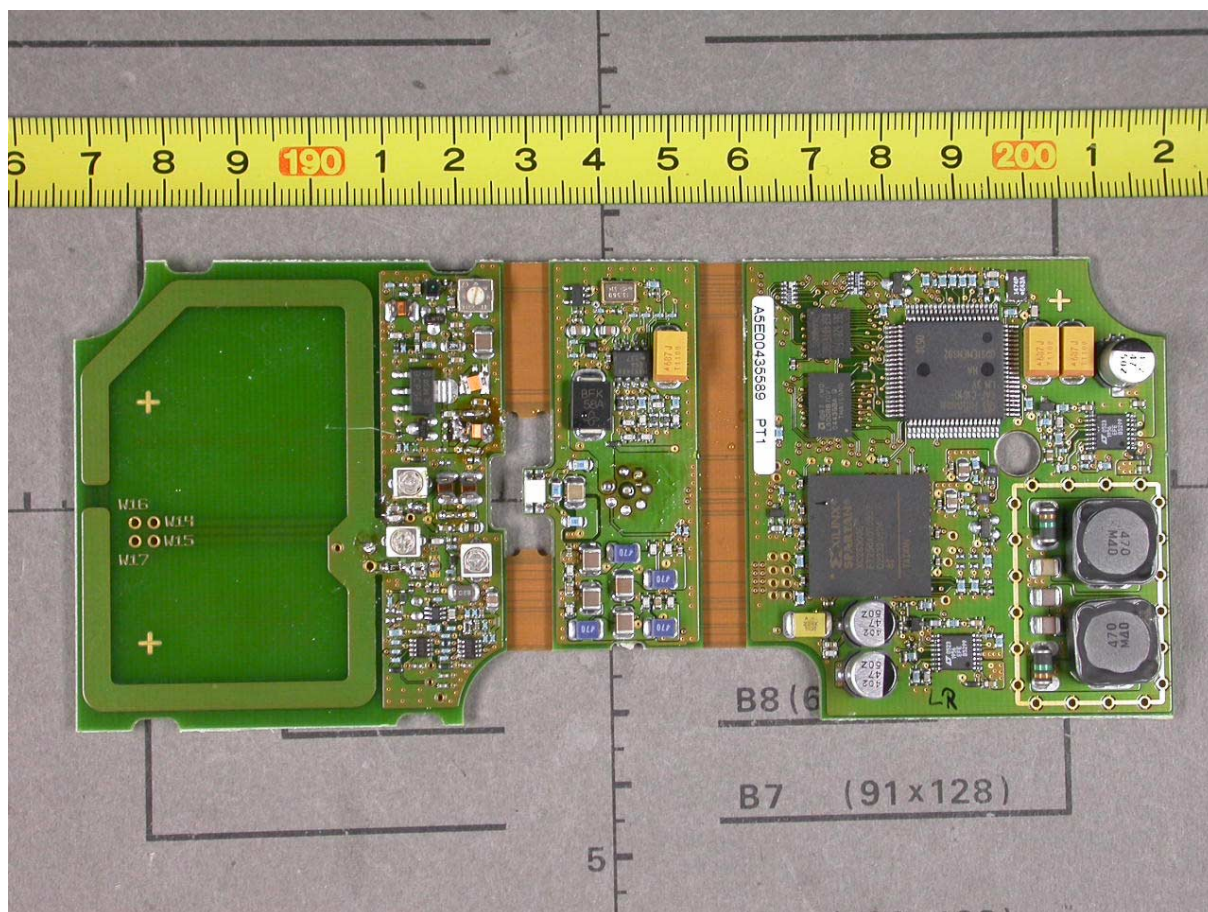
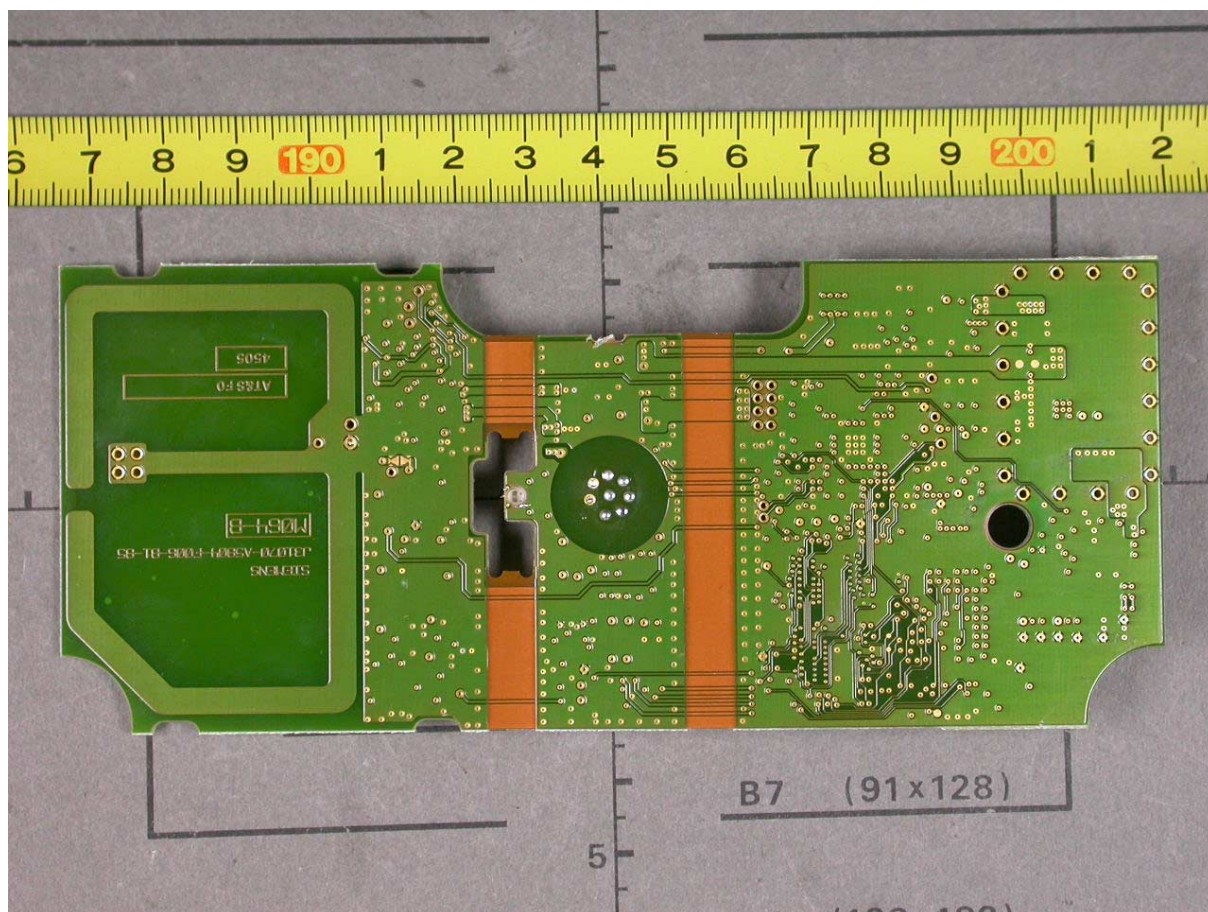






Adjustment of printed circuit board of both Reader.
Description for different installation of the Reader RF340R
and the Reader RF350R with ext. antenna.

	RF340R	RF350R
1.	Define the low end impedance of internal antenna supported by a network analyser or an impedance analyser $Z = 50\Omega (\pm 5\Omega)$ $\varphi = 0^\circ (\pm 5^\circ)$ Use W1 and WP271 (GND) as a point for measurement Adjustment of low end impedance by using the capacitors C79 and C80	Set a point of solder on W2 to activate the external antenna.
2.	Set a point of solder on W13 for activating the internal antenna(located on components side).	Connect signal core of 50Ω coaxial cable of antenna(plug) to point of solder W14,W15 and connect the shielding of this 50Ω coaxial cable of antenna to point of solder W16,W17.
3.	Connect power supply	Connect power supply
4.	Adjust resistor R5 in that way, that the Reader doesn't need a maximum of current of 100mA	Adjust resistor R5 in that way, that the Reader doesn't need a maximum of current of 100mA
5.	<u>Set no point of solder on W12</u>	Set a point of solder on W12

