



Registration number: W6M21405-14171-C-1

FCC ID: YDM-BA1404

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain (Directional gain)

$$\begin{aligned} \text{EIRP} &= 2.98 \text{ dBm} + (-3.14 \text{ dBi}) \\ &= -0.16 \text{ dBm} \end{aligned}$$

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

3.3 RF Exposure Compliance Requirements

Conclusion: No Evaluation required if power is below this threshold:

F(GHz)		mW
Low	2.402	24.58
High	2.480	

Maximum measured transmitter power:

Conducted Power	2.98 dBm (1.99 mW)
EIRP Power	- 0.16 dBm (0.96 mW)

- The antenna is PIFA antenna, antenna gain is -3.14 dBi.

Threshold for no SAR evaluation is 24.58 mW.

Conclusion: No SAR evaluation required since Transmitter output power is below FCC threshold.