5.2 EXEMPTION LIMITS FOR ROUTINE EVALUATION – RF EXPOSURE EVALUATION

5.2.1 Applicable Standard

According to RSS-102 § (2.5.2):

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:

- below 20 MHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than 1 W (adjusted for tune-up tolerance);
- at or above 20 MHz and below 48 MHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than $4.49/f^{0.5} \text{W}$ (adjusted for tune-up tolerance), where $f$ is in MHz;
- at or above 48 MHz and below 300 MHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than 0.6 W (adjusted for tune-up tolerance);
- 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 $1.31 \times 10^{-2} f^{0.6834} \text{W}$ (adjusted for tune-up tolerance), where $f$ is in MHz;
- at or above 6 GHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than 5 W (adjusted for tune-up tolerance).

In these cases, the information contained in the RF exposure technical brief may be limited to information that demonstrates how the e.i.r.p. was derived.

Calculated Data:

<table>
<thead>
<tr>
<th>Mode</th>
<th>Frequency (MHz)</th>
<th>Antenna Gain</th>
<th>Conducted output power including Tune-up Tolerance</th>
<th>EIRP</th>
<th>Exemption limits (mW)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(dBi)</td>
<td>(dBm)</td>
<td>(dBm)</td>
<td>(mW)</td>
</tr>
<tr>
<td>WLAN 2.4G</td>
<td>2412-2462</td>
<td>0.77</td>
<td>16.00</td>
<td>16.77</td>
<td>47.53 2684</td>
</tr>
<tr>
<td>BLE</td>
<td>2402-2480</td>
<td>0.77</td>
<td>0</td>
<td>0.77</td>
<td>1.19 2676</td>
</tr>
</tbody>
</table>

Note:
The WLAN and Bluetooth/BLE can’t transmit simultaneously.
The Maximum Conducted Power including Tune-up Tolerance was declared by manufacturer.

So the device is compliance exemption from Routine Evaluation Limits –RF exposure Evaluation.

Result: Compliance

====== END OF REPORT ======