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RF EXPOSURE REPORT

Apple, Inc. 1 Infinite Loop Cupertino, CA 95014	Date of Evaluation: 08/08/2017 Test Site/Location: PCTEST Lab, San Jose, CA, USA Document Serial No.: 1C1707270004-04-R1.BCG
FCC ID:	BCG-A1914
MODEL:	A1914
APPLICANT:	APPLE, INC.

DUT Type: Application Type: FCC Rule Part(s): Over-the-ear Headset Certification CFR §2.1093

SAR testing is not required to determine that this device will not exceed the FCC RF Exposure limit when being used at 0 mm from the human head and extremities.

Note: This revised RF Exposure Report (S/N: 1C1707270004-04-R1.BCG) supersedes and replaces the previously issued report on the same subject device for the same type of evaluation as indicated. Please discard or destroy the previously issued report(s) and dispose of it accordingly.

Randy Ortanez President

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SAR Test Exclusion

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This device contains a transmitter with Bluetooth and Bluetooth LE that may be used in close proximity to the user's head and extremities. The maximum conducted output power of the 2.4 GHz Bluetooth and Bluetooth LE is 5.13 mW.

Per FCC KDB 447498 D01v06, the 1g SAR exclusion threshold for distances \leq 50mm is defined by the following equation:

$$\frac{Max Power of Channel (mW)}{Test Separation Dist (mm)} * \sqrt{Frequency (GHz)} \le 3.0$$

Based on the maximum conducted power of 2.4 GHz BT/BT LE and the antenna to user separation distance of 0 mm, 1g Head SAR testing for 2.4 GHz BT/BT LE was not required; $[(5 / 5)^* \sqrt{2.48}] = 1.57 < 3.0$. Per KDB Publication 447498 D01v06, the maximum power of the channel was rounded to the nearest mW before calculation. Since the minimum separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion according to FCC KDB Publication 447498 D01v06.

Per FCC KDB 447498 D01v06, the 10g SAR exclusion threshold for distances \leq 50mm is defined by the following equation:

 $\frac{Max Power of Channel (mW)}{Test Separation Dist (mm)} * \sqrt{Frequency (GHz)} \le 7.5$

Based on the maximum conducted power of 2.4 GHz BT/BT LE and the antenna to user separation distance of 0 mm, 10g Extremity SAR testing for 2.4 GHz BT/BT LE was not required; $[(5 / 5)^* \sqrt{2.48}] = 1.57 < 7.5$. Per KDB Publication 447498 D01v06, the maximum power of the channel was rounded to the nearest mW before calculation. Since the minimum separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion according to FCC KDB Publication 447498 D01v06.

Therefore, no SAR tests are required to determine that this device will not exceed the FCC RF Exposure limit when being used at 0 mm from the human head and extremities.

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