

# GE CT System PM Checklist Q1

Site: <i>Green Light CT4</i>	Date: <i>1-13-2022</i>		
System ID#: <i>OPTIMA 520 CT</i>	Service Report#:		
Service Engineer: <i>Alejandro Ramirez</i>			
Procedure	Inspected	Cleaned	Passed
COMPUTER			
Check fans/Clean/Vacuum all exhaust vent holes	✓	✓	
CONSOLE			
Check fans/Clean/Vacuum console interior	✓	✓	
Verify emergency off buttons (table/console)	✓		✓
Inspect Keyboard, mouse, and monitors cable connections and operation <i>Replaced Mouse</i>	✓	✓	✓
GANTRY			
Verify tilt operation	✓		✓
Inspect/ Clean Mylar window	✓	✓	✓
Inspect/ Clean All fans and filters	✓	✓	
Handling & Removal of Slip Ring Brush Debris	✓	✓	✓
Slip Ring Vacuuming	✓	✓	✓
Verify Gantry balance	✓		✓
SYSTEM			
Check operation of final scan abort push-buttons	✓		✓
Inspect Error Logs for bad channels, tube spits, and HV issues	✓		✓
Record current tube mAs or exams	✓		
Verify Recon Data Path passes	✓		✓
Verify Das Tools auto test passes	✓		✓
Verify Collimator functional test	✓		✓
Verify Collimator Aperture	✓		✓
Inspect/Clean/Check operation of table cradle drive	✓	✓	✓
General Cleaning of all covers	✓	✓	
Inspect high voltage connections	✓		✓

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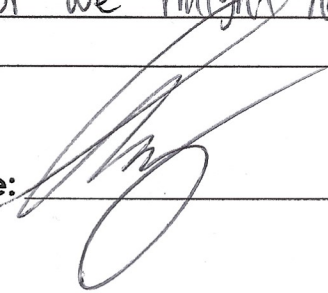
Procedure	Inspected	Cleaned	Passed
SYSTEM (Continued)			
Inspect tube cooling connections	✓		✓
Verify table movement	✓	✓	✓
Verify laser light alignments	✓	✓	✓
Verify console date and time	✓		✓
Verify console network, archive and filming queues are empty	✓		✓
Perform Quality Assurance Scans	✓		✓
Create system state backup <span style="margin-left: 20px;">USB Backup</span>	✓		✓

**Notes:**

While going through the error log I found a thermistor open failure thermistor 1. Also seen a failed token path Solarix Large, Head, Center X-Large, SPOT, Slice-factor-02\_625x16\_1\_25x8 failed function. Disabled Dose information database read error. Might need a SW load I am looking into it to confirm the appropriate action. System is operational if passes all calibrations including CT Numbers ran over 2k scans.

On the thermistor error we might have to order that part.

Service Engineer Signature: \_\_\_\_\_



Date: \_\_\_\_\_

1-13-2022