

EXHIBIT H

Paragraph 2.983(e)

Test Data and Measurement Procedures



Retlif Testing Laboratories

Test Report Number R-7515-1
FCC ID: CCRVH3

EXHIBIT H

Paragraph 2.985(a)

Effective Radiated Power (Power Output)



Retlif Testing Laboratories

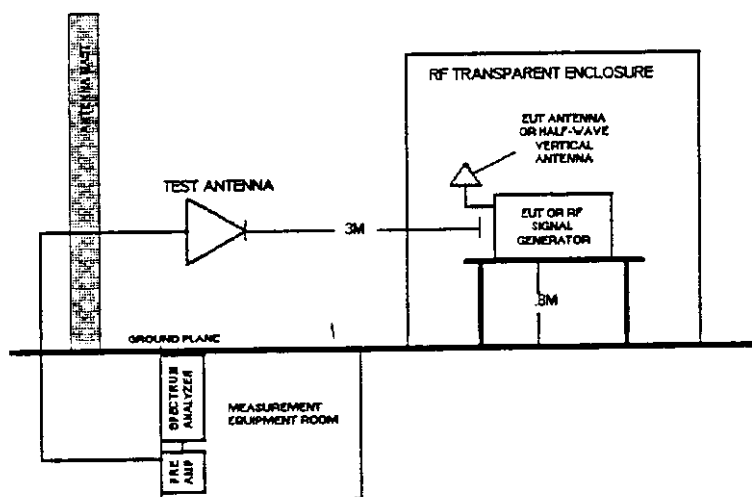
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EFFECTIVE RADIATED POWER (POWER OUTPUT) (Para. 2.985(a))

A. Measurement Procedure:

The transmitter under test was placed on an 80cm high turntable located on an Open Air Test Site (OATS). The antenna of the transmitter under test was vertically polarized. A dipole antenna (also vertically polarized) was placed 3 Meters away. The dipole antenna was raised and lowered and the turntable rotated until the maximum field strength was measured. The transmitter under test was then removed and was replaced with a dipole antenna and signal generator. The output of the signal generator was then adjusted until the field strength matched that of the transmitter under test. The input of the dipole from the signal generator was then measured and this was the level determined to be the effective radiated power. This test was performed on the lower, middle and upper areas of the device's operating frequency range.

Setup of the test is shown below:



B. Test Results:

The results for the above test are shown of the following single data sheet.



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POWER OUTPUT (Para. 2.985(a))

A. Measurement Procedure:

The RF output of the test sample was connected through external attenuators to a spectrum analyzer using a 3MHz resolution bandwidth. The power output was measured for the unmodulated carrier frequency with the EUT being supplied with a low voltage, nominal voltage, and high voltage.

Setup of the test is shown below:



B. Test Results:

The results for the above test are shown of the following single data sheet.



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RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

TEST METHOD: OUTPUT POWER (85% to 115% of Input Power) Para 2.985

CUSTOMER: Samson Technologies **JOB No.:** R-7515-1

TEST SAMPLE: 174 MHz to 216 MHz Wireless FM Transmitter

MODEL No.: SH4 **SERIAL No.:** FCC ID: CCRSH4

TEST SPECIFICATION: FCC Part 74 Experimental Radio, Auxiliary, Special Broadcast and other Program Distributional Services.
PARAGRAPH: 74.861

OPERATING MODE: Transmitting a CW signal at center frequency as specified below

TECHNICIAN: T. Schneider **DATE:** April 28, 1998

NOTES: Level adjustment set at maximum.

TRANSMIT FREQUENCY	Percent of Rated V	INPUT VOLTAGE		Meter Reading	Converted Reading		Limit
MHz	%	Volts DC		dBm	millWatts		milliwatts
174.600	85	7.65		3.11	2.04		50
	100	9.00		4.35	2.72		50
V 174.600	115	10.65		5.16	3.28		50
199.600	85	7.65		-7.94	0.16		50
	100	9.00		-7.04	0.20		50
V 199.600	115	10.65		-6.54	0.22		50
213.200	85	7.65		2.66	1.84		50
	100	9.00		2.96	1.98		50
V 213.200	115	10.65		2.73	1.87		50