

## **Certification Exhibit**

**FCC ID: U9O-SS200  
IC: 7084A-SS200**

**FCC Rule Part: 15.247  
IC Radio Standards Specification: RSS-210**

**ACS Report Number: 10-0296.W06.11.A**

**Manufacturer: Synapse Wireless, Inc.  
Model: SS200**

## **RF Exposure**

**General Information:**

Applicant: Synapse Wireless, Inc.  
ACS Project: 10-0296  
Device Category: Mobile/Portable  
Environment: General Population/Uncontrolled Exposure

**Technical Information:**

Antenna Type: Surface Mount Chip  
Antenna Gain: 0.5dBi  
Max Conducted Power: 10.79dBm, 11.99mW  
Max System EIRP: 11.29 dBm, **13.46mW**

**Justification for RF Exposure Exemption for Portable Use**

Model SS200 can be used in operating configurations closer than 20cm to the body based on the justifications provided below.

1. Per KDB 447498(a)(i), a device may be used in portable exposure conditions with no restrictions on host platforms when the source-based time-averaged output power is  $\leq 60/f(\text{GHz})\text{mW}$ .  
 $60/(2.46711) = 24.32\text{mW}$ .
2. Per IC Radio Standards Specification RSS-102 Issue 4, March 2010; SAR evaluation is required except when the device operates above 2.2 GHz and up to 3 GHz inclusively, and with output power (i.e. the higher of the conducted or radiated (e.i.r.p.) source-based, time-averaged output power) that is less than or equal to 20mW for general public use.