

## FCC Part 96

## RF power output

## DC\_40A\_n40A\_1

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	24.07(21.18 20.93)	18.77	0.075	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB12@6	23.68(20.78 20.55)	18.38	0.069	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	23.56(20.77 20.32)	18.26	0.067	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB12@6	23.85(20.52 21.13)	18.55	0.072	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB12@6	24.17(21.36 20.96)	18.87	0.077	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB12@6	23.32(20.25 20.36)	18.02	0.063	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB12@6	22.66(20.12 19.13)	17.36	0.054	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	24.14(21.24 21.02)	18.84	0.077	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK CP-OFDM QPSK_RB12@0 RB12@6	23.96(21.12 20.77)	18.66	0.073	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB12@6	23.6(20.79 20.38)	18.30	0.068	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB12@6	23.33(20.53 20.1)	18.03	0.064	2.00	Pass
10MHz 10MHz_30kHz_2305MHz 2310MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB12@6	22.76(20.42 18.96)	17.46	0.056	2.00	Pass

## Note:

**P\_Total(P\_LTE | P\_NR);**

**P\_Total =10\*LOG**

**(10^(P\_LTE/10)+10^( P\_NR/10)) ;**

**EIRP\_LTE = P\_LTE + Ant Gain\_LTE – LC\_LTE;**

**EIRP\_NR = P\_NR + Ant Gain\_NR – LC\_NR;**

**EIRP =10\*LOG(10^(EIRP\_LTE/10)+10^(**

**EIRP\_NR/10));**

**DC\_40A\_n40A\_1:**

**n40:**

**1.Ant Gain =-5.1 dBi;**

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

**40A:**

**1.Ant Gain =-5.1dBi;**

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