

# RF Exposure Evaluation Statement

**Product Name:** Haylou Wireless Earbuds

**Model No.:** GT3

**FCC ID:** 2AMQ6-GT3

## 1.1 RF Exposure Compliance Requirement

### 1.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

### 1.1.2 Limits

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:

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

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

Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion

### 1.1.3 EUT RF Exposure

Operational Mode: EDR (8-DPSK worst case)						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power		Calculated value	Exclusion threshold
			(dBm)	(mW)		
2402MHz	3.41	$\pm 1$	4.41	2.76	0.86	3.0
2441MHz	3.97	$\pm 1$	4.97	3.14	0.98	
2480MHz	4.77	$\pm 1$	5.77	3.78	1.19	
Operational Mode: BLE_2Mbps (BLE_2Mbps worst case)						
2402MHz	0.31	$\pm 1$	1.31	1.35	0.42	3.0
2442MHz	0.97	$\pm 1$	1.97	1.57	0.49	
2480MHz	1.79	$\pm 1$	2.79	1.90	0.60	

Conclusion: the calculated value  $\leq 3.0$ , SAR is exempted.