



PTCRB Project 79234

FAST-A-010-3(4) Rev F Product Certification

Exhibit B2 – Internal Photos of FAST-A-010-3(4) Rev F

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Product Designation:

Manufacturer: Pratt & Whitney Engine Services, Norwood
249 Vanderbilt Avenue
Norwood, MA 02062 USA

Marketing Name: FAST™ (Flight-data, Acquisition, Storage & Transmission)

HVIN- Part #/Rev: FAST-A-010-3/F FAST-A-010-4/F

FCC ID: 2AJ6A-FAST34F

IC_ID: 22451-FAST34F

Internal Photos:

The FAST product referenced in this document includes three sub-assembly PCBs and associated cable harnesses that become the internal workings of the FAST-A-010-3(4) Rev F product.

The following includes photos of the product sub-assemblies:

- 1) Full internal Assembly with cables
- 2) Control Processer (CP) main board
- 3) Micro-Server (MS) DaughterBoard
- 4) FLEX Board interface for signal and power

1) FAST-A-010-3(4) Rev F Full Internal Assembly

The following illustrates the full internal assembly of the FAST-A-010-3(4) Rev F product:

Note: Items marked “*” indicate components added from the previous Rev E - 3G configuration,
 Items marked “**” are component that were replaced from Rev E - 3G configuration.

Figure 1: Internal Side view

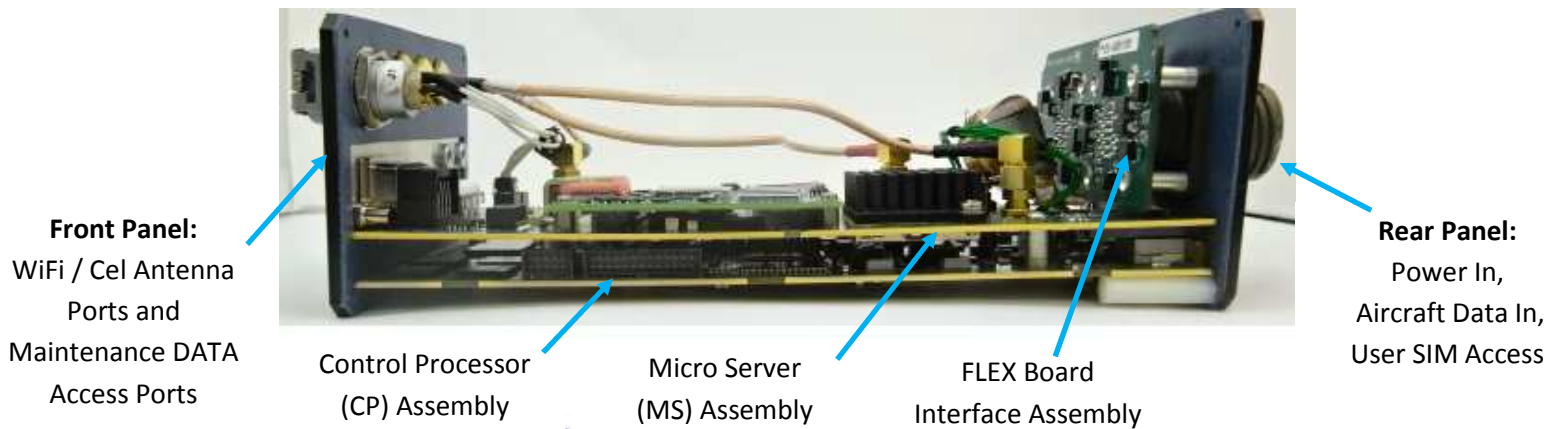
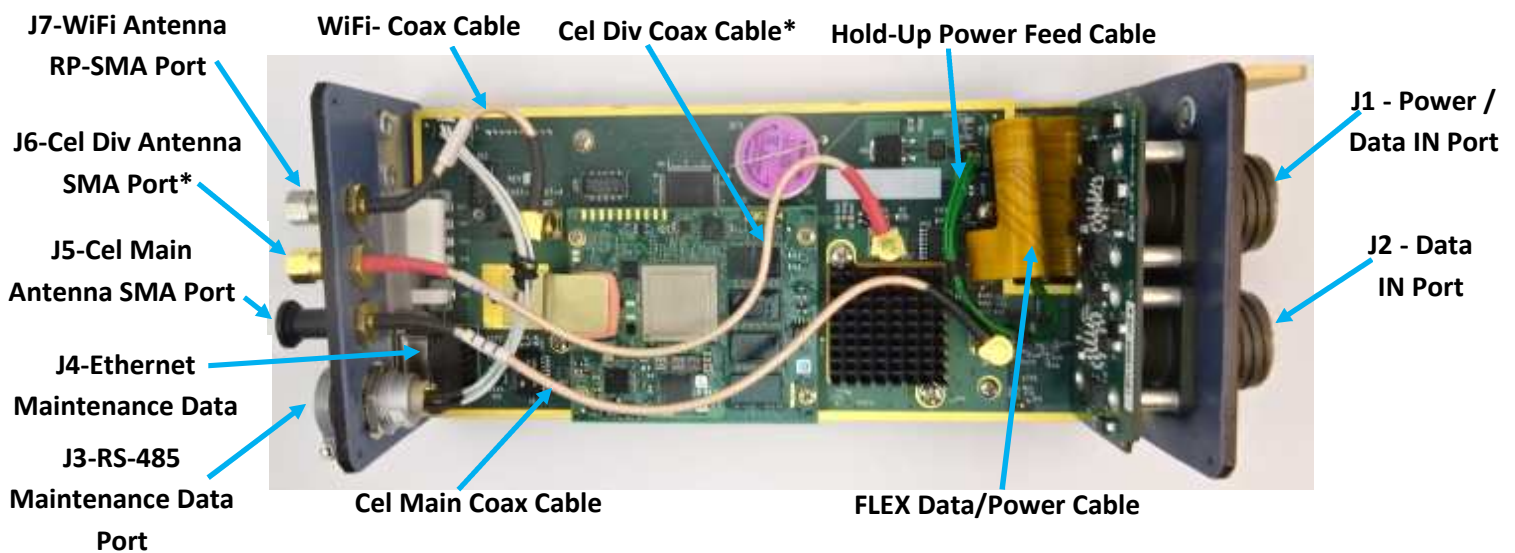


Figure 2: Internal TOP View



2) Control processor (CP) Main Sub Assembly

Note: There are no changes to the Control processor required for the FAST-A-010-3(4) Rev F product.

Figure 3: Control Processor Top View



Figure 4: Control Processor Bottom View



3) Micro-Server (MS) DaughterBoard Assembly

The following illustrates the assembly of the FAST-A-010-3(4) Rev F product:

Note: Items marked ‘*’ indicate components added from the previous Rev E - 3G configuration,

Items marked ‘**’ are component that were replaced from Rev E - 3G configuration.

Figure 5: FAST Rev F Micro-Server Top View

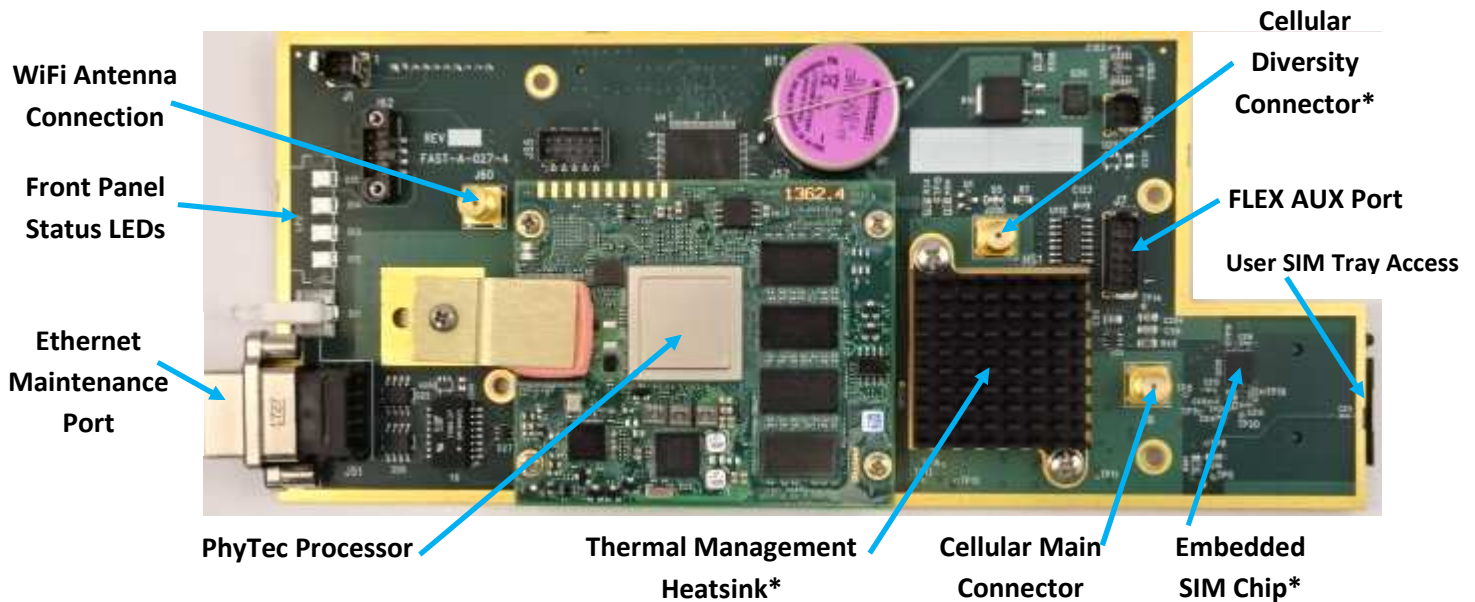
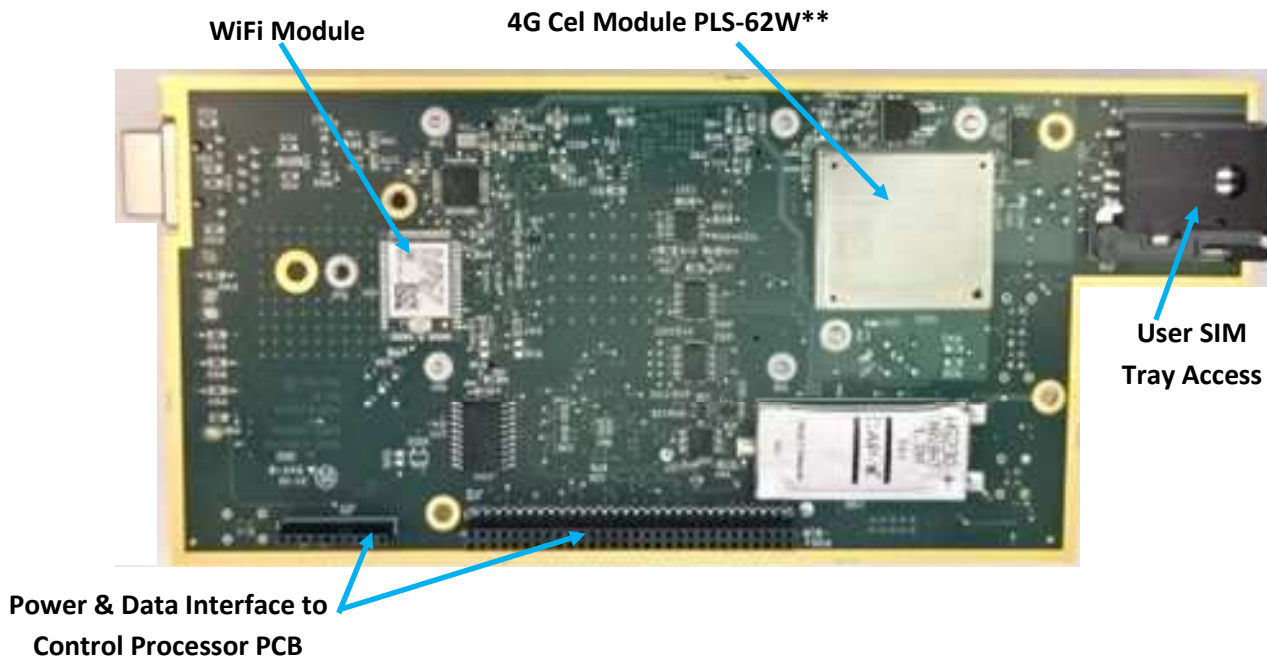


Figure 6: FAST Rev F Micro-Server Bottom View



4) FLEX Board Interface Assembly

Note: There are no changes to the FLEX board required for the FAST-A-010-3(4) Rev F product.

Figure 7: FLEX Board Top View



Figure 8: FLEX Board Bottom View

