FCC
Federal Communications Commission

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RF exposure requirements - FCC ID: IHDT6ED1

Dear Application Examiner,

The maximum measured power output is 1,11 mW (0,45 dBm), the maximum antenna gain is 0 dBi = numeric gain 1 (see also FCC test report - Exhibit B)

The maximum permissable exposure is defined in 47 CFR 1.1310 with 1 mW/cm². The distance from the EUT's transmitting antenna where the exposure level reaches the maximum permitted level is calculated using the general equation:

$$S = P*G / 4\pi R^2$$

S_{max} = 1mW/cm², P = 1,11 mW, linear power gain relative to the isotropic radiator = 0 dBi = 1 (numeric gain), R = distance in cm

Solving for R, the 1mW/cm² limit is reached in a distance of 0,297 cm to the transmitting antenna.

Please contact us if you have any additional questions.

Best Regards

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