



December 18, 2015

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 RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices v06 and RSS-102 Issue 5 March 2015**

IC: 20849-3PA  
FCC ID: 2AG0Z3P-A

***Mobile MPE Calculation Summary using a 20cm separation distance:***

Using Power Density formula:

$$S = \frac{PG}{4\pi R^2}$$

where: S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to isotropic

R = distance to the center of radiation of the antenna

Maximum peak output power at antenna input terminal:	2.57	(dBm)
Maximum peak output power at antenna input terminal:	1.81	(mW)
Antenna gain(typical):	2.12	(dBi)
Maximum antenna gain:	1.629	(numeric)
Prediction distance:	20	(cm)
Source Based Time Average Duty Cycle:	100	(%)
Prediction frequency:	2404	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1.000	(mW/cm <sup>2</sup> )
Power density at prediction frequency:	0.00059	(mW/cm <sup>2</sup> )
Power density at prediction frequency:	0.006	(W/m <sup>2</sup> )
Margin of Compliance:	-32.32	(dB)



America

Sincerely,



Ferdie S. Custodio

Name

Authorized Signatory

Title: Senior EMC/Wireless Test Engineer