


Name of the Equipment / Facility	<b>Pulse Current Injection Facility</b>																	
Purpose / Use	EMP Hardness Assurance Testing of Filters																	
Photographs																		
Key Specification	<table border="1" data-bbox="628 904 1334 1249"> <thead> <tr> <th data-bbox="628 904 915 972">Type of Pulse</th> <th data-bbox="915 904 1114 972"><math>E_1</math></th> <th data-bbox="1114 904 1334 972"><math>E_2</math></th> </tr> </thead> <tbody> <tr> <td data-bbox="628 972 915 1039">Peak Short Circuit Current</td> <td data-bbox="915 972 1114 1039">5 kA (max)</td> <td data-bbox="1114 972 1334 1039">260 A (max)</td> </tr> <tr> <td data-bbox="628 1039 915 1106">Short Circuit Current Rise Time</td> <td data-bbox="915 1039 1114 1106"><math>\leq 20</math> ns</td> <td data-bbox="1114 1039 1334 1106"><math>\leq 1.5</math> <math>\mu</math>s</td> </tr> <tr> <td data-bbox="628 1106 915 1173">Current Pulse Length (FWHM)</td> <td data-bbox="915 1106 1114 1173">500 – 550 ns</td> <td data-bbox="1114 1106 1334 1173">3 – 5 ms</td> </tr> <tr> <td data-bbox="628 1173 915 1240">Source Impedance</td> <td data-bbox="915 1173 1114 1240"><math>\geq 60</math> <math>\Omega</math></td> <td data-bbox="1114 1173 1334 1240"><math>\geq 10</math> <math>\Omega</math></td> </tr> </tbody> </table>			Type of Pulse	$E_1$	$E_2$	Peak Short Circuit Current	5 kA (max)	260 A (max)	Short Circuit Current Rise Time	$\leq 20$ ns	$\leq 1.5$ $\mu$ s	Current Pulse Length (FWHM)	500 – 550 ns	3 – 5 ms	Source Impedance	$\geq 60$ $\Omega$	$\geq 10$ $\Omega$
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Representative Output (If Possible)	