

2.1051 Not Applicable, no antenna terminal allowed.

2.1053 UNWANTED_RADIATION:

95.635(b)(7)

REQUIREMENTS: Emissions must be attenuated by at least the following below the output of the transmitter.

$$43 + 10\log(TP) = 43 + 10\log(0.5) = 40.00\text{dB}$$

TEST DATA:

EMISSION FREQ. MHz	ATT. dB	MARGIN dB
462.0	0.00	
925.20	44.44	
1387.80	47.29	
1850.0	55.71	
2313.0	46.08	
2775.60	61.05	
3238.80	65.73	
3700.80	52.50	
4163.40	49.30	
4626.00	58.88	

MARGIN = (Field strength of Fund - 40dB) - FS OF EMISSION

METHOD OF MEASUREMENT: The procedure used was TIA/EIA STANDARD 603 using the substitution method.

The spectrum was scanned from 30 to at least the tenth harmonic of the fundamental using a HP model 8566B spectrum analyzer, and an appropriate antenna - see the equipment list. Measurements were made at the open field test site of TIMCO ENGINEERING INC. located at 849 N.W. State Road 45, Newberry, FL 32669.

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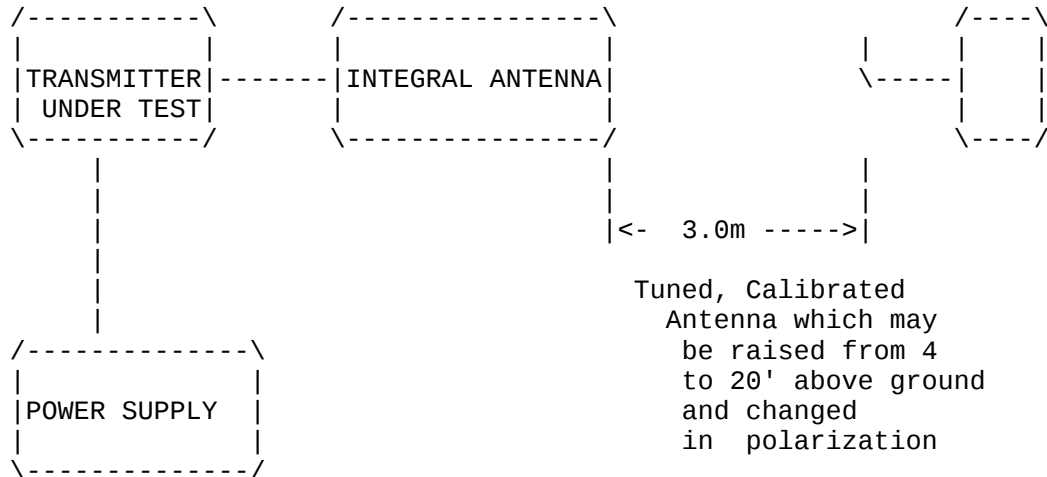
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2.1053
95.631(b)(8)(9)

UNWANTED_RADIATION:

Method of Measuring Radiated Spurious Emissions

Hewlett Packard
Spectrum
Analyzer
HP8566B



Equipment placed 4' above ground
on a rotatable platform.

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