

EXHIBIT 7-1 MEASUREMENT PROCEDURES – 47 CFR 2.947

7.1-1 RF Power – Pursuant 47 CFR 2.947(c)

7.1.a Method of Power Output Measurement

RF power output was measured by contacting RF power pads provided on the printed circuit assembly with “pogo” pins and clamped in a fixture to ensure positive contact during the measurements.

Current measurement was measured as total current. The phone was powered by an external power supply. Current was measured with current probe clipped to the supply line.

7.2-1 Radiated Spurious Emissions – Pursuant 47 CFR 2.947(b)

The test site used was the **Motorola PCS EMC Laboratory**, 1500 Gateway Blvd., Boynton Beach, Florida, 33426, and is accredited to ISO/IEC 17025 from the American Association for Laboratory Accreditation (FCC Registration: 100000/Industry Canada: IC3908).

7.6-1 Measurement Equipment List

PST	10W Amplifier	
Signal Generator	HP 8656A	
Scientific Atlanta	series 2080 Antenna Analyzer (positioner)	
Watkins-Johnson	L.P. antenna AR7-17A (receiving antenna)	
60' Tapered	Anechoic Chamber	
Hitachi MX 166	computer (for Ber-Bug)	
HP 437B	Power Meter	
	Sleeved Dipole (reference antenna)	
	Battery Block (offsets: 813 MHz = 0.12 dBm, 896 MHz = 0.42 dBm)	
H.P. 8566B	Spectrum Analyzer:	
H.P. 89441A	Vector Signal Analyzer	
H.P. 66523A	Power Supply	
Thermotron	SM-8C	
Rohde & Schwarz	EMI Test Receiver	ESI26
Hewlett Packard	RF Amplifier	8347A
Hewlett Packard	Pre-Amplifier	8449B
ETS	DRG Horn Antenna	3115
A. H. Systems, Inc.	DRG Horn Antenna	SAS-200/571
A. H. Systems, Inc.	DRG Horn Antenna	SAS-200/571
ETS	Log-Periodic Antenna	3148
ETS	Biconical Antenna	3110B
Compliance Design	Biconical Antenna	B100
Compliance Design	Biconical Antenna	B200
Compliance Design	Biconical Antenna	B300
Weinschel	Attenuator	AS-6
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Motorola	Comm. Analyzer	R2660C