Extends the frequency range of two SC-6SA Plating Systems\(^1\) to 200 MHz

- Precision plating to load resonant frequency using “Measured FL” method
- Increases frequency accuracy
- No physical capacitor is required
- Uses existing filaments and crystal wheels
- Two Pass plating
- Over 40 different crystal parameter measurements including DLD and Spurious
- Measured parameters checked against user defined QC limits (No ring test required)
- Supports wheels with different number of positions (e.g. 72 or 144)
- Upgrade can be configured for a variety of plating system models
- Each 6SA system runs independently

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>1 MHz to 200 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plating Performance</td>
<td>± 2 ppm(^*) at series, typical</td>
</tr>
<tr>
<td>Network Analyzer</td>
<td>250B-1</td>
</tr>
</tbody>
</table>

\(^*\) Proprietary measurement and calibration algorithms provide correlation to industry standard crystal measurement equipment.

\(^1\) SC-6SA is a trademark of Showa Shinku Corporation, Japan
**SYSTEM CONFIGURATION**

- S&A 250B-1 Network Analyzer
- Dual Relay Assembly
- Two 6SA Vacuum Feedthru Assemblies
- Windows® System Software
- S&A PCI TTL I/O Card
- Two IEC-444 PI Networks
- Computer Requirement:
  Minimum 500 MHz Pentium III,
  full PCI slot with +5V & 3.3V power

**SCREEN FORMAT**

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