RF Exposure Evaluation Report

1   RF EXPOSURE

Product Name   Bluetooth Headset

Model No.   A7, A7+, A7 Pro, A10, A11

Test Mode   TX

FCC ID   2AFTU-DD018

1.1   LIMITS

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

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

> f(GHz) is the RF channel transmit frequency in GHz
> Power and distance are rounded to the nearest mW and mm before calculation[17]
> The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 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

1.2   EUT RF EXPOSURE EVALUATION

Operational Mode: EDR （8-DPSK worst case）						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power(dBm)	Maximum tune-up Power(mW)	Calculated value	Exclusion threshold
2402MHz	2.714	±1	3.714	2.35	0.73	3
2441MHz	3.263	±1	4.263	2.67	0.83	3
2480MHz	2.403	±1	3.403	2.19	0.69	3
Conclusion: the calculated value ≤3.0, SAR is exempted.						