



## RF exposure

According to RSS-Gen 3.2: the requirements in Radio Standards Specification RSS-102 (Issue 6), Radio Frequency (RF) Exposure Compliance of Radio communication Apparatus (All Frequency Bands), shall be met.

### INDUSTRY CANADA EXEMPTION

RF exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm, except when the device operates as follows:

At or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than  $1.31 \times 10^{-2} f^{0.6834}$  W (adjusted for tune-up tolerance), where  $f$  is in MHz;

### Results

	Operation mode	Tune-up Average Power (dBm)	Ant Gain (dBi)	EIRP		Limit (W)
				(dBm)	(W)	
802.11ah	1 MHz Bandwidth	19.50	3.03	22.53	0.179 1	1.37
	2 MHz Bandwidth	19.50		22.53	0.179 1	1.37
	4 MHz Bandwidth	19.50		22.53	0.179 1	1.37

\*Note

1. Conducted Power is calculated based on Maximum Tune up power level.
2. The applicant has declared that the EUT is a module used at a distance of more than 20 cm from the user.
3. EUT is a product that can optionally use 1 of 3 antennas, and the Ant gain is the gain of the worst PCB antenna.