

**RF Exposure Statement:**

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**Client:** Cambridge Executive Limited  
 St John's Innovation Centre Cowley Road Cambridge England CB4 0WS

**Test item:** BC118 / BC119

**Identification:** BC118-x / BC119-x  
 FCC ID: SSS-BC11X

**FCC Requirement**

According to FCC 2.1091, mobile equipment must comply with the following applicable limit for maximum permissible exposure (MPE) specified in FCC 1.1310:

Equipment Use	Frequency Range	Power Density [mW/cm <sup>2</sup> ]	Average Time [min]
General Population / Uncontrolled Exposure	1.5 – 100GHz	1	6

**Measurement Result**

The maximum measured transmitter power is the following:

Conducted Output Power P <sub>out</sub> [dBm]	Conducted Output Power P <sub>out</sub> [mW]	Maximum Antenna Gain [dBi]	P <sub>out</sub> EIRP [mW]	Power Density at 20cm [mW/cm <sup>2</sup> ]
5.56	3.60	2	5.70	0.001

Note:

The power density S in mW/cm<sup>2</sup> is calculated according to the Friis formula:  $S = (P_{out} \cdot G) / (4\pi \cdot D^2)$ , where  
 S = power density in mW/cm<sup>2</sup>

P<sub>out</sub> = antenna conducted output power in mW

G = antenna gain in linear scale (here: 2dBi=10log(G))

D = distance between observation point and radiating structure in cm (here: 20cm)

**Conclusion**

The device complies with the FCC RF exposure requirements since the maximum transmitter power density is below the FCC limit.

Refer to test report 15074279 001 for more details.