

**Signa Horizon 5.X & 8.X RF/PEN CABINET  
Power Monitor Functional Test Declaration**

**SITE**

\_\_\_\_\_  
(NAME) (SYSTEM ID, ROOM NUMBER, ETC., IF APPLICABLE)

\_\_\_\_\_  
(STREET) (SYSTEM CABINET SERIAL NUMBER)

\_\_\_\_\_  
(CITY, STATE, ZIP CODE) (CURRENT SYSTEM SOFTWARE RELEASE)

**TEST EQUIPMENT**

\_\_\_\_\_  
(BIRD WATTMETER SERIAL NO.) (OSCILLOSCOPE SERIAL NO.) (RF POWER MEASUREMENT KIT SERIAL NO.)

\_\_\_\_\_  
(DUMMY LOAD PLUS CABLES ATTEN FACTOR) (AMP TO WATTMETER CABLE ATTEN FACTOR)

**PERFORMANCE**

FUNCTION CHECK STATUS	PASS
BODY PEAK POWER TEST	<input type="checkbox"/>
BODY PULSE WIDTH TEST	<input type="checkbox"/>
BODY DUTY CYCLE TEST	<input type="checkbox"/>
HEAD PEAK POWER TEST	<input type="checkbox"/>
HEAD PULSE WIDTH TEST	<input type="checkbox"/>
HEAD DUTY CYCLE TEST	<input type="checkbox"/>
SHUTDOWN VERIFICATION	<input type="checkbox"/>

CONFIGURATION FILE ENTRIES	
	Cable loss coefficient      Coil loss coefficient
Head Coil	_____
Body Coil	_____
AMP Cal Head	_____ ABSOLUTE AVG SAR _____
AMP Cal Body	_____ ABSOLUTE PEAK SAR _____
Average SAR Factor	_____ Peak SAR Factor _____

**RESTORATION CHECK LIST**

<p>Replace JP9 and JP1 on the Communications Manager/Power Monitor Board.</p> <p>Return the rocker switch on the front panel of the RF SCM to off.</p> <p>Disconnect dummy load and wattmeter from rear of RF cabinet.</p> <p>Reconnect head and body heliax cables to rear of RF cabinet.</p> <p>Ensure that JP2 and JP6 are in the Normal position, (A), on the Communications Manager/Power Monitor Board.</p> <p>Ensure that Power On and Ready LEDs are on for both power monitors.</p> <p>Verify that jumper JP8 is in position A.</p> <p>Close the top lid of the RF system controller power supply module.</p>	<p>Reconnect BNC cables to RFIN, MR1A15J105 and EFB RFOUT, MR1A15J103.</p> <p>Perform one satisfactory head scan.</p> <p>Ensure that Sense and Head LEDs for both power monitors are on during head scan.</p> <p>Perform one satisfactory body scan.</p> <p>Ensure that Sense and Body LEDs for both power monitors are on during body scan.</p> <p>Remove key from the monitor interlock switch, and replace the front door on the RF/PEN cabinet.</p> <p>Prepare and file Direction 2147006, <i>Signa Horizon 5.X &amp; 8.X RF PEN Power Monitor Functional Test Declaration Form</i> according to company policy.</p>
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(PERFORMED BY - PLEASE PRINT)

\_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(DATE)