

Apparatus: NEMEUS MM002-LS-US
RF Exposure Considerations for FCC ID: 2AKSYMM002XUS

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 = 902.3 / 927.5MHz

P = 100mW

GidB = 2.2dBi / G = 1.66

R= 20cm

S=0.033mW/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

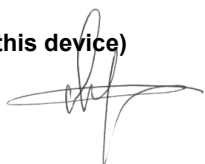
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