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# 1X10 R STUDY GAGE REPEATABILITY STUDY WORKSHEET

Redbook Form 4.1-1

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Date: 03/30/2017

Gage Number: <u>MAA56412S</u>		Part Number: <u>84003880</u>								
<b>NEC *</b>		Part Name: <u>-E-GATE INR-UPR</u>								
Operator: <u>Ravi</u>		Engineer: _____								
Check Point	W201SRR	W201SLR	0087SLR	0084SLU	0065SRU	0061SRR	0129TRO			
***% of GRE										
GRE X 100/TOL	3.98	4.13	10.58	72.14	106.64	24.88	2.44			
Pass/Fail	Pass	Pass	Pass	Fail	Fail	Pass	Pass			
<b>Tolerance + *</b>	0.70	0.70	0.70	0.50	0.50	0.70	1.50			
<b>Tolerance - *</b>	-0.70	-0.70	-0.70	-0.50	-0.50	-0.70	-1.50			
Reading 1	1.741	1.764	-0.877	4.759	3.618	-1.171	10.049			
Reading 2	1.731	1.758	-0.835	4.415	3.95	-1.137	10.049			
Reading 3	1.733	1.756	-0.909	4.543	3.568	-1.217	10.073			
Reading 4	1.731	1.74	-0.887	4.345	3.482	-1.265	10.063			
Reading 5	1.717	1.746	-0.847	4.433	3.376	-1.337	10.079			
Reading 6	1.739	1.767	-0.838	4.48	3.651	-1.328	10.043			
Reading 7	1.715	1.753	-0.905	4.56	3.696	-1.25	10.072			
Reading 8	1.749	1.767	-0.898	4.418	3.374	-1.232	10.081			
Reading 9	1.721	1.758	-0.894	4.684	3.926	-1.311	10.081			
Reading 10	1.734	1.734	-0.903	4.696	3.429	-1.309	10.063			
Maximum	1.75	1.77	-0.84	4.76	3.95	-1.14	10.08			
Minimum	1.72	1.73	-0.91	4.35	3.37	-1.34	10.04			
RANGE (R)	0.03	0.03	0.07	0.41	0.58	0.20	0.04			
*Std Dev	0.01	0.01	0.03	0.14	0.21	0.07	0.01			
**GRE										
Std Dev X 5.15	0.06	0.06	0.15	0.72	1.07	0.35	0.07			
TOL +/- to achieve <35%	0.08	0.10	0.25	1.20	1.78	0.58	0.12			