM_6@0	6.46	13
1.4MHz_Middle_QPSK_1@0	5.71	13
1.4MHz_Middle_QPSK_6@0	5.77	13
1.4MHz_Middle_16QAM_1@0	6.14	13
1.4MHz_Middle_16QAM_6@0	6.38	13
1.4MHz_High_QPSK_1@0	5.25	13
1.4MHz_High_QPSK_6@0	5.33	13
1.4MHz_High_16QAM_1@0	5.57	13
1.4MHz_High_16QAM_6@0	6	13
3MHz_Low_QPSK_1@0	5.57	13
3MHz_Low_QPSK_15@0	5.88	13
3MHz_Low_16QAM_1@0	5.94	13
3MHz_Low_16QAM_15@0	6.46	13
3MHz_Middle_QPSK_1@0	5.86	13
3MHz_Middle_QPSK_15@0	5.71	13
3MHz_Middle_16QAM_1@0	6.20	13
3MHz_Middle_16QAM_15@0	6.29	13
3MHz_High_QPSK_1@0	5.19	13
3MHz_High_QPSK_15@0	5.30	13
3MHz_High_16QAM_1@0	5.65	13
3MHz_High_16QAM_15@0	6.06	13
5MHz_Low_QPSK_1@0	6.12	13
5MHz_Low_QPSK_25@0	5.88	13
5MHz_Low_16QAM_1@0	5.97	13
5MHz_Low_16QAM_25@0	6.49	13
5MHz_Middle_QPSK_1@0	5.88	13
5MHz_Middle_QPSK_25@0	5.65	13
5MHz_Middle_16QAM_1@0	6.09	13

Mode	Value (dB)	Limit (dB)
5MHz_Middle_16QAM_25@0	6.17	13
5MHz_High_QPSK_1@0	5.42	13
5MHz_High_QPSK_25@0	5.39	13
5MHz_High_16QAM_1@0	5.74	13
5MHz_High_16QAM_25@0	6	13
10MHz_Low_QPSK_1@0	5.80	13
10MHz_Low_QPSK_50@0	5.51	13
10MHz_Low_16QAM_1@0	5.94	13
10MHz_Low_16QAM_50@0	6.32	13
10MHz_Middle_QPSK_1@0	6.03	13
10MHz_Middle_QPSK_50@0	5.36	13
10MHz_Middle_16QAM_1@0	6.14	13
10MHz_Middle_16QAM_50@0	6.09	13
10MHz_High_QPSK_1@0	5.62	13
10MHz_High_QPSK_50@0	5.22	13
10MHz_High_16QAM_1@0	5.74	13
10MHz_High_16QAM_50@0	5.91	13

B66 , Normal

Mode	Value (dB)	Limit (dB)
1.4MHz_Low_QPSK_1@0	4.93	13
1.4MHz_Low_QPSK_6@0	5.19	13
1.4MHz_Low_16QAM_1@0	5.33	13
1.4MHz_Low_16QAM_6@0	5.65	13
1.4MHz_Middle_QPSK_1@0	5.59	13
1.4MHz_Middle_QPSK_6@0	5.86	13
1.4MHz_Middle_16QAM_1@0	5.97	13
1.4MHz_Middle_16QAM_6@0	6.26	13
1.4MHz_High_QPSK_1@0	5.91	13
1.4MHz_High_QPSK_6@0	5.77	13
1.4MHz_High_16QAM_1@0	6.06	13
1.4MHz_High_16QAM_6@0	6.52	13
3MHz_Low_QPSK_1@0	4.87	13

Mode	Value (dB)	Limit (dB)
3MHz_Low_QPSK_15@0	4.99	13
3MHz_Low_16QAM_1@0	5.16	13
3MHz_Low_16QAM_15@0	5.62	13
3MHz_Middle_QPSK_1@0	5.74	13
3MHz_Middle_QPSK_15@0	5.83	13
3MHz_Middle_16QAM_1@0	5.97	13
3MHz_Middle_16QAM_15@0	6.32	13
3MHz_High_QPSK_1@0	5.74	13
3MHz_High_QPSK_15@0	5.80	13
3MHz_High_16QAM_1@0	6.06	13
3MHz_High_16QAM_15@0	6.38	13
5MHz_Low_QPSK_1@0	5.07	13
5MHz_Low_QPSK_25@0	5.01	13
5MHz_Low_16QAM_1@0	5.22	13
5MHz_Low_16QAM_25@0	5.51	13
5MHz_Middle_QPSK_1@0	5.74	13
5MHz_Middle_QPSK_25@0	5.59	13
5MHz_Middle_16QAM_1@0	5.88	13
5MHz_Middle_16QAM_25@0	6.20	13
5MHz_High_QPSK_1@0	5.80	13
5MHz_High_QPSK_25@0	5.74	13
5MHz_High_16QAM_1@0	6.03	13
5MHz_High_16QAM_25@0	6.23	13
10MHz_Low_QPSK_1@0	5.01	13
10MHz_Low_QPSK_50@0	4.84	13
10MHz_Low_16QAM_1@0	5.13	13
10MHz_Low_16QAM_50@0	5.48	13
10MHz_Middle_QPSK_1@0	5.65	13
10MHz_Middle_QPSK_50@0	5.42	13
10MHz_Middle_16QAM_1@0	5.91	13
10MHz_Middle_16QAM_50@0	6.06	13
10MHz_High_QPSK_1@0	5.01	13
10MHz_High_QPSK_50@0	5.36	13

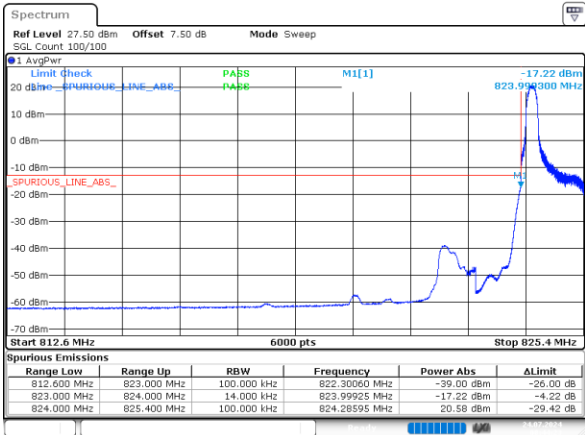
Mode	Value (dB)	Limit (dB)
10MHz_High_16QAM_1@0	5.42	13
10MHz_High_16QAM_50@0	6.09	13
15MHz_Low_QPSK_1@0	5.01	13
15MHz_Low_QPSK_75@0	4.72	13
15MHz_Low_16QAM_1@0	5.33	13
15MHz_Low_16QAM_75@0	5.51	13
15MHz_Middle_QPSK_1@0	5.77	13
15MHz_Middle_QPSK_75@0	5.22	13
15MHz_Middle_16QAM_1@0	6	13
15MHz_Middle_16QAM_75@0	5.97	13
15MHz_High_QPSK_1@0	4.70	13
15MHz_High_QPSK_75@0	5.16	13
15MHz_High_16QAM_1@0	4.93	13
15MHz_High_16QAM_75@0	5.88	13
20MHz_Low_QPSK_1@0	5.13	13
20MHz_Low_QPSK_100@0	3.97	13
20MHz_Low_16QAM_1@0	5.86	13
20MHz_Low_16QAM_100@0	5.57	13
20MHz_Middle_QPSK_1@0	5.80	13
20MHz_Middle_QPSK_100@0	4.35	13
20MHz_Middle_16QAM_1@0	6.26	13
20MHz_Middle_16QAM_100@0	5.83	13
20MHz_High_QPSK_1@0	5.01	13
20MHz_High_QPSK_100@0	4.20	13
20MHz_High_16QAM_1@0	5.42	13
20MHz_High_16QAM_100@0	5.71	13

Out of band emission,Band Edge

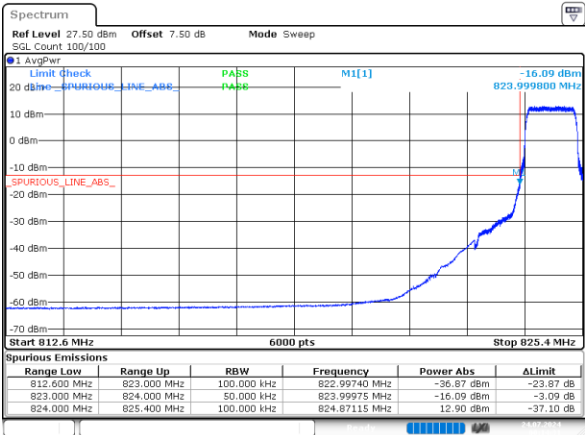
FCC Part 22H

B5 , Normal

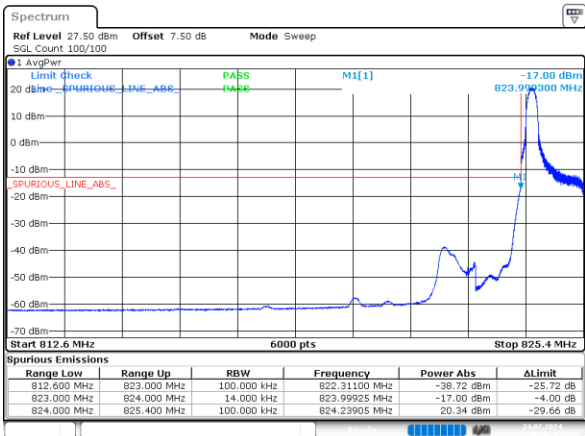
1.4MHz_Low_QPSK_1@0



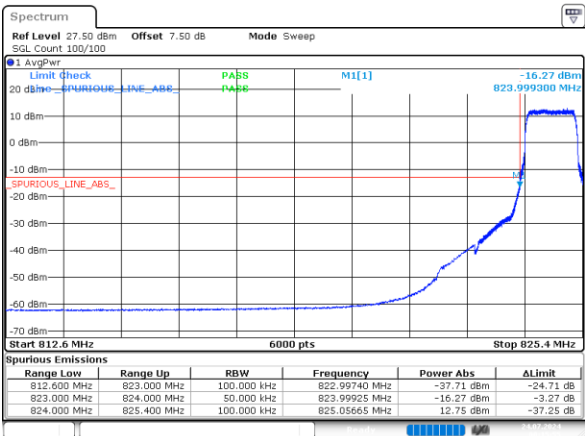
1.4MHz_Low_QPSK_6@0



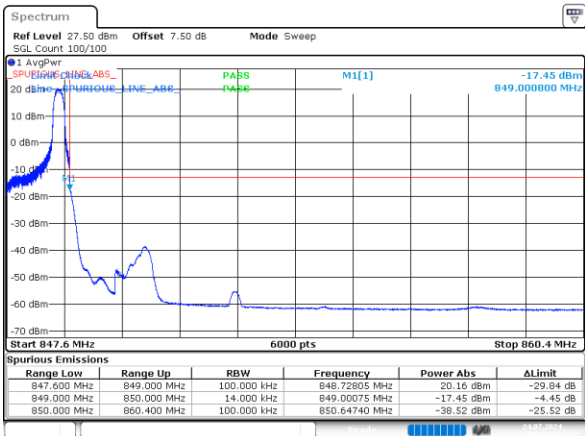
1.4MHz_Low_16QAM_1@0



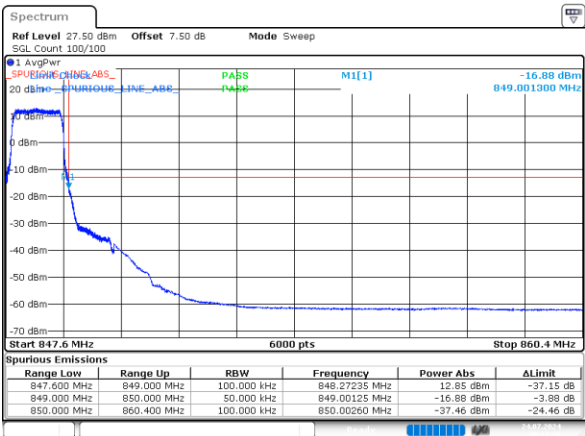
1.4MHz_Low_16QAM_6@0



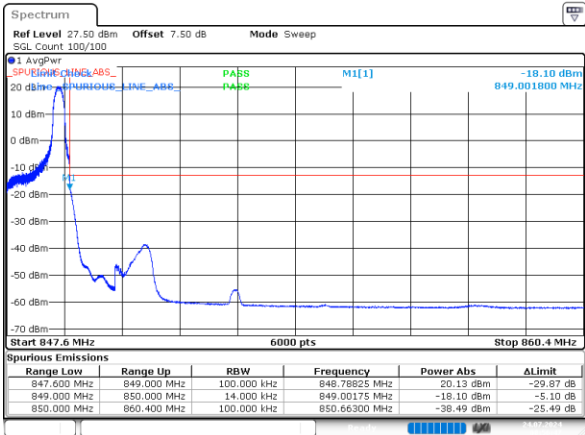
1.4MHz_High_QPSK_1@5



1.4MHz_High_QPSK_6@0

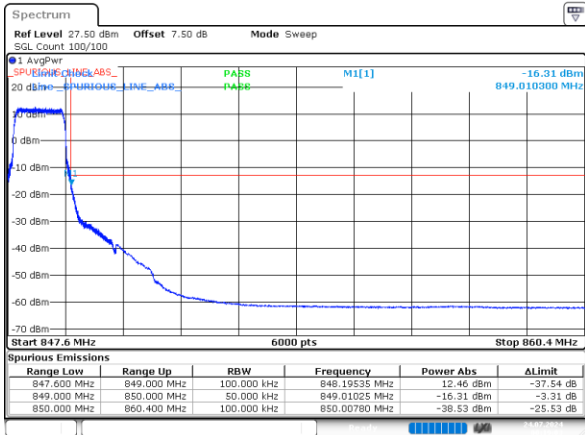


1.4MHz_High_16QAM_1@5



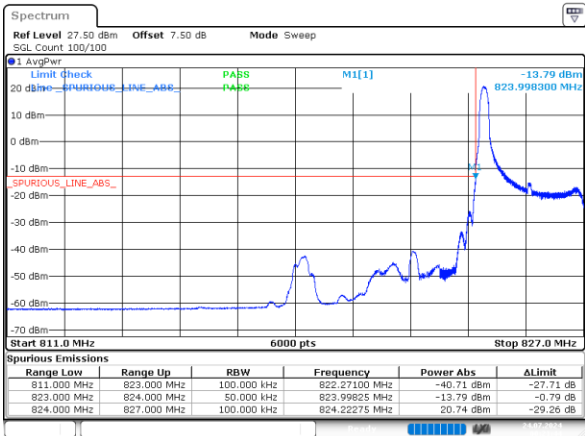
ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 24.JUL.2024 08:56:47

1.4MHz_High_16QAM_6@0



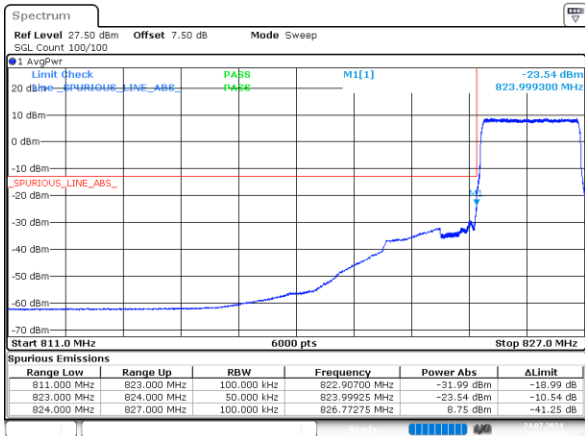
ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 24.JUL.2024 00:19:03

3MHz_Low_QPSK_1@0



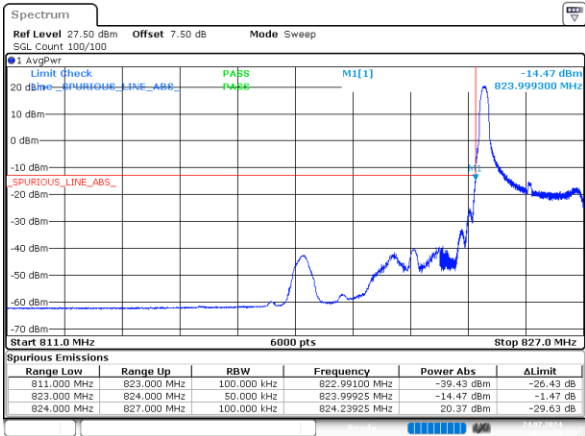
ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 24.JUL.2024 00:21:44

3MHz_Low_QPSK_15@0



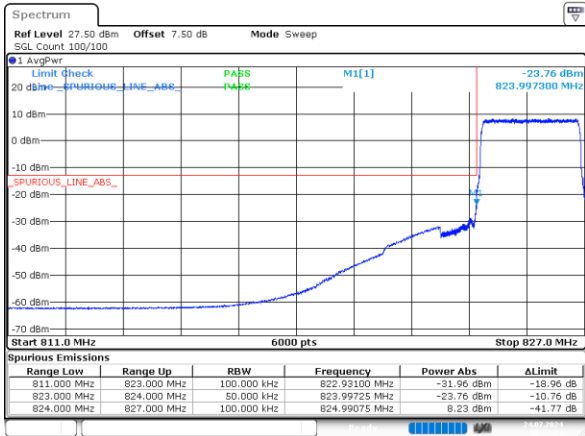
ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 24.JUL.2024 00:20:54

3MHz_Low_16QAM_1@0



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 24.JUL.2024 00:23:24

3MHz_Low_16QAM_15@0



ProjectNo.:2402V84480E-RF Tester:Loge Long
Date: 24.JUL.2024 00:22:34