For radiographers using gamma rays, the table below provides a good starting point to explore the use of Carestream NDT's DDAs:

Digital R Factor for HPX-DR 3543 PE							
	Pixel Intensity Desired						
Source Type	3000	6000	9000	12000	15000	18000	21000
Iridium	0.0112	0.0237	0.0366	0.0499	0.0635	0.0775	0.0918
Selenium	0.0011	0.0072	0.0113	0.0195	0.0258	0.0321	0.0384
Cobalt	0.0224	0.0529	0.0838	0.1151	0.1467	0.1787	0.2110
Digital R Factor for HPX-DR 2530 PC							
	Pixel Intensity Desired						
Source Type	3000	6000	9000	12000	15000	18000	21000
Iridium	0.0084	0.0205	0.0328	0.0452	0.0577	0.0702	0.0829
Selenium	0.0021	0.0082	0.0144	0.0207	0.0270	0.0334	0.0399
Cobalt	0.0161	0.0434	0.0708	0.0984	0.1263	0.1542	0.1824
Digital R Factor for HPX-DR 2530 PH *							
	Pixel Intensity Desired						
Source Type	3000	6000	9000	12000	15000	18000	21000
Iridium	0.0183	0.0423	0.0663	0.0904	0.1144	0.1385	0.1625
Selenium	0.0070	0.0190	0.0311	0.0431	0.0552	0.0673	0.0794
Cobalt	0.0586	0.1187	0.1788	0.2390	0.2993	0.3596	0.4199

*Note: The 2530 PH R factors can also be utilized for the HPX-DR 4336 GH (amplification gain setting of 4)

Table 1: Digital R Factor for Carestream's DDAs

Adapted from White, B., Presentation "Exposure Guidance and the Myth of Pixel Value Dependence for Digital Detector Array Radiography" 20th World Conference, 2020. [8]