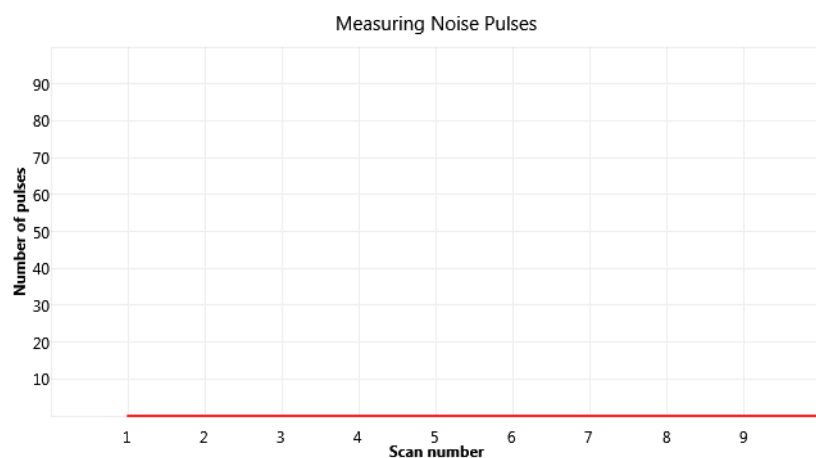


Diagnostic Report

Date & Time Monday, February 20, 2017 9:09 AM
Instrument Model TSQ Quantiva
Instrument Serial TQH-Q1-0576
Software Version 2.0.1292.15

Name	Result	Value	Minimum	Maximum	Comment
Measure Detector Dark Current Noise	Passed	-	-	-	-
Detector dark noise diagnostic	Passed	-	-	-	-
Measure Detector Broadband Noise	Passed	-	-	-	-

Measure Detector Dark Current Noise:



Number of Scans: 10.000000

Number of Pulses: 0.000000

Pulses per second : 0.000000

Dark noise test results:

Measurement All On

Pulses/Scan 0.00

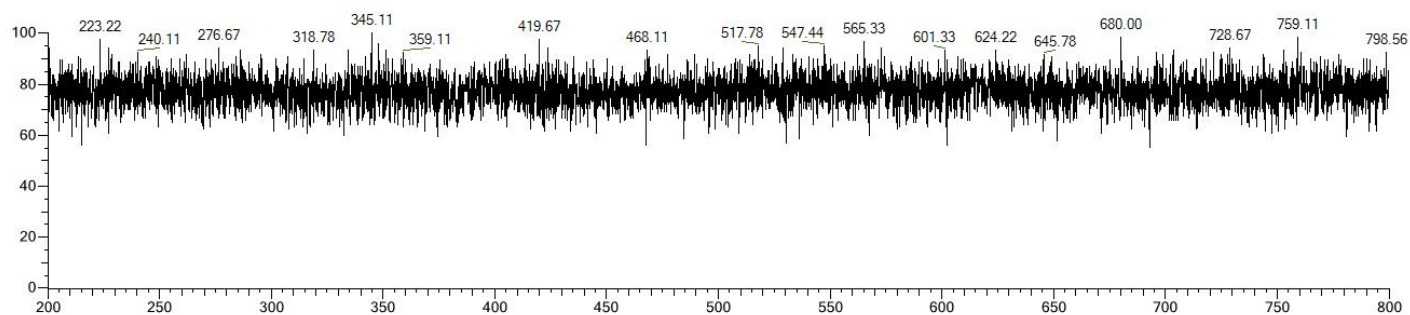
Pulses/Second 0.00

Average Area 0.00

Maximum Area 0.00

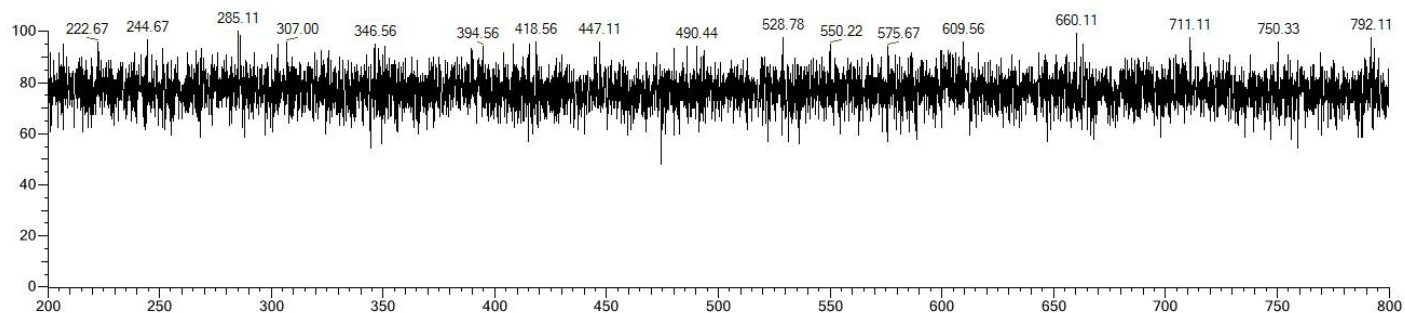
Measure Detector Broadband Noise:

4467 RT: 174.30 NL: 2.16E+004 + p H-ESI FULL: Q1MS

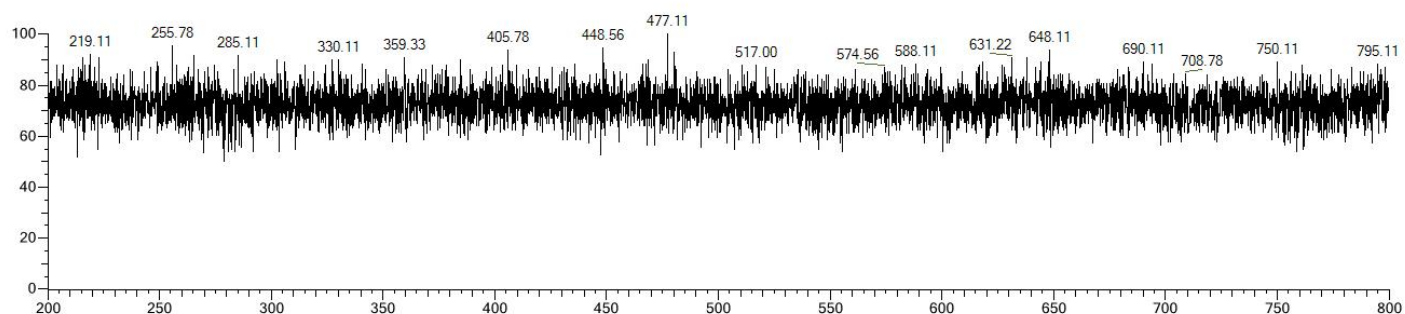


Diagnostic Report

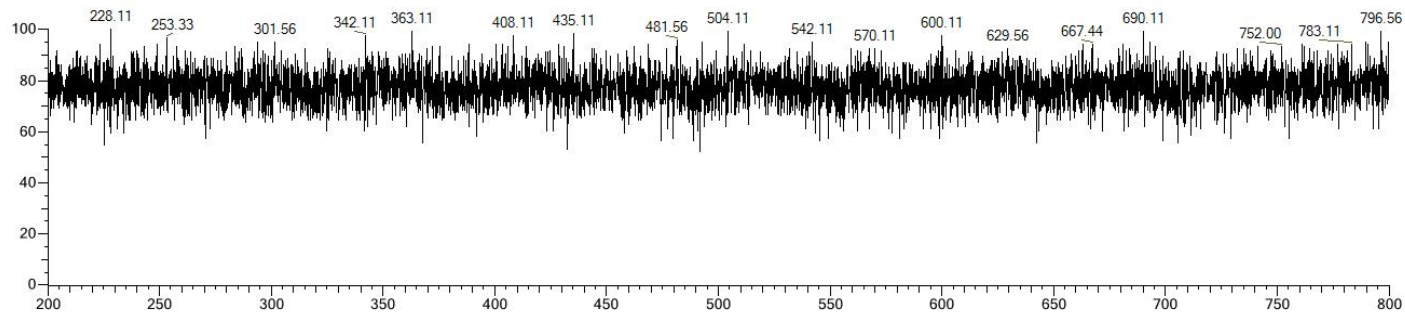
4474 RT: 174:39 NL: 2.16E+004 + p H-ESI FULL: Q1MS



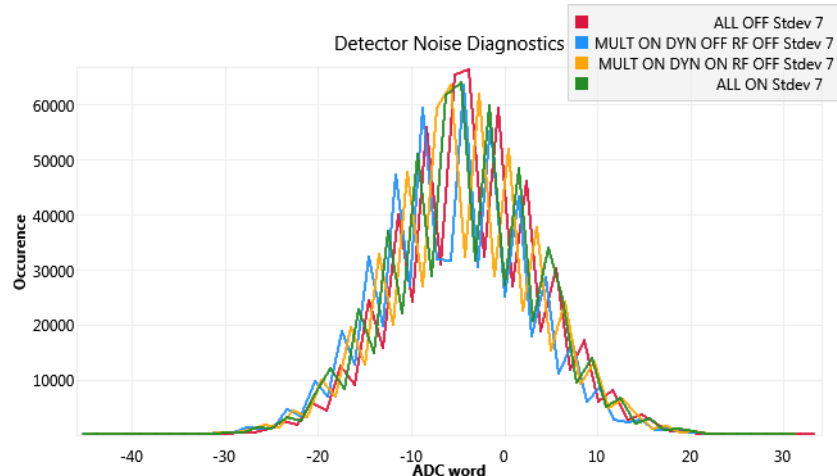
4481 RT: 174:48 NL: 2.31E+004 + p H-ESI FULL: Q1MS



4488 RT: 174:57 NL: 2.18E+004 + p H-ESI FULL: Q1MS



Diagnostic Report



System Configuration:

DevMode	false
BreadboardDevMode	false
SetAnalogChannelEnabled(0, false)	
SetAnalogChannelEnabled(1, false)	
DivertValveConfig	1
SyringePumpConfigured	true
ContactClosureConfig	0
CIDGasType	0
WaitForGasFlowsToStabilize	true
WaitForTemperaturesToStabilize	true
DisableRunCheck	false
KeepLastMethodSettings	true
SetDivertValveSerialNumber("A", "1245")	
SetDivertValveSerialNumber("B", "4567")	
ActiveSourceType	1
InstalledSourceType	1
EnableSweepGasForNSISource	true
LockMassSourceConfigured	false
ETDSOURCEConfigured	false
EnableIonGaugeCheck	true
EnableVacuumCheck	true
EnableTurboCheck	true
EnableBoardIdentification	true
EnableIonSourceIdentification	true
LowConvectronGaugePressureWarning	true
LowSheathGasFlowWarning	true
LowAuxGasFlowWarning	true
LowSweepGasFlowWarning	true
LowCollisionGasFlowWarning	true
CurrentCalMix	0

Embedded System Information:

Acquisition Driver	2015-0830-0002
Acquisition Driver	2015-0830-0002

Serial Number: TQH-Q1-0576

Signature:

Monday, February 20, 2017 9:09 AM

Diagnostic Report

DSP Driver	2015-0830-0002
DSP Driver	2015-0830-0002
DSP Image	02.00.046.2 20150830
DSP Image	02.00.046.2 20150830
General Purpose Linux Driver	2015-0830-0002
General Purpose Linux Driver	2015-0830-0002
Linux Kernel	2.6.35-ts-powerpc
Linux Kernel	2.6.35-ts-powerpc
PPC Image	02.00.046.02 20150830
PPC Image	02.00.046.02 20150830
PPC MAC Address	00:01:EC:00:E4:52
PPC MAC Address	00:01:EC:00:E4:52
CPU	02.00.117.0 20150429 20140207
Electrometer	02.0D.053.0 20160810 20150428
Host FPGA	02.00.117.0 20150429
LBP	02.0D.048.0 20150428 20150427
RD	02.0D.048.0 20150428 20150427
RD2	02.0D.048.0 20150428 20150427
RFA1	02.0D.048.0 20150428 20150427
RFA2	02.0D.048.0 20150428 20150427
RFC1	02.0D.048.0 20150428 20150427
RFC2	02.0D.048.0 20150428 20150427
SRC	02.0D.048.0 20150428 20150427