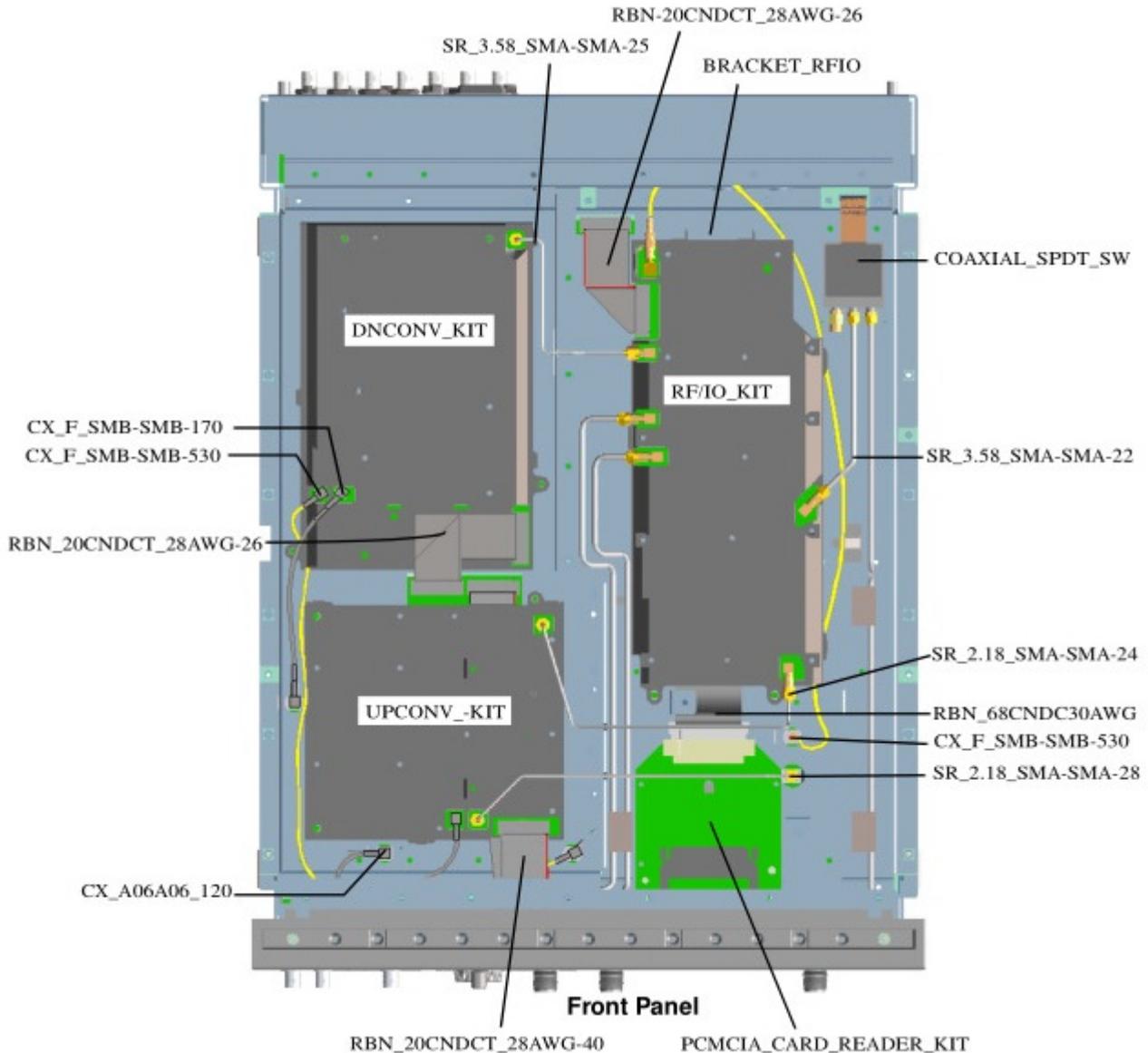


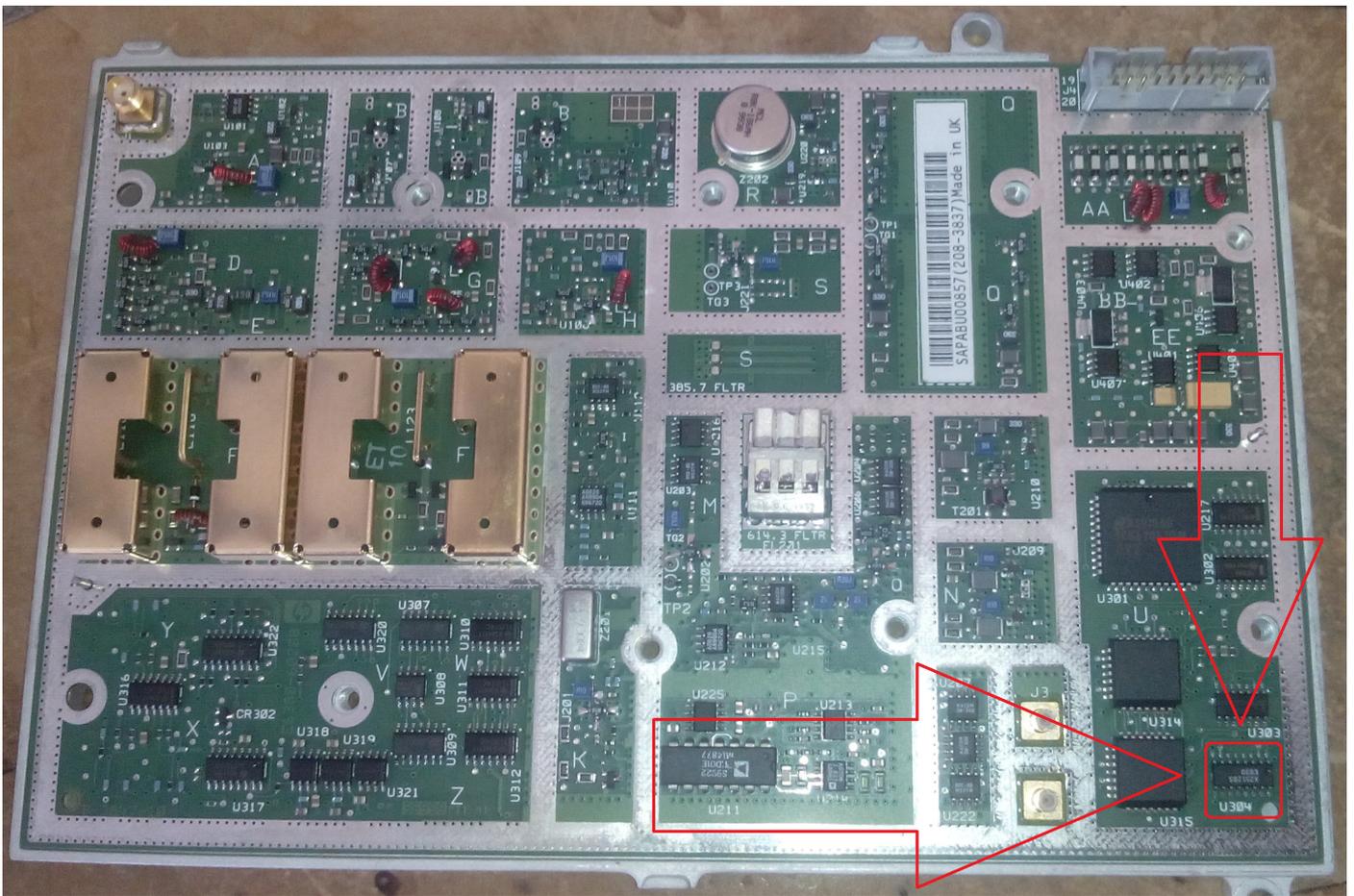
E8285A Down-converter Calibration Chip Install Notes.

By Chris Day – ZLICVD – Oamaru, New Zealand (zlicvd@gmail.com)

Figure 3-8 Bottom-Side Assemblies



- Remove 4x screws and rear case feet
- Remove side handles, 2 screws each
- Slide off outer cover
- Disassemble E8285A bottom cover
- Locate down-converter, unbolt J1 SMA hard-line RF connector & unplug J2 & J3 SMA connectors.
- Remove 4x T1.5 Torx screws securing down-converter & remove from E8285A assembly.
- Move down-converter to static safe work bench for further disassembly and SMD rework



- Remove 8x T1.5 Torx screws securing down-converter cover & carefully separate top cover taking care not to bend or otherwise distort the metal shielding gasket between top and bottom covers .
- Locate & replace U304 (a Xicor X25128S 128K SPI EEPROM)
- Reassemble & re-install down-converter.
- Power on. If upgrade was successful, you will see a brief message: “Updating flash calibration from file storage”

Ordering Information

The following limited stock is available:

- US\$ 50.00 - 1x pre-programmed Xicor X25128 128K serial E2PROM
- US\$ 130.00 - 2x PCMCIA Cards (E8285A Version 2.04 Firmware)
- All payments and refunds by PayPal
- Buyer responsible for all freight – depending on parcel size & weight outgoing freight charges are from US\$ 13 10 to 25 day not tracked air mail by NZ Post. EMS courier is also available which is tracked.
- Email your requirements to: zl1cvd@gmail.com

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