



February 06, 2018

TUV SUD BAPT
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: LTQJ3TR
IC: 3659A-J3TR

1. Mobile MPE Calculation Summary using a 20cm separation distance:

Mode	Output Power	Power Density (mW/cm ²)
J3TR 76-77 GHz Vehicular Short-Range Radar	118.52 dBμV/m @ 3 meters	0.04244743

2. Mobile MPE Calculation 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

Measured Field Strength --Radiated:	118.52	(dBuV/m)
Maximum peak output power --Radiated:	213.3640	(mW)
Antenna gain(typical):	0.00	(dBi)
Maximum antenna gain:	1	(numeric)
Prediction distance:	20.00	(cm)
Prediction frequency:	76000	(MHz)
Applied Limit:	1	(mW/cm ²)
Power density at prediction frequency:	0.04244743	(mW/cm ²)
Margin of Compliance:	-13.72	(dB)



America

Sincerely,


Ivan Retana

Name

Authorized Signatory

Title: EMC/Wireless Test Engineer