**Digital protocol requirements check sheet**

We guarantee that the following requirements have been satisfied.

Date of application:

**Applicant information**

**Company name:**

**Applicant**

Applicant name:       Signature

E-mail address:

Department:

**Authorization**

Authorized by:       Signature:

Title:

**Information on the product to be tested**

Model of the product:

Enter the certification number if the product is an NFC Forum certified device.

CR Ver.:       Certification ID:

**If the Requirements are satisfied, check mark YES in the Check column in the following table.**

The following items are for all the samples of all the products to be submitted to the Certification Test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Item | Functionality | Category | **Check** |
| 6.6 | Coding system | Are all preambles sent in 48 bits? | M | **YES** |
| 6.7.3 | Request command format for only enabling e-money payments | Are System Code, Request Code, and Time Slot correctly set in the Polling command sent from the Reader/Writer?  Note: Specify the sequence figure, System Code, and Request Code chosen for the evaluation. | M | **YES**  **Fig. 3 or** **Fig. 4**  **SC=**        **RC=** |
| 6.9 | Guard time | Is the RF output turned on at least 30 ms after it is turned off? Is the first FeliCa frame sent at least 20.4 ms after the RF output is turned on? | M | **YES** |
| 6.10 | Frame structure | The end of the frame is calculated by LEN and the coding state after CRC is ignored. | M | **YES** |
| Please select one of the following regarding the test method you conducted.  **FeliCa Evaluation Lab**  **FeliCa Reader/Writer RF Certification Pre-test**  **Use the DP TestBoard lent to you**  **NFC Forum Certification Test** | | |

**The following question determines whether your product falls into the category of Conditional. Check mark either answer.**

|  |  |
| --- | --- |
| Do your samples support NFC-DEP(F)? | **YES or** **No** |

If the answer is YES, also check the following for your samples (which support NFC-DEP(F)).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Item | Functionality | Category | **Check** |
| 6.8.3 | Request command format for enabling e-money payments and performing peer-to-peer communication based on NFC-DEP(F) | Are System Code, Request Code, and Time Slot correctly set in the Polling command sent from the Reader/Writer? | C | **YES** |
| 6.8.4 | Response format for enabling e-money payments and performing peer-to-peer communication based on NFC-DEP(F) | Do the first two Bytes of IDm in the Polling response sent from devices such as smartphones indicate T3T or NFC-DEP(F)? | C | **YES** |

**Information for consideration**

Japan Electronic-money Promotion Association published a "Guidelines for implementing e-money payment terminals supporting NFC/FeliCa" document to avoid a number of interoperability issues that can potentially occur between FeliCa based e-money payment terminals and NFC mobile devices. To improve the interoperability of FeliCa devices, please refer to the details

http://www.felicatech.org/readerwriter/guideline.html

Remarks: