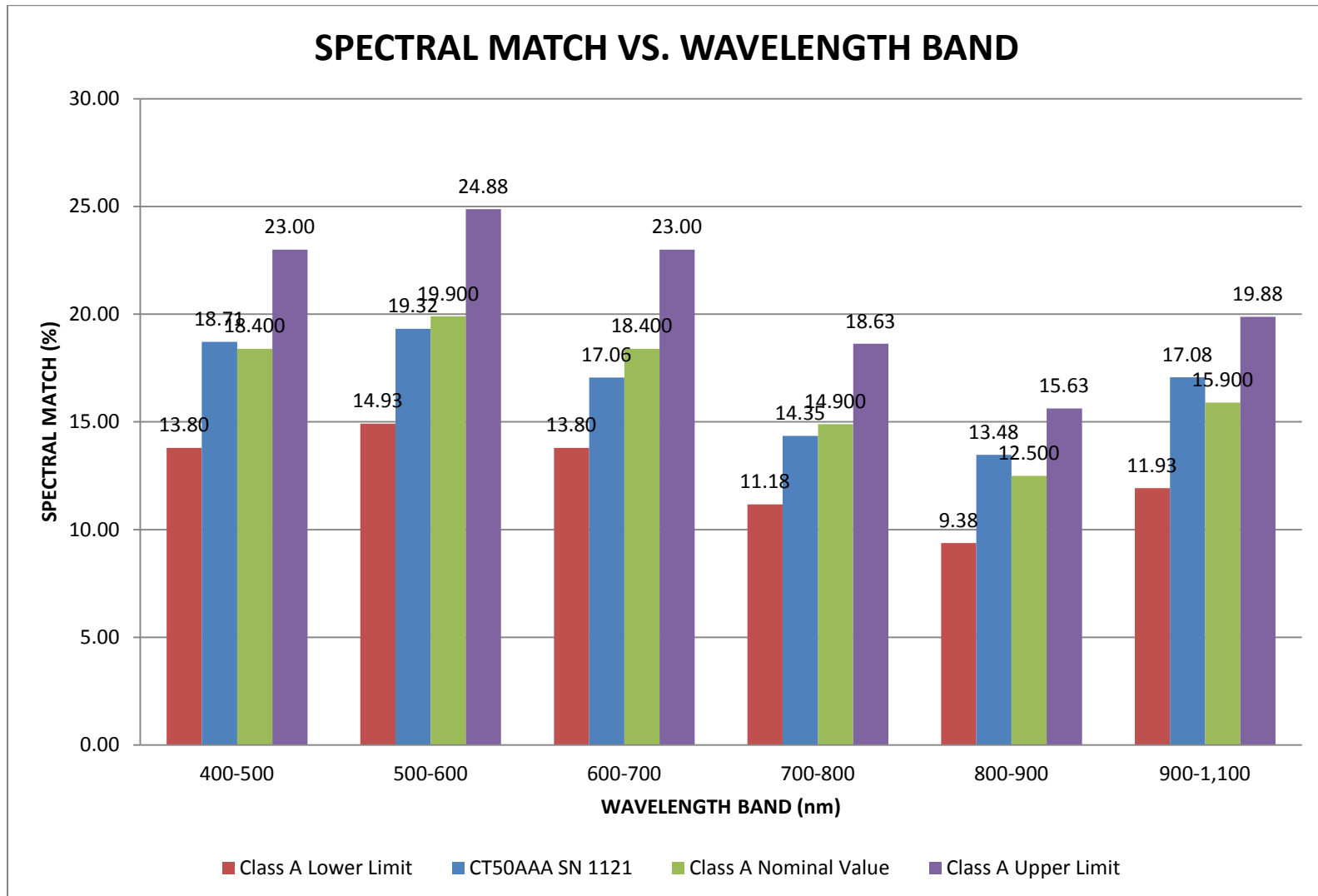
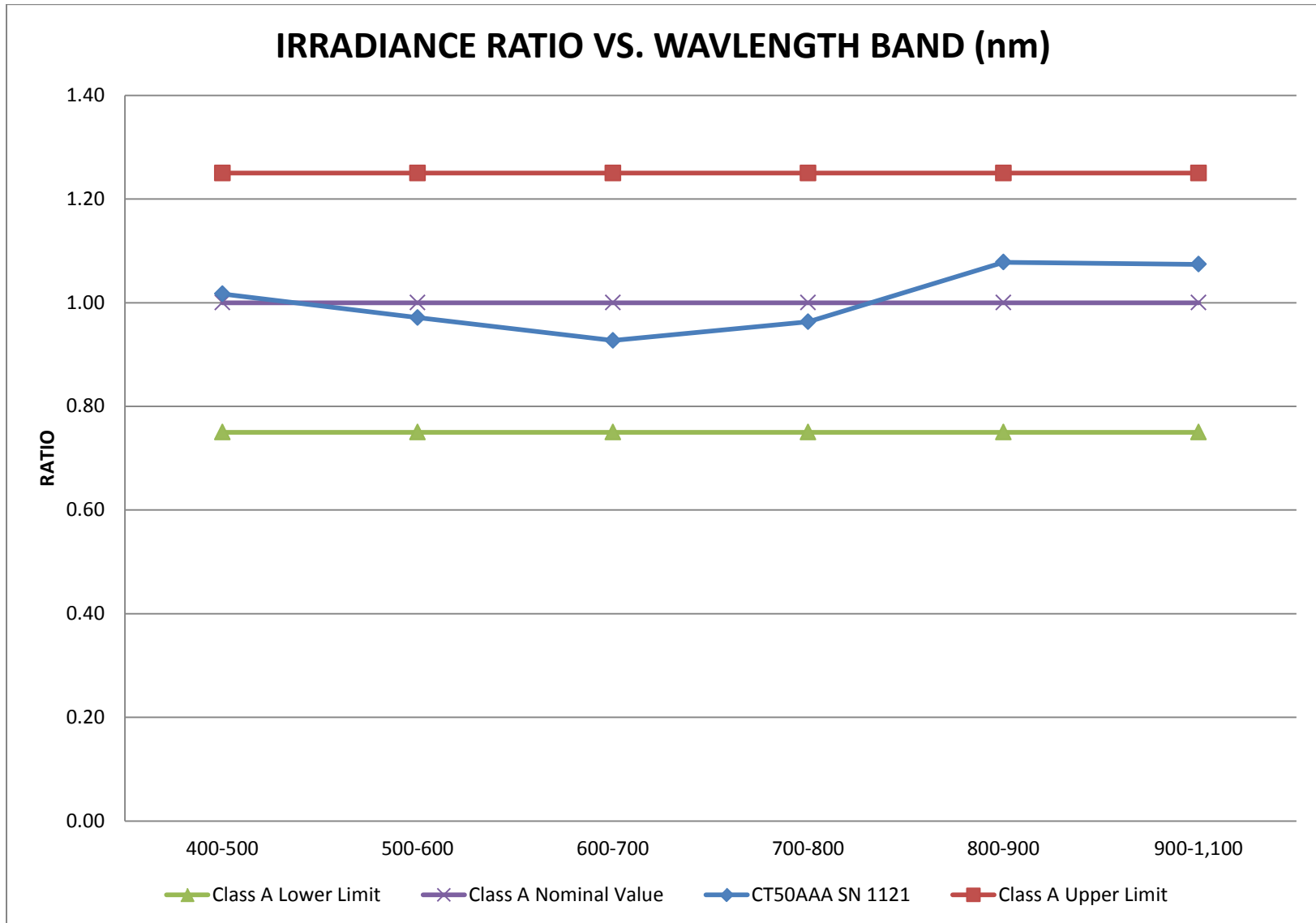
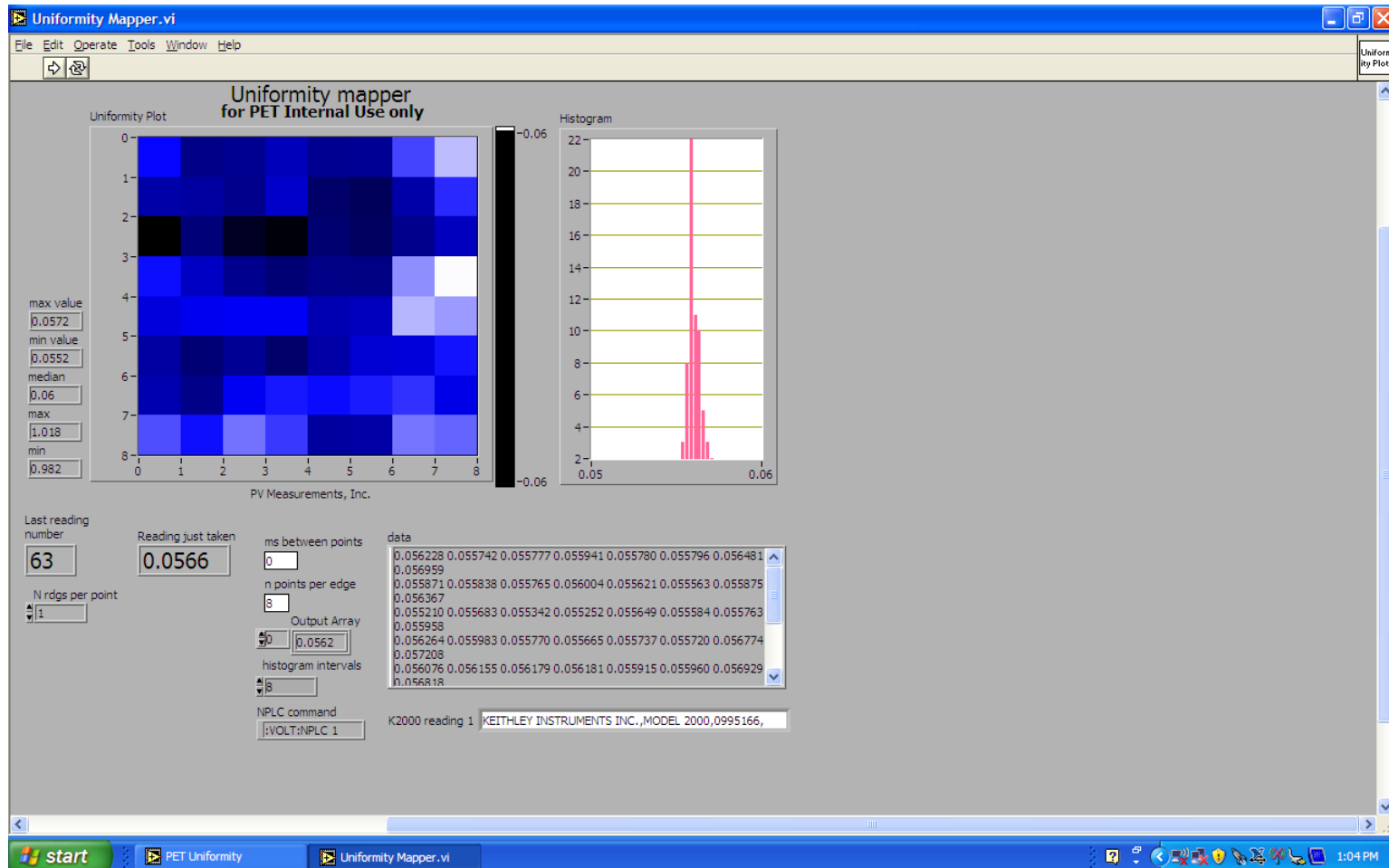


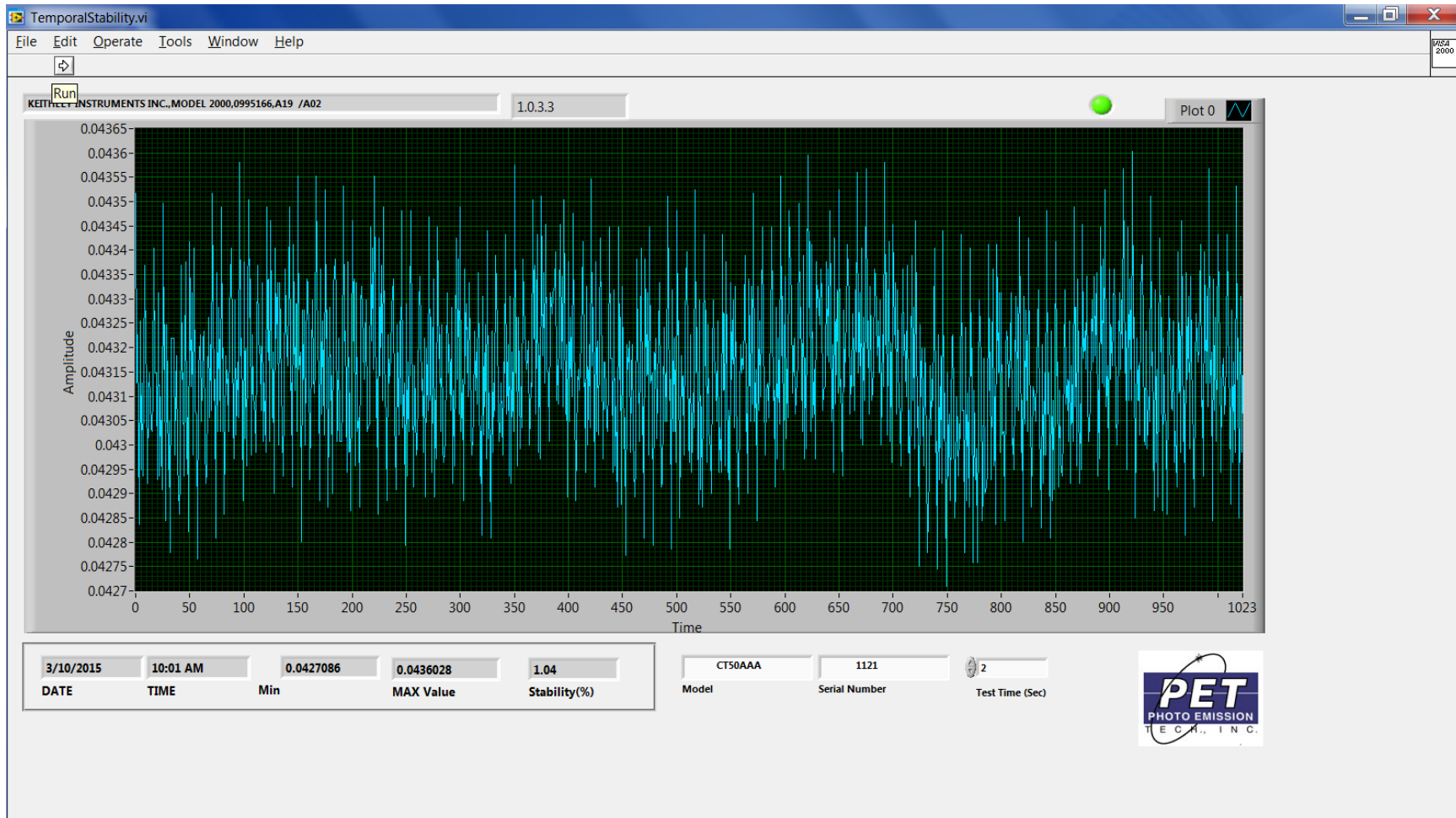
SPECTRAL MATCH= +7.8% TO -7.3 %: BETTER THAN CLASS A SPECTRAL MATCH REQUIREMENTS OF ASTM E927-2010, IEC60904-9 Edition 2.0 2007-10 and JIS C 8912-1998: amendment 1-2005 & Amendment 2-2011 (≤25%)



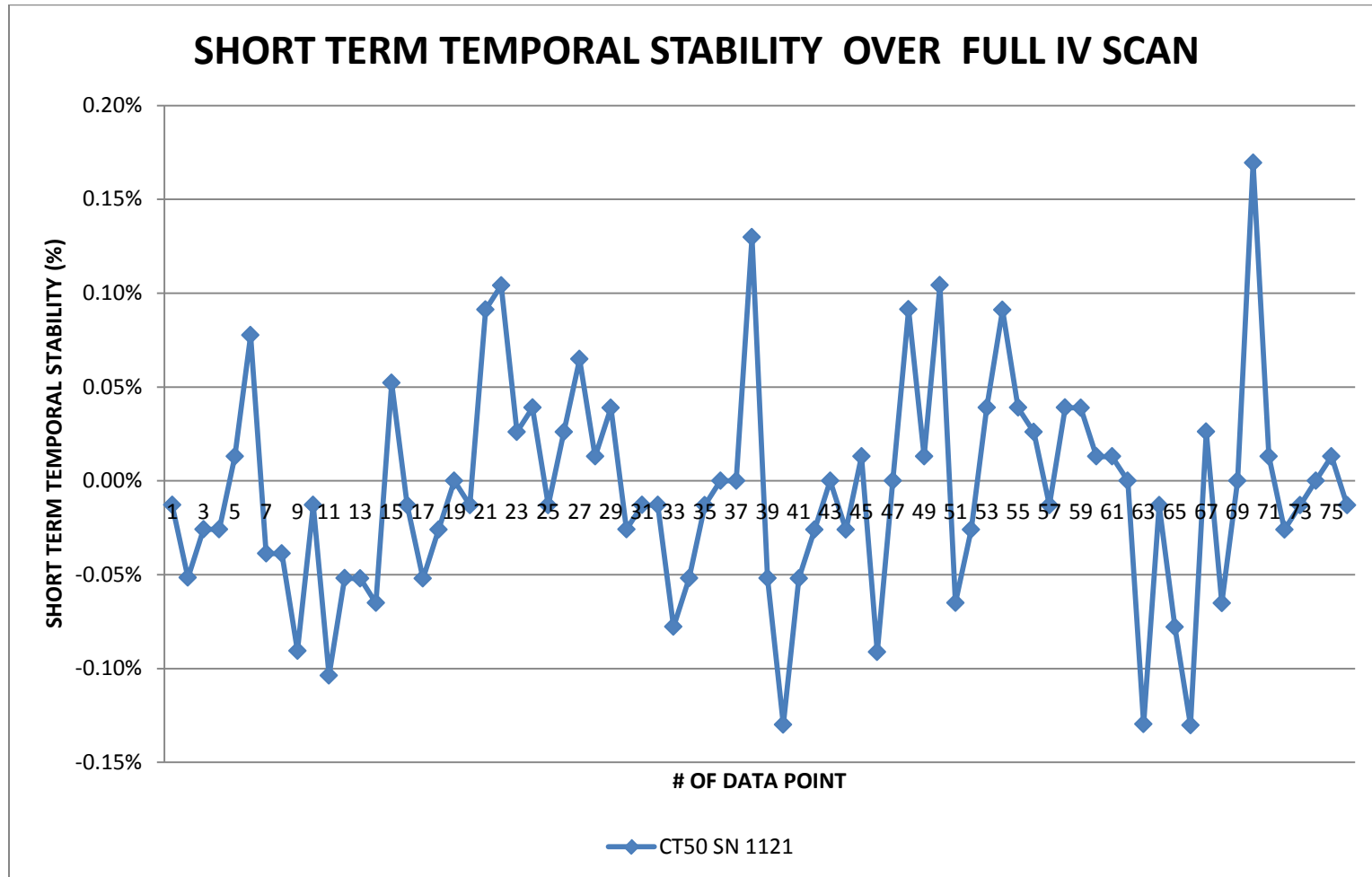




NON-UNIFORMITY= 1.78 %: MEETS CLASS A NON-UNIFORMITY REQUIREMENTS OF ASTM E927-2010, IEC60904-9 Edition 2.0 2007-10 and JIS C 8912-1998: amendment 1-2005 & Amendment 2-2011 ($\leq 2\%$)



LONG TERM INSTABILITY (LTI) = 1.04%: MUCH BETTER THAN CLASS A LONG TERM INSTABILITY REQUIREMENTS OF ASTM E927-2010, IEC60904-9 Edition 2.0 2007-10 and JIS C 8912-1998: amendment 1-2005 & Amendment 2-2011 ($\leq 2\%$)



SHORT TERM INSTABILITY (STI) = +0.17% - -0.15% MUCH BETTER THAN CLASS A SHORT TERM INSTABILITY REQUIREMENTS OF IEC60904-9 Edition 2.0 2007-2010 ($\leq 0.50\%$)

The screenshot shows the 'Solar Simulator - Photo Emission Tech Inc' software interface. It features a yellow background and a top navigation bar with 'Panel', 'Indicators', and 'Maintenance' tabs. The main display is divided into two columns. The left column, titled 'Lamp Supply Control Mode', includes a sub-tab 'Intensity Mode' and displays several parameters: S-I Corrected Intensity (1.6013), Error Term (0.005), Integrator (1/s) (-0.312), DAQ Lamp PS Control (Vdc) (1.2943), Lamp Operating Voltage (Vdc) (0.05), Lamp Current (Adc) (0.081), and Lamp Intensity Photodiode (Vdc) (5.2502). The right column, titled 'System Calibration Constants', displays: Measured 1 sun Intensity (Vdc) (5.2502), Measured Minimum Intensity (Vdc) (4.3124), Measured Maximum Intensity (Vdc) (6.7154), Measured Intensity Line Fit Slope (-1.5343), and Measured Intensity Line Fit Intercept (7.7147). At the bottom of the right column, system information is shown: Computer Model (LENOVO Q190), Operating System (WINDOWS 8 SSCS 4.6.0.0), and Interface board (12344 REV. F).

Lamp Supply Control Mode		System Calibration Constants	
S-I Corrected Intensity	1.6013	Measured 1 sun Intensity (Vdc)	5.2502
Error Term	0.005	Measured Minimum Intensity (Vdc)	4.3124
Integrator (1/s)	-0.312	Measured Maximum Intensity (Vdc)	6.7154
DAQ Lamp PS Control (Vdc)	1.2943	Measured Intensity Line Fit Slope	-1.5343
Lamp Operating Voltage (Vdc)	0.05	Measured Intensity Line Fit Intercept	7.7147
Lamp Current (Adc)	0.081	Computer Model	LENOVO Q190
Lamp Intensity Photodiode (Vdc)	5.2502	Operating System	WINDOWS 8 SSCS 4.6.0.0
		Interface board	12344 REV. F