

# RF EXPOSURE REPORT

**FCC ID : 2AAZ7-SO100**

**Model : SO100**

According to KDB 447498 D01 General RF Exposure Guidance v06, sec. 4.3.1

At 100 MHz to 6 GHz and for test separation distances  $\leq$  50 mm, the SAR test exclusion threshold is determined according to the following

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## 1. SAR test exclusion threshold

Frequency : 2 480 MHz (min. separation distance = 5mm)

SAR test exclusion thresholds (5mm)

Maximum Power :

Peak: -1.494 dBm (0.709 mW) / Average: -2.110 dBm (0.615 mW)

| Mode      | Frequency | Maximum Allowed Power | Separation Distance | $\leq 3.0$ |
|-----------|-----------|-----------------------|---------------------|------------|
|           | [MHz]     | [mW]                  | [mm]                |            |
| Bluetooth | 2 480     | 0.71                  | 5                   | 0.2        |

Based on the maximum conducted power of Bluetooth and antenna to use separation distance, Bluetooth SAR test was not required  
 $[(0.71/5)^{\sqrt{2.480}}] = 0.2 < 3.0$ .

**Note:** The frequency of Bluetooth using for estimated SAR was selected highest channel of Bluetooth for highest SAR test exclusion thresholds.

## 2. Conclusion

This EUT (FCC ID: 2AAZ7-SO100) is not required SAR test.