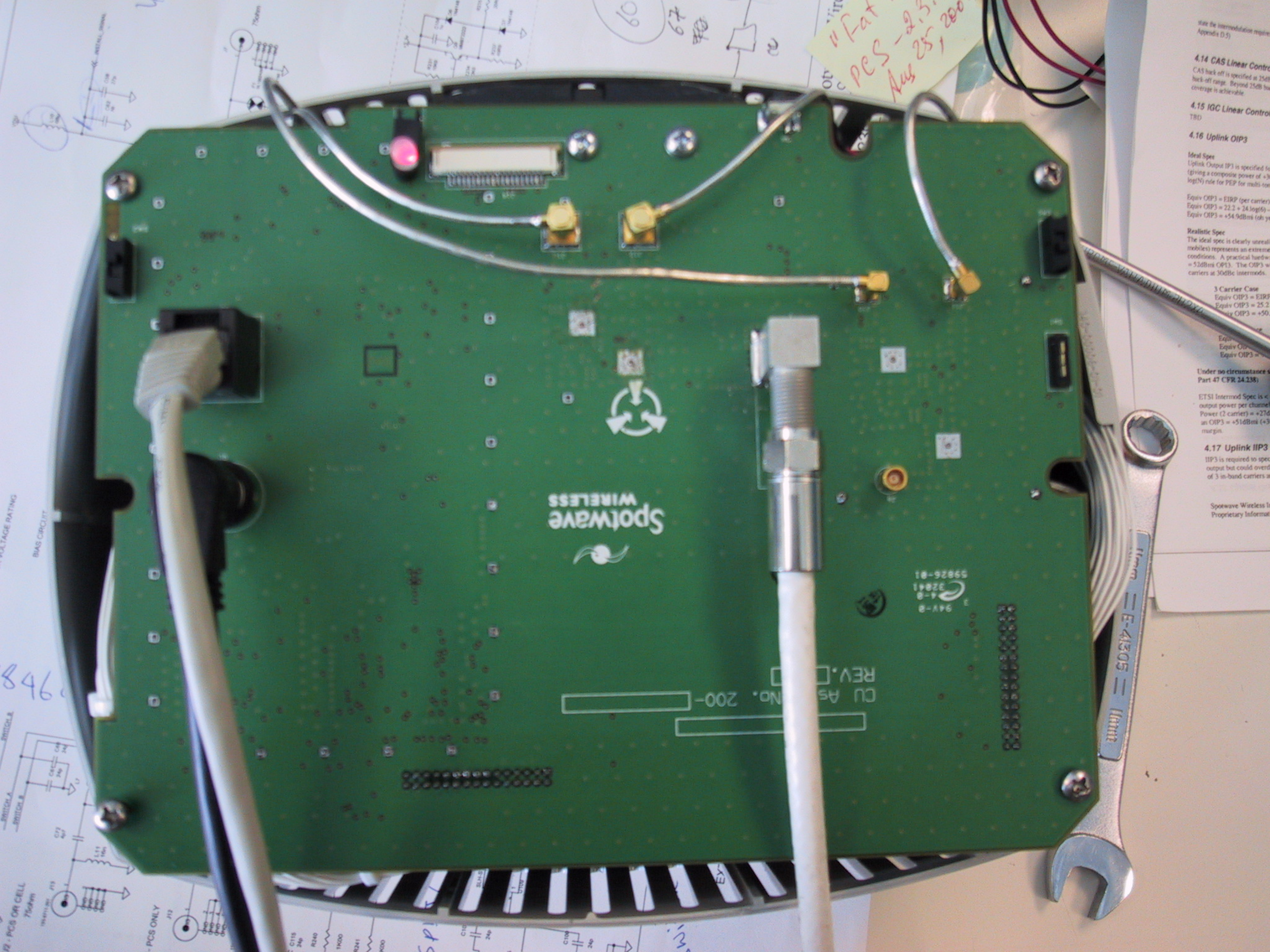




Fat PCS - 2.5.1
Aug 25, 200
67 40

Spotwave
WIRELESS

CU ASSY No. 200-1
REV. 1

94V-0
32841
18-9226-01

state the intermodulation required
Appendix D.5)

4.14 CAS Linear Control
CAS back off is specified as 25dB
back-off range. Beyond 25dB back
coverage is achievable.

4.15 IGC Linear Control
TRD

4.16 Uplink OIP3
Ideal Spec
Uplink Output IP3 is specified
(giving a composite power of
 $\log(N)$ rule for PEP for multi-ton
Equiv OIP3 = EIRP (per carrier)
Equiv OIP3 = $22.2 + 24 \log(6)$
Equiv OIP3 = +54.9dBm (oh yes)

Realistic Spec
The ideal spec is clearly unrealistic
(mobilities) represents an extreme
conditions. A practical hardware
= 52dBm OIP3. The OIP3 with
carriers at 30dBc intermod.

3 Carrier Case
Equiv OIP3 = EIRP
Equiv OIP3 = 25.2
Equiv OIP3 = +50.

Under no circumstance
Part 47 CFR 24.238)

ETSI Intermod Spec is <
output power per channel
Power (2 carrier) = +27dBm
an OIP3 = +51dBm (+3
margin.

4.17 Uplink IIP3
IIP3 is required to spec
output but could over
of 3 in-band carriers at

Spotwave Wireless Inc.
Proprietary Information

Item = E-41305 = Item