



## APPENDIX L

### : RF EXPOSURE EVALUATION



## RF Exposure Evaluation

### 1.1 Applicable Standard

According to §15.247(b)(1) and §1.1307(b)(1), 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 level in excess of the Commission's guidelines.

According to TCB Exclusions list, no SAR required if power is lower than the flowing threshold:

### TRC-1280

Hand SAR

Frequency Range		Center frequency (MHz)	1000*[f <sub>(GHz)</sub> ] <sup>-0.5</sup> Hand SAR Limitation (mW)
Low Frequency (MHz)	High Frequency(MHz)		
2 412	2 462	2 437	645

Body SAR

Frequency Range		Center frequency (MHz)	300*[f <sub>(GHz)</sub> ] <sup>-0.5</sup> Body SAR Limitation (mW)
Low Frequency (MHz)	High Frequency(MHz)		
2 412	2 462	2 437	193

Maximum measured transmitter power

AV Conducted Power (mW)	Max Antenna Gain (dBi)	EIRP (mW)
10.70	4.0	29.51

Threshold at which no SAR required is 193 mW.

Maximum Tx power is 29.51 mW EIRP.

**Conclusion: No SAR is required.**

No Simultaneous transmission occurs.