



RAW2

1X10 R STUDY GAGE REPEATABILITY STUDY WORKSHEET

Redbook Form 4.1-1

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Date: 10/16/2017

Gage Number: <u>MAA56412S</u>		Part Number: <u>84003880</u>	
NEC *		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	3.34	4.23	3.34	7.31	12.42	4.75	1.78			
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass			
Tolerance + *	0.70	0.70	0.70	0.50	0.50	0.70	1.50			
Tolerance - *	-0.70	-0.70	-0.70	-0.50	-0.50	-0.70	-1.50			
Reading 1	-1.14	-1.078	-0.279	1.131	0.885	-0.673	9.761			
Reading 2	-1.159	-1.102	-0.267	1.149	0.903	-0.669	9.751			
Reading 3	-1.157	-1.1	-0.267	1.149	0.937	-0.653	9.737			
Reading 4	-1.152	-1.094	-0.263	1.165	0.897	-0.675	9.763			
Reading 5	-1.157	-1.086	-0.267	1.141	0.943	-0.649	9.765			
Reading 6	-1.145	-1.099	-0.281	1.163	0.911	-0.669	9.753			
Reading 7	-1.157	-1.105	-0.266	1.159	0.894	-0.678	9.768			
Reading 8	-1.165	-1.093	-0.275	1.163	0.93	-0.67	9.752			
Reading 9	-1.141	-1.077	-0.283	1.123	0.949	-0.645	9.769			
Reading 10	-1.165	-1.073	-0.254	1.148	0.946	-0.646	9.769			
Maximum	-1.14	-1.07	-0.25	1.17	0.95	-0.65	9.77			
Minimum	-1.17	-1.11	-0.28	1.12	0.89	-0.68	9.74			
RANGE (R)	0.03	0.03	0.03	0.04	0.06	0.03	0.03			
*Std Dev	0.01	0.01	0.01	0.01	0.02	0.01	0.01			
**GRE										
Std Dev X 5.15	0.05	0.06	0.05	0.07	0.12	0.07	0.05			
TOL +/- to achieve <35%	0.07	0.10	0.08	0.12	0.21	0.11	0.09			