<table>
<thead>
<tr>
<th>Product</th>
<th>Specimen#</th>
<th>Aluminum Alloy Washer weight, mg</th>
<th>Aluminum Alloy Washer Thickness, inch</th>
<th>Conductive Washer Thickness, cm</th>
<th>Conductive Washer VR at 105.8 lbf, Ω-cm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>W1, W2, W L</td>
<td>W1, W2</td>
<td>W1, W2</td>
<td>% change</td>
</tr>
<tr>
<td>Passivated Silver Aluminum</td>
<td>1</td>
<td>5.2330 5.2235 0.18</td>
<td>-9.50</td>
<td>0.0550 0.0550 0.00</td>
<td>0.164 0.163 -0.73</td>
</tr>
<tr>
<td>SSP2529</td>
<td>2</td>
<td>5.2180 5.2138 0.08</td>
<td>-4.20</td>
<td>0.0540 0.0540 0.00</td>
<td>0.164 0.163 -0.73</td>
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**Test Order**

- Aluminum Coupons (grade 6061-T6) are conversion coated Chem Film (Mil-C-5541E Class 3)
- Fixtures tightened to 8 in-lb force via. NTS-25 torque driver.
- Saltwater Spray Fog (ASTM B117) Exposer Time: 168 hour @ 95°F
- Disassemble Fixtures and keep the specimen together for Identification
- Brush the washers with a nylon Brush removing any loose adhered salt.
- Submerge the washers in the nitric acid for 15 minutes
- Removed from the nitric acid and rinsed in water.
- Blot dry and relabel
- Bake the washers in a oven for 2 hours at 100°C
- Specimens held in a desiccator.
- Re-weigh and record the thickness of the washers
- Wipe down the EMI specimen with a ethanol soaked rag and allow them to dry before testing.
- Test the EMI specimen for the V.R. change. 30 sec. reading

**Performed By**

- Protocase: na
- ARDL: sent 7/28/17 returned 8/17/2017
- SSP: 8/21/2017

**Date and Times**

Mean, Ω-cm: 0.791
Mean VR Change, Ω-cm: 0.649

- SSP: 8/21/2017 7:45am 9:45am
- SSP: 8/21/2017 9:46 AM 8/22/2017 7:45am
- SSP: 8/21/2017 1:30pm
- SSP: 8/22/2017 7:45am

- P= RA
- L

Mean, Ω-cm: 0.791
Mean VR Change, Ω-cm: 0.649

A= 6.280 cm²
L= thickness, cm
R= reading, Ω