

# FCC Part 15D – APPLICATION FORM & SELF-DECLARATION

|                   |                                                                                              |         |                 |
|-------------------|----------------------------------------------------------------------------------------------|---------|-----------------|
| Applicant Name    | Xingtel Xiamen Group Co., Ltd.                                                               |         |                 |
| Address           | Xingtel Building, Chuangxin Road, Torch Hi-Tech Industrial District, Xiamen 361006, PR China |         |                 |
| Contact person    | Simon Liu                                                                                    |         |                 |
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| Manufacturer Name | Xingtel Xiamen Group Co., Ltd.                                                               |         |                 |
| Address           | Xingtel Building, Chuangxin Road, Torch Hi-Tech Industrial District, Xiamen 361006, PR China |         |                 |

|                        |                          |                          |                  |
|------------------------|--------------------------|--------------------------|------------------|
|                        | PP                       | FP                       |                  |
| FCC ID                 | QMHI800                  | QMHI800                  |                  |
| Model Number           | i-800                    | i-800                    |                  |
| HW version             | I800-HS1-20120503        | I800-HS1-20120503        |                  |
| SW version             | I800-PT1.22usaOct 4 2012 | I800-PT1.22usaOct 4 2012 |                  |
| Antenna Type           | MONOPOLE                 | MONOPOLE                 |                  |
| Max. Antenna Gain(dBi) | 0                        | 0                        |                  |
| Mains Power Voltage    |                          | Adapter Input            | 110~240V,50/60Hz |
|                        |                          | Adapter Output           | DC7.5V /2A       |
|                        |                          | FP Inport                | DC 7.5 V         |
| Battery Voltage        | DC 3.7 V                 |                          |                  |

|                                 |                                                                                                                        |          |          |          |          |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|
| Number of channels              | 5                                                                                                                      |          |          |          |          |
| Carrier frequency(MHz)          | 1921.536                                                                                                               | 1923.264 | 1924.992 | 1926.720 | 1928.446 |
| Nominal Receive Bandwidth       | +/- 500KHz                                                                                                             |          |          |          |          |
| Frame period(ms)                | 10                                                                                                                     |          |          |          |          |
| Timeslot Plan                   | 24 timeslots per frame. First 12 timeslots used for PP transmissions and other 12 timeslots used for FP transmissions. |          |          |          |          |
| Operating Temperature Range(°C) | Min                                                                                                                    | -20°C    | Max      | 50°C     |          |

|                                                                                                                                                              |                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Does a system built with the EUT that implement the provisions of 47CFR 15.323(c) (5) enabling the use of the upper threshold for deferral?                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| According to 47CFR 15.323(c) (5).4, does your model not use bandwidth in further cooperation with other devices at any range?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Does a system built using the EUT that operate under the provisions of 47CFR 25.323(c) (6) incorporating provisions for waiting for a channel to clear?      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| According to 47CFR 15.323(c) (8), does EUT use the same antennas for transmission and reception as for monitoring?                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Does a system built with the EUT that operate under the provisions of 47CFR 15.323(c) (10) to test for deferral only in conjunction with a companion device? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Does a system built using the EUT that operate under the provisions of 47CFR                                                                                 |                                                                     |

|                                                                                                                           |                                                                                                                                                                     |                                  |                                                                     |    |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|----|
| 15.323(c) (11) enabling the access criteria check on the receive channel while in the presence of collocated interferers? |                                                                                                                                                                     |                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |    |
| According to 47CFR 15.323(c) (12), does EUT not work in a mode with denies fair access to spectrum for other devices.     |                                                                                                                                                                     |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |    |
| Does you model have the monitoring made through the radio receiver used for communication?                                |                                                                                                                                                                     |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |    |
| Does your model transmit control and signaling channels?                                                                  |                                                                                                                                                                     |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |    |
| According to 47CFR 15.307(b), does the applicant have the affidavit from UTAM Inc.?                                       |                                                                                                                                                                     |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |    |
| According to 47CFR 15.319(b), do all transmissions use only digital modulation techniques?                                |                                                                                                                                                                     |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |    |
| The provisions within the EUT for self-check, by which compliance with 47CFR 15.319(f) is obtained.                       | A – Connection break down, cease of transmit                                                                                                                        | Situation                        | Reaction of EUT                                                     |    |
|                                                                                                                           | B – Connection break down, EUT transmits its signaling information<br>C – Connection break down, compare device transmits signaling information<br>N – Not possible | Switch-off compare device        | FP                                                                  | PP |
|                                                                                                                           |                                                                                                                                                                     | Hook-on by compare device        | B                                                                   | A  |
|                                                                                                                           |                                                                                                                                                                     | Switch-off by EUT                | B                                                                   | N  |
|                                                                                                                           |                                                                                                                                                                     | Hook-on at EUT side              | A                                                                   | A  |
|                                                                                                                           |                                                                                                                                                                     | Remove Power from EUT            | B                                                                   | A  |
|                                                                                                                           |                                                                                                                                                                     | Remove Power from compare device | A                                                                   | A  |

Date: 2013-02-28

Title: Simon Liu

Signature:

