[Name of Dental Practice] [How to use templates](https://www.psm.sdcep.org.uk/templates/how-to-use-templates/)  [Date]

## Digital Detector Check Record

## Checks

[Describe the in-house checks of digital detectors (i.e. phosphor plates or digital sensors) carried out by the practice to ensure that digital image production is satisfactory for diagnostic use.

The [Guidance Notes for Dental Practitioners on the Safe Use of X-ray Equipment](https://cgdent.uk/standards-guidance/) provide details of quality assurance checks for digital image production. Consult with your Medical Physics Expert or Radiation Protection Adviser for advice on the tests and frequency if required.

e.g. for computed digital radiography:

* Condition of phosphor plate (i.e. check that plate is clean and free from visible damage, including scratches, creases, peeling of coating etc)
* Image uniformity (from low dose test exposure of plate)
* Low contrast sensitivity (from exposure of test object)
* Dose response (from exposure of test object and use of a region of interest software tool)

Or for direct digital radiography:

* Condition of digital sensor (i.e. check that sensor is clean and free from any visible damage, including to casing or cable)
* Image uniformity (from low dose test exposure of sensor)
* Low contrast sensitivity (from exposure of test object)
* Dose response (from exposure of test object and use of a region of interest software tool)]

## Record

| **Date** | **Detector type and  ID/serial no.** | **Type of check** | **Checked by** | **Outcome** |
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