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| 蓝牙 认证申请表 / Bluetooth Qualification Application Form |
| **1. Product Technology Information***(Note that fields 1 are required for* ***RF*** *test and that fields marked with an asterisk (\*) are* **necessary***.)* |
| BT Specification Version\* | [ ]  4.2 ([ ] BR [ ] +EDR ([ ] π/4-DQPSK, 2 Mbit/s [ ] 8DPSK, 3 Mbit/s) [ ] BLE [ ] +HS) |
| [ ]  5.0 ([ ] BR [ ] +EDR ([ ] π/4-DQPSK, 2 Mbit/s [ ] 8DPSK, 3 Mbit/s) [ ] BLE [ ] +HS) |
| [ ]  5.1 ([ ] BR [ ] +EDR ([ ] π/4-DQPSK, 2 Mbit/s [ ] 8DPSK, 3 Mbit/s) [ ] BLE [ ] +HS) |
| [ ]  5.2 ([ ] BR [ ] +EDR ([ ] π/4-DQPSK, 2 Mbit/s [ ] 8DPSK, 3 Mbit/s) [ ] BLE [ ] +HS) |
| Maximum Packet Length(4.2/5.0/5.1/5.2 only)\* | Maximum TX Packet Length [ ]  Normal (37 Bytes) [ ]  Other       (Bytes) |
| Maximum RX Packet Length [ ]  Normal (37 Bytes) [ ]  Other       (Bytes) |
| RF-PHY ICS(5.0/5.1/5.2 BLE only)\* | Please fill in the table in [Annex A](#_Annex A RF-PHY ICS(Implementation Conformance Statement )) (Page 3). |
| Power Class(BR/EDR only)\* | [ ]  1 (>0 dBm) [ ]  2 (-6~+4 dBm) [ ]  3 (<0 dBm) [ ]  According to the actual power of the sample |
| Power Source Type\* | [ ]  Battery [ ]  AC Main [ ]  DC Power [ ]  Other Type     [ ]  According to the actual sample |
| Power Source Value\* | Nominal      (V) | Operating Temperature | Nominal\*      (°C) |
| BT Antenna Peak Gain\* |       (dBi) | RF Cable Loss (If any) |       (dB) |
| **2. Product Category and Layers Select***(Note that fields 2 are required for* ***Profile*** *test and that fields marked with an asterisk (\*) are* **necessary***.)* |
| BR/EDR Profile \* | [ ]  **According to the actual profiles of the sample**[ ]  **Provide by Customer** *(The following Check Boxes)**[ ] IOP [ ] A2DP [ ] GAVDP [ ] AVRCP [ ] HFP [ ] HSP [ ] OPP [ ] PAN [ ] PBAP[ ] MAP [ ] FTP [ ] HID [ ] DID [ ] SAP [ ] DUN [ ] BIP* *[ ] AVCTP [ ] SYNC[ ] AVDTP [ ] RFCOMM [ ] SPP* *[ ] 3DSP [ ] BPP [ ] BPP1.2 [ ] GNSS [ ] VDP[ ] HCRP [ ] HCRP1.2 [ ] HDP [ ] HID1.1 [ ] MCAP [ ] MD [ ] MP [ ] MPS [ ] Others* |
| GATT Based Profile (4.2/5.0/5.1/5.2 Option) \* | [ ] ANP [ ] ANS [ ] BAS [ ] BLP [ ] BLS [ ] CTS [ ] CPP [ ] CPS [ ] CSCS [ ] CSCP[ ] DIS [ ] FMP [ ] GLP [ ] GLS [ ] HOGP [ ] HIDS [ ] HRP [ ] HRS [ ] HTP [ ] HTS [ ] HRP [ ] HRS [ ] IAS [ ] LLS [ ] LNP [ ] LNS [ ] NDCS [ ] PASP [ ] PASS [ ] PXP [ ] SCPP [ ] SCPS [ ] RSCP [ ] RSCS [ ] RTUS [ ] TIP [ ] TPS [ ] Others      |
| Core Protocol(If applicable) | [ ] RF [ ] BB [ ] LMP [ ] HCI [ ] L2CAP [ ] SDP [ ] GAP[ ] 80211PAL [ ] 80211 MAC-PHY [ ] AMPHCI [ ] A2MP ***(HS Option)***[ ] LL [ ] RF-PHY [ ] 4.0HCI [ ] GATT [ ] ATT [ ] SM [ ] IAL ***(4.2 /5.0/5.1/5.2 Option)*** |
| **3.** **Product General Information***(Note that fields 3 are required for* ***Report*** *and that fields marked with an asterisk (\*) are* **necessary***.)* |
| **3.1 Applicant Information\*** |
| Company Name\* |       |
| Address\* |       |
| Contact\* | Name\* |       | Telephone\*       |
| E-mail\* |       |
| **3.2 Manufacturer Information\*** | **[ ]  Same as Applicant** |
| Company Name\* |       |
| Address\* |       |
| **3.3 Product Information\*** |
| Design / Product Name\* |       | Model Number\***Maximum Length: 20****Invalid characters: , / \ \* = & ( ) @ : ; “ ‘ < >** |       |
| Brand Name\* |       | BT Chip Model |       |
| Hardware version\* |       | Software version\* |       |
| Product Brief Description\* |       |
| Product Type | [ ] End Product | [ ] Others |       |
| Category | [ ] Audio and Visual Automotive Gaming [ ] Handheld [ ] Headset Home Environment Input Devices Medical Phone Mobile Phone Accessory Office Equipment Personal Computer Unique Products Software |
| **4. Additional Information***(Note that fields 5 are required for* ***BQE Review*** *and that fields marked with an asterisk (\*) are* **necessary***.)* |
| [ ] User Manual**\*** | [ ] Circuit schematics & PCB/ Component Layout & Bill of materials etc.**\*** |
| [ ] Software design documentation in the form of source code, software models, SDL, etc. |
| **5. SIG Information***(Note that fields 4 are required for* ***Listing*** *and that fields marked with an asterisk (\*) are* **necessary***.)* |
| SIG Member Type | [ ]  Adopter [ ]  Associate [ ]  Promoter [ ]  Not yet (Refer field 6) |
| User ID\* |       | User Key\* |       |
| Available Declaration ID\* | [ ] Any available DID | [ ] Specified DID      | [ ] Not yet (Refer to field 6) |
| Product Website\* |       |
| **6. Used Qualified Pre-tested Components** |
| Chipset QDID |       |
| Module QDID |       |
| Firmware Stack QDID |       |
| Project/ ICS\* | [ ]  Provide by BALUN [ ]  Provide by Client |
| **7. Service Requirement** |
| SIG Membership Registration | [ ]  No Required | [ ]  Require Adopter | [ ]  Require Associate |
| Declaration ID Apply | [ ]  Not Required |
|  | [ ]  BALUN Apply Invoice & Payment (BALUN 申请发票并代付款) |
|  | [ ]  BALUN Apply Invoice & Paid by Client (BALUN 申请发票客户支付) |
| IIP Service | [ ]  Not Required | [ ]  BALUN Assist | [ ]  By Client |
| **Customer Confirmation** |
| Type of Service | [ ]  Regular/常规 | [ ]  Express/加急[30% charge in additional] |
|  | [ ]  Immediate/特急 [100% charge in additional] |
| Print Name:       | Signature:       | Date:       | Remark:       |

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###### Annex A RF-PHY ICS(Implementation Conformance Statement )

Annex A is required for ***Core 5.0/5.1/5.2 BLE***, and it is **necessary.**

###### Table 1: Bluetooth LE RF-PHY Capabilities

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Capability | Status | Support[Yes] or [No] |
| 1 | LE Transmitter (Non-connectable,Broadcaster) | C.1   | [ ]  [ ]  |
| 2 | LE Receiver (Non-connectable, Observer) | C.1   | [ ]  [ ]  |
| 3 | LE Transceiver (Connectable, Peripheral/Central) | C.1   | [ ]  [ ]  |
| 4 | LE 2M PHY  | C.2   | [ ]  [ ]  |
| 5 | Stable Modulation Index - Transmitter  | C.3   | [ ]  [ ]  |
| 6 | Stable Modulation Index - Receiver  | C.4   | [ ]  [ ]  |
| 7 | LE Coded PHY  | C.2   | [ ]  [ ]  |
| 8 | Transmitting Constant Tone Extensions | C.3   | [ ]  [ ]  |
| 9 | 2 µs Antenna Switching During Constant Tone Extension Transmission (AoD) | C.5   | [ ]  [ ]  |
| 10 | 1 µs Antenna Switching During Constant Tone Extension Transmission (AoD) | C.6   | [ ]  [ ]  |
| 11 | 2 µs Antenna Sampling During Constant Tone Extension Reception (AoD) | C.4   | [ ]  [ ]  |
| 12 | 2 µs Antenna Switching and Sampling During Constant Tone Extension Reception (AoA) | C.7   | [ ]  [ ]  |
| 13 | 1 µs Antenna Sampling During Constant Tone Extension Reception (AoA) | C.7   | [ ]  [ ]  |
| 14 | 1 µs Antenna Switching and Sampling During Constant Tone Extension Reception (AoA) | C.8   | [ ]  [ ]  |
| C.1: Mandatory to support at least one of these capabilities. Note that selecting both RF PHY 1/1 “LE Transmitter” and RF PHY 1/2 “LE Receiver” is equivalent to selecting RF PHY 1/3 “LE Transceiver” and vice versa.C.2: Excluded IF SUM ICS 21/14 “Core v4.2” is supported, otherwise Optional.C.3: Excluded IF SUM ICS 21/14 “Core v4.2” is supported, otherwise Optional IF RF PHY 1/1 “LE Transmitter” OR RF PHY 1/3 “LE Transceiver” is supported, otherwise Excluded.C.4: Excluded IF SUM ICS 21/14 “Core v4.2” is supported, otherwise Optional IF RF PHY 1/2 “LE Receiver” OR RF PHY 1/3 “LE Transceiver” is supported, otherwise Excluded.C.5: Optional IF RF PHY 1/8 “Transmitting Constant Tone Extensions” is supported, otherwise Excluded.C.6: Optional IF RF-PHY 1/9 “2 μs Antenna Switching During Constant Tone Extension Transmission (AoD)” is supported, otherwise Excluded.C.7: Optional IF RF PHY 1/11 “2 µs Antenna Sampling During Constant Tone Extension Reception (AoD)” is supported, otherwise Excluded.C.8: Mandatory IF RF PHY 1/12 “2 µs Antenna Switching and Sampling During Constant Tone Extension Reception (AoA)” and RF/PHY 1/13 “1 µs Antenna Sampling During Constant Tone Extension Reception (AoD)” are supported, otherwise Excluded. |

Table 2: Bluetooth LE Test Interface Capabilities

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Capability | Status | Support[Yes] or [No] |
| 1 | HCI Test Interface | C.1   | [ ]  [ ]  |
| 2 | UART Test Interface | C.1   | [ ]  [ ]  |
| C.1: At least one of the capabilities shall be supported. |