

TABLE 4**HALF VALUE LAYER (HVL) CRITERIA**

Design Operating Range	Measured Potential (kVp)	Half Value Layer In mm of Aluminum	
		Dental Intra-Oral Manufactured before August 1, 1974 and On or After December 1, 1980	All Other Diagnostic X-ray Systems
Below 51	30	N/A	0.3
	40	N/A	0.4
51 to 70	50	1.5	0.5
	51	1.5	1.2
	60	1.5	1.3
	70	1.5	1.5
Above 70	71	2.1	2.1
	80	2.3	2.3
	90	2.5	2.5
	100	2.7	2.7
	110	3.0	3.0
	120	3.2	3.2
	130	3.5	3.5
	140	3.8	3.8
	150	4.1	4.1

Note: The above HVL criteria will be considered to have been met if it can be demonstrated that the aluminum equivalent of the total filtration in the primary beam is not less than that shown in Table 5.