

RF Exposure / SAR Statement
No. : 10068267S-H

Applicant : Hitachi Maxell, Ltd.
Type of Equipment : Miracast Module
Model No. : WHD0070-D103
FCC ID : 2ABS4-WHD0070

Hitachi Maxell, Ltd. declares that Model : Miracast Module
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "WHD0070-D103" as calculated from FCC Part 1, §1.1310, TABLE 1 (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0mW/cm² uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P = 471.22 mW (Maximum peak output power)
G = 1.12 Numerical Antenna gain; equal 0.49 dBi
r = 20.0 cm

For: WHD0070-D103

S = 0.10494 mW/cm²

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