



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:

Smart-BLU

Frequency Range		Center frequency (MHz)	60/f _(GHz) Limitation (mW)
Low Frequency (MHz)	High Frequency(MHz)		
2 402	2 480	2 441	25

Maximum measured transmitter power

Conducted Power (mW)	Max Antenna Gain (dBi)	EIRP (mW)
1.191	2.5	3.691

Threshold at which no SAR required is 25 mW.
Maximum Tx power is 3.691 mW EIRP.

Conclusion: No SAR is required.

No Simultaneous transmission occurs.