

**Table 1. Calculating Current and Power<sup>(1)</sup>**

<b>STEP</b>	<b>REGISTER NAME</b>	<b>ADDRESS</b>	<b>CONTENTS</b>	<b>DEC</b>	<b>LSB</b>	<b>VALUE</b>
Step 1	Configuration Register	00h	4127h	—	—	—
Step 2	Shunt Register	01h	1F40h	8000	2.5 $\mu$ V	20 mV
Step 3	Bus Voltage Register	02h	2570h	9584	1.25 mV	11.98 V
Step 4	Calibration Register	05h	A00h	2560	—	—
Step 5	Current Register	04h	2710	10000	1 mA	10 A
Step 6	Power Register	03h	12B8h	4792	25 mW	119.82 W