FCC RF Exposure

EUT Description: kStation

Model No.: kStation-01, kStation-02, kStation-03, kStation-04, kStation-05, kStation-06

All the model are the same circuit and RF module,except the appearance colour, this report only test mode name: kStation-01

FCC ID: 2ABRB-KSTATION

1. Applicable Standard

According to §1.1307(b)(5), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline. This is a Portable device. KDB 447498 D01 General RF Exposure Guidance v05 was used as the guidance.

According to §1.1310 and §2.1093 RF exposure is calculated.

2. RF Exposure Calculation Result:

WIFI:

Frequency: 2412-2462 MHz

Low-Channel: 2.412GHz (channel 01)

Antenna Gain: G = 0 dBi

According to the requirement of KDB 447498 D01 General RF Exposure Guidance v05 Appendix A SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm.

The Max Peak Power measured and achieved in High-Channel: 2.412GHz (channel 01) mode is: 9.5dBm = 8.91mW < 10mW

(Thresholds) and the exact distance from (the closest part of) the internal antenna to the outside surface of the tablet is greater than 5mm.

The SAR measurement is not necessary.

BT:

Frequency: 2402-2480 MHz

Middle-Channel: 2.440GHz (channel 20)

Antenna Gain: G = 0 dBi

According to the requirement of KDB 447498 D01 General RF Exposure Guidance v05 Appendix A SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm.

The Max Peak Power measured and achieved in Middle-Channel: 2.440GHz (channel 20) mode is:-2.09dBm =0.0618mW < 10mW

(Thresholds) and the exact distance from (the closest part of) the internal antenna to the outside surface of the tablet is greater than 5mm.

The SAR measurement is not necessary.