

FCC Part 24E & IC RSS 133

B2, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	23.56	23.92	0.247	2	Pass
1.4MHz_Low_QPSK_1@3	23.57	23.93	0.247	2	Pass
1.4MHz_Low_QPSK_1@5	23.58	23.94	0.248	2	Pass
1.4MHz_Low_QPSK_3@0	23.55	23.91	0.246	2	Pass
1.4MHz_Low_QPSK_3@1	23.66	24.02	0.252	2	Pass
1.4MHz_Low_QPSK_3@3	23.55	23.91	0.246	2	Pass
1.4MHz_Low_QPSK_6@0	22.49	22.85	0.193	2	Pass
1.4MHz_Low_16QAM_1@0	22.54	22.90	0.195	2	Pass
1.4MHz_Low_16QAM_1@3	22.55	22.91	0.195	2	Pass
1.4MHz_Low_16QAM_1@5	22.60	22.96	0.198	2	Pass
1.4MHz_Low_16QAM_3@0	22.55	22.91	0.195	2	Pass
1.4MHz_Low_16QAM_3@1	22.57	22.93	0.196	2	Pass
1.4MHz_Low_16QAM_3@3	22.60	22.96	0.198	2	Pass
1.4MHz_Low_16QAM_6@0	21.74	22.10	0.162	2	Pass
1.4MHz_Middle_QPSK_1@0	23.60	23.96	0.249	2	Pass
1.4MHz_Middle_QPSK_1@3	23.43	23.79	0.239	2	Pass
1.4MHz_Middle_QPSK_1@5	23.48	23.84	0.242	2	Pass
1.4MHz_Middle_QPSK_3@0	23.50	23.86	0.243	2	Pass
1.4MHz_Middle_QPSK_3@1	23.50	23.86	0.243	2	Pass
1.4MHz_Middle_QPSK_3@3	23.39	23.75	0.237	2	Pass
1.4MHz_Middle_QPSK_6@0	22.44	22.80	0.191	2	Pass
1.4MHz_Middle_16QAM_1@0	22.45	22.81	0.191	2	Pass
1.4MHz_Middle_16QAM_1@3	22.42	22.78	0.190	2	Pass
1.4MHz_Middle_16QAM_1@5	22.41	22.77	0.189	2	Pass
1.4MHz_Middle_16QAM_3@0	22.47	22.83	0.192	2	Pass
1.4MHz_Middle_16QAM_3@1	22.49	22.85	0.193	2	Pass
1.4MHz_Middle_16QAM_3@3	22.50	22.86	0.193	2	Pass
1.4MHz_Middle_16QAM_6@0	21.41	21.77	0.150	2	Pass
1.4MHz_High_QPSK_1@0	23.57	23.93	0.247	2	Pass
1.4MHz_High_QPSK_1@3	23.54	23.90	0.245	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	23.57	23.93	0.247	2	Pass
1.4MHz_High_QPSK_3@0	23.44	23.80	0.240	2	Pass
1.4MHz_High_QPSK_3@1	23.43	23.79	0.239	2	Pass
1.4MHz_High_QPSK_3@3	23.40	23.76	0.238	2	Pass
1.4MHz_High_QPSK_6@0	22.39	22.75	0.188	2	Pass
1.4MHz_High_16QAM_1@0	22.53	22.89	0.195	2	Pass
1.4MHz_High_16QAM_1@3	22.46	22.82	0.191	2	Pass
1.4MHz_High_16QAM_1@5	22.51	22.87	0.194	2	Pass
1.4MHz_High_16QAM_3@0	22.80	23.16	0.207	2	Pass
1.4MHz_High_16QAM_3@1	22.72	23.08	0.203	2	Pass
1.4MHz_High_16QAM_3@3	22.78	23.14	0.206	2	Pass
1.4MHz_High_16QAM_6@0	21.68	22.04	0.160	2	Pass
3MHz_Low_QPSK_1@0	23.89	24.25	0.266	2	Pass
3MHz_Low_QPSK_1@14	23.75	24.11	0.258	2	Pass
3MHz_Low_QPSK_1@8	23.89	24.25	0.266	2	Pass
3MHz_Low_QPSK_15@0	22.72	23.08	0.203	2	Pass
3MHz_Low_QPSK_8@0	22.75	23.11	0.205	2	Pass
3MHz_Low_QPSK_8@4	22.76	23.12	0.205	2	Pass
3MHz_Low_QPSK_8@7	22.51	22.87	0.194	2	Pass
3MHz_Low_16QAM_1@0	22.98	23.34	0.216	2	Pass
3MHz_Low_16QAM_1@14	22.77	23.13	0.206	2	Pass
3MHz_Low_16QAM_1@8	22.96	23.32	0.215	2	Pass
3MHz_Low_16QAM_15@0	21.74	22.10	0.162	2	Pass
3MHz_Low_16QAM_8@0	21.88	22.24	0.167	2	Pass
3MHz_Low_16QAM_8@4	21.89	22.25	0.168	2	Pass
3MHz_Low_16QAM_8@7	21.74	22.10	0.162	2	Pass
3MHz_Middle_QPSK_1@0	23.53	23.89	0.245	2	Pass
3MHz_Middle_QPSK_1@14	23.59	23.95	0.248	2	Pass
3MHz_Middle_QPSK_1@8	23.54	23.90	0.245	2	Pass
3MHz_Middle_QPSK_15@0	22.40	22.76	0.189	2	Pass
3MHz_Middle_QPSK_8@0	22.52	22.88	0.194	2	Pass
3MHz_Middle_QPSK_8@4	22.49	22.85	0.193	2	Pass
3MHz_Middle_QPSK_8@7	22.44	22.80	0.191	2	Pass
3MHz_Middle_16QAM_1@0	22.19	22.55	0.180	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@14	22.17	22.53	0.179	2	Pass
3MHz_Middle_16QAM_1@8	22.20	22.56	0.180	2	Pass
3MHz_Middle_16QAM_15@0	21.51	21.87	0.154	2	Pass
3MHz_Middle_16QAM_8@0	21.50	21.86	0.153	2	Pass
3MHz_Middle_16QAM_8@4	21.51	21.87	0.154	2	Pass
3MHz_Middle_16QAM_8@7	21.45	21.81	0.152	2	Pass
3MHz_High_QPSK_1@0	23.61	23.97	0.249	2	Pass
3MHz_High_QPSK_1@14	23.61	23.97	0.249	2	Pass
3MHz_High_QPSK_1@8	23.63	23.99	0.251	2	Pass
3MHz_High_QPSK_15@0	22.38	22.74	0.188	2	Pass
3MHz_High_QPSK_8@0	22.38	22.74	0.188	2	Pass
3MHz_High_QPSK_8@4	22.32	22.68	0.185	2	Pass
3MHz_High_QPSK_8@7	22.39	22.75	0.188	2	Pass
3MHz_High_16QAM_1@0	23.15	23.51	0.224	2	Pass
3MHz_High_16QAM_1@14	23.11	23.47	0.222	2	Pass
3MHz_High_16QAM_1@8	23.07	23.43	0.220	2	Pass
3MHz_High_16QAM_15@0	21.55	21.91	0.155	2	Pass
3MHz_High_16QAM_8@0	21.44	21.80	0.151	2	Pass
3MHz_High_16QAM_8@4	21.38	21.74	0.149	2	Pass
3MHz_High_16QAM_8@7	21.33	21.69	0.148	2	Pass
5MHz_Low_QPSK_1@0	23.91	24.27	0.267	2	Pass
5MHz_Low_QPSK_1@12	23.69	24.05	0.254	2	Pass
5MHz_Low_QPSK_1@24	23.62	23.98	0.250	2	Pass
5MHz_Low_QPSK_12@0	22.75	23.11	0.205	2	Pass
5MHz_Low_QPSK_12@13	22.49	22.85	0.193	2	Pass
5MHz_Low_QPSK_12@7	22.47	22.83	0.192	2	Pass
5MHz_Low_QPSK_25@0	22.57	22.93	0.196	2	Pass
5MHz_Low_16QAM_1@0	23.20	23.56	0.227	2	Pass
5MHz_Low_16QAM_1@12	22.97	23.33	0.215	2	Pass
5MHz_Low_16QAM_1@24	22.93	23.29	0.213	2	Pass
5MHz_Low_16QAM_12@0	21.74	22.10	0.162	2	Pass
5MHz_Low_16QAM_12@13	21.66	22.02	0.159	2	Pass
5MHz_Low_16QAM_12@7	21.61	21.97	0.157	2	Pass
5MHz_Low_16QAM_25@0	21.75	22.11	0.163	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	23.32	23.68	0.233	2	Pass
5MHz_Middle_QPSK_1@12	23.25	23.61	0.230	2	Pass
5MHz_Middle_QPSK_1@24	23.20	23.56	0.227	2	Pass
5MHz_Middle_QPSK_12@0	22.57	22.93	0.196	2	Pass
5MHz_Middle_QPSK_12@13	22.47	22.83	0.192	2	Pass
5MHz_Middle_QPSK_12@7	22.40	22.76	0.189	2	Pass
5MHz_Middle_QPSK_25@0	22.38	22.74	0.188	2	Pass
5MHz_Middle_16QAM_1@0	22.32	22.68	0.185	2	Pass
5MHz_Middle_16QAM_1@12	22.25	22.61	0.182	2	Pass
5MHz_Middle_16QAM_1@24	22.23	22.59	0.182	2	Pass
5MHz_Middle_16QAM_12@0	21.62	21.98	0.158	2	Pass
5MHz_Middle_16QAM_12@13	21.54	21.90	0.155	2	Pass
5MHz_Middle_16QAM_12@7	21.60	21.96	0.157	2	Pass
5MHz_Middle_16QAM_25@0	21.55	21.91	0.155	2	Pass
5MHz_High_QPSK_1@0	23.27	23.63	0.231	2	Pass
5MHz_High_QPSK_1@12	23.27	23.63	0.231	2	Pass
5MHz_High_QPSK_1@24	23.34	23.70	0.234	2	Pass
5MHz_High_QPSK_12@0	22.42	22.78	0.190	2	Pass
5MHz_High_QPSK_12@13	22.35	22.71	0.187	2	Pass
5MHz_High_QPSK_12@7	22.42	22.78	0.190	2	Pass
5MHz_High_QPSK_25@0	22.38	22.74	0.188	2	Pass
5MHz_High_16QAM_1@0	22.05	22.41	0.174	2	Pass
5MHz_High_16QAM_1@12	21.98	22.34	0.171	2	Pass
5MHz_High_16QAM_1@24	21.99	22.35	0.172	2	Pass
5MHz_High_16QAM_12@0	21.46	21.82	0.152	2	Pass
5MHz_High_16QAM_12@13	21.45	21.81	0.152	2	Pass
5MHz_High_16QAM_12@7	21.42	21.78	0.151	2	Pass
5MHz_High_16QAM_25@0	21.68	22.04	0.160	2	Pass
10MHz_Low_QPSK_1@0	23.85	24.21	0.264	2	Pass
10MHz_Low_QPSK_1@25	23.67	24.03	0.253	2	Pass
10MHz_Low_QPSK_1@49	23.63	23.99	0.251	2	Pass
10MHz_Low_QPSK_25@0	22.60	22.96	0.198	2	Pass
10MHz_Low_QPSK_25@12	22.51	22.87	0.194	2	Pass
10MHz_Low_QPSK_25@25	22.54	22.90	0.195	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.44	22.80	0.191	2	Pass
10MHz_Low_16QAM_1@0	23.70	24.06	0.255	2	Pass
10MHz_Low_16QAM_1@25	23.41	23.77	0.238	2	Pass
10MHz_Low_16QAM_1@49	23.43	23.79	0.239	2	Pass
10MHz_Low_16QAM_25@12	21.69	22.05	0.160	2	Pass
10MHz_Low_16QAM_25@25	21.64	22.00	0.158	2	Pass
10MHz_Low_16QAM_50@0	21.63	21.99	0.158	2	Pass
10MHz_Middle_QPSK_1@0	23.57	23.93	0.247	2	Pass
10MHz_Middle_QPSK_1@25	23.54	23.90	0.245	2	Pass
10MHz_Middle_QPSK_1@49	23.45	23.81	0.240	2	Pass
10MHz_Middle_QPSK_25@0	22.54	22.90	0.195	2	Pass
10MHz_Middle_QPSK_25@12	22.56	22.92	0.196	2	Pass
10MHz_Middle_QPSK_25@25	22.46	22.82	0.191	2	Pass
10MHz_Middle_QPSK_50@0	22.46	22.82	0.191	2	Pass
10MHz_Middle_16QAM_1@0	22.45	22.81	0.191	2	Pass
10MHz_Middle_16QAM_1@25	22.41	22.77	0.189	2	Pass
10MHz_Middle_16QAM_1@49	22.35	22.71	0.187	2	Pass
10MHz_Middle_16QAM_25@12	21.64	22.00	0.158	2	Pass
10MHz_Middle_16QAM_25@25	21.62	21.98	0.158	2	Pass
10MHz_Middle_16QAM_50@0	21.64	22.00	0.158	2	Pass
10MHz_High_QPSK_1@0	23.65	24.01	0.252	2	Pass
10MHz_High_QPSK_1@25	23.67	24.03	0.253	2	Pass
10MHz_High_QPSK_1@49	23.69	24.05	0.254	2	Pass
10MHz_High_QPSK_25@0	22.42	22.78	0.190	2	Pass
10MHz_High_QPSK_25@12	22.40	22.76	0.189	2	Pass
10MHz_High_QPSK_25@25	22.43	22.79	0.190	2	Pass
10MHz_High_QPSK_50@0	22.51	22.87	0.194	2	Pass
10MHz_High_16QAM_1@0	23.13	23.49	0.223	2	Pass
10MHz_High_16QAM_1@25	23.14	23.50	0.224	2	Pass
10MHz_High_16QAM_1@49	23.12	23.48	0.223	2	Pass
10MHz_High_16QAM_25@12	21.62	21.98	0.158	2	Pass
10MHz_High_16QAM_25@25	21.66	22.02	0.159	2	Pass
10MHz_High_16QAM_50@0	21.57	21.93	0.156	2	Pass
15MHz_Low_QPSK_1@0	23.98	24.34	0.272	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@37	23.68	24.04	0.254	2	Pass
15MHz_Low_QPSK_1@74	23.70	24.06	0.255	2	Pass
15MHz_Low_QPSK_36@0	22.45	22.81	0.191	2	Pass
15MHz_Low_QPSK_36@20	22.53	22.89	0.195	2	Pass
15MHz_Low_QPSK_36@39	22.39	22.75	0.188	2	Pass
15MHz_Low_QPSK_75@0	22.47	22.83	0.192	2	Pass
15MHz_Low_16QAM_1@0	23.04	23.40	0.219	2	Pass
15MHz_Low_16QAM_1@37	22.76	23.12	0.205	2	Pass
15MHz_Low_16QAM_1@74	22.80	23.16	0.207	2	Pass
15MHz_Low_16QAM_36@0	21.71	22.07	0.161	2	Pass
15MHz_Low_16QAM_36@20	21.60	21.96	0.157	2	Pass
15MHz_Low_16QAM_36@39	21.62	21.98	0.158	2	Pass
15MHz_Low_16QAM_75@0	21.57	21.93	0.156	2	Pass
15MHz_Middle_QPSK_1@0	23.32	23.68	0.233	2	Pass
15MHz_Middle_QPSK_1@37	23.22	23.58	0.228	2	Pass
15MHz_Middle_QPSK_1@74	23.11	23.47	0.222	2	Pass
15MHz_Middle_QPSK_36@0	22.36	22.72	0.187	2	Pass
15MHz_Middle_QPSK_36@20	22.19	22.55	0.180	2	Pass
15MHz_Middle_QPSK_36@39	22.30	22.66	0.185	2	Pass
15MHz_Middle_QPSK_75@0	22.23	22.59	0.182	2	Pass
15MHz_Middle_16QAM_1@0	23.23	23.59	0.229	2	Pass
15MHz_Middle_16QAM_1@37	23.12	23.48	0.223	2	Pass
15MHz_Middle_16QAM_1@74	23.09	23.45	0.221	2	Pass
15MHz_Middle_16QAM_36@0	21.38	21.74	0.149	2	Pass
15MHz_Middle_16QAM_36@20	21.40	21.76	0.150	2	Pass
15MHz_Middle_16QAM_36@39	21.34	21.70	0.148	2	Pass
15MHz_Middle_16QAM_75@0	21.41	21.77	0.150	2	Pass
15MHz_High_QPSK_1@0	23.74	24.10	0.257	2	Pass
15MHz_High_QPSK_1@37	24.41	24.77	0.300	2	Pass
15MHz_High_QPSK_1@74	24.32	24.68	0.294	2	Pass
15MHz_High_QPSK_36@0	23.12	23.48	0.223	2	Pass
15MHz_High_QPSK_36@20	23.06	23.42	0.220	2	Pass
15MHz_High_QPSK_36@39	23.14	23.50	0.224	2	Pass
15MHz_High_QPSK_75@0	23.15	23.51	0.224	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_16QAM_1@0	23.83	24.19	0.262	2	Pass
15MHz_High_16QAM_1@37	23.80	24.16	0.261	2	Pass
15MHz_High_16QAM_1@74	23.82	24.18	0.262	2	Pass
15MHz_High_16QAM_36@0	22.15	22.51	0.178	2	Pass
15MHz_High_16QAM_36@20	22.20	22.56	0.180	2	Pass
15MHz_High_16QAM_36@39	22.19	22.55	0.180	2	Pass
15MHz_High_16QAM_75@0	22.20	22.56	0.180	2	Pass
20MHz_Low_QPSK_1@0	24.35	24.71	0.296	2	Pass
20MHz_Low_QPSK_1@49	24.12	24.48	0.281	2	Pass
20MHz_Low_QPSK_1@99	24.27	24.63	0.290	2	Pass
20MHz_Low_QPSK_100@0	23.05	23.41	0.219	2	Pass
20MHz_Low_QPSK_50@0	23.16	23.52	0.225	2	Pass
20MHz_Low_QPSK_50@24	23.18	23.54	0.226	2	Pass
20MHz_Low_QPSK_50@50	23.04	23.40	0.219	2	Pass
20MHz_Low_16QAM_1@0	23.70	24.06	0.255	2	Pass
20MHz_Low_16QAM_1@49	23.46	23.82	0.241	2	Pass
20MHz_Low_16QAM_1@99	23.50	23.86	0.243	2	Pass
20MHz_Low_16QAM_100@0	22.17	22.53	0.179	2	Pass
20MHz_Low_16QAM_50@0	22.12	22.48	0.177	2	Pass
20MHz_Low_16QAM_50@24	22.16	22.52	0.179	2	Pass
20MHz_Low_16QAM_50@50	22.15	22.51	0.178	2	Pass
20MHz_Middle_QPSK_1@0	24.26	24.62	0.290	2	Pass
20MHz_Middle_QPSK_1@49	24.31	24.67	0.293	2	Pass
20MHz_Middle_QPSK_1@99	24.23	24.59	0.288	2	Pass
20MHz_Middle_QPSK_100@0	23.06	23.42	0.220	2	Pass
20MHz_Middle_QPSK_50@0	23.09	23.45	0.221	2	Pass
20MHz_Middle_QPSK_50@24	23.16	23.52	0.225	2	Pass
20MHz_Middle_QPSK_50@50	23.03	23.39	0.218	2	Pass
20MHz_Middle_16QAM_1@0	23.05	23.41	0.219	2	Pass
20MHz_Middle_16QAM_1@49	23.08	23.44	0.221	2	Pass
20MHz_Middle_16QAM_1@99	22.99	23.35	0.216	2	Pass
20MHz_Middle_16QAM_100@0	22.26	22.62	0.183	2	Pass
20MHz_Middle_16QAM_50@0	22.30	22.66	0.185	2	Pass
20MHz_Middle_16QAM_50@24	22.14	22.50	0.178	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@50	22.13	22.49	0.177	2	Pass
20MHz_High_QPSK_1@0	24.16	24.52	0.283	2	Pass
20MHz_High_QPSK_1@49	24.14	24.50	0.282	2	Pass
20MHz_High_QPSK_1@99	24.21	24.57	0.286	2	Pass
20MHz_High_QPSK_100@0	23.05	23.41	0.219	2	Pass
20MHz_High_QPSK_50@0	23.12	23.48	0.223	2	Pass
20MHz_High_QPSK_50@24	23.03	23.39	0.218	2	Pass
20MHz_High_QPSK_50@50	23.06	23.42	0.220	2	Pass
20MHz_High_16QAM_1@0	22.74	23.10	0.204	2	Pass
20MHz_High_16QAM_1@49	22.76	23.12	0.205	2	Pass
20MHz_High_16QAM_1@99	22.79	23.15	0.207	2	Pass
20MHz_High_16QAM_100@0	22.12	22.48	0.177	2	Pass
20MHz_High_16QAM_50@0	22.17	22.53	0.179	2	Pass
20MHz_High_16QAM_50@24	22.25	22.61	0.182	2	Pass
20MHz_High_16QAM_50@50	22.20	22.56	0.180	2	Pass

Note:

$EIRP = \text{Average Conducted Power(dBm)} - L_C(\text{dB}) + G_T(\text{dBi})$

1.Ant Gain = 0.36dBi;

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

FCC Part 27 & IC RSS 139

B4, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	24.01	24.38	0.274	1	Pass
1.4MHz_Low_QPSK_1@3	24.06	24.43	0.277	1	Pass
1.4MHz_Low_QPSK_1@5	24.05	24.42	0.277	1	Pass
1.4MHz_Low_QPSK_3@0	23.99	24.36	0.273	1	Pass
1.4MHz_Low_QPSK_3@1	23.88	24.25	0.266	1	Pass
1.4MHz_Low_QPSK_3@3	24	24.37	0.274	1	Pass
1.4MHz_Low_QPSK_6@0	23	23.37	0.217	1	Pass
1.4MHz_Low_16QAM_1@0	23.04	23.41	0.219	1	Pass
1.4MHz_Low_16QAM_1@3	23.04	23.41	0.219	1	Pass
1.4MHz_Low_16QAM_1@5	23.05	23.42	0.220	1	Pass
1.4MHz_Low_16QAM_3@0	22.79	23.16	0.207	1	Pass
1.4MHz_Low_16QAM_3@1	22.79	23.16	0.207	1	Pass
1.4MHz_Low_16QAM_3@3	22.82	23.19	0.208	1	Pass
1.4MHz_Low_16QAM_6@0	22.18	22.55	0.180	1	Pass
1.4MHz_Middle_QPSK_1@0	24.26	24.63	0.290	1	Pass
1.4MHz_Middle_QPSK_1@3	24.10	24.47	0.280	1	Pass
1.4MHz_Middle_QPSK_1@5	24.22	24.59	0.288	1	Pass
1.4MHz_Middle_QPSK_3@0	23.97	24.34	0.272	1	Pass
1.4MHz_Middle_QPSK_3@1	23.87	24.24	0.265	1	Pass
1.4MHz_Middle_QPSK_3@3	23.95	24.32	0.270	1	Pass
1.4MHz_Middle_QPSK_6@0	22.87	23.24	0.211	1	Pass
1.4MHz_Middle_16QAM_1@0	23.72	24.09	0.256	1	Pass
1.4MHz_Middle_16QAM_1@3	23.68	24.05	0.254	1	Pass
1.4MHz_Middle_16QAM_1@5	23.58	23.95	0.248	1	Pass
1.4MHz_Middle_16QAM_3@0	23.31	23.68	0.233	1	Pass
1.4MHz_Middle_16QAM_3@1	23.24	23.61	0.230	1	Pass
1.4MHz_Middle_16QAM_3@3	23.29	23.66	0.232	1	Pass
1.4MHz_Middle_16QAM_6@0	21.97	22.34	0.171	1	Pass
1.4MHz_High_QPSK_1@0	24.12	24.49	0.281	1	Pass
1.4MHz_High_QPSK_1@3	24.14	24.51	0.282	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	24.14	24.51	0.282	1	Pass
1.4MHz_High_QPSK_3@0	24.04	24.41	0.276	1	Pass
1.4MHz_High_QPSK_3@1	24.09	24.46	0.279	1	Pass
1.4MHz_High_QPSK_3@3	24.03	24.40	0.275	1	Pass
1.4MHz_High_QPSK_6@0	23.04	23.41	0.219	1	Pass
1.4MHz_High_16QAM_1@0	24.09	24.46	0.279	1	Pass
1.4MHz_High_16QAM_1@3	24.10	24.47	0.280	1	Pass
1.4MHz_High_16QAM_1@5	24.11	24.48	0.281	1	Pass
1.4MHz_High_16QAM_3@0	23.70	24.07	0.255	1	Pass
1.4MHz_High_16QAM_3@1	23.67	24.04	0.254	1	Pass
1.4MHz_High_16QAM_3@3	23.69	24.06	0.255	1	Pass
1.4MHz_High_16QAM_6@0	22.17	22.54	0.179	1	Pass
3MHz_Low_QPSK_1@0	24.06	24.43	0.277	1	Pass
3MHz_Low_QPSK_1@14	24.05	24.42	0.277	1	Pass
3MHz_Low_QPSK_1@8	24.10	24.47	0.280	1	Pass
3MHz_Low_QPSK_15@0	22.93	23.30	0.214	1	Pass
3MHz_Low_QPSK_8@0	22.92	23.29	0.213	1	Pass
3MHz_Low_QPSK_8@4	23	23.37	0.217	1	Pass
3MHz_Low_QPSK_8@7	22.97	23.34	0.216	1	Pass
3MHz_Low_16QAM_1@0	23.08	23.45	0.221	1	Pass
3MHz_Low_16QAM_1@14	23.05	23.42	0.220	1	Pass
3MHz_Low_16QAM_1@8	23.06	23.43	0.220	1	Pass
3MHz_Low_16QAM_15@0	22.07	22.44	0.175	1	Pass
3MHz_Low_16QAM_8@0	22.12	22.49	0.177	1	Pass
3MHz_Low_16QAM_8@4	22.10	22.47	0.177	1	Pass
3MHz_Low_16QAM_8@7	22.04	22.41	0.174	1	Pass
3MHz_Middle_QPSK_1@0	24.21	24.58	0.287	1	Pass
3MHz_Middle_QPSK_1@14	23.36	23.73	0.236	1	Pass
3MHz_Middle_QPSK_1@8	23.35	23.72	0.236	1	Pass
3MHz_Middle_QPSK_15@0	22.14	22.51	0.178	1	Pass
3MHz_Middle_QPSK_8@0	22.18	22.55	0.180	1	Pass
3MHz_Middle_QPSK_8@4	22.17	22.54	0.179	1	Pass
3MHz_Middle_QPSK_8@7	22.20	22.57	0.181	1	Pass
3MHz_Middle_16QAM_1@0	22.94	23.31	0.214	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@14	22.91	23.28	0.213	1	Pass
3MHz_Middle_16QAM_1@8	22.89	23.26	0.212	1	Pass
3MHz_Middle_16QAM_15@0	21.39	21.76	0.150	1	Pass
3MHz_Middle_16QAM_8@0	21.17	21.54	0.143	1	Pass
3MHz_Middle_16QAM_8@4	21.15	21.52	0.142	1	Pass
3MHz_Middle_16QAM_8@7	21.20	21.57	0.144	1	Pass
3MHz_High_QPSK_1@0	23.45	23.82	0.241	1	Pass
3MHz_High_QPSK_1@14	23.49	23.86	0.243	1	Pass
3MHz_High_QPSK_1@8	23.37	23.74	0.237	1	Pass
3MHz_High_QPSK_15@0	22.27	22.64	0.184	1	Pass
3MHz_High_QPSK_8@0	22.19	22.56	0.180	1	Pass
3MHz_High_QPSK_8@4	22.32	22.69	0.186	1	Pass
3MHz_High_QPSK_8@7	22.29	22.66	0.185	1	Pass
3MHz_High_16QAM_1@0	23.14	23.51	0.224	1	Pass
3MHz_High_16QAM_1@14	23.16	23.53	0.225	1	Pass
3MHz_High_16QAM_1@8	23.12	23.49	0.223	1	Pass
3MHz_High_16QAM_15@0	21.45	21.82	0.152	1	Pass
3MHz_High_16QAM_8@0	21.60	21.97	0.157	1	Pass
3MHz_High_16QAM_8@4	21.59	21.96	0.157	1	Pass
3MHz_High_16QAM_8@7	21.56	21.93	0.156	1	Pass
5MHz_Low_QPSK_1@0	23.44	23.81	0.240	1	Pass
5MHz_Low_QPSK_1@12	23.42	23.79	0.239	1	Pass
5MHz_Low_QPSK_1@24	23.41	23.78	0.239	1	Pass
5MHz_Low_QPSK_12@0	22.33	22.70	0.186	1	Pass
5MHz_Low_QPSK_12@13	22.36	22.73	0.187	1	Pass
5MHz_Low_QPSK_12@7	22.26	22.63	0.183	1	Pass
5MHz_Low_QPSK_25@0	22.22	22.59	0.182	1	Pass
5MHz_Low_16QAM_1@0	22.74	23.11	0.205	1	Pass
5MHz_Low_16QAM_1@12	22.70	23.07	0.203	1	Pass
5MHz_Low_16QAM_1@24	22.72	23.09	0.204	1	Pass
5MHz_Low_16QAM_12@0	21.31	21.68	0.147	1	Pass
5MHz_Low_16QAM_12@13	21.29	21.66	0.147	1	Pass
5MHz_Low_16QAM_12@7	21.32	21.69	0.148	1	Pass
5MHz_Low_16QAM_25@0	21.39	21.76	0.150	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	22.97	23.34	0.216	1	Pass
5MHz_Middle_QPSK_1@12	22.96	23.33	0.215	1	Pass
5MHz_Middle_QPSK_1@24	23.03	23.40	0.219	1	Pass
5MHz_Middle_QPSK_12@0	22.31	22.68	0.185	1	Pass
5MHz_Middle_QPSK_12@13	22.27	22.64	0.184	1	Pass
5MHz_Middle_QPSK_12@7	22.26	22.63	0.183	1	Pass
5MHz_Middle_QPSK_25@0	22.18	22.55	0.180	1	Pass
5MHz_Middle_16QAM_1@0	22.06	22.43	0.175	1	Pass
5MHz_Middle_16QAM_1@12	21.97	22.34	0.171	1	Pass
5MHz_Middle_16QAM_1@24	22.04	22.41	0.174	1	Pass
5MHz_Middle_16QAM_12@0	21.33	21.70	0.148	1	Pass
5MHz_Middle_16QAM_12@13	21.27	21.64	0.146	1	Pass
5MHz_Middle_16QAM_12@7	21.32	21.69	0.148	1	Pass
5MHz_Middle_16QAM_25@0	21.29	21.66	0.147	1	Pass
5MHz_High_QPSK_1@0	23.27	23.64	0.231	1	Pass
5MHz_High_QPSK_1@12	23.22	23.59	0.229	1	Pass
5MHz_High_QPSK_1@24	23.23	23.60	0.229	1	Pass
5MHz_High_QPSK_12@0	22.30	22.67	0.185	1	Pass
5MHz_High_QPSK_12@13	22.25	22.62	0.183	1	Pass
5MHz_High_QPSK_12@7	22.29	22.66	0.185	1	Pass
5MHz_High_QPSK_25@0	22.23	22.60	0.182	1	Pass
5MHz_High_16QAM_1@0	21.91	22.28	0.169	1	Pass
5MHz_High_16QAM_1@12	21.91	22.28	0.169	1	Pass
5MHz_High_16QAM_1@24	21.91	22.28	0.169	1	Pass
5MHz_High_16QAM_12@0	21.24	21.61	0.145	1	Pass
5MHz_High_16QAM_12@13	21.22	21.59	0.144	1	Pass
5MHz_High_16QAM_12@7	21.29	21.66	0.147	1	Pass
5MHz_High_16QAM_25@0	21.49	21.86	0.153	1	Pass
10MHz_Low_QPSK_1@0	23.47	23.84	0.242	1	Pass
10MHz_Low_QPSK_1@25	23.43	23.80	0.240	1	Pass
10MHz_Low_QPSK_1@49	23.45	23.82	0.241	1	Pass
10MHz_Low_QPSK_25@0	22.33	22.70	0.186	1	Pass
10MHz_Low_QPSK_25@12	22.22	22.59	0.182	1	Pass
10MHz_Low_QPSK_25@25	22.30	22.67	0.185	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.29	22.66	0.185	1	Pass
10MHz_Low_16QAM_1@0	23.24	23.61	0.230	1	Pass
10MHz_Low_16QAM_1@25	23.24	23.61	0.230	1	Pass
10MHz_Low_16QAM_1@49	23.20	23.57	0.228	1	Pass
10MHz_Low_16QAM_25@12	21.46	21.83	0.152	1	Pass
10MHz_Low_16QAM_25@25	21.50	21.87	0.154	1	Pass
10MHz_Low_16QAM_50@0	21.33	21.70	0.148	1	Pass
10MHz_Middle_QPSK_1@0	23.20	23.57	0.228	1	Pass
10MHz_Middle_QPSK_1@25	23.24	23.61	0.230	1	Pass
10MHz_Middle_QPSK_1@49	23.29	23.66	0.232	1	Pass
10MHz_Middle_QPSK_25@0	22.31	22.68	0.185	1	Pass
10MHz_Middle_QPSK_25@12	22.29	22.66	0.185	1	Pass
10MHz_Middle_QPSK_25@25	22.17	22.54	0.179	1	Pass
10MHz_Middle_QPSK_50@0	22.12	22.49	0.177	1	Pass
10MHz_Middle_16QAM_1@0	22.21	22.58	0.181	1	Pass
10MHz_Middle_16QAM_1@25	22.28	22.65	0.184	1	Pass
10MHz_Middle_16QAM_1@49	22.14	22.51	0.178	1	Pass
10MHz_Middle_16QAM_25@12	21.37	21.74	0.149	1	Pass
10MHz_Middle_16QAM_25@25	21.40	21.77	0.150	1	Pass
10MHz_Middle_16QAM_50@0	21.31	21.68	0.147	1	Pass
10MHz_High_QPSK_1@0	23.19	23.56	0.227	1	Pass
10MHz_High_QPSK_1@25	23.42	23.79	0.239	1	Pass
10MHz_High_QPSK_1@49	23.30	23.67	0.233	1	Pass
10MHz_High_QPSK_25@0	22.17	22.54	0.179	1	Pass
10MHz_High_QPSK_25@12	22.49	22.86	0.193	1	Pass
10MHz_High_QPSK_25@25	22.37	22.74	0.188	1	Pass
10MHz_High_QPSK_50@0	22.32	22.69	0.186	1	Pass
10MHz_High_16QAM_1@0	22.41	22.78	0.190	1	Pass
10MHz_High_16QAM_1@25	22.59	22.96	0.198	1	Pass
10MHz_High_16QAM_1@49	22.47	22.84	0.192	1	Pass
10MHz_High_16QAM_25@12	21.59	21.96	0.157	1	Pass
10MHz_High_16QAM_25@25	21.44	21.81	0.152	1	Pass
10MHz_High_16QAM_50@0	21.55	21.92	0.156	1	Pass
15MHz_Low_QPSK_1@0	23.49	23.86	0.243	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@37	23.49	23.86	0.243	1	Pass
15MHz_Low_QPSK_1@74	23.39	23.76	0.238	1	Pass
15MHz_Low_QPSK_36@0	22.28	22.65	0.184	1	Pass
15MHz_Low_QPSK_36@20	22.23	22.60	0.182	1	Pass
15MHz_Low_QPSK_36@39	22.18	22.55	0.180	1	Pass
15MHz_Low_QPSK_75@0	22.25	22.62	0.183	1	Pass
15MHz_Low_16QAM_1@0	23.24	23.61	0.230	1	Pass
15MHz_Low_16QAM_1@37	23.19	23.56	0.227	1	Pass
15MHz_Low_16QAM_1@74	23.23	23.60	0.229	1	Pass
15MHz_Low_16QAM_36@0	21.39	21.76	0.150	1	Pass
15MHz_Low_16QAM_36@20	21.37	21.74	0.149	1	Pass
15MHz_Low_16QAM_36@39	21.45	21.82	0.152	1	Pass
15MHz_Low_16QAM_75@0	21.37	21.74	0.149	1	Pass
15MHz_Middle_QPSK_1@0	23.53	23.90	0.245	1	Pass
15MHz_Middle_QPSK_1@37	23.49	23.86	0.243	1	Pass
15MHz_Middle_QPSK_1@74	23.53	23.90	0.245	1	Pass
15MHz_Middle_QPSK_36@0	22.26	22.63	0.183	1	Pass
15MHz_Middle_QPSK_36@20	22.38	22.75	0.188	1	Pass
15MHz_Middle_QPSK_36@39	22.36	22.73	0.187	1	Pass
15MHz_Middle_QPSK_75@0	22.34	22.71	0.187	1	Pass
15MHz_Middle_16QAM_1@0	22.58	22.95	0.197	1	Pass
15MHz_Middle_16QAM_1@37	22.53	22.90	0.195	1	Pass
15MHz_Middle_16QAM_1@74	22.57	22.94	0.197	1	Pass
15MHz_Middle_16QAM_36@0	21.50	21.87	0.154	1	Pass
15MHz_Middle_16QAM_36@20	21.53	21.90	0.155	1	Pass
15MHz_Middle_16QAM_36@39	21.49	21.86	0.153	1	Pass
15MHz_Middle_16QAM_75@0	21.39	21.76	0.150	1	Pass
15MHz_High_QPSK_1@0	23.28	23.65	0.232	1	Pass
15MHz_High_QPSK_1@37	23.37	23.74	0.237	1	Pass
15MHz_High_QPSK_1@74	23.15	23.52	0.225	1	Pass
15MHz_High_QPSK_36@0	22.30	22.67	0.185	1	Pass
15MHz_High_QPSK_36@20	22.19	22.56	0.180	1	Pass
15MHz_High_QPSK_36@39	22.23	22.60	0.182	1	Pass
15MHz_High_QPSK_75@0	22.26	22.63	0.183	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_16QAM_1@0	23.24	23.61	0.230	1	Pass
15MHz_High_16QAM_1@37	23.26	23.63	0.231	1	Pass
15MHz_High_16QAM_1@74	23.27	23.64	0.231	1	Pass
15MHz_High_16QAM_36@0	21.29	21.66	0.147	1	Pass
15MHz_High_16QAM_36@20	21.30	21.67	0.147	1	Pass
15MHz_High_16QAM_36@39	21.46	21.83	0.152	1	Pass
15MHz_High_16QAM_75@0	21.36	21.73	0.149	1	Pass
20MHz_Low_QPSK_1@0	23.42	23.79	0.239	1	Pass
20MHz_Low_QPSK_1@49	23.35	23.72	0.236	1	Pass
20MHz_Low_QPSK_1@99	23.42	23.79	0.239	1	Pass
20MHz_Low_QPSK_100@0	22.26	22.63	0.183	1	Pass
20MHz_Low_QPSK_50@0	22.26	22.63	0.183	1	Pass
20MHz_Low_QPSK_50@24	22.20	22.57	0.181	1	Pass
20MHz_Low_QPSK_50@50	22.21	22.58	0.181	1	Pass
20MHz_Low_16QAM_1@0	22.30	22.67	0.185	1	Pass
20MHz_Low_16QAM_1@49	22.25	22.62	0.183	1	Pass
20MHz_Low_16QAM_1@99	22.35	22.72	0.187	1	Pass
20MHz_Low_16QAM_100@0	21.30	21.67	0.147	1	Pass
20MHz_Low_16QAM_50@0	21.36	21.73	0.149	1	Pass
20MHz_Low_16QAM_50@24	21.34	21.71	0.148	1	Pass
20MHz_Low_16QAM_50@50	21.36	21.73	0.149	1	Pass
20MHz_Middle_QPSK_1@0	23.30	23.67	0.233	1	Pass
20MHz_Middle_QPSK_1@49	23.21	23.58	0.228	1	Pass
20MHz_Middle_QPSK_1@99	23.26	23.63	0.231	1	Pass
20MHz_Middle_QPSK_100@0	22.21	22.58	0.181	1	Pass
20MHz_Middle_QPSK_50@0	22.24	22.61	0.182	1	Pass
20MHz_Middle_QPSK_50@24	22.14	22.51	0.178	1	Pass
20MHz_Middle_QPSK_50@50	22.22	22.59	0.182	1	Pass
20MHz_Middle_16QAM_1@0	22.42	22.79	0.190	1	Pass
20MHz_Middle_16QAM_1@49	22.41	22.78	0.190	1	Pass
20MHz_Middle_16QAM_1@99	22.42	22.79	0.190	1	Pass
20MHz_Middle_16QAM_100@0	21.31	21.68	0.147	1	Pass
20MHz_Middle_16QAM_50@0	21.44	21.81	0.152	1	Pass
20MHz_Middle_16QAM_50@24	21.39	21.76	0.150	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@50	21.42	21.79	0.151	1	Pass
20MHz_High_QPSK_1@0	23.09	23.46	0.222	1	Pass
20MHz_High_QPSK_1@49	23.13	23.50	0.224	1	Pass
20MHz_High_QPSK_1@99	23.16	23.53	0.225	1	Pass
20MHz_High_QPSK_100@0	22.16	22.53	0.179	1	Pass
20MHz_High_QPSK_50@0	22.26	22.63	0.183	1	Pass
20MHz_High_QPSK_50@24	22.23	22.60	0.182	1	Pass
20MHz_High_QPSK_50@50	22.43	22.80	0.191	1	Pass
20MHz_High_16QAM_1@0	22.55	22.92	0.196	1	Pass
20MHz_High_16QAM_1@49	22.47	22.84	0.192	1	Pass
20MHz_High_16QAM_1@99	22.68	23.05	0.202	1	Pass
20MHz_High_16QAM_100@0	21.39	21.76	0.150	1	Pass
20MHz_High_16QAM_50@0	21.16	21.53	0.142	1	Pass
20MHz_High_16QAM_50@24	21.23	21.60	0.145	1	Pass
20MHz_High_16QAM_50@50	21.40	21.77	0.150	1	Pass

Note:

$EIRP = Average\ Conducted\ Power(dBm) - L_C(dB) + G_T(dBi)$

1.Ant Gain = 0.37dBi;

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

FCC Part 27 & IC RSS 130

B12, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	23.78	21.50	0.141	3	Pass
1.4MHz_Low_QPSK_1@3	23.75	21.47	0.140	3	Pass
1.4MHz_Low_QPSK_1@5	23.83	21.55	0.143	3	Pass
1.4MHz_Low_QPSK_3@0	24.13	21.85	0.153	3	Pass
1.4MHz_Low_QPSK_3@1	24.17	21.89	0.155	3	Pass
1.4MHz_Low_QPSK_3@3	24.09	21.81	0.152	3	Pass
1.4MHz_Low_QPSK_6@0	23.19	20.91	0.123	3	Pass
1.4MHz_Low_16QAM_1@0	24.12	21.84	0.153	3	Pass
1.4MHz_Low_16QAM_1@3	24.16	21.88	0.154	3	Pass
1.4MHz_Low_16QAM_1@5	24.08	21.80	0.151	3	Pass
1.4MHz_Low_16QAM_3@0	23.47	21.19	0.132	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_16QAM_3@1	23.47	21.19	0.132	3	Pass
1.4MHz_Low_16QAM_3@3	23.43	21.15	0.130	3	Pass
1.4MHz_Low_16QAM_6@0	22.22	19.94	0.099	3	Pass
1.4MHz_Middle_QPSK_1@0	24.26	21.98	0.158	3	Pass
1.4MHz_Middle_QPSK_1@3	24.39	22.11	0.163	3	Pass
1.4MHz_Middle_QPSK_1@5	24.36	22.08	0.161	3	Pass
1.4MHz_Middle_QPSK_3@0	24.31	22.03	0.160	3	Pass
1.4MHz_Middle_QPSK_3@1	24.17	21.89	0.155	3	Pass
1.4MHz_Middle_QPSK_3@3	24.17	21.89	0.155	3	Pass
1.4MHz_Middle_QPSK_6@0	23.16	20.88	0.122	3	Pass
1.4MHz_Middle_16QAM_1@0	23.77	21.49	0.141	3	Pass
1.4MHz_Middle_16QAM_1@3	23.75	21.47	0.140	3	Pass
1.4MHz_Middle_16QAM_1@5	23.85	21.57	0.144	3	Pass
1.4MHz_Middle_16QAM_3@0	23.37	21.09	0.129	3	Pass
1.4MHz_Middle_16QAM_3@1	23.37	21.09	0.129	3	Pass
1.4MHz_Middle_16QAM_3@3	23.37	21.09	0.129	3	Pass
1.4MHz_Middle_16QAM_6@0	22.35	20.07	0.102	3	Pass
1.4MHz_High_QPSK_1@0	24.31	22.03	0.160	3	Pass
1.4MHz_High_QPSK_1@3	24.20	21.92	0.156	3	Pass
1.4MHz_High_QPSK_1@5	24.22	21.94	0.156	3	Pass
1.4MHz_High_QPSK_3@0	24.35	22.07	0.161	3	Pass
1.4MHz_High_QPSK_3@1	24.38	22.10	0.162	3	Pass
1.4MHz_High_QPSK_3@3	24.26	21.98	0.158	3	Pass
1.4MHz_High_QPSK_6@0	23.22	20.94	0.124	3	Pass
1.4MHz_High_16QAM_1@0	23.92	21.64	0.146	3	Pass
1.4MHz_High_16QAM_1@3	23.93	21.65	0.146	3	Pass
1.4MHz_High_16QAM_1@5	23.95	21.67	0.147	3	Pass
1.4MHz_High_16QAM_3@0	23.28	21.00	0.126	3	Pass
1.4MHz_High_16QAM_3@1	23.28	21.00	0.126	3	Pass
1.4MHz_High_16QAM_3@3	23.34	21.06	0.128	3	Pass
1.4MHz_High_16QAM_6@0	21.86	19.58	0.091	3	Pass
3MHz_Low_QPSK_1@0	24.21	21.93	0.156	3	Pass
3MHz_Low_QPSK_1@14	24.20	21.92	0.156	3	Pass
3MHz_Low_QPSK_1@8	24.22	21.94	0.156	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_15@0	23.06	20.78	0.120	3	Pass
3MHz_Low_QPSK_8@0	23.16	20.88	0.122	3	Pass
3MHz_Low_QPSK_8@4	23.10	20.82	0.121	3	Pass
3MHz_Low_QPSK_8@7	23.16	20.88	0.122	3	Pass
3MHz_Low_16QAM_1@0	23.28	21.00	0.126	3	Pass
3MHz_Low_16QAM_1@14	23.37	21.09	0.129	3	Pass
3MHz_Low_16QAM_1@8	23.22	20.94	0.124	3	Pass
3MHz_Low_16QAM_15@0	22.18	19.90	0.098	3	Pass
3MHz_Low_16QAM_8@0	22.23	19.95	0.099	3	Pass
3MHz_Low_16QAM_8@4	22.18	19.90	0.098	3	Pass
3MHz_Low_16QAM_8@7	22.30	20.02	0.100	3	Pass
3MHz_Middle_QPSK_1@0	24.29	22.01	0.159	3	Pass
3MHz_Middle_QPSK_1@14	24.38	22.10	0.162	3	Pass
3MHz_Middle_QPSK_1@8	24.43	22.15	0.164	3	Pass
3MHz_Middle_QPSK_15@0	23.17	20.89	0.123	3	Pass
3MHz_Middle_QPSK_8@0	23.23	20.95	0.124	3	Pass
3MHz_Middle_QPSK_8@4	23.25	20.97	0.125	3	Pass
3MHz_Middle_QPSK_8@7	23.14	20.86	0.122	3	Pass
3MHz_Middle_16QAM_1@0	23.53	21.25	0.133	3	Pass
3MHz_Middle_16QAM_1@14	23.60	21.32	0.136	3	Pass
3MHz_Middle_16QAM_1@8	23.58	21.30	0.135	3	Pass
3MHz_Middle_16QAM_15@0	22.17	19.89	0.097	3	Pass
3MHz_Middle_16QAM_8@0	22.20	19.92	0.098	3	Pass
3MHz_Middle_16QAM_8@4	22.20	19.92	0.098	3	Pass
3MHz_Middle_16QAM_8@7	22.17	19.89	0.097	3	Pass
3MHz_High_QPSK_1@0	24.20	21.92	0.156	3	Pass
3MHz_High_QPSK_1@14	24.16	21.88	0.154	3	Pass
3MHz_High_QPSK_1@8	24.24	21.96	0.157	3	Pass
3MHz_High_QPSK_15@0	23.21	20.93	0.124	3	Pass
3MHz_High_QPSK_8@0	23.07	20.79	0.120	3	Pass
3MHz_High_QPSK_8@4	23.18	20.90	0.123	3	Pass
3MHz_High_QPSK_8@7	23.12	20.84	0.121	3	Pass
3MHz_High_16QAM_1@0	23.79	21.51	0.142	3	Pass
3MHz_High_16QAM_1@14	23.80	21.52	0.142	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_High_16QAM_1@8	23.80	21.52	0.142	3	Pass
3MHz_High_16QAM_15@0	22.17	19.89	0.097	3	Pass
3MHz_High_16QAM_8@0	21.92	19.64	0.092	3	Pass
3MHz_High_16QAM_8@4	21.90	19.62	0.092	3	Pass
3MHz_High_16QAM_8@7	21.99	19.71	0.094	3	Pass
5MHz_Low_QPSK_1@0	24.31	22.03	0.160	3	Pass
5MHz_Low_QPSK_1@12	24.31	22.03	0.160	3	Pass
5MHz_Low_QPSK_1@24	24.30	22.02	0.159	3	Pass
5MHz_Low_QPSK_12@0	23.06	20.78	0.120	3	Pass
5MHz_Low_QPSK_12@13	23.19	20.91	0.123	3	Pass
5MHz_Low_QPSK_12@7	23.09	20.81	0.121	3	Pass
5MHz_Low_QPSK_25@0	23.13	20.85	0.122	3	Pass
5MHz_Low_16QAM_1@0	23.03	20.75	0.119	3	Pass
5MHz_Low_16QAM_1@12	23.12	20.84	0.121	3	Pass
5MHz_Low_16QAM_1@24	23.15	20.87	0.122	3	Pass
5MHz_Low_16QAM_12@0	22.08	19.80	0.095	3	Pass
5MHz_Low_16QAM_12@13	22.07	19.79	0.095	3	Pass
5MHz_Low_16QAM_12@7	22.04	19.76	0.095	3	Pass
5MHz_Low_16QAM_25@0	22.33	20.05	0.101	3	Pass
5MHz_Middle_QPSK_1@0	23.96	21.68	0.147	3	Pass
5MHz_Middle_QPSK_1@12	24.02	21.74	0.149	3	Pass
5MHz_Middle_QPSK_1@24	23.99	21.71	0.148	3	Pass
5MHz_Middle_QPSK_12@0	23.26	20.98	0.125	3	Pass
5MHz_Middle_QPSK_12@13	23.22	20.94	0.124	3	Pass
5MHz_Middle_QPSK_12@7	23.30	21.02	0.126	3	Pass
5MHz_Middle_QPSK_25@0	23.27	20.99	0.126	3	Pass
5MHz_Middle_16QAM_1@0	22.97	20.69	0.117	3	Pass
5MHz_Middle_16QAM_1@12	22.94	20.66	0.116	3	Pass
5MHz_Middle_16QAM_1@24	22.95	20.67	0.117	3	Pass
5MHz_Middle_16QAM_12@0	22.13	19.85	0.097	3	Pass
5MHz_Middle_16QAM_12@13	22.23	19.95	0.099	3	Pass
5MHz_Middle_16QAM_12@7	22.26	19.98	0.100	3	Pass
5MHz_Middle_16QAM_25@0	22.25	19.97	0.099	3	Pass
5MHz_High_QPSK_1@0	24.09	21.81	0.152	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_QPSK_1@12	24.11	21.83	0.152	3	Pass
5MHz_High_QPSK_1@24	24.10	21.82	0.152	3	Pass
5MHz_High_QPSK_12@0	23.04	20.76	0.119	3	Pass
5MHz_High_QPSK_12@13	23.08	20.80	0.120	3	Pass
5MHz_High_QPSK_12@7	23.07	20.79	0.120	3	Pass
5MHz_High_QPSK_25@0	23.22	20.94	0.124	3	Pass
5MHz_High_16QAM_1@0	22.69	20.41	0.110	3	Pass
5MHz_High_16QAM_1@12	22.71	20.43	0.110	3	Pass
5MHz_High_16QAM_1@24	22.76	20.48	0.112	3	Pass
5MHz_High_16QAM_12@0	22.18	19.90	0.098	3	Pass
5MHz_High_16QAM_12@13	22.11	19.83	0.096	3	Pass
5MHz_High_16QAM_12@7	22.15	19.87	0.097	3	Pass
5MHz_High_16QAM_25@0	22.35	20.07	0.102	3	Pass
10MHz_Low_QPSK_1@0	24.32	22.04	0.160	3	Pass
10MHz_Low_QPSK_1@25	24.34	22.06	0.161	3	Pass
10MHz_Low_QPSK_1@49	24.44	22.16	0.164	3	Pass
10MHz_Low_QPSK_25@0	23.03	20.75	0.119	3	Pass
10MHz_Low_QPSK_25@12	23.29	21.01	0.126	3	Pass
10MHz_Low_QPSK_25@25	23.18	20.90	0.123	3	Pass
10MHz_Low_QPSK_50@0	23.25	20.97	0.125	3	Pass
10MHz_Low_16QAM_1@0	23.60	21.32	0.136	3	Pass
10MHz_Low_16QAM_1@25	23.68	21.40	0.138	3	Pass
10MHz_Low_16QAM_1@49	23.76	21.48	0.141	3	Pass
10MHz_Low_16QAM_25@12	22.74	20.46	0.111	3	Pass
10MHz_Low_16QAM_25@25	22.35	20.07	0.102	3	Pass
10MHz_Low_16QAM_50@0	22.63	20.35	0.108	3	Pass
10MHz_Middle_QPSK_1@0	24.25	21.97	0.157	3	Pass
10MHz_Middle_QPSK_1@25	24.38	22.10	0.162	3	Pass
10MHz_Middle_QPSK_1@49	24.27	21.99	0.158	3	Pass
10MHz_Middle_QPSK_25@0	23.14	20.86	0.122	3	Pass
10MHz_Middle_QPSK_25@12	23.22	20.94	0.124	3	Pass
10MHz_Middle_QPSK_25@25	23.09	20.81	0.121	3	Pass
10MHz_Middle_QPSK_50@0	23.15	20.87	0.122	3	Pass
10MHz_Middle_16QAM_1@0	23.46	21.18	0.131	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@25	23.67	21.39	0.138	3	Pass
10MHz_Middle_16QAM_1@49	23.59	21.31	0.135	3	Pass
10MHz_Middle_16QAM_25@12	22.22	19.94	0.099	3	Pass
10MHz_Middle_16QAM_25@25	22.74	20.46	0.111	3	Pass
10MHz_Middle_16QAM_50@0	22.27	19.99	0.100	3	Pass
10MHz_High_QPSK_1@0	24.18	21.90	0.155	3	Pass
10MHz_High_QPSK_1@25	24.21	21.93	0.156	3	Pass
10MHz_High_QPSK_1@49	24.27	21.99	0.158	3	Pass
10MHz_High_QPSK_25@0	23.30	21.02	0.126	3	Pass
10MHz_High_QPSK_25@12	23.11	20.83	0.121	3	Pass
10MHz_High_QPSK_25@25	23.12	20.84	0.121	3	Pass
10MHz_High_QPSK_50@0	23.07	20.79	0.120	3	Pass
10MHz_High_16QAM_1@0	23.39	21.11	0.129	3	Pass
10MHz_High_16QAM_1@25	23.43	21.15	0.130	3	Pass
10MHz_High_16QAM_1@49	23.33	21.05	0.127	3	Pass
10MHz_High_16QAM_25@12	22.72	20.44	0.111	3	Pass
10MHz_High_16QAM_25@25	22.20	19.92	0.098	3	Pass
10MHz_High_16QAM_50@0	22.62	20.34	0.108	3	Pass

Note:

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

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -0.13dBi;

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

FCC Part 27 & IC RSS 130

B17, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	24.35	22.07	0.161	3	Pass
5MHz_Low_QPSK_1@12	24.23	21.95	0.157	3	Pass
5MHz_Low_QPSK_1@24	24.34	22.06	0.161	3	Pass
5MHz_Low_QPSK_12@0	23.22	20.94	0.124	3	Pass
5MHz_Low_QPSK_12@13	23.30	21.02	0.126	3	Pass
5MHz_Low_QPSK_12@7	23.21	20.93	0.124	3	Pass
5MHz_Low_QPSK_25@0	23.23	20.95	0.124	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_1@0	23.65	21.37	0.137	3	Pass
5MHz_Low_16QAM_1@12	23.57	21.29	0.135	3	Pass
5MHz_Low_16QAM_1@24	23.57	21.29	0.135	3	Pass
5MHz_Low_16QAM_12@0	22.12	19.84	0.096	3	Pass
5MHz_Low_16QAM_12@13	22.17	19.89	0.097	3	Pass
5MHz_Low_16QAM_12@7	22.11	19.83	0.096	3	Pass
5MHz_Low_16QAM_25@0	22.21	19.93	0.098	3	Pass
5MHz_Middle_QPSK_1@0	24.08	21.80	0.151	3	Pass
5MHz_Middle_QPSK_1@12	23.92	21.64	0.146	3	Pass
5MHz_Middle_QPSK_1@24	23.91	21.63	0.146	3	Pass
5MHz_Middle_QPSK_12@0	23.18	20.90	0.123	3	Pass
5MHz_Middle_QPSK_12@13	23.17	20.89	0.123	3	Pass
5MHz_Middle_QPSK_12@7	23.24	20.96	0.125	3	Pass
5MHz_Middle_QPSK_25@0	23.20	20.92	0.124	3	Pass
5MHz_Middle_16QAM_1@0	22.93	20.65	0.116	3	Pass
5MHz_Middle_16QAM_1@12	22.91	20.63	0.116	3	Pass
5MHz_Middle_16QAM_1@24	22.83	20.55	0.114	3	Pass
5MHz_Middle_16QAM_12@0	22.12	19.84	0.096	3	Pass
5MHz_Middle_16QAM_12@13	22.14	19.86	0.097	3	Pass
5MHz_Middle_16QAM_12@7	22.60	20.32	0.108	3	Pass
5MHz_Middle_16QAM_25@0	22.52	20.24	0.106	3	Pass
5MHz_High_QPSK_1@0	24.10	21.82	0.152	3	Pass
5MHz_High_QPSK_1@12	24.09	21.81	0.152	3	Pass
5MHz_High_QPSK_1@24	24.09	21.81	0.152	3	Pass
5MHz_High_QPSK_12@0	23.10	20.82	0.121	3	Pass
5MHz_High_QPSK_12@13	23.11	20.83	0.121	3	Pass
5MHz_High_QPSK_12@7	23.09	20.81	0.121	3	Pass
5MHz_High_QPSK_25@0	23.09	20.81	0.121	3	Pass
5MHz_High_16QAM_1@0	22.72	20.44	0.111	3	Pass
5MHz_High_16QAM_1@12	22.71	20.43	0.110	3	Pass
5MHz_High_16QAM_1@24	22.70	20.42	0.110	3	Pass
5MHz_High_16QAM_12@0	22.11	19.83	0.096	3	Pass
5MHz_High_16QAM_12@13	22.11	19.83	0.096	3	Pass
5MHz_High_16QAM_12@7	22.10	19.82	0.096	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_16QAM_25@0	22.36	20.08	0.102	3	Pass
10MHz_Low_QPSK_1@0	24.27	21.99	0.158	3	Pass
10MHz_Low_QPSK_1@25	24.32	22.04	0.160	3	Pass
10MHz_Low_QPSK_1@49	24.36	22.08	0.161	3	Pass
10MHz_Low_QPSK_25@0	23.14	20.86	0.122	3	Pass
10MHz_Low_QPSK_25@12	23.33	21.05	0.127	3	Pass
10MHz_Low_QPSK_25@25	23.19	20.91	0.123	3	Pass
10MHz_Low_QPSK_50@0	23.22	20.94	0.124	3	Pass
10MHz_Low_16QAM_1@0	23.40	21.12	0.129	3	Pass
10MHz_Low_16QAM_1@25	23.48	21.20	0.132	3	Pass
10MHz_Low_16QAM_1@49	23.40	21.12	0.129	3	Pass
10MHz_Low_16QAM_25@12	22.21	19.93	0.098	3	Pass
10MHz_Low_16QAM_25@25	22.30	20.02	0.100	3	Pass
10MHz_Low_16QAM_50@0	22.14	19.86	0.097	3	Pass
10MHz_Middle_QPSK_1@0	24.15	21.87	0.154	3	Pass
10MHz_Middle_QPSK_1@25	24.22	21.94	0.156	3	Pass
10MHz_Middle_QPSK_1@49	24.30	22.02	0.159	3	Pass
10MHz_Middle_QPSK_25@0	23.26	20.98	0.125	3	Pass
10MHz_Middle_QPSK_25@12	23.18	20.90	0.123	3	Pass
10MHz_Middle_QPSK_25@25	23.26	20.98	0.125	3	Pass
10MHz_Middle_QPSK_50@0	23.14	20.86	0.122	3	Pass
10MHz_Middle_16QAM_1@0	23.09	20.81	0.121	3	Pass
10MHz_Middle_16QAM_1@25	23.01	20.73	0.118	3	Pass
10MHz_Middle_16QAM_1@49	23.01	20.73	0.118	3	Pass
10MHz_Middle_16QAM_25@12	22.73	20.45	0.111	3	Pass
10MHz_Middle_16QAM_25@25	22.33	20.05	0.101	3	Pass
10MHz_Middle_16QAM_50@0	22.68	20.40	0.110	3	Pass
10MHz_High_QPSK_1@0	24.28	22.00	0.158	3	Pass
10MHz_High_QPSK_1@25	24.33	22.05	0.160	3	Pass
10MHz_High_QPSK_1@49	24.38	22.10	0.162	3	Pass
10MHz_High_QPSK_25@0	23.29	21.01	0.126	3	Pass
10MHz_High_QPSK_25@12	23.20	20.92	0.124	3	Pass
10MHz_High_QPSK_25@25	23.20	20.92	0.124	3	Pass
10MHz_High_QPSK_50@0	23.08	20.80	0.120	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_High_16QAM_1@0	23.63	21.35	0.136	3	Pass
10MHz_High_16QAM_1@25	23.56	21.28	0.134	3	Pass
10MHz_High_16QAM_1@49	23.56	21.28	0.134	3	Pass
10MHz_High_16QAM_25@12	22.72	20.44	0.111	3	Pass
10MHz_High_16QAM_25@25	22.21	19.93	0.098	3	Pass
10MHz_High_16QAM_50@0	22.59	20.31	0.107	3	Pass

Note:

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

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -0.13dBi;

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

FCC Part 27 & IC RSS 139

B66, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	24.11	24.48	0.281	1	Pass
1.4MHz_Low_QPSK_1@3	24.16	24.53	0.284	1	Pass
1.4MHz_Low_QPSK_1@5	23.59	23.96	0.249	1	Pass
1.4MHz_Low_QPSK_3@0	23.39	23.76	0.238	1	Pass
1.4MHz_Low_QPSK_3@1	23.38	23.75	0.237	1	Pass
1.4MHz_Low_QPSK_3@3	23.46	23.83	0.242	1	Pass
1.4MHz_Low_QPSK_6@0	22.33	22.70	0.186	1	Pass
1.4MHz_Low_16QAM_1@0	23.13	23.50	0.224	1	Pass
1.4MHz_Low_16QAM_1@3	23.33	23.70	0.234	1	Pass
1.4MHz_Low_16QAM_1@5	22.61	22.98	0.199	1	Pass
1.4MHz_Low_16QAM_3@0	22.80	23.17	0.207	1	Pass
1.4MHz_Low_16QAM_3@1	22.84	23.21	0.209	1	Pass
1.4MHz_Low_16QAM_3@3	22.65	23.02	0.200	1	Pass
1.4MHz_Low_16QAM_6@0	21.57	21.94	0.156	1	Pass
1.4MHz_Middle_QPSK_1@0	23.29	23.66	0.232	1	Pass
1.4MHz_Middle_QPSK_1@3	23.32	23.69	0.234	1	Pass
1.4MHz_Middle_QPSK_1@5	23.28	23.65	0.232	1	Pass
1.4MHz_Middle_QPSK_3@0	23.34	23.71	0.235	1	Pass
1.4MHz_Middle_QPSK_3@1	23.39	23.76	0.238	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Middle_QPSK_3@3	23.39	23.76	0.238	1	Pass
1.4MHz_Middle_QPSK_6@0	22.33	22.70	0.186	1	Pass
1.4MHz_Middle_16QAM_1@0	21.79	22.16	0.164	1	Pass
1.4MHz_Middle_16QAM_1@3	21.77	22.14	0.164	1	Pass
1.4MHz_Middle_16QAM_1@5	21.85	22.22	0.167	1	Pass
1.4MHz_Middle_16QAM_3@0	22.27	22.64	0.184	1	Pass
1.4MHz_Middle_16QAM_3@1	22.26	22.63	0.183	1	Pass
1.4MHz_Middle_16QAM_3@3	22.30	22.67	0.185	1	Pass
1.4MHz_Middle_16QAM_6@0	21.52	21.89	0.155	1	Pass
1.4MHz_High_QPSK_1@0	23.60	23.97	0.249	1	Pass
1.4MHz_High_QPSK_1@3	23.60	23.97	0.249	1	Pass
1.4MHz_High_QPSK_1@5	23.60	23.97	0.249	1	Pass
1.4MHz_High_QPSK_3@0	23.37	23.74	0.237	1	Pass
1.4MHz_High_QPSK_3@1	23.42	23.79	0.239	1	Pass
1.4MHz_High_QPSK_3@3	23.37	23.74	0.237	1	Pass
1.4MHz_High_QPSK_6@0	22.35	22.72	0.187	1	Pass
1.4MHz_High_16QAM_1@0	23.05	23.42	0.220	1	Pass
1.4MHz_High_16QAM_1@3	23.04	23.41	0.219	1	Pass
1.4MHz_High_16QAM_1@5	23.10	23.47	0.222	1	Pass
1.4MHz_High_16QAM_3@0	22.66	23.03	0.201	1	Pass
1.4MHz_High_16QAM_3@1	22.65	23.02	0.200	1	Pass
1.4MHz_High_16QAM_3@3	22.62	22.99	0.199	1	Pass
1.4MHz_High_16QAM_6@0	-20.75	-20.38	0.000	1	Pass
3MHz_Low_QPSK_1@0	23.58	23.95	0.248	1	Pass
3MHz_Low_QPSK_1@14	23.56	23.93	0.247	1	Pass
3MHz_Low_QPSK_1@8	23.63	24.00	0.251	1	Pass
3MHz_Low_QPSK_15@0	22.51	22.88	0.194	1	Pass
3MHz_Low_QPSK_8@0	22.37	22.74	0.188	1	Pass
3MHz_Low_QPSK_8@4	22.43	22.80	0.191	1	Pass
3MHz_Low_QPSK_8@7	22.39	22.76	0.189	1	Pass
3MHz_Low_16QAM_1@0	23.09	23.46	0.222	1	Pass
3MHz_Low_16QAM_1@14	23.09	23.46	0.222	1	Pass
3MHz_Low_16QAM_1@8	23.20	23.57	0.228	1	Pass
3MHz_Low_16QAM_15@0	21.60	21.97	0.157	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Low_16QAM_8@0	21.40	21.77	0.150	1	Pass
3MHz_Low_16QAM_8@4	21.37	21.74	0.149	1	Pass
3MHz_Low_16QAM_8@7	21.37	21.74	0.149	1	Pass
3MHz_Middle_QPSK_1@0	23.45	23.82	0.241	1	Pass
3MHz_Middle_QPSK_1@14	23.54	23.91	0.246	1	Pass
3MHz_Middle_QPSK_1@8	23.48	23.85	0.243	1	Pass
3MHz_Middle_QPSK_15@0	22.32	22.69	0.186	1	Pass
3MHz_Middle_QPSK_8@0	22.29	22.66	0.185	1	Pass
3MHz_Middle_QPSK_8@4	22.37	22.74	0.188	1	Pass
3MHz_Middle_QPSK_8@7	22.37	22.74	0.188	1	Pass
3MHz_Middle_16QAM_1@0	23.19	23.56	0.227	1	Pass
3MHz_Middle_16QAM_1@14	23.32	23.69	0.234	1	Pass
3MHz_Middle_16QAM_1@8	23.29	23.66	0.232	1	Pass
3MHz_Middle_16QAM_15@0	21.59	21.96	0.157	1	Pass
3MHz_Middle_16QAM_8@0	21.76	22.13	0.163	1	Pass
3MHz_Middle_16QAM_8@4	21.63	22.00	0.158	1	Pass
3MHz_Middle_16QAM_8@7	21.71	22.08	0.161	1	Pass
3MHz_High_QPSK_1@0	23.57	23.94	0.248	1	Pass
3MHz_High_QPSK_1@14	23.55	23.92	0.247	1	Pass
3MHz_High_QPSK_1@8	23.72	24.09	0.256	1	Pass
3MHz_High_QPSK_15@0	22.40	22.77	0.189	1	Pass
3MHz_High_QPSK_8@0	22.40	22.77	0.189	1	Pass
3MHz_High_QPSK_8@4	22.31	22.68	0.185	1	Pass
3MHz_High_QPSK_8@7	22.42	22.79	0.190	1	Pass
3MHz_High_16QAM_1@0	22.58	22.95	0.197	1	Pass
3MHz_High_16QAM_1@14	22.53	22.90	0.195	1	Pass
3MHz_High_16QAM_1@8	22.58	22.95	0.197	1	Pass
3MHz_High_16QAM_15@0	21.34	21.71	0.148	1	Pass
3MHz_High_16QAM_8@0	21.43	21.80	0.151	1	Pass
3MHz_High_16QAM_8@4	21.42	21.79	0.151	1	Pass
3MHz_High_16QAM_8@7	21.44	21.81	0.152	1	Pass
5MHz_Low_QPSK_1@0	23.63	24.00	0.251	1	Pass
5MHz_Low_QPSK_1@12	23.57	23.94	0.248	1	Pass
5MHz_Low_QPSK_1@24	23.60	23.97	0.249	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_12@0	22.41	22.78	0.190	1	Pass
5MHz_Low_QPSK_12@13	22.44	22.81	0.191	1	Pass
5MHz_Low_QPSK_12@7	22.35	22.72	0.187	1	Pass
5MHz_Low_QPSK_25@0	22.48	22.85	0.193	1	Pass
5MHz_Low_16QAM_1@0	22.87	23.24	0.211	1	Pass
5MHz_Low_16QAM_1@12	22.89	23.26	0.212	1	Pass
5MHz_Low_16QAM_1@24	22.83	23.20	0.209	1	Pass
5MHz_Low_16QAM_12@0	21.52	21.89	0.155	1	Pass
5MHz_Low_16QAM_12@13	21.40	21.77	0.150	1	Pass
5MHz_Low_16QAM_12@7	21.40	21.77	0.150	1	Pass
5MHz_Low_16QAM_25@0	21.58	21.95	0.157	1	Pass
5MHz_Middle_QPSK_1@0	23.18	23.55	0.226	1	Pass
5MHz_Middle_QPSK_1@12	23.14	23.51	0.224	1	Pass
5MHz_Middle_QPSK_1@24	23.24	23.61	0.230	1	Pass
5MHz_Middle_QPSK_12@0	22.38	22.75	0.188	1	Pass
5MHz_Middle_QPSK_12@13	22.41	22.78	0.190	1	Pass
5MHz_Middle_QPSK_12@7	22.36	22.73	0.187	1	Pass
5MHz_Middle_QPSK_25@0	22.45	22.82	0.191	1	Pass
5MHz_Middle_16QAM_1@0	22.21	22.58	0.181	1	Pass
5MHz_Middle_16QAM_1@12	22.15	22.52	0.179	1	Pass
5MHz_Middle_16QAM_1@24	22.18	22.55	0.180	1	Pass
5MHz_Middle_16QAM_12@0	21.47	21.84	0.153	1	Pass
5MHz_Middle_16QAM_12@13	21.49	21.86	0.153	1	Pass
5MHz_Middle_16QAM_12@7	21.45	21.82	0.152	1	Pass
5MHz_Middle_16QAM_25@0	21.52	21.89	0.155	1	Pass
5MHz_High_QPSK_1@0	23.27	23.64	0.231	1	Pass
5MHz_High_QPSK_1@12	23.27	23.64	0.231	1	Pass
5MHz_High_QPSK_1@24	23.29	23.66	0.232	1	Pass
5MHz_High_QPSK_12@0	22.38	22.75	0.188	1	Pass
5MHz_High_QPSK_12@13	22.39	22.76	0.189	1	Pass
5MHz_High_QPSK_12@7	22.35	22.72	0.187	1	Pass
5MHz_High_QPSK_25@0	22.36	22.73	0.187	1	Pass
5MHz_High_16QAM_1@0	22.18	22.55	0.180	1	Pass
5MHz_High_16QAM_1@12	21.93	22.30	0.170	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_16QAM_1@24	22.03	22.40	0.174	1	Pass
5MHz_High_16QAM_12@0	21.47	21.84	0.153	1	Pass
5MHz_High_16QAM_12@13	21.46	21.83	0.152	1	Pass
5MHz_High_16QAM_12@7	21.43	21.80	0.151	1	Pass
5MHz_High_16QAM_25@0	21.61	21.98	0.158	1	Pass
10MHz_Low_QPSK_1@0	23.65	24.02	0.252	1	Pass
10MHz_Low_QPSK_1@25	23.62	23.99	0.251	1	Pass
10MHz_Low_QPSK_1@49	23.64	24.01	0.252	1	Pass
10MHz_Low_QPSK_25@0	22.47	22.84	0.192	1	Pass
10MHz_Low_QPSK_25@12	22.45	22.82	0.191	1	Pass
10MHz_Low_QPSK_25@25	22.41	22.78	0.190	1	Pass
10MHz_Low_QPSK_50@0	22.30	22.67	0.185	1	Pass
10MHz_Low_16QAM_1@0	23.34	23.71	0.235	1	Pass
10MHz_Low_16QAM_1@25	23.29	23.66	0.232	1	Pass
10MHz_Low_16QAM_1@49	23.39	23.76	0.238	1	Pass
10MHz_Low_16QAM_25@12	21.56	21.93	0.156	1	Pass
10MHz_Low_16QAM_25@25	21.66	22.03	0.160	1	Pass
10MHz_Low_16QAM_50@0	21.51	21.88	0.154	1	Pass
10MHz_Middle_QPSK_1@0	23.27	23.64	0.231	1	Pass
10MHz_Middle_QPSK_1@25	23.33	23.70	0.234	1	Pass
10MHz_Middle_QPSK_1@49	23.46	23.83	0.242	1	Pass
10MHz_Middle_QPSK_25@0	22.49	22.86	0.193	1	Pass
10MHz_Middle_QPSK_25@12	22.40	22.77	0.189	1	Pass
10MHz_Middle_QPSK_25@25	22.52	22.89	0.195	1	Pass
10MHz_Middle_QPSK_50@0	22.43	22.80	0.191	1	Pass
10MHz_Middle_16QAM_1@0	22.53	22.90	0.195	1	Pass
10MHz_Middle_16QAM_1@25	22.58	22.95	0.197	1	Pass
10MHz_Middle_16QAM_1@49	22.66	23.03	0.201	1	Pass
10MHz_Middle_16QAM_25@12	21.59	21.96	0.157	1	Pass
10MHz_Middle_16QAM_25@25	21.58	21.95	0.157	1	Pass
10MHz_Middle_16QAM_50@0	21.54	21.91	0.155	1	Pass
10MHz_High_QPSK_1@0	23.68	24.05	0.254	1	Pass
10MHz_High_QPSK_1@25	23.69	24.06	0.255	1	Pass
10MHz_High_QPSK_1@49	23.67	24.04	0.254	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_25@0	22.40	22.77	0.189	1	Pass
10MHz_High_QPSK_25@12	22.45	22.82	0.191	1	Pass
10MHz_High_QPSK_25@25	22.44	22.81	0.191	1	Pass
10MHz_High_QPSK_50@0	22.54	22.91	0.195	1	Pass
10MHz_High_16QAM_1@0	23.23	23.60	0.229	1	Pass
10MHz_High_16QAM_1@25	23.19	23.56	0.227	1	Pass
10MHz_High_16QAM_1@49	23.12	23.49	0.223	1	Pass
10MHz_High_16QAM_25@12	21.61	21.98	0.158	1	Pass
10MHz_High_16QAM_25@25	21.58	21.95	0.157	1	Pass
10MHz_High_16QAM_50@0	21.56	21.93	0.156	1	Pass
15MHz_Low_QPSK_1@0	23.66	24.03	0.253	1	Pass
15MHz_Low_QPSK_1@37	23.60	23.97	0.249	1	Pass
15MHz_Low_QPSK_1@74	23.60	23.97	0.249	1	Pass
15MHz_Low_QPSK_36@0	22.46	22.83	0.192	1	Pass
15MHz_Low_QPSK_36@20	22.36	22.73	0.187	1	Pass
15MHz_Low_QPSK_36@39	22.38	22.75	0.188	1	Pass
15MHz_Low_QPSK_75@0	22.45	22.82	0.191	1	Pass
15MHz_Low_16QAM_1@0	23.31	23.68	0.233	1	Pass
15MHz_Low_16QAM_1@37	23.28	23.65	0.232	1	Pass
15MHz_Low_16QAM_1@74	23.41	23.78	0.239	1	Pass
15MHz_Low_16QAM_36@0	21.46	21.83	0.152	1	Pass
15MHz_Low_16QAM_36@20	21.55	21.92	0.156	1	Pass
15MHz_Low_16QAM_36@39	21.53	21.90	0.155	1	Pass
15MHz_Low_16QAM_75@0	21.44	21.81	0.152	1	Pass
15MHz_Middle_QPSK_1@0	23.15	23.52	0.225	1	Pass
15MHz_Middle_QPSK_1@37	23.27	23.64	0.231	1	Pass
15MHz_Middle_QPSK_1@74	23.25	23.62	0.230	1	Pass
15MHz_Middle_QPSK_36@0	22.27	22.64	0.184	1	Pass
15MHz_Middle_QPSK_36@20	22.29	22.66	0.185	1	Pass
15MHz_Middle_QPSK_36@39	22.31	22.68	0.185	1	Pass
15MHz_Middle_QPSK_75@0	22.36	22.73	0.187	1	Pass
15MHz_Middle_16QAM_1@0	23.18	23.55	0.226	1	Pass
15MHz_Middle_16QAM_1@37	23.20	23.57	0.228	1	Pass
15MHz_Middle_16QAM_1@74	23.14	23.51	0.224	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_16QAM_36@0	21.43	21.80	0.151	1	Pass
15MHz_Middle_16QAM_36@20	21.45	21.82	0.152	1	Pass
15MHz_Middle_16QAM_36@39	21.49	21.86	0.153	1	Pass
15MHz_Middle_16QAM_75@0	21.55	21.92	0.156	1	Pass
15MHz_High_QPSK_1@0	23.63	24.00	0.251	1	Pass
15MHz_High_QPSK_1@37	23.64	24.01	0.252	1	Pass
15MHz_High_QPSK_1@74	23.61	23.98	0.250	1	Pass
15MHz_High_QPSK_36@0	22.37	22.74	0.188	1	Pass
15MHz_High_QPSK_36@20	22.39	22.76	0.189	1	Pass
15MHz_High_QPSK_36@39	22.40	22.77	0.189	1	Pass
15MHz_High_QPSK_75@0	22.37	22.74	0.188	1	Pass
15MHz_High_16QAM_1@0	23.14	23.51	0.224	1	Pass
15MHz_High_16QAM_1@37	23.16	23.53	0.225	1	Pass
15MHz_High_16QAM_1@74	23.15	23.52	0.225	1	Pass
15MHz_High_16QAM_36@0	21.50	21.87	0.154	1	Pass
15MHz_High_16QAM_36@20	21.47	21.84	0.153	1	Pass
15MHz_High_16QAM_36@39	21.55	21.92	0.156	1	Pass
15MHz_High_16QAM_75@0	21.56	21.93	0.156	1	Pass
20MHz_Low_QPSK_1@0	23.34	23.71	0.235	1	Pass
20MHz_Low_QPSK_1@49	23.32	23.69	0.234	1	Pass
20MHz_Low_QPSK_1@99	23.37	23.74	0.237	1	Pass
20MHz_Low_QPSK_100@0	22.36	22.73	0.187	1	Pass
20MHz_Low_QPSK_50@0	22.38	22.75	0.188	1	Pass
20MHz_Low_QPSK_50@24	22.34	22.71	0.187	1	Pass
20MHz_Low_QPSK_50@50	22.36	22.73	0.187	1	Pass
20MHz_Low_16QAM_1@0	22.65	23.02	0.200	1	Pass
20MHz_Low_16QAM_1@49	22.55	22.92	0.196	1	Pass
20MHz_Low_16QAM_1@99	22.59	22.96	0.198	1	Pass
20MHz_Low_16QAM_100@0	21.50	21.87	0.154	1	Pass
20MHz_Low_16QAM_50@0	21.53	21.90	0.155	1	Pass
20MHz_Low_16QAM_50@24	21.53	21.90	0.155	1	Pass
20MHz_Low_16QAM_50@50	21.59	21.96	0.157	1	Pass
20MHz_Middle_QPSK_1@0	23.20	23.57	0.228	1	Pass
20MHz_Middle_QPSK_1@49	23.23	23.60	0.229	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_QPSK_1@99	23.38	23.75	0.237	1	Pass
20MHz_Middle_QPSK_100@0	22.43	22.80	0.191	1	Pass
20MHz_Middle_QPSK_50@0	22.29	22.66	0.185	1	Pass
20MHz_Middle_QPSK_50@24	22.42	22.79	0.190	1	Pass
20MHz_Middle_QPSK_50@50	22.49	22.86	0.193	1	Pass
20MHz_Middle_16QAM_1@0	22.61	22.98	0.199	1	Pass
20MHz_Middle_16QAM_1@49	22.61	22.98	0.199	1	Pass
20MHz_Middle_16QAM_1@99	22.62	22.99	0.199	1	Pass
20MHz_Middle_16QAM_100@0	21.47	21.84	0.153	1	Pass
20MHz_Middle_16QAM_50@0	21.31	21.68	0.147	1	Pass
20MHz_Middle_16QAM_50@24	21.41	21.78	0.151	1	Pass
20MHz_Middle_16QAM_50@50	21.44	21.81	0.152	1	Pass
20MHz_High_QPSK_1@0	23.63	24.00	0.251	1	Pass
20MHz_High_QPSK_1@49	23.59	23.96	0.249	1	Pass
20MHz_High_QPSK_1@99	23.56	23.93	0.247	1	Pass
20MHz_High_QPSK_100@0	22.43	22.80	0.191	1	Pass
20MHz_High_QPSK_50@0	22.46	22.83	0.192	1	Pass
20MHz_High_QPSK_50@24	22.39	22.76	0.189	1	Pass
20MHz_High_QPSK_50@50	22.48	22.85	0.193	1	Pass
20MHz_High_16QAM_1@0	22.87	23.24	0.211	1	Pass
20MHz_High_16QAM_1@49	22.89	23.26	0.212	1	Pass
20MHz_High_16QAM_1@99	22.90	23.27	0.212	1	Pass
20MHz_High_16QAM_100@0	21.56	21.93	0.156	1	Pass
20MHz_High_16QAM_50@0	21.52	21.89	0.155	1	Pass
20MHz_High_16QAM_50@24	21.55	21.92	0.156	1	Pass
20MHz_High_16QAM_50@50	21.60	21.97	0.157	1	Pass

Note:

$EIRP = \text{Average Conducted Power(dBm)} - L_C(dB) + G_T(dBi)$

1.Ant Gain = 0.37dBi;

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

FCC Part 27 & IC RSS 199**B7, Normal**

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	22.58	22.91	0.195	2	Pass
5MHz_Low_QPSK_1@12	22.54	22.87	0.194	2	Pass
5MHz_Low_QPSK_1@24	22.59	22.92	0.196	2	Pass
5MHz_Low_QPSK_12@0	21.46	21.79	0.151	2	Pass
5MHz_Low_QPSK_12@13	21.44	21.77	0.150	2	Pass
5MHz_Low_QPSK_12@7	21.40	21.73	0.149	2	Pass
5MHz_Low_QPSK_25@0	21.43	21.76	0.150	2	Pass
5MHz_Low_16QAM_1@0	22.08	22.41	0.174	2	Pass
5MHz_Low_16QAM_1@12	22.06	22.39	0.173	2	Pass
5MHz_Low_16QAM_1@24	22.09	22.42	0.175	2	Pass
5MHz_Low_16QAM_12@0	20.52	20.85	0.122	2	Pass
5MHz_Low_16QAM_12@13	20.54	20.87	0.122	2	Pass
5MHz_Low_16QAM_12@7	20.52	20.85	0.122	2	Pass
5MHz_Low_16QAM_25@0	20.75	21.08	0.128	2	Pass
5MHz_Middle_QPSK_1@0	22.24	22.57	0.181	2	Pass
5MHz_Middle_QPSK_1@12	22.27	22.60	0.182	2	Pass
5MHz_Middle_QPSK_1@24	22.29	22.62	0.183	2	Pass
5MHz_Middle_QPSK_12@0	21.58	21.91	0.155	2	Pass
5MHz_Middle_QPSK_12@13	21.70	22.03	0.160	2	Pass
5MHz_Middle_QPSK_12@7	21.70	22.03	0.160	2	Pass
5MHz_Middle_QPSK_25@0	21.58	21.91	0.155	2	Pass
5MHz_Middle_16QAM_1@0	21.95	22.28	0.169	2	Pass
5MHz_Middle_16QAM_1@12	21.95	22.28	0.169	2	Pass
5MHz_Middle_16QAM_1@24	21.94	22.27	0.169	2	Pass
5MHz_Middle_16QAM_12@0	20.63	20.96	0.125	2	Pass
5MHz_Middle_16QAM_12@13	20.64	20.97	0.125	2	Pass
5MHz_Middle_16QAM_12@7	20.71	21.04	0.127	2	Pass
5MHz_Middle_16QAM_25@0	20.64	20.97	0.125	2	Pass
5MHz_High_QPSK_1@0	22.22	22.55	0.180	2	Pass
5MHz_High_QPSK_1@12	22.49	22.82	0.191	2	Pass
5MHz_High_QPSK_1@24	21.75	22.08	0.161	2	Pass
5MHz_High_QPSK_12@0	21.73	22.06	0.161	2	Pass
5MHz_High_QPSK_12@13	21.75	22.08	0.161	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_QPSK_12@7	21.72	22.05	0.160	2	Pass
5MHz_High_QPSK_25@0	21.79	22.12	0.163	2	Pass
5MHz_High_16QAM_1@0	21.97	22.30	0.170	2	Pass
5MHz_High_16QAM_1@12	21.79	22.12	0.163	2	Pass
5MHz_High_16QAM_1@24	21.63	21.96	0.157	2	Pass
5MHz_High_16QAM_12@0	20.83	21.16	0.131	2	Pass
5MHz_High_16QAM_12@13	20.80	21.13	0.130	2	Pass
5MHz_High_16QAM_12@7	20.80	21.13	0.130	2	Pass
5MHz_High_16QAM_25@0	21	21.33	0.136	2	Pass
10MHz_Low_QPSK_1@0	22.56	22.89	0.195	2	Pass
10MHz_Low_QPSK_1@25	22.56	22.89	0.195	2	Pass
10MHz_Low_QPSK_1@49	22.56	22.89	0.195	2	Pass
10MHz_Low_QPSK_25@0	21.44	21.77	0.150	2	Pass
10MHz_Low_QPSK_25@12	21.56	21.89	0.155	2	Pass
10MHz_Low_QPSK_25@25	21.48	21.81	0.152	2	Pass
10MHz_Low_QPSK_50@0	21.49	21.82	0.152	2	Pass
10MHz_Low_16QAM_1@0	22.27	22.60	0.182	2	Pass
10MHz_Low_16QAM_1@25	22.22	22.55	0.180	2	Pass
10MHz_Low_16QAM_1@49	22.23	22.56	0.180	2	Pass
10MHz_Low_16QAM_25@12	20.67	21.00	0.126	2	Pass
10MHz_Low_16QAM_25@25	20.61	20.94	0.124	2	Pass
10MHz_Low_16QAM_50@0	20.61	20.94	0.124	2	Pass
10MHz_Middle_QPSK_1@0	22.69	23.02	0.200	2	Pass
10MHz_Middle_QPSK_1@25	22.71	23.04	0.201	2	Pass
10MHz_Middle_QPSK_1@49	22.64	22.97	0.198	2	Pass
10MHz_Middle_QPSK_25@0	21.58	21.91	0.155	2	Pass
10MHz_Middle_QPSK_25@12	21.68	22.01	0.159	2	Pass
10MHz_Middle_QPSK_25@25	21.59	21.92	0.156	2	Pass
10MHz_Middle_QPSK_50@0	21.65	21.98	0.158	2	Pass
10MHz_Middle_16QAM_1@0	21.99	22.32	0.171	2	Pass
10MHz_Middle_16QAM_1@25	22.05	22.38	0.173	2	Pass
10MHz_Middle_16QAM_1@49	22.07	22.40	0.174	2	Pass
10MHz_Middle_16QAM_25@12	20.77	21.10	0.129	2	Pass
10MHz_Middle_16QAM_25@25	20.77	21.10	0.129	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_50@0	20.77	21.10	0.129	2	Pass
10MHz_High_QPSK_1@0	22.26	22.59	0.182	2	Pass
10MHz_High_QPSK_1@25	22.50	22.83	0.192	2	Pass
10MHz_High_QPSK_1@49	22.15	22.48	0.177	2	Pass
10MHz_High_QPSK_25@0	21.81	22.14	0.164	2	Pass
10MHz_High_QPSK_25@12	21.94	22.27	0.169	2	Pass
10MHz_High_QPSK_25@25	21.76	22.09	0.162	2	Pass
10MHz_High_QPSK_50@0	21.97	22.30	0.170	2	Pass
10MHz_High_16QAM_1@0	21.93	22.26	0.168	2	Pass
10MHz_High_16QAM_1@25	22.21	22.54	0.179	2	Pass
10MHz_High_16QAM_1@49	21.79	22.12	0.163	2	Pass
10MHz_High_16QAM_25@12	21.02	21.35	0.136	2	Pass
10MHz_High_16QAM_25@25	21	21.33	0.136	2	Pass
10MHz_High_16QAM_50@0	21.10	21.43	0.139	2	Pass
15MHz_Low_QPSK_1@0	22.57	22.90	0.195	2	Pass
15MHz_Low_QPSK_1@37	22.54	22.87	0.194	2	Pass
15MHz_Low_QPSK_1@74	22.58	22.91	0.195	2	Pass
15MHz_Low_QPSK_36@0	21.44	21.77	0.150	2	Pass
15MHz_Low_QPSK_36@20	21.45	21.78	0.151	2	Pass
15MHz_Low_QPSK_36@39	21.44	21.77	0.150	2	Pass
15MHz_Low_QPSK_75@0	21.47	21.80	0.151	2	Pass
15MHz_Low_16QAM_1@0	22.67	23.00	0.200	2	Pass
15MHz_Low_16QAM_1@37	22.54	22.87	0.194	2	Pass
15MHz_Low_16QAM_1@74	22.59	22.92	0.196	2	Pass
15MHz_Low_16QAM_36@0	20.66	20.99	0.126	2	Pass
15MHz_Low_16QAM_36@20	20.58	20.91	0.123	2	Pass
15MHz_Low_16QAM_36@39	20.59	20.92	0.124	2	Pass
15MHz_Low_16QAM_75@0	20.46	20.79	0.120	2	Pass
15MHz_Middle_QPSK_1@0	22.70	23.03	0.201	2	Pass
15MHz_Middle_QPSK_1@37	22.72	23.05	0.202	2	Pass
15MHz_Middle_QPSK_1@74	22.66	22.99	0.199	2	Pass
15MHz_Middle_QPSK_36@0	21.47	21.80	0.151	2	Pass
15MHz_Middle_QPSK_36@20	21.65	21.98	0.158	2	Pass
15MHz_Middle_QPSK_36@39	21.52	21.85	0.153	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_75@0	21.65	21.98	0.158	2	Pass
15MHz_Middle_16QAM_1@0	22.79	23.12	0.205	2	Pass
15MHz_Middle_16QAM_1@37	22.90	23.23	0.210	2	Pass
15MHz_Middle_16QAM_1@74	22.85	23.18	0.208	2	Pass
15MHz_Middle_16QAM_36@0	20.62	20.95	0.124	2	Pass
15MHz_Middle_16QAM_36@20	20.71	21.04	0.127	2	Pass
15MHz_Middle_16QAM_36@39	20.65	20.98	0.125	2	Pass
15MHz_Middle_16QAM_75@0	20.59	20.92	0.124	2	Pass
15MHz_High_QPSK_1@0	22.69	23.02	0.200	2	Pass
15MHz_High_QPSK_1@37	22.81	23.14	0.206	2	Pass
15MHz_High_QPSK_1@74	22.52	22.85	0.193	2	Pass
15MHz_High_QPSK_36@0	21.69	22.02	0.159	2	Pass
15MHz_High_QPSK_36@20	21.69	22.02	0.159	2	Pass
15MHz_High_QPSK_36@39	21.77	22.10	0.162	2	Pass
15MHz_High_QPSK_75@0	21.72	22.05	0.160	2	Pass
15MHz_High_16QAM_1@0	22.52	22.85	0.193	2	Pass
15MHz_High_16QAM_1@37	22.32	22.65	0.184	2	Pass
15MHz_High_16QAM_1@74	22.02	22.35	0.172	2	Pass
15MHz_High_16QAM_36@0	20.74	21.07	0.128	2	Pass
15MHz_High_16QAM_36@20	20.83	21.16	0.131	2	Pass
15MHz_High_16QAM_36@39	20.90	21.23	0.133	2	Pass
15MHz_High_16QAM_75@0	20.88	21.21	0.132	2	Pass
20MHz_Low_QPSK_1@0	22.45	22.78	0.190	2	Pass
20MHz_Low_QPSK_1@49	22.37	22.70	0.186	2	Pass
20MHz_Low_QPSK_1@99	22.53	22.86	0.193	2	Pass
20MHz_Low_QPSK_100@0	21.43	21.76	0.150	2	Pass
20MHz_Low_QPSK_50@0	21.52	21.85	0.153	2	Pass
20MHz_Low_QPSK_50@24	21.50	21.83	0.152	2	Pass
20MHz_Low_QPSK_50@50	21.55	21.88	0.154	2	Pass
20MHz_Low_16QAM_1@0	22.03	22.36	0.172	2	Pass
20MHz_Low_16QAM_1@49	22.10	22.43	0.175	2	Pass
20MHz_Low_16QAM_1@99	22.09	22.42	0.175	2	Pass
20MHz_Low_16QAM_100@0	20.60	20.93	0.124	2	Pass
20MHz_Low_16QAM_50@0	20.64	20.97	0.125	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_50@24	20.64	20.97	0.125	2	Pass
20MHz_Low_16QAM_50@50	20.57	20.90	0.123	2	Pass
20MHz_Middle_QPSK_1@0	22.51	22.84	0.192	2	Pass
20MHz_Middle_QPSK_1@49	22.64	22.97	0.198	2	Pass
20MHz_Middle_QPSK_1@99	22.64	22.97	0.198	2	Pass
20MHz_Middle_QPSK_100@0	21.68	22.01	0.159	2	Pass
20MHz_Middle_QPSK_50@0	21.51	21.84	0.153	2	Pass
20MHz_Middle_QPSK_50@24	21.65	21.98	0.158	2	Pass
20MHz_Middle_QPSK_50@50	21.72	22.05	0.160	2	Pass
20MHz_Middle_16QAM_1@0	22.55	22.88	0.194	2	Pass
20MHz_Middle_16QAM_1@49	22.58	22.91	0.195	2	Pass
20MHz_Middle_16QAM_1@99	22.75	23.08	0.203	2	Pass
20MHz_Middle_16QAM_100@0	20.63	20.96	0.125	2	Pass
20MHz_Middle_16QAM_50@0	20.68	21.01	0.126	2	Pass
20MHz_Middle_16QAM_50@24	20.69	21.02	0.126	2	Pass
20MHz_Middle_16QAM_50@50	20.70	21.03	0.127	2	Pass
20MHz_High_QPSK_1@0	22.40	22.73	0.187	2	Pass
20MHz_High_QPSK_1@49	22.43	22.76	0.189	2	Pass
20MHz_High_QPSK_1@99	22.56	22.89	0.195	2	Pass
20MHz_High_QPSK_100@0	21.78	22.11	0.163	2	Pass
20MHz_High_QPSK_50@0	21.63	21.96	0.157	2	Pass
20MHz_High_QPSK_50@24	21.68	22.01	0.159	2	Pass
20MHz_High_QPSK_50@50	21.90	22.23	0.167	2	Pass
20MHz_High_16QAM_1@0	22.11	22.44	0.175	2	Pass
20MHz_High_16QAM_1@49	22.05	22.38	0.173	2	Pass
20MHz_High_16QAM_1@99	22.21	22.54	0.179	2	Pass
20MHz_High_16QAM_100@0	20.77	21.10	0.129	2	Pass
20MHz_High_16QAM_50@0	20.74	21.07	0.128	2	Pass
20MHz_High_16QAM_50@24	20.63	20.96	0.125	2	Pass
20MHz_High_16QAM_50@50	21	21.33	0.136	2	Pass

Note:

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

1.Ant Gain = 0.33dBi;

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

FCC Part 27N & IC RSS 130

B71, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	23.97	19.39	0.087	3	Pass
5MHz_Low_QPSK_1@12	24.03	19.45	0.088	3	Pass
5MHz_Low_QPSK_1@24	23.95	19.37	0.086	3	Pass
5MHz_Low_QPSK_12@0	23.08	18.50	0.071	3	Pass
5MHz_Low_QPSK_12@13	22.99	18.41	0.069	3	Pass
5MHz_Low_QPSK_12@7	23.12	18.54	0.071	3	Pass
5MHz_Low_QPSK_25@0	23.04	18.46	0.070	3	Pass
5MHz_Low_16QAM_1@0	23.27	18.69	0.074	3	Pass
5MHz_Low_16QAM_1@12	23.31	18.73	0.075	3	Pass
5MHz_Low_16QAM_1@24	23.24	18.66	0.073	3	Pass
5MHz_Low_16QAM_12@0	22.47	17.89	0.062	3	Pass
5MHz_Low_16QAM_12@13	22.58	18.00	0.063	3	Pass
5MHz_Low_16QAM_12@7	22.55	17.97	0.063	3	Pass
5MHz_Low_16QAM_25@0	22.65	18.07	0.064	3	Pass
5MHz_Middle_QPSK_1@0	23.94	19.36	0.086	3	Pass
5MHz_Middle_QPSK_1@12	23.85	19.27	0.085	3	Pass
5MHz_Middle_QPSK_1@24	23.97	19.39	0.087	3	Pass
5MHz_Middle_QPSK_12@0	22.99	18.41	0.069	3	Pass
5MHz_Middle_QPSK_12@13	23	18.42	0.070	3	Pass
5MHz_Middle_QPSK_12@7	22.95	18.37	0.069	3	Pass
5MHz_Middle_QPSK_25@0	23.12	18.54	0.071	3	Pass
5MHz_Middle_16QAM_1@0	22.68	18.10	0.065	3	Pass
5MHz_Middle_16QAM_1@12	22.57	17.99	0.063	3	Pass
5MHz_Middle_16QAM_1@24	22.63	18.05	0.064	3	Pass
5MHz_Middle_16QAM_12@0	22.08	17.50	0.056	3	Pass
5MHz_Middle_16QAM_12@13	22.54	17.96	0.063	3	Pass
5MHz_Middle_16QAM_12@7	22.05	17.47	0.056	3	Pass
5MHz_Middle_16QAM_25@0	22.24	17.66	0.058	3	Pass
5MHz_High_QPSK_1@0	24.12	19.54	0.090	3	Pass
5MHz_High_QPSK_1@12	24.20	19.62	0.092	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_QPSK_1@24	24.10	19.52	0.090	3	Pass
5MHz_High_QPSK_12@0	23.06	18.48	0.070	3	Pass
5MHz_High_QPSK_12@13	22.95	18.37	0.069	3	Pass
5MHz_High_QPSK_12@7	22.96	18.38	0.069	3	Pass
5MHz_High_QPSK_25@0	23.06	18.48	0.070	3	Pass
5MHz_High_16QAM_1@0	22.99	18.41	0.069	3	Pass
5MHz_High_16QAM_1@12	22.94	18.36	0.069	3	Pass
5MHz_High_16QAM_1@24	23.04	18.46	0.070	3	Pass
5MHz_High_16QAM_12@0	22.06	17.48	0.056	3	Pass
5MHz_High_16QAM_12@13	22.06	17.48	0.056	3	Pass
5MHz_High_16QAM_12@7	22.08	17.50	0.056	3	Pass
5MHz_High_16QAM_25@0	22.22	17.64	0.058	3	Pass
10MHz_Low_QPSK_1@0	24.19	19.61	0.091	3	Pass
10MHz_Low_QPSK_1@25	24.10	19.52	0.090	3	Pass
10MHz_Low_QPSK_1@49	24.19	19.61	0.091	3	Pass
10MHz_Low_QPSK_25@0	23.04	18.46	0.070	3	Pass
10MHz_Low_QPSK_25@12	22.94	18.36	0.069	3	Pass
10MHz_Low_QPSK_25@25	22.89	18.31	0.068	3	Pass
10MHz_Low_QPSK_50@0	23	18.42	0.070	3	Pass
10MHz_Low_16QAM_1@0	23.95	19.37	0.086	3	Pass
10MHz_Low_16QAM_1@25	24	19.42	0.087	3	Pass
10MHz_Low_16QAM_1@49	23.91	19.33	0.086	3	Pass
10MHz_Low_16QAM_25@12	22.65	18.07	0.064	3	Pass
10MHz_Low_16QAM_25@25	22.68	18.10	0.065	3	Pass
10MHz_Low_16QAM_50@0	22.58	18.00	0.063	3	Pass
10MHz_Middle_QPSK_1@0	24.04	19.46	0.088	3	Pass
10MHz_Middle_QPSK_1@25	24.07	19.49	0.089	3	Pass
10MHz_Middle_QPSK_1@49	24.03	19.45	0.088	3	Pass
10MHz_Middle_QPSK_25@0	23.01	18.43	0.070	3	Pass
10MHz_Middle_QPSK_25@12	23.11	18.53	0.071	3	Pass
10MHz_Middle_QPSK_25@25	23.10	18.52	0.071	3	Pass
10MHz_Middle_QPSK_50@0	23.12	18.54	0.071	3	Pass
10MHz_Middle_16QAM_1@0	22.94	18.36	0.069	3	Pass
10MHz_Middle_16QAM_1@25	22.84	18.26	0.067	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@49	22.88	18.30	0.068	3	Pass
10MHz_Middle_16QAM_25@12	22.24	17.66	0.058	3	Pass
10MHz_Middle_16QAM_25@25	22.69	18.11	0.065	3	Pass
10MHz_Middle_16QAM_50@0	22.16	17.58	0.057	3	Pass
10MHz_High_QPSK_1@0	24.09	19.51	0.089	3	Pass
10MHz_High_QPSK_1@25	24.14	19.56	0.090	3	Pass
10MHz_High_QPSK_1@49	24.22	19.64	0.092	3	Pass
10MHz_High_QPSK_25@0	23.24	18.66	0.073	3	Pass
10MHz_High_QPSK_25@12	22.95	18.37	0.069	3	Pass
10MHz_High_QPSK_25@25	23.09	18.51	0.071	3	Pass
10MHz_High_QPSK_50@0	23.14	18.56	0.072	3	Pass
10MHz_High_16QAM_1@0	23.68	19.10	0.081	3	Pass
10MHz_High_16QAM_1@25	23.70	19.12	0.082	3	Pass
10MHz_High_16QAM_1@49	23.62	19.04	0.080	3	Pass
10MHz_High_16QAM_25@12	22.17	17.59	0.057	3	Pass
10MHz_High_16QAM_25@25	22.20	17.62	0.058	3	Pass
10MHz_High_16QAM_50@0	22.05	17.47	0.056	3	Pass
15MHz_Low_QPSK_1@0	24.20	19.62	0.092	3	Pass
15MHz_Low_QPSK_1@37	24.18	19.60	0.091	3	Pass
15MHz_Low_QPSK_1@74	24.29	19.71	0.094	3	Pass
15MHz_Low_QPSK_36@0	22.93	18.35	0.068	3	Pass
15MHz_Low_QPSK_36@20	23.03	18.45	0.070	3	Pass
15MHz_Low_QPSK_36@39	23.09	18.51	0.071	3	Pass
15MHz_Low_QPSK_75@0	22.94	18.36	0.069	3	Pass
15MHz_Low_16QAM_1@0	23.96	19.38	0.087	3	Pass
15MHz_Low_16QAM_1@37	23.95	19.37	0.086	3	Pass
15MHz_Low_16QAM_1@74	24.03	19.45	0.088	3	Pass
15MHz_Low_16QAM_36@0	22.60	18.02	0.063	3	Pass
15MHz_Low_16QAM_36@20	22.66	18.08	0.064	3	Pass
15MHz_Low_16QAM_36@39	22.14	17.56	0.057	3	Pass
15MHz_Low_16QAM_75@0	22.52	17.94	0.062	3	Pass
15MHz_Middle_QPSK_1@0	24.53	19.95	0.099	3	Pass
15MHz_Middle_QPSK_1@37	24.15	19.57	0.091	3	Pass
15MHz_Middle_QPSK_1@74	24.20	19.62	0.092	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_36@0	23.04	18.46	0.070	3	Pass
15MHz_Middle_QPSK_36@20	22.97	18.39	0.069	3	Pass
15MHz_Middle_QPSK_36@39	23.07	18.49	0.071	3	Pass
15MHz_Middle_QPSK_75@0	22.97	18.39	0.069	3	Pass
15MHz_Middle_16QAM_1@0	23.42	18.84	0.077	3	Pass
15MHz_Middle_16QAM_1@37	23.45	18.87	0.077	3	Pass
15MHz_Middle_16QAM_1@74	23.47	18.89	0.077	3	Pass
15MHz_Middle_16QAM_36@0	22.66	18.08	0.064	3	Pass
15MHz_Middle_16QAM_36@20	22.19	17.61	0.058	3	Pass
15MHz_Middle_16QAM_36@39	22.12	17.54	0.057	3	Pass
15MHz_Middle_16QAM_75@0	22.07	17.49	0.056	3	Pass
15MHz_High_QPSK_1@0	22.97	18.39	0.069	3	Pass
15MHz_High_QPSK_1@37	24.45	19.87	0.097	3	Pass
15MHz_High_QPSK_1@74	24.14	19.56	0.090	3	Pass
15MHz_High_QPSK_36@0	23.12	18.54	0.071	3	Pass
15MHz_High_QPSK_36@20	23.14	18.56	0.072	3	Pass
15MHz_High_QPSK_36@39	23.06	18.48	0.070	3	Pass
15MHz_High_QPSK_75@0	23.26	18.68	0.074	3	Pass
15MHz_High_16QAM_1@0	23.88	19.30	0.085	3	Pass
15MHz_High_16QAM_1@37	24.02	19.44	0.088	3	Pass
15MHz_High_16QAM_1@74	23.94	19.36	0.086	3	Pass
15MHz_High_16QAM_36@0	22.11	17.53	0.057	3	Pass
15MHz_High_16QAM_36@20	22.59	18.01	0.063	3	Pass
15MHz_High_16QAM_36@39	22.12	17.54	0.057	3	Pass
15MHz_High_16QAM_75@0	22.64	18.06	0.064	3	Pass
20MHz_Low_QPSK_1@0	24.10	19.52	0.090	3	Pass
20MHz_Low_QPSK_1@49	24.09	19.51	0.089	3	Pass
20MHz_Low_QPSK_1@99	24.33	19.75	0.094	3	Pass
20MHz_Low_QPSK_100@0	23.04	18.46	0.070	3	Pass
20MHz_Low_QPSK_50@0	23.08	18.50	0.071	3	Pass
20MHz_Low_QPSK_50@24	23.01	18.43	0.070	3	Pass
20MHz_Low_QPSK_50@50	23.02	18.44	0.070	3	Pass
20MHz_Low_16QAM_1@0	23.16	18.58	0.072	3	Pass
20MHz_Low_16QAM_1@49	23.24	18.66	0.073	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_1@99	23.30	18.72	0.074	3	Pass
20MHz_Low_16QAM_100@0	22.08	17.50	0.056	3	Pass
20MHz_Low_16QAM_50@0	22.53	17.95	0.062	3	Pass
20MHz_Low_16QAM_50@24	22.03	17.45	0.056	3	Pass
20MHz_Low_16QAM_50@50	22.64	18.06	0.064	3	Pass
20MHz_Middle_QPSK_1@0	24.35	19.77	0.095	3	Pass
20MHz_Middle_QPSK_1@49	24.33	19.75	0.094	3	Pass
20MHz_Middle_QPSK_1@99	24.46	19.88	0.097	3	Pass
20MHz_Middle_QPSK_100@0	23.07	18.49	0.071	3	Pass
20MHz_Middle_QPSK_50@0	23.13	18.55	0.072	3	Pass
20MHz_Middle_QPSK_50@24	23.05	18.47	0.070	3	Pass
20MHz_Middle_QPSK_50@50	23	18.42	0.070	3	Pass
20MHz_Middle_16QAM_1@0	22.92	18.34	0.068	3	Pass
20MHz_Middle_16QAM_1@49	22.88	18.30	0.068	3	Pass
20MHz_Middle_16QAM_1@99	23.05	18.47	0.070	3	Pass
20MHz_Middle_16QAM_100@0	22.20	17.62	0.058	3	Pass
20MHz_Middle_16QAM_50@0	22.02	17.44	0.055	3	Pass
20MHz_Middle_16QAM_50@24	22.10	17.52	0.056	3	Pass
20MHz_Middle_16QAM_50@50	21.99	17.41	0.055	3	Pass
20MHz_High_QPSK_1@0	24.19	19.61	0.091	3	Pass
20MHz_High_QPSK_1@49	24.24	19.66	0.092	3	Pass
20MHz_High_QPSK_1@99	24.33	19.75	0.094	3	Pass
20MHz_High_QPSK_100@0	22.98	18.40	0.069	3	Pass
20MHz_High_QPSK_50@0	23.13	18.55	0.072	3	Pass
20MHz_High_QPSK_50@24	22.98	18.40	0.069	3	Pass
20MHz_High_QPSK_50@50	23.07	18.49	0.071	3	Pass
20MHz_High_16QAM_1@0	23.10	18.52	0.071	3	Pass
20MHz_High_16QAM_1@49	23.09	18.51	0.071	3	Pass
20MHz_High_16QAM_1@99	23.25	18.67	0.074	3	Pass
20MHz_High_16QAM_100@0	21.99	17.41	0.055	3	Pass
20MHz_High_16QAM_50@0	22.09	17.51	0.056	3	Pass
20MHz_High_16QAM_50@24	22.12	17.54	0.057	3	Pass
20MHz_High_16QAM_50@50	22.09	17.51	0.056	3	Pass

Note:

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

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -2.43dBi;

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

Peak-to-average Ratio (PAR)

FCC Part 22H & IC RSS 132

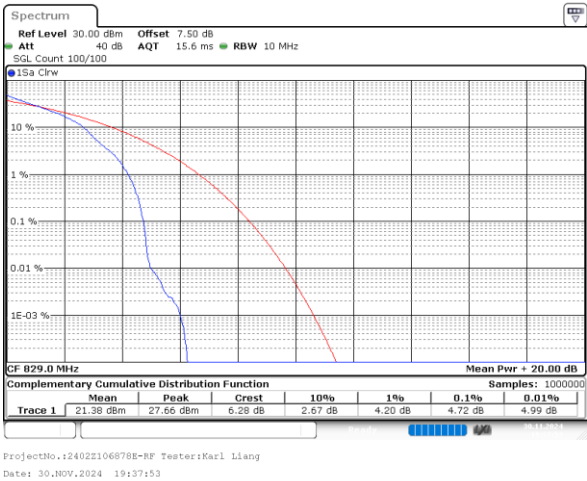
B5, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.72	13
10MHz_Low_QPSK_50@0	5.13	13
10MHz_Low_16QAM_1@0	5.25	13
10MHz_Low_16QAM_50@0	5.94	13
10MHz_Middle_QPSK_1@0	4.43	13
10MHz_Middle_QPSK_50@0	4.75	13
10MHz_Middle_16QAM_1@0	4.90	13
10MHz_Middle_16QAM_50@0	5.57	13
10MHz_High_QPSK_1@0	4.38	13
10MHz_High_QPSK_50@0	5.22	13
10MHz_High_16QAM_1@0	5.25	13
10MHz_High_16QAM_50@0	6.03	13

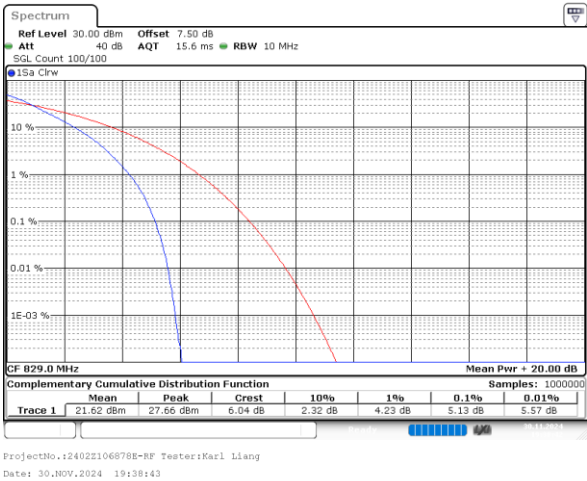
Note:worst case.

B5, Normal

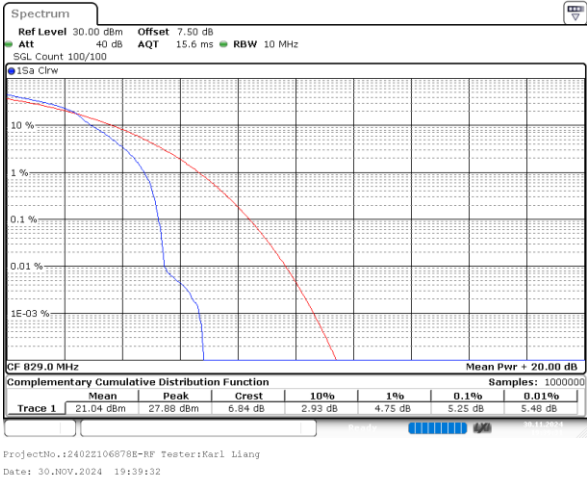
10MHz_Low_QPSK_1@0



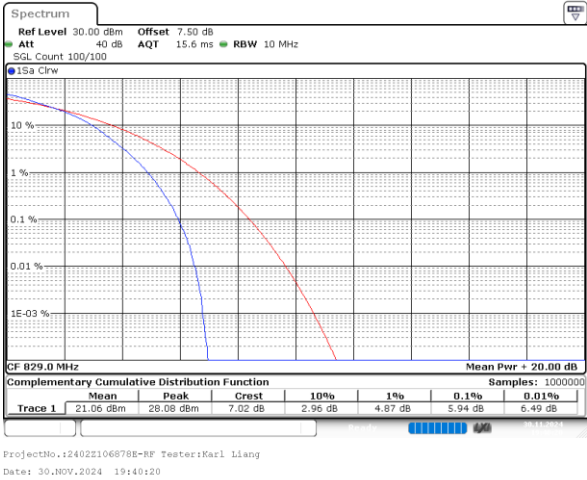
10MHz_Low_QPSK_50@0



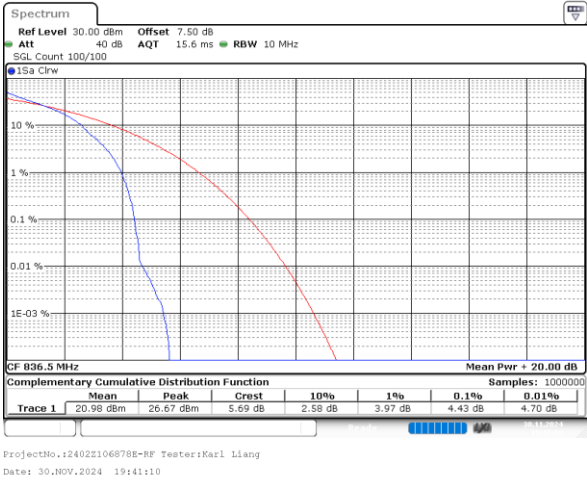
10MHz_Low_16QAM_1@0



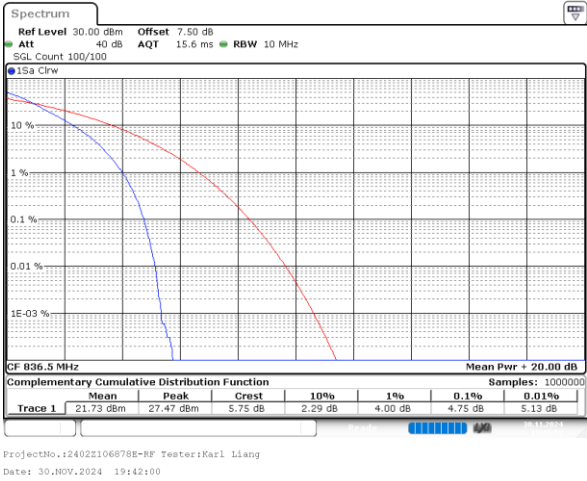
10MHz_Low_16QAM_50@0



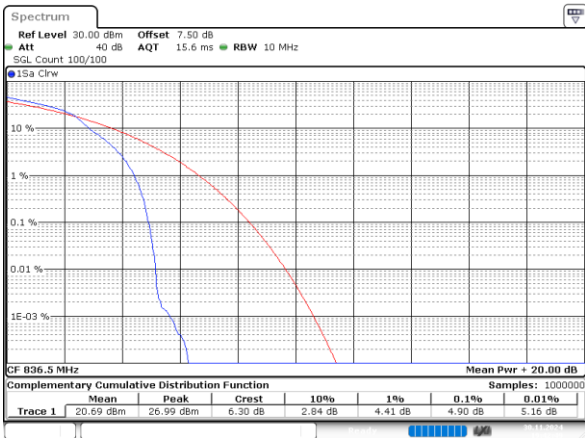
10MHz_Middle_QPSK_1@0



10MHz_Middle_QPSK_50@0

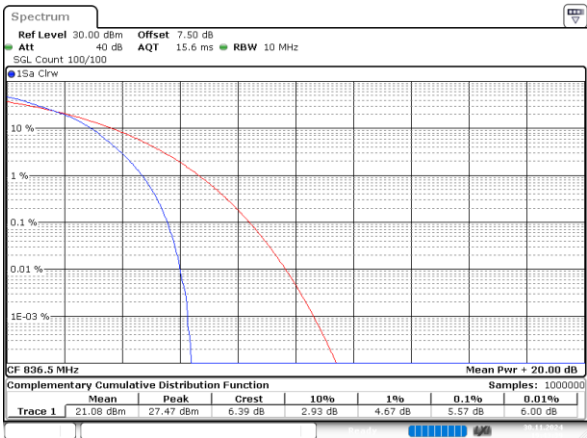


10MHz_Middle_16QAM_1@0



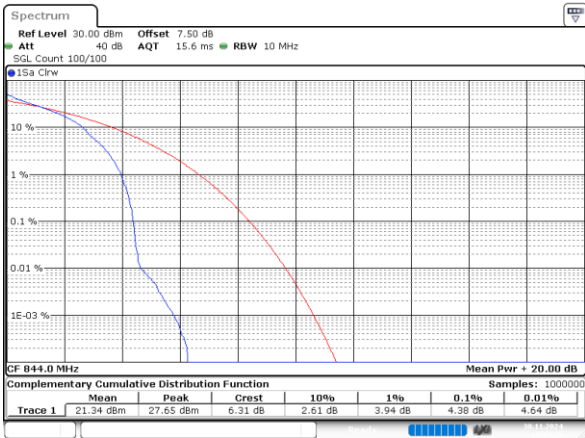
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 Date: 30.NOV.2024 19:42:50

10MHz_Middle_16QAM_50@0



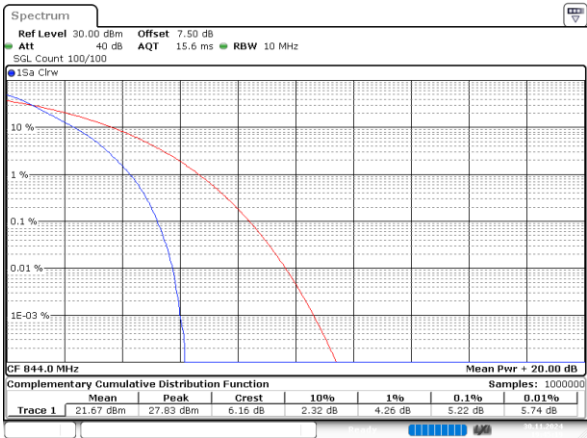
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 Date: 30.NOV.2024 19:43:39

10MHz_High_QPSK_1@0



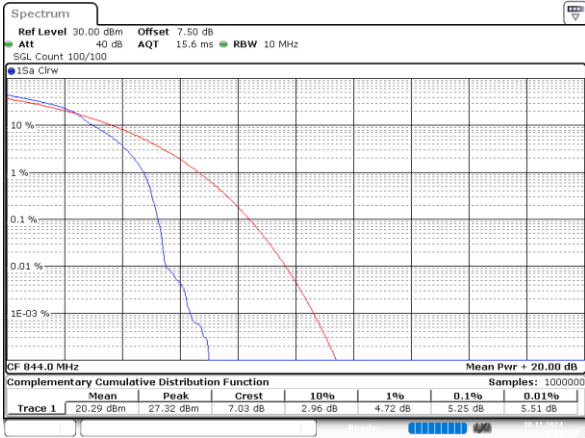
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 Date: 30.NOV.2024 19:44:29

10MHz_High_QPSK_50@0



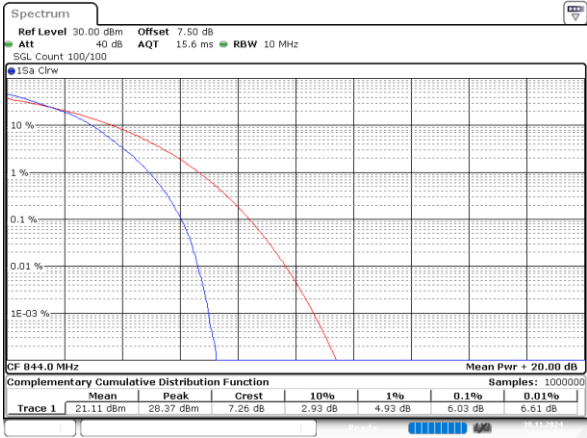
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 Date: 30.NOV.2024 19:45:19

10MHz_High_16QAM_1@0



ProjectNo.:2402Z106878E-RF Tester:Karl Liang
 Date: 30.NOV.2024 19:46:09

10MHz_High_16QAM_50@0



ProjectNo.:2402Z106878E-RF Tester:Karl Liang
 Date: 30.NOV.2024 19:46:58

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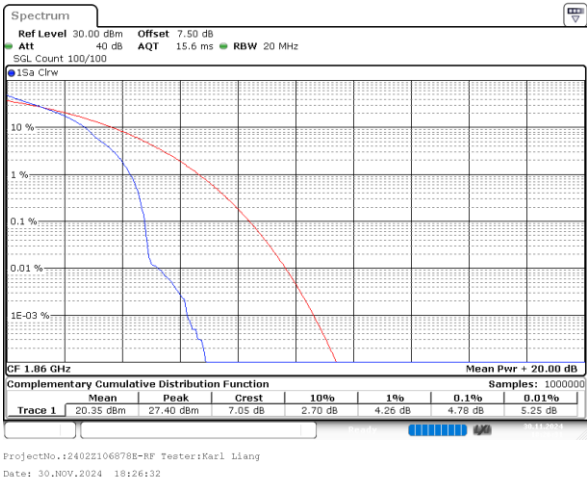
B2, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	4.78	13
20MHz_Low_QPSK_100@0	5.42	13
20MHz_Low_16QAM_1@0	5.83	13
20MHz_Low_16QAM_100@0	6.29	13
20MHz_Middle_QPSK_1@0	4.72	13
20MHz_Middle_QPSK_100@0	5.04	13
20MHz_Middle_16QAM_1@0	5.42	13
20MHz_Middle_16QAM_100@0	5.94	13
20MHz_High_QPSK_1@0	4.72	13
20MHz_High_QPSK_100@0	5.28	13
20MHz_High_16QAM_1@0	5.86	13
20MHz_High_16QAM_100@0	6.12	13

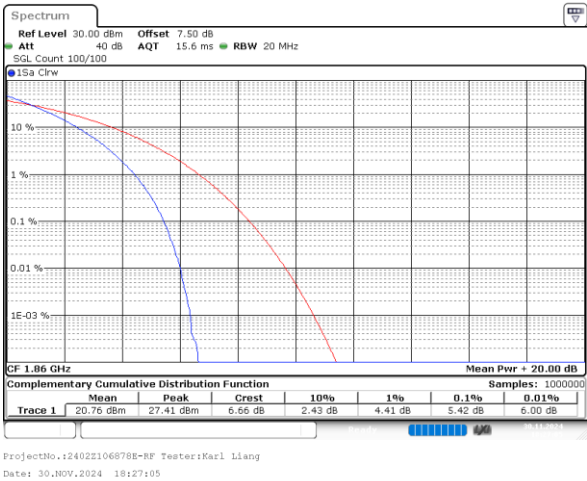
Note:worst case.

B2, Normal

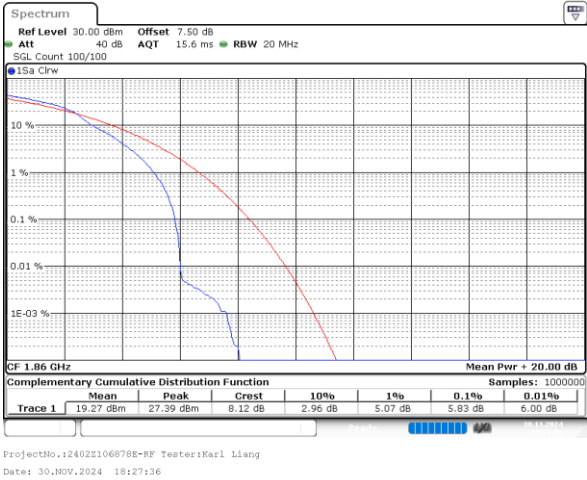
20MHz_Low_QPSK_1@0



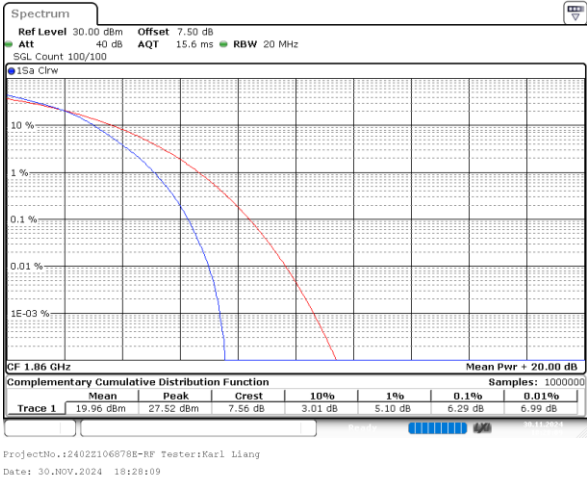
20MHz_Low_QPSK_100@0



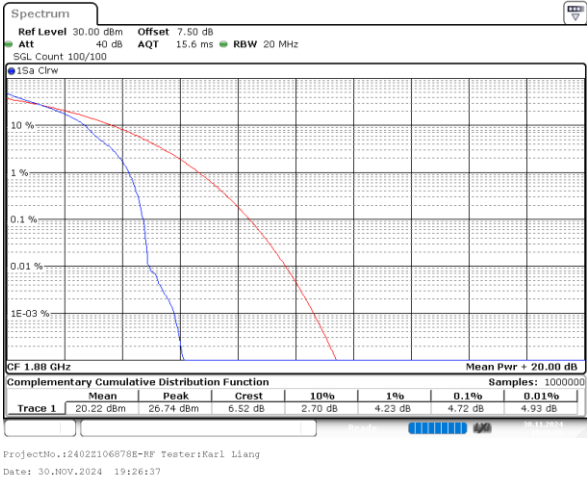
20MHz_Low_16QAM_1@0



20MHz_Low_16QAM_100@0



20MHz_Middle_QPSK_1@0



20MHz_Middle_QPSK_100@0

