|  |  |  |
| --- | --- | --- |
| SPARK FINAL CHECKLIST | Sales Order |  |
|  | Cal Date |  |
|  | Test Station |  |

**Instrument Data, Record the Following Information**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model |  | Serial Number |  | Firmware |  |

**Power Consumption with Unit Powered On**

Vbatt = 3.0V Vbatt = 1.5V

706RC       mA (≤ 23mA) 705+ while powered w/o IR       mA (≤ 48mA)

703+       mA (≤ 20mA) 705+ during Blaze calibration       mA (≤ 61mA)

**Power Consumption with Unit in Off / Standby Mode**

706RC       mA (≤ 0.4mA) 703+       mA (≤ 0.6mA) 705+       mA (≤ 1.5mA)

#### Real Time Clock & Cal Offsets, Input = 1.0 Vrms @ 1000 Hz (approx. 130.0 dB SPL)

RTC OK?

C Weighted RMS        
C Weighted Peak

A Weighted RMS       (dB SPL, 130.0 ± 0.1)  
Un-Weighted Peak       (dB SPL, 133.0 ± 0.2)

**703+, 705+ LEDs 706RC LCD Display and Keypad**

GREEN OK?  RED OK?  Display and Backlight OK?  Keypad OK?

**Final Inspection Checklist - Indicate (√) that each item is correct for shipment**

Case Screws

Model Number

Serial Number

Battery Door

Calibration Certificate

Battery Polarity Stickers

Calibration Seal

Trim battery connection

Fingernail polish on   
internal screws of 705+

Hartford Firmware and  
Settings (see D0001.8072)

ATEX Batch code:

|  |  |  |
| --- | --- | --- |
| A705.21 | A706.11 | A705.22 |
|  |  |  |

ATEX critical safety parts   
verified (ATEX units only)

**Preamp Assembly**

Mic/Preamp (record model#)  MPR001  MPR002

Mic/Preamp (record SN#) B      B

A      A

Mic Cap and Lemo Connector are tightened

*(cap and connector cannot be removed with bare hands)*

Mic capsule is properly aligned

*(capsule is centered and is pushed  
 all the way forward in mic holder)*

**Microphone Calibration,**

**Calibrated at 114.0 dB SPL @ 250 Hz**

Calibration Offset       dB (6.0 to 14.0)

A Weighted RMS       dBμV (105.4 ± 0.3 dB)

Verify Peak Detector

All Data/Files Reset?

I706.07 accessories warning note if

using Korrvu packaging.

**ACOUSTIC AND SYSTEM TEST**

**Logistics**

System assembled and acoustic test performed (re-calibrate only if necessary) – Applies only to 706RC

Certificate of Calibration and Conformance printed and signed

Information entered into the database Entered by (initials):       Date:

**Quality Inspection**

Check certification date and/or manufacture date against unit & paperwork

Verify Calibration sticker and void sticker placed on unit (or fingernail polish on 705+ internal screws)

|  |  |
| --- | --- |
| **TECHNICIAN:** | **DATE:** |
| **LOGISTICS:** | **DATE:** |
| **QUALITY ASSURANCE:** | **DATE:** |