



September 28, 2016

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 and RSS-102 Issue 5 March 2015**

FCC ID: TCN015  
IC: 5103A-015

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

As per Clause 4.3.1.1 of KDB 447498 D01 v06:

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

$$\left( \frac{0.00009487 \text{ mW}}{5 \text{ mm}} \right) \times (\sqrt{0.01356 \text{ (GHz)}}) \leq 3.0$$

$$2.209\text{e-}6 < 3.0 \text{ (complies)}$$

The above calculation is based on time-averaged maximum radiated output power of 0.00009487 mW which was calculated from the maximum measured emissions field strength of 55.00 dBuV/m @ 3 meters.

The EUT complies with the exemption limits for routine evaluation based on frequency and separation distance as per Table 1 of RSS-102 Issue 5 March 2015. The EUT max power is below 71.0 mW exemption limit given for the separation distance less than 5 mm.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nikolay Shtin'.

Nikolay Shtin

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Name

Authorized Signatory

Title: EMC/Wireless Test Engineer