

FCC Part 27

RF power output

n40_1

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_30kHz_2310MHz_CP-OFDM QPSK_RB1@1	22.38	17.08	0.051	0.25	Pass
10MHz_30kHz_2310MHz_CP-OFDM QPSK_RB1@22	22.62	17.32	0.054	0.25	Pass
10MHz_30kHz_2310MHz_CP-OFDM QPSK_RB12@6	22.46	17.16	0.052	0.25	Pass
10MHz_30kHz_2310MHz_CP-OFDM QPSK_RB24@0	20.62	15.32	0.034	0.25	Pass
10MHz_30kHz_2310MHz_CP-OFDM 16 QAM_RB24@0	20.57	15.27	0.034	0.25	Pass
10MHz_30kHz_2310MHz_CP-OFDM 64 QAM_RB24@0	20.18	14.88	0.031	0.25	Pass
10MHz_30kHz_2310MHz_CP-OFDM 256 QAM_RB24@0	17.26	11.96	0.016	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM PI/2 BPSK_RB1@1	23.40	18.10	0.065	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM PI/2 BPSK_RB1@22	23.80	18.50	0.071	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM PI/2 BPSK_RB12@6	23.73	18.43	0.070	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	23.24	17.94	0.062	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM QPSK_RB1@1	24.17	18.87	0.077	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM QPSK_RB1@22	24.23	18.93	0.078	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM QPSK_RB12@6	23.66	18.36	0.069	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM QPSK_RB24@0	22.73	17.43	0.055	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM 16 QAM_RB24@0	21.83	16.53	0.045	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM 64 QAM_RB24@0	21.29	15.99	0.040	0.25	Pass
10MHz_30kHz_2310MHz_DFT-s-OFDM 256 QAM_RB24@0	19.16	13.86	0.024	0.25	Pass

Note:

EIRP = Conducted Power(dBm) - LC(dB) + GT(dBi)

n40_1:

1.Ant Gain =-5.1 dBi;

2.LC = signal attenuation in the connecting cable between the transmitter and antenna in 0.2dB

n40_2

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_30kHz_2355MHz_CP-OFDM QPSK_RB1@1	22.59	17.29	0.054	0.25	Pass
10MHz_30kHz_2355MHz_CP-OFDM QPSK_RB1@22	22.51	17.21	0.053	0.25	Pass
10MHz_30kHz_2355MHz_CP-OFDM QPSK_RB12@6	22.21	16.91	0.049	0.25	Pass
10MHz_30kHz_2355MHz_CP-OFDM QPSK_RB24@0	20.58	15.28	0.034	0.25	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_30kHz_2355MHz_CP-OFDM 16 QAM_RB24@0	20.62	15.32	0.034	0.25	Pass
10MHz_30kHz_2355MHz_CP-OFDM 64 QAM_RB24@0	20.05	14.75	0.030	0.25	Pass
10MHz_30kHz_2355MHz_CP-OFDM 256 QAM_RB24@0	17.36	12.06	0.016	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM PI/2 BPSK_RB1@1	23.66	18.36	0.069	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM PI/2 BPSK_RB1@22	23.47	18.17	0.066	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM PI/2 BPSK_RB12@6	23.60	18.30	0.068	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM PI/2 BPSK_RB24@0	23.12	17.82	0.061	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM QPSK_RB1@1	24.23	18.93	0.078	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM QPSK_RB1@22	23.95	18.65	0.073	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM QPSK_RB12@6	23.75	18.45	0.070	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM QPSK_RB24@0	22.69	17.39	0.055	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM 16 QAM_RB24@0	21.77	16.47	0.044	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM 64 QAM_RB24@0	21.11	15.81	0.038	0.25	Pass
10MHz_30kHz_2355MHz_DFT-s- OFDM 256 QAM_RB24@0	19.12	13.82	0.024	0.25	Pass

Note:

EIRP = Conducted Power(dBm) - LC(dB) + GT(dBi)

n40_2:

1.Ant Gain =-5.1 dBi;

**2.LC = signal attenuation in the connecting cable
between the transmitter and antenna in 0.2dB**