



September 12, 2019

TUV SUD BABT FCB
Octagon House,
Segensworth Road,
Fareham,
Hampshire,
PO15 5RL

Attention: Director of Certification

RE: Analysis of RF Exposure for Portable and Mobile use per KDB 447498 D01 RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices v06 and RSS-102 Radio Frequency (RF) Exposure Compliance of Radio Communication Apparatus (All Frequency Bands) Issue 5 (March 19, 2015)

FCC ID: RIA-MRLN3650ACC
IC: 7067A-MRLN3650ACC

Portable exposure SAR Exemption Calculation using a 5mm separation distance:

As per Clause 4.3.1 (a) of KDB 447498 D01 v06:

$$\left(\frac{\text{max.power of channel,including tune-up tolerance,mW}}{\text{min.test separation distance,mm}} \right) \times (\sqrt{f \text{ (GHz)}}) \leq 3.0$$

$$\left(\frac{\text{max.power of channel,including tune-up tolerance,mW}}{5 \text{ mm}} \right) \times (\sqrt{2.402 \text{ (GHz)}}) \leq 3.0$$

Max. power of channel, including tune-up tolerance = 7.75mW

The EUT complies with the SAR Test Exclusion Thresholds for worst case channel 2402MHz at 5 mm having an EIRP of 5.5mW (7.4 dBm EIRP) and being less than the max. power of channel allowed, including tune-up tolerance which is 7.75mW.

Exemption Limits for Routine Evaluation — SAR Evaluation (RSS-102 Clause 2.5.1)

Frequency (MHz)	At separation distance of ≤5 mm	At separation distance of ≤10 mm
2402	4.2 mW	7.2 mW

With an EIRP of 5.5mw, the EUT complies with the Exemption Limits if the separation distance is 7.5 mm. This is easily achieved as the EUT is a USB dongle and the typical separation distance from the end user is > 7.5 mm.



America

Sincerely,



Ferdie S. Custodio

Name

Authorized Signatory

Title: Senior EMC Test Engineer / Wireless Team Lead