



## APPENDIX I

## RADIO FREQUENCY EXPOSURE

### LIMIT

According to §15.247(i), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See § 1.1307(b)(1) of this chapter.

### EUT Specification

<b>EUT</b>	Media Tablet
<b>Frequency band (Operating)</b>	<input checked="" type="checkbox"/> WLAN: 2.412GHz ~ 2.462GHz <input type="checkbox"/> WLAN: 5.18GHz ~ 5.32GHz / 5.50GHz ~ 5.70GHz <input type="checkbox"/> WLAN: 5.745GHz ~ 5.825GHz <input type="checkbox"/> Others
<b>Device category</b>	<input checked="" type="checkbox"/> Portable (<20cm separation) <input type="checkbox"/> Mobile (>20cm separation) <input type="checkbox"/> Others
<b>Exposure classification</b>	<input checked="" type="checkbox"/> Occupational/Controlled exposure ( $S = 5\text{mW/cm}^2$ ) <input type="checkbox"/> General Population/Uncontrolled exposure ( $S=1\text{mW/cm}^2$ )
<b>Antenna diversity</b>	<input checked="" type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input type="checkbox"/> Tx/Rx diversity
<b>Max. output power</b>	IEEE 802.11b mode: 15.72 dBm(37.32 mW) IEEE 802.11g mode: 22.53 dBm(179.06mW) IEEE 802.11n HT 20 MHz mode: 22.47 dBm(176.60mW)
<b>Antenna gain (Max)</b>	3 dBi (Numeric gain: 1.99)
<b>Evaluation applied</b>	<input type="checkbox"/> MPE Evaluation <input type="checkbox"/> SAR Evaluation <input checked="" type="checkbox"/> N/A*

#### **Remark:**

*The maximum output power is 22.53 dBm(179.06mW) at 2437MHz (with 1.99 numeric antenna gain.)*

## TEST RESULTS

*No non-compliance noted.*

## MPE EVALUATION

*Not applicable.*

- (1) 802.11b maximum average output power 13.49dBm (22.33mW) is less than 24.570mW (60/f), so 802.11b SAR test is not required;
- (2) 802.11g maximum average output power 11.76dBm (15.00mW) is less than 24.876mW (60/f), so 802.11g SAR test is not required.
- (3) 802.11n HT20 maximum average output power 11.64dBm (14.59mW) is less than 24.876mW (60/f), so 802.11n HT20 SAR test is not required.