EMC TEST ACCESSORIES

Those useful little items that make the task so much easier

The Broadband Pre-Amp

The SA1020 is a Broadband RF amplifier with 20dB gain. Its key features are exceptionally low noise, flat gain characteristics and wide frequency range.

<table>
<thead>
<tr>
<th>Frequency</th>
<th>10KHz-1GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain</td>
<td>20dB</td>
</tr>
<tr>
<td>Flatness</td>
<td>1.5dB</td>
</tr>
<tr>
<td>Noise</td>
<td>&lt;5dBuV</td>
</tr>
<tr>
<td>Power</td>
<td>9V @35mA</td>
</tr>
<tr>
<td>Source</td>
<td>Internal PP3 battery</td>
</tr>
<tr>
<td>Size (Body)</td>
<td>114 x 72 x 35mm</td>
</tr>
</tbody>
</table>

Near Field Probes

The RF100 near field probe set is an essential tool for all aspects of EMC emissions testing.
- Location of sources
- Identification of frequencies prior to OATS measurements.
- Checking of screening effectiveness.
- Quick check of production samples.

<table>
<thead>
<tr>
<th>E Field Probe</th>
<th>H Field Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric</td>
<td>Magnetic</td>
</tr>
<tr>
<td>15mm rod</td>
<td>50mm dia.</td>
</tr>
</tbody>
</table>

Common Features
- Connector: BNC
- Covering: Fully insulated
- Relative Sensitivity: Plot against frequency included

RF Filters

RF600
- Specifically designed to filter out the FM radio band (85MHz - 108MHz)
- Stop band attenuation 35dB
- Fits between antenna and analyser
- Low insertion loss at all other frequencies

RF700
- 30MHz high pass filter
- Reduces possibility of compression, improves measurement accuracy
- Very effective at removing the high levels of noise often present below 30MHz (especially in industrial areas)
- Fits between antenna and analyser

RF800
- Band pass filter for conducted emissions testing
- 1.50KHz - 30MHz passband
- Very simple form of preselector
- Effectively improves your dynamic range
- Fits between LISN and analyser

Visit www.laplaceinstruments.com for all emissions and immunity test systems

Available from:
Reliant EMC LLC
3311 Lewis Ave
Signal Hill CA 90755
408-916-5750
www.reliantemc.com