

# **Appendix 5**

## **RF Exposure Information**

Model: 3971

**Maximum transmitter power:**

| Frequency (MHz) | Maximum peak output power (dBm) | Output power(mW) |
|-----------------|---------------------------------|------------------|
| 13.56           | -52.6                           | 0.000005         |

**For FCC**

According to KDB 447498 D01:

The threshold for frequency MHz and *test separation distances*  $\leq 50$  mm is: 443mW

**Conclusion:**

No SAR is required.

**For IC**

According to table 1 in RSS-102 Issue 5, below exemption limit is applied

Frequency: 13.56MHz

At separation distance of  $\leq 5$ mm

Exemption limits: 71mW

**Conclusion:**

The maximum peak output power of the transmitter is less than the SAR evaluation exemption threshold and hence it complies with the RSS-102 RF exposure requirement