

Apparatus: WIZZILAB DASH7 RF MODULE
RF Exposure Considerations for FCC ID: 2ARZVWM

The calculation of the MPE is as following:

Prediction of MPE limit at a prediction distance:

$$S = \frac{P.G}{4.\pi.R^2} = \frac{E.I.R.P}{4.\pi.R^2}$$

S: Power density (mW/cm²)

P: Peak output power at antenna terminal (mW)

G: Numerical Antenna gain

R: Distance of radiation to antenna (cm)

MPE

F = 903.9 / 908.3MHz

P = 41.7mW (14dBm + 2.2dBi)

GidB = 2.2dBi

R= 20cm

S=0.0083mW/cm²

MPE limit for uncontrolled exposure: 0.6mW/cm²

→ Below MPE limit

Conclusion: Therefore the device complies with FCC's RF radiation exposure limits for general population for a mobile device.

Certified By

Laurent CHAPUS (Agent for this device)

SMEE

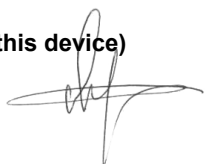
Rue de Taille

ZI des Blanchisseries

38500 Voiron - France

laurent.chapus@smee.fr

FCC Registration Number: 0020356952 (FRN)



Applicant for this device:

WIZZILAB SAS

29 boulevard Romain Rolland

92120 MONTROUGE - FRANCE

Yordan TABAKOV

yordan@wizzilab.com (CTO)

+33 661 574 896

COORDONNEES

SMEE

Rue de Taille – ZI Des Blanchisseries

38500 VOIRON - France

TEL : 04 76 65 76 50

FAX : 04 76 66 18 30

SAS au capital de 50 000 € / RC Grenoble B534 796 453 / SIRET 534 796 453 00015 / code APE 7490B / n° TVA : FR 59 534 796 453