

## RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

Product Description	Tablet
Model Name	GS61016
FCC ID	2AW5H-GS61016

### 2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v05

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

Where  $f(\text{GHz})$  is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

### 3. CALCULATION

BLE:

$P_t=8.155\text{dBm}=6.54\text{mW}$

The value of the Maximum output power  $P_t$  is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation  $\text{SAR}=(6.54\text{mW}/5\text{mm}) \cdot [\sqrt{2.48(\text{GHz})}] = 2.05 < 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

BR/EDR:

$P_t=8.855\text{dBm}=7.68\text{mW}$

The value of the Maximum output power  $P_t$  is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation  $\text{SAR}=(7.68\text{mW}/5\text{mm}) \cdot [\sqrt{2.48(\text{GHz})}] = 2.41 < 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

2.4G WIFI:

$P_t=9.41\text{dBm}=8.73\text{mW}$

The value of the Maximum output power  $P_t$  is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation  $\text{SAR}=(2.74\text{mW}/5\text{mm}) \cdot [\sqrt{2.437(\text{GHz})}] = 2.73 < 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

### 4. CONCLUSION

The SAR evaluation is not required.