

RADIATION SURVEY

System S/N:	JN2604
Customer:	SANITIZED
Date:	3/16/2021
System Model:	XT H 320

Head/Gun Type	Max kV	Max Power	Max μ A at Max Power
320 Reflection	320 kV	225 W	703 μ A
225 Static Reflection	225 kV	225 W	1000 μ A
225 Rotating Reflection	225 kV	450 W	2000 μ A

COMMENTS

FULL POWER RADIATION CHECK

Measurements are taken on all external surfaces of the cabinet with all panels attached, both with direct beam and with an aluminum scatter block located 10 inches from the source. This is repeated with all the targets listed and the highest measured value of leakage is recorded below.

RADIATION METER DETAILS

Radiation Detector SN:

Radiation Detector Calibration Date:

Location	Max. Reading
Door Frame & Seals	< 0.25 mR/hr
Window	< 0.25 mR/hr
Door Wall	< 0.25 mR/hr
L.H Wall	< 0.25 mR/hr
R.H Wall, Imaging Box	< 0.25 mR/hr
Back Wall	< 0.25 mR/hr
Roof, Top Hat	< 0.25 mR/hr
Base Gun Box	< 0.25 mR/hr
Other	< 0.25 mR/hr

The above enclosure meets current standards for operation by non-classified personnel as required by USA Standard 21 CFR 1020.40 which states that 'Radiation emitted from the cabinet X-ray system shall not exceed an exposure of 0.5 milliroentgen in one hour at any point five centimeters outside the external surface'. Nikon radiation certification requires the maximum reading to be less than half of this value.

Tested for a maximum of: < 0.25 mR/hr		
<i>Survey Completed By:</i> ScanTech Technical Consulting	Name of Surveyor (Print):	Joel-Anthony Gray
	Signature of Surveyor:	<i>Joel-Anthony Gray</i>
	Date:	3/16/2021