January 11, 2017

TUV SUD BABT
Octagon House, Concorde Way
Segensworth Rd N, Fareham
PO15 5RL

Attention: Director of Certification

RE: Analysis of RF Exposure for Portable and Mobile use per KDB 447498 D01 Mobile Portable RF Exposure v06

FCC ID: 2AKJ9HMP001

Portable exposure SAR Exemption Calculation using a separation distance of 15 mm:

As per Clause 4.3.1.1 of KDB 447498 D01 v06:

$$\left(\frac{\text{max.power of channel,including tune}-\text{up tolerance,mW}}{\text{min.test separation distance,mm}}\right) \times \left(\sqrt{f\ (GHz)}\right) \leq 7.5$$

$$\left(\frac{30.69\ \text{mW}}{15\ \text{mm}}\right) \times \left(\sqrt{2.462(GHz)}\right) \leq 7.5$$
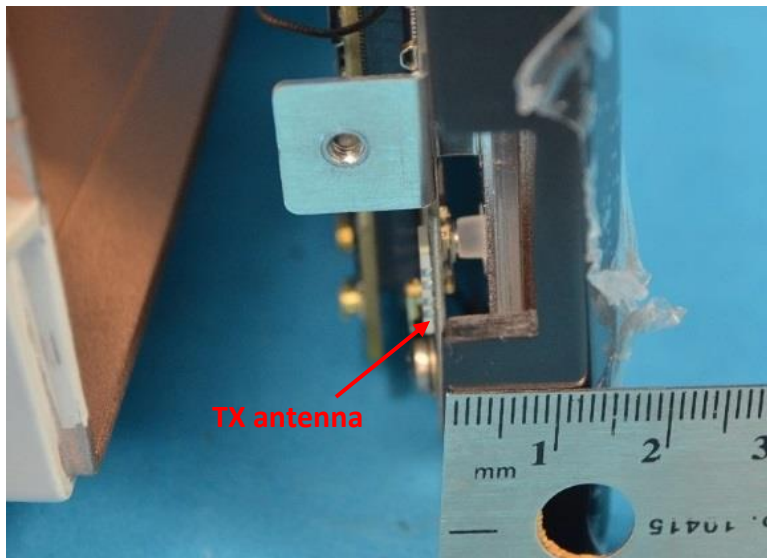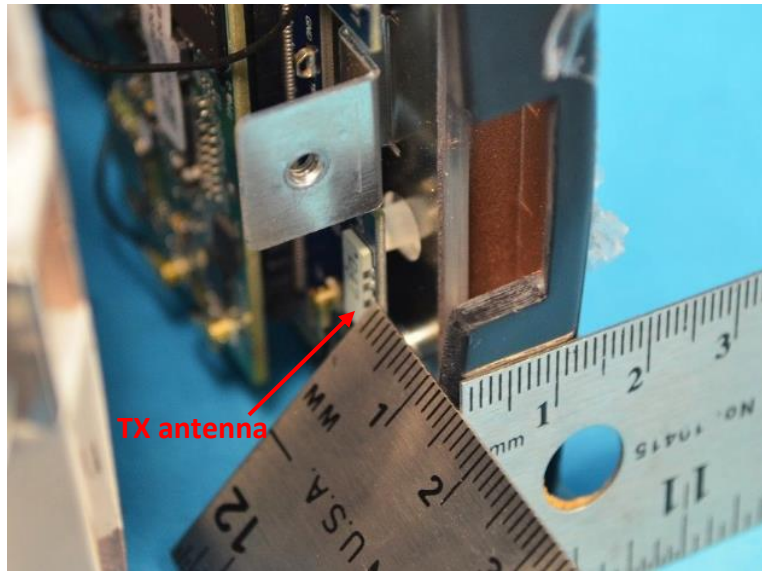
$$3.210 \leq 7.5 \text{ (complies)}$$

The above calculations are based on the measured time-averaged maximum conducted output power.

The test separation distance of 15 mm used in the calculations corresponds to the minimum distance between the transmitting antenna and the outer EUT surface accessible to the user as it's shown in the below pictures.

TX antenna

TX antenna

Sincerely,

Nikolay Shtin
Name
Authorized Signatory
Title: EMC/Wireless Test Engineer