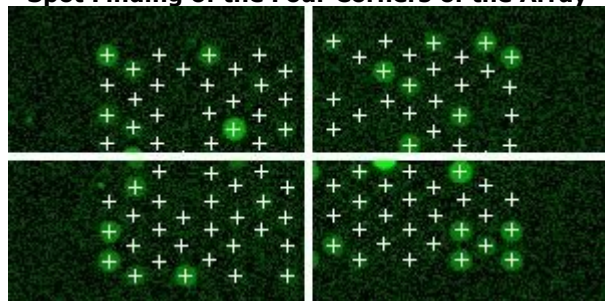


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:07	Grid	US22502705_251911810668_S01_H_grid (from grid_file)
Image	US22502705_251911810668_S01_H [1_1]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	2
		Saturation Value	1153047

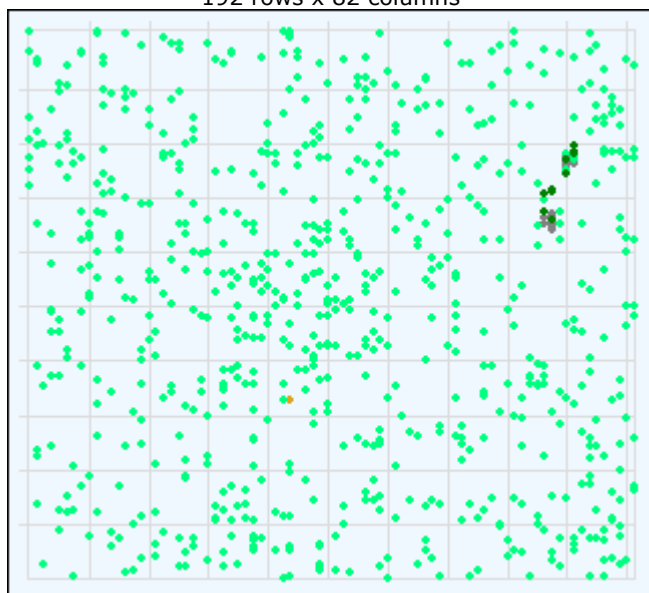
Spot Finding of the Four Corners of the Array**Grid Normal**

Feature	Local Background
---------	------------------

Non Uniform	10	18
Population	704	17

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 10(0.07%)

Feature Population Outliers = 704(5.12%)

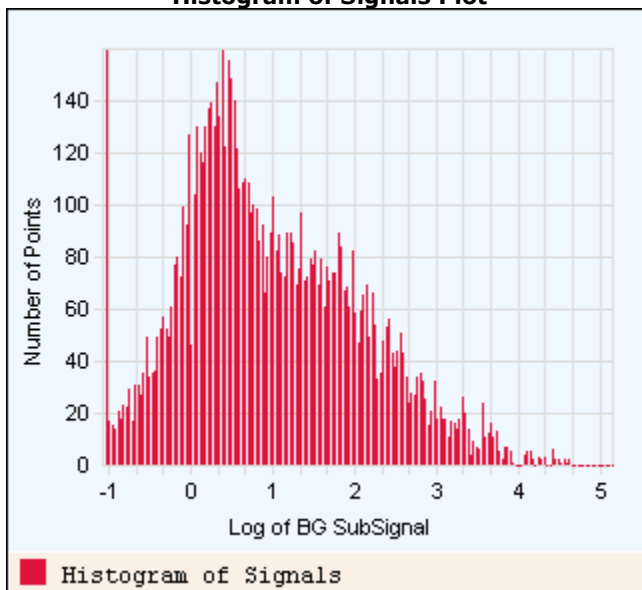
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

Net Signal Statistics**Non-Control probes:**

# Saturated Features	0
99% of Sig. Distrib.	2919
50% of Sig. Distrib.	18
1% of Sig. Distrib.	12

Negative Control Stats

Average Net Signals	15.95
StdDev Net Signals	1.80
Average BG Sub Signal	-0.03
StdDev BG Sub Signal	1.75

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4108 (Green)

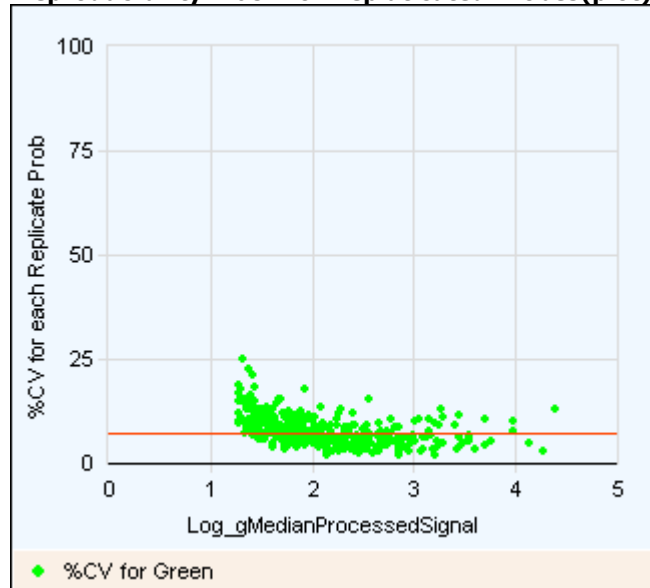
Foreground Surface Fit

RMS_Fit	0.68
RMS_Resid	1.89
Avg_Fit	51.85

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

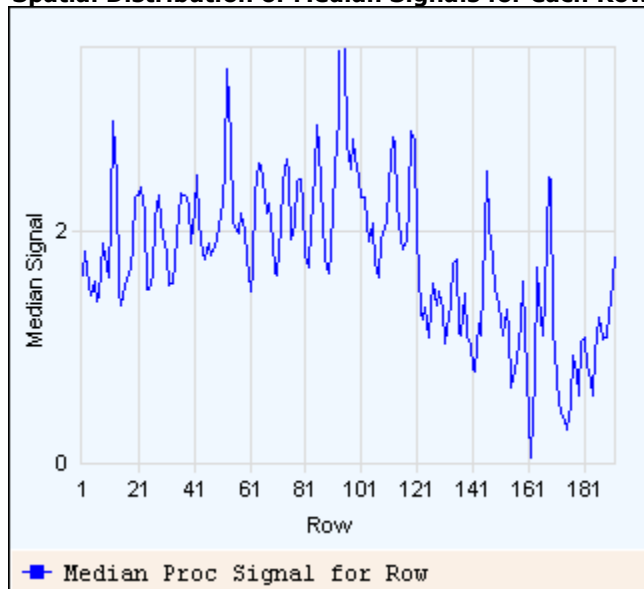
BGSubSignal	7.33
ProcessedSignal	7.33

Reproducibility: %CV for Replated Probes(plot)**Evaluation Metrics for miRNA_QCM_Apr07**

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.89	NA	NA	False
AnyColorPrcntFeatPopnOL	5.12	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.33	NA	NA	False
gTotalSignal75pctile	11.71	NA	NA	False

◆ In Normal Range ◆ Evaluate

Spatial Distribution of Median Signals for each Row**Spatial Distribution of Median Signals for each Column**