



May 08, 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 Mobile Portable RF Exposure v05r02 and RSS-102 Issue 5 March 2015.

FCC ID: SGWIPS2007SSPM
IC: 11583A-IPS2007SSPM
Model: M5CDMA; M5GSM3G

1. Mobile MPE Calculation Summary using a 20cm separation distance (Applies only to radio/s affected by C2PC):

Mode	Output Power	Power Density (mW/m ²)
RFID	0.0006267 mW EIRP	0.00000011
400 MHz	RX Only	-

2. Mobile MPE Calculation using a 20cm separation distance (RFID):

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

Measured Field Strength --Radiated:	62.6	(dBμV/m)
Maximum peak output power --Radiated:	0.0000005	(W)
Antenna gain(typical):	0	(dBi)
Maximum antenna gain:	1.0	(numeric)
Prediction distance:	20	(cm)
Prediction frequency:	13.56	(MHz)
Limit at prediction frequency:	0.9789	(mW/cm ²)



Power density at prediction frequency: **0.00000011** (mW/cm²)
Margin of Compliance: **-69.55** (dB)

Sincerely,

A handwritten signature in black ink, appearing to read "Ferdie S. Custodio". The signature is written in a cursive style with a horizontal line underneath it.

Ferdie S. Custodio

Name

Authorized Signatory

Title: Senior EMC/Wireless Test Engineer