

RF Exposure / SAR Statement

No. : 29EE0038-YK-01-B

[illegible]

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| PIONEER CORPORATION declares that Model : Bluetooth Adapter | | | | | |
| complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. | | | | | |
| The “AS-BT100“ has 1.38 mW of conducted Peak Output power and 1.8 mW of EIRP. | | | | | |
| This equipment is considered as a mobile device so that SAR testing is excluded. | | | | | |
| The Following calculation is the reference data for 20cm distance. | | | | | |

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| RF Exposure Calculations: | | | | | | | | |
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| The following information provides the minimum separation distance for the highest gain antenna provided with the “AS-BT100“ as calculated from FCC OET Bulletin 65 Appendix A, Table (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/cm ² uncontrolled exposure limit. The Friis formula used was: | | | | | | | | |
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| | S = (P * G) / (4* π * r ²) | | | | | | | | | |
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|--|------------|-------------|-----------------------------------------|--|--|-------------|-------------|--|--|
| | P = | 1.38 | mW (M aximum peak output power) | | | | | | |
| | G = | 1.30 | Numerical Antenna gain; equal to | | | 1.15 | dB i | | |
| | r = | 20.0 | cm | | | | | | |

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| For: AS-BT100 | | | | | S = | 0.00036 | mW/cm ² | | | |
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| For: AS-BT100 | | | | | S = | 0.00036 | mW/cm ² | | | |
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