

Bono Corrosion Test Results

Issued date:	June 2012	
Product name :	Sn63/Pb37	NC258



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DATE	14-JUNE-2012	HUMIDITY CHAMBER	85%
CARTE	1	TEMPERATURE CHAMBER	85%
PROFIL	RSS		
FORMULATION	Sn63NC258 17572	VOLTAGE TEST	20V

Test results:

DATE DU TEST :15 JUNE 29JUNE 2012												
JOUR	DATE	RESISTANCE DES PISTES ANODE Ω									RΩ MOYENNE	Corrosio Facteur
		1A	2A	3A	4A	5A	6A	7A	8A	9A		
1	15-Jun	5.8	5.9	5.7	5.6	5.6	5.6	5.7	5.6	5.4	5.656	0
2	weekend											
3	weekend											
4	18-Jun	5.6	5.7	5.5	5.5	5.5	5.6	5.6	5.5	5.6	5.567	-1.57
5	19-Jun	5.6	5.7	5.5	5.5	5.5	5.5	5.6	5.5	5.3	5.522	-2.36
6	20-Jun	6.0	6.1	5.9	5.9	5.9	5.8	5.9	5.8	5.5	5.867	3.73
7	21-Jun	5.6	5.7	5.5	5.4	5.6	5.5	5.6	5.5	5.2	5.511	-2.56
8	22-Jun	5.7	5.8	5.5	5.6	5.5	5.5	5.6	5.5	5.3	5.556	-1.76
9	weekend											
10	weekend											
11	holiday											
12	26-Jun	5.7	5.8	5.5	5.5	5.6	5.6	5.6	5.6	5.3	5.578	-1.37
13	27-Jun	5.5	5.7	5.5	5.5	5.6	5.5	5.7	5.5	5.2	5.522	-2.36
14	28-Jun	5.8	5.7	5.5	5.5	5.6	5.6	5.7	5.6	5.3	5.589	-1.18
15	29-Jun	5.8	5.8	5.6	5.7	5.6	5.6	5.8	5.6	5.3	5.300	-6.29

Calculation :

$$Fc = \frac{Rd - R_0}{R_0} \times 100$$

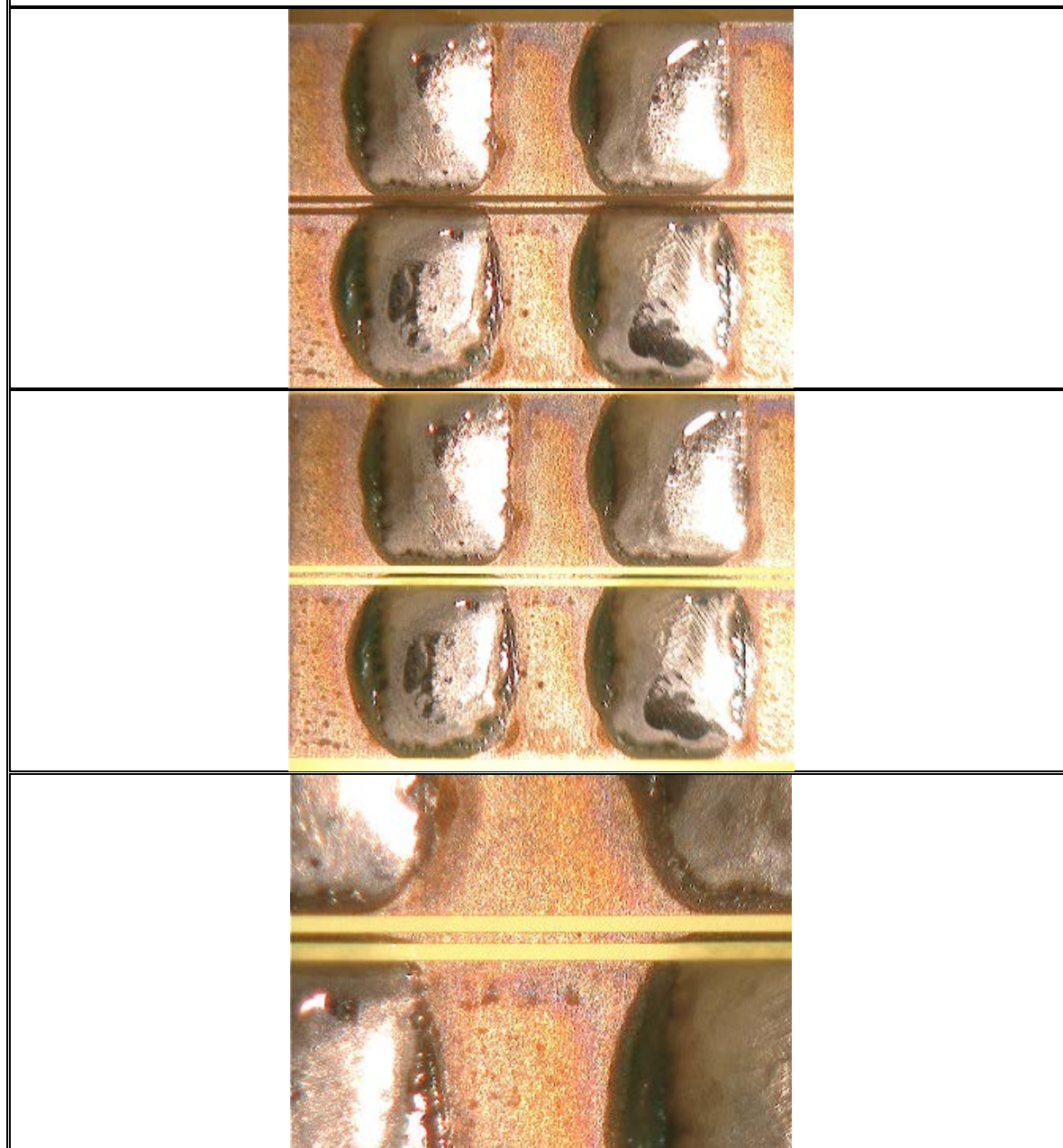
Results:

Corrosion factor (Fc)	Min: -1.18% Max:-6.29%
Corrosion on the board	No
Dendrite	No (only flux residue beside the anode)

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BONO BOARD PICTURES



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Technical Report

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Karl Seelig, Vice President of Technology

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