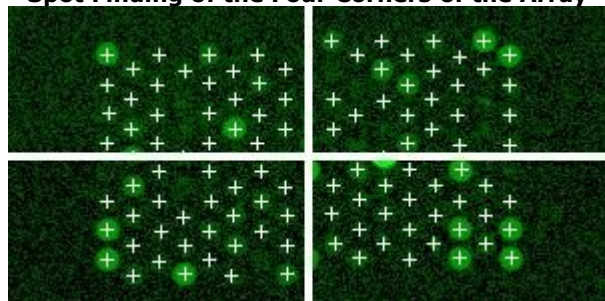


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 15:35	Grid	US22502705_251911811014_S01_H_grid (from grid_file)
Image	US22502705_251911811014_S01_H [2_2]	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	4
		Saturation Value	1178308

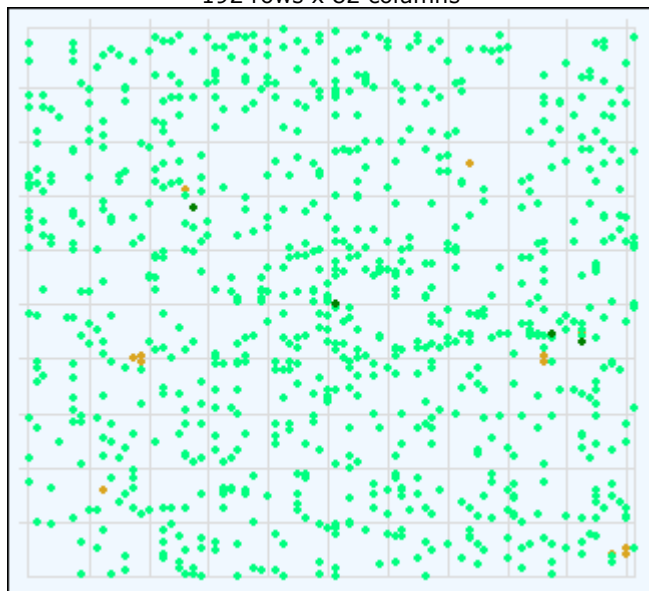
Spot Finding of the Four Corners of the Array**Grid Normal**

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

Non Uniform	4	13
Population	825	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 4(0.03%)

Feature Population Outliers = 825(6.01%)

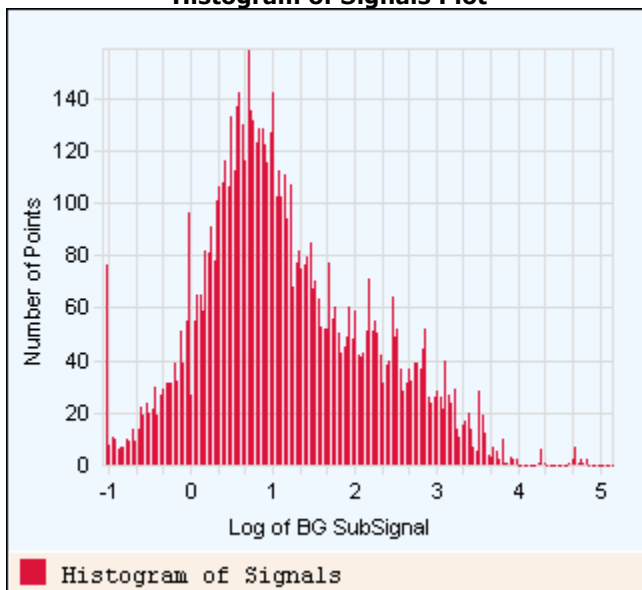
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	2266
50% of Sig. Distrib.	27
1% of Sig. Distrib.	19

Negative Control Stats

Average Net Signals	26.84
StdDev Net Signals	2.67
Average BG Sub Signal	1.08
StdDev BG Sub Signal	2.81

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5097 (Green)

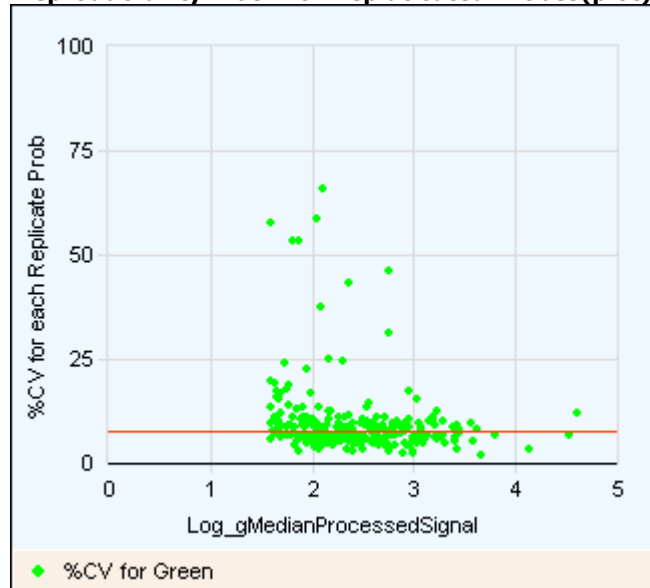
Foreground Surface Fit

RMS_Fit	1.02
RMS_Resid	3.87
Avg_Fit	62.22

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

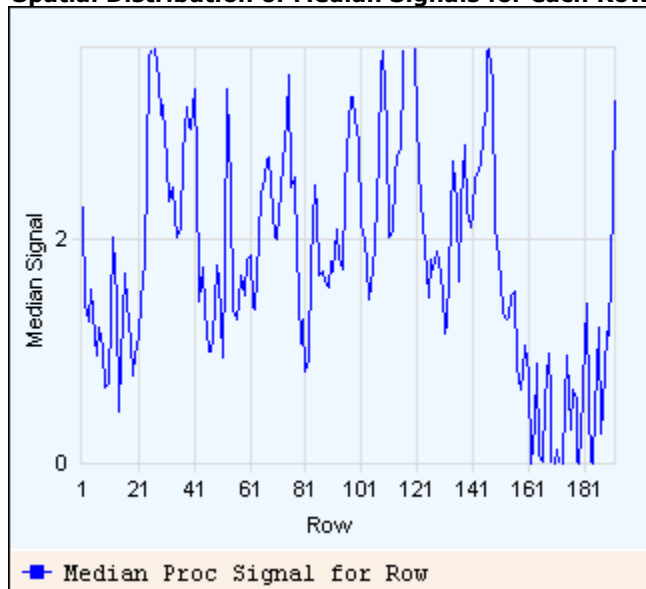
BGSubSignal	7.45
ProcessedSignal	7.45

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	3.87	NA	NA	False
AnyColorPrcntFeatPopnOL	6.01	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.45	NA	NA	False
gTotalSignal75pctile	10.73	NA	NA	False

◆ In Normal Range ◆ Evaluate

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