

## FCC Part 27

## RF power output

n12

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_15kHz_701.5MHz_CP-OFDM 16 QAM_RB25@0	20.57	11.92	0.016	3.00	Pass
5MHz_15kHz_701.5MHz_CP-OFDM 256 QAM_RB25@0	17.11	8.46	0.007	3.00	Pass
5MHz_15kHz_701.5MHz_CP-OFDM 64 QAM_RB25@0	20.20	11.55	0.014	3.00	Pass
5MHz_15kHz_701.5MHz_CP-OFDM QPSK_RB1@1	22.06	13.41	0.022	3.00	Pass
5MHz_15kHz_701.5MHz_CP-OFDM QPSK_RB1@23	22.14	13.49	0.022	3.00	Pass
5MHz_15kHz_701.5MHz_CP-OFDM QPSK_RB13@6	22.20	13.55	0.023	3.00	Pass
5MHz_15kHz_701.5MHz_CP-OFDM QPSK_RB25@0	20.71	12.06	0.016	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM 16 QAM_RB25@0	21.71	13.06	0.02	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM 256 QAM_RB25@0	19.27	10.62	0.012	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM 64 QAM_RB25@0	21.27	12.62	0.018	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM PI/2 BPSK_RB1@1	23.69	15.04	0.032	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM PI/2 BPSK_RB1@23	23.78	15.13	0.033	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM PI/2 BPSK_RB12@6	23.77	15.12	0.033	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM PI/2 BPSK_RB25@0	23.26	14.61	0.029	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM QPSK_RB1@1	23.63	14.98	0.031	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM QPSK_RB1@23	23.84	15.19	0.033	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM QPSK_RB12@6	23.78	15.13	0.033	3.00	Pass
5MHz_15kHz_701.5MHz_DFT-s- OFDM QPSK_RB25@0	22.70	14.05	0.025	3.00	Pass
5MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB25@0	20.86	12.21	0.017	3.00	Pass
5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0	17.44	8.79	0.008	3.00	Pass
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0	20.49	11.84	0.015	3.00	Pass
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB1@1	22.34	13.69	0.023	3.00	Pass
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB1@23	22.44	13.79	0.024	3.00	Pass
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB13@6	22.36	13.71	0.023	3.00	Pass
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0	20.92	12.27	0.017	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s- OFDM 16 QAM_RB25@0	21.94	13.29	0.021	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s- OFDM 256 QAM_RB25@0	19.48	10.83	0.012	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s- OFDM 64 QAM_RB25@0	21.48	12.83	0.019	3.00	Pass

5MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@1	23.87	15.22	0.033	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@23	23.88	15.23	0.033	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB12@6	23.95	15.3	0.034	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	23.45	14.8	0.03	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB1@1	23.92	15.27	0.034	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB1@23	23.95	15.3	0.034	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB12@6	23.96	15.31	0.034	3.00	Pass
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0	22.95	14.3	0.027	3.00	Pass
5MHz_15kHz_713.5MHz_CP-OFDM 16 QAM_RB25@0	20.86	12.21	0.017	3.00	Pass
5MHz_15kHz_713.5MHz_CP-OFDM 256 QAM_RB25@0	17.41	8.76	0.008	3.00	Pass
5MHz_15kHz_713.5MHz_CP-OFDM 64 QAM_RB25@0	20.56	11.91	0.016	3.00	Pass
5MHz_15kHz_713.5MHz_CP-OFDM QPSK_RB1@1	22.35	13.7	0.023	3.00	Pass
5MHz_15kHz_713.5MHz_CP-OFDM QPSK_RB1@23	22.33	13.68	0.023	3.00	Pass
5MHz_15kHz_713.5MHz_CP-OFDM QPSK_RB13@6	22.44	13.79	0.024	3.00	Pass
5MHz_15kHz_713.5MHz_CP-OFDM QPSK_RB25@0	20.95	12.3	0.017	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM 16 QAM_RB25@0	21.96	13.31	0.021	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM 256 QAM_RB25@0	19.50	10.85	0.012	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM 64 QAM_RB25@0	21.43	12.78	0.019	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@1	23.90	15.25	0.033	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@23	23.83	15.18	0.033	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM PI/2 BPSK_RB12@6	24.00	15.35	0.034	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	23.43	14.78	0.03	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM QPSK_RB1@1	23.98	15.33	0.034	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM QPSK_RB1@23	23.93	15.28	0.034	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM QPSK_RB12@6	23.98	15.33	0.034	3.00	Pass
5MHz_15kHz_713.5MHz_DFT-s-OFDM QPSK_RB25@0	22.91	14.26	0.027	3.00	Pass
10MHz_15kHz_704MHz_CP-OFDM 16 QAM_RB52@0	20.49	11.84	0.015	3.00	Pass
10MHz_15kHz_704MHz_CP-OFDM 256 QAM_RB52@0	17.00	8.35	0.007	3.00	Pass
10MHz_15kHz_704MHz_CP-OFDM 64 QAM_RB52@0	20.06	11.41	0.014	3.00	Pass
10MHz_15kHz_704MHz_CP-OFDM QPSK_RB1@1	21.79	13.14	0.021	3.00	Pass
10MHz_15kHz_704MHz_CP-OFDM QPSK_RB1@50	22.15	13.5	0.022	3.00	Pass

10MHz_15kHz_704MHz_CP-OFDM QPSK_RB26@13	22.19	13.54	0.023	3.00	Pass
10MHz_15kHz_704MHz_CP-OFDM QPSK_RB52@0	20.51	11.86	0.015	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM 16 QAM_RB50@0	21.52	12.87	0.019	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM 256 QAM_RB50@0	19.09	10.44	0.011	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM 64 QAM_RB50@0	21.05	12.4	0.017	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM PI/2 BPSK_RB1@1	23.43	14.78	0.03	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM PI/2 BPSK_RB1@50	23.71	15.06	0.032	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM PI/2 BPSK_RB25@12	23.63	14.98	0.031	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	22.98	14.33	0.027	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM QPSK_RB1@1	23.41	14.76	0.03	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM QPSK_RB1@50	23.71	15.06	0.032	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM QPSK_RB25@12	23.66	15.01	0.032	3.00	Pass
10MHz_15kHz_704MHz_DFT-s-OFDM QPSK_RB50@0	22.55	13.9	0.025	3.00	Pass
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0	20.77	12.12	0.016	3.00	Pass
10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0	17.22	8.57	0.007	3.00	Pass
10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0	20.30	11.65	0.015	3.00	Pass
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB1@1	21.95	13.3	0.021	3.00	Pass
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB1@50	22.44	13.79	0.024	3.00	Pass
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB26@13	22.34	13.69	0.023	3.00	Pass
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB52@0	20.81	12.16	0.016	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB50@0	21.86	13.21	0.021	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB50@0	19.35	10.7	0.012	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB50@0	21.29	12.64	0.018	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@1	23.51	14.86	0.031	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@50	23.76	15.11	0.032	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@12	23.76	15.11	0.032	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	23.27	14.62	0.029	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB1@1	23.57	14.92	0.031	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB1@50	23.79	15.14	0.033	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@12	23.77	15.12	0.033	3.00	Pass
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB50@0	22.82	14.17	0.026	3.00	Pass

10MHz_15kHz_711MHz_CP-OFDM 16 QAM_RB52@0	20.71	12.06	0.016	3.00	Pass
10MHz_15kHz_711MHz_CP-OFDM 256 QAM_RB52@0	17.19	8.54	0.007	3.00	Pass
10MHz_15kHz_711MHz_CP-OFDM 64 QAM_RB52@0	20.24	11.59	0.014	3.00	Pass
10MHz_15kHz_711MHz_CP-OFDM QPSK_RB1@1	22.14	13.49	0.022	3.00	Pass
10MHz_15kHz_711MHz_CP-OFDM QPSK_RB1@50	22.10	13.45	0.022	3.00	Pass
10MHz_15kHz_711MHz_CP-OFDM QPSK_RB26@13	22.39	13.74	0.024	3.00	Pass
10MHz_15kHz_711MHz_CP-OFDM QPSK_RB52@0	20.73	12.08	0.016	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM 16 QAM_RB50@0	21.73	13.08	0.02	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM 256 QAM_RB50@0	19.32	10.67	0.012	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM 64 QAM_RB50@0	21.21	12.56	0.018	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM PI/2 BPSK_RB1@1	23.68	15.03	0.032	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM PI/2 BPSK_RB1@50	23.68	15.03	0.032	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM PI/2 BPSK_RB25@12	23.77	15.12	0.033	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM PI/2 BPSK_RB50@0	23.23	14.58	0.029	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM QPSK_RB1@1	23.71	15.06	0.032	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM QPSK_RB1@50	23.72	15.07	0.032	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM QPSK_RB25@12	23.84	15.19	0.033	3.00	Pass
10MHz_15kHz_711MHz_DFT-s- OFDM QPSK_RB50@0	22.75	14.1	0.026	3.00	Pass
15MHz_15kHz_706.5MHz_CP- OFDM 16 QAM_RB79@0	20.89	12.24	0.017	3.00	Pass
15MHz_15kHz_706.5MHz_CP- OFDM 256 QAM_RB79@0	17.39	8.74	0.007	3.00	Pass
15MHz_15kHz_706.5MHz_CP- OFDM 64 QAM_RB79@0	20.39	11.74	0.015	3.00	Pass
15MHz_15kHz_706.5MHz_CP- OFDM QPSK_RB1@1	21.98	13.33	0.022	3.00	Pass
15MHz_15kHz_706.5MHz_CP- OFDM QPSK_RB1@77	22.21	13.56	0.023	3.00	Pass
15MHz_15kHz_706.5MHz_CP- OFDM QPSK_RB39@19	22.37	13.72	0.024	3.00	Pass
15MHz_15kHz_706.5MHz_CP- OFDM QPSK_RB79@0	20.83	12.18	0.017	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s- OFDM 16 QAM_RB75@0	21.90	13.25	0.021	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s- OFDM 256 QAM_RB75@0	19.43	10.78	0.012	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s- OFDM 64 QAM_RB75@0	21.39	12.74	0.019	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s- OFDM PI/2 BPSK_RB1@1	23.53	14.88	0.031	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s- OFDM PI/2 BPSK_RB1@77	23.90	15.25	0.033	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s- OFDM PI/2 BPSK_RB36@18	23.89	15.24	0.033	3.00	Pass

15MHz_15kHz_706.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	23.37	14.72	0.03	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s-OFDM QPSK_RB1@1	23.54	14.89	0.031	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s-OFDM QPSK_RB1@77	23.95	15.3	0.034	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s-OFDM QPSK_RB36@18	23.96	15.31	0.034	3.00	Pass
15MHz_15kHz_706.5MHz_DFT-s-OFDM QPSK_RB75@0	22.88	14.23	0.026	3.00	Pass
15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0	20.96	12.31	0.017	3.00	Pass
15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0	17.41	8.76	0.008	3.00	Pass
15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0	20.44	11.79	0.015	3.00	Pass
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB1@1	22.05	13.4	0.022	3.00	Pass
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB1@77	22.36	13.71	0.023	3.00	Pass
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB39@19	22.46	13.81	0.024	3.00	Pass
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0	20.90	12.25	0.017	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB75@0	21.97	13.32	0.021	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB75@0	19.43	10.78	0.012	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB75@0	21.47	12.82	0.019	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@1	23.48	14.83	0.03	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@77	23.87	15.22	0.033	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@18	23.89	15.24	0.033	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	23.41	14.76	0.03	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB1@1	23.62	14.97	0.031	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB1@77	23.90	15.25	0.033	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB36@18	23.99	15.34	0.034	3.00	Pass
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0	22.95	14.3	0.027	3.00	Pass
15MHz_15kHz_708.5MHz_CP-OFDM 16 QAM_RB79@0	20.96	12.31	0.017	3.00	Pass
15MHz_15kHz_708.5MHz_CP-OFDM 256 QAM_RB79@0	17.40	8.75	0.007	3.00	Pass
15MHz_15kHz_708.5MHz_CP-OFDM 64 QAM_RB79@0	20.42	11.77	0.015	3.00	Pass
15MHz_15kHz_708.5MHz_CP-OFDM QPSK_RB1@1	22.00	13.35	0.022	3.00	Pass
15MHz_15kHz_708.5MHz_CP-OFDM QPSK_RB1@77	22.31	13.66	0.023	3.00	Pass
15MHz_15kHz_708.5MHz_CP-OFDM QPSK_RB39@19	22.40	13.75	0.024	3.00	Pass
15MHz_15kHz_708.5MHz_CP-OFDM QPSK_RB79@0	20.89	12.24	0.017	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM 16 QAM_RB75@0	21.95	13.3	0.021	3.00	Pass

15MHz_15kHz_708.5MHz_DFT-s-OFDM 256 QAM_RB75@0	19.50	10.85	0.012	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM 64 QAM_RB75@0	21.45	12.8	0.019	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@1	23.55	14.9	0.031	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM PI/2 BPSK_RB1@77	23.80	15.15	0.033	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@18	23.88	15.23	0.033	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	23.41	14.76	0.03	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM QPSK_RB1@1	23.62	14.97	0.031	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM QPSK_RB1@77	23.89	15.24	0.033	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM QPSK_RB36@18	23.94	15.29	0.034	3.00	Pass
15MHz_15kHz_708.5MHz_DFT-s-OFDM QPSK_RB75@0	22.94	14.29	0.027	3.00	Pass

**Note:**

**ERP = Conducted Power(dBm) - LC(dB) + GT(dBd)**

**GT(dBd) = GT(dBi) - 2.15**

**n12:**

**1.Ant Gain =-6 dBi;**

**2.CL = signal attenuation in the connecting cable  
between the transmitter and antenna in 0.5dB**