

PAGE NO. 2 of 21. AMENDED June 20, 2003

LIST OF GENERAL INFORMATION REQUIRED FOR CERTIFICATION

IN ACCORDANCE WITH FCC RULES AND REGULATIONS,
VOLUME II, PART 2 AND TO

15.245, Confidentiality

Sub-part 2.1033

(c) (1): NAME AND ADDRESS OF APPLICANT:

EG & G Technical Services, Inc.
P.O. Box 9100
Albuquerque, NM 87119-9100

MANUFACTURER:

Applicant

(c) (2): FCC ID: QUZ126728

MODEL NO: PIC-1

(c) (3): INSTRUCTION MANUAL(S):

PLEASE SEE ATTACHED EXHIBITS

(c) (5): FREQUENCY RANGE, MHz: 902 to 928

(c) (6): POWER RATING, Watts: 0.0005 to 0.004
 Switchable x Variable N/A

(c) (7): MAXIMUM POWER RATING, Watts: 500 mv/m @ 3m

15.203: ANTENNA REQUIREMENT:

 x The antenna is permanently attached to the EUT
 The antenna uses a unique coupling
 The EUT must be professionally installed
 The antenna requirement does not apply

PLEASE NOTE: ALL DEVICES CONTAIN AN R.F. MODULE MANUFACTURED BY
LINX TECHNOLOGIES, FCC ID: OJM-TR-916-SC.

PAGE NO.

5 of 21. AMENDED June 20, 2003

Sub-part
2.1033(b):TEST AND MEASUREMENT DATA

All tests and measurement data shown were performed in accordance with FCC Rules and Regulations, Volume II; Part 2, Sub-part J, Sections 2.1031, 2.1033, 2.1035, 2.1041, 2.1043, 2.1045, and the following individual Parts:

- _____ 15.209 Radiated emission limits; general requirements
- _____ 15.211 Tunnel radio systems
- _____ 15.213 Cable locating equipment
- _____ 15.214 Cordless telephones
- _____ 15.217 Operation in the band 160-190 kHz
- _____ 15.219 Operation in the band 510-1705 kHz
- _____ 15.221 Operation in the band 525-1705 kHz (leaky coax)
- _____ 15.223 Operation in the band 1.705-10 MHz
- _____ 15.225 Operation in the band 13.553-13.567 MHz
- _____ 15.227 Operation in the band 26-27.28 MHz (remote control)
- _____ 15.229 Operation in the band 40.66-40.70 MHz
- _____ 15.231 Periodic operation in the band 40.66-40.70 MHz and above 70 MHz
- _____ 15.233 Operation within the bands 43.71-44.49, 46.60-46.98 MHz 48.75-49.51 MHz and 49.66-50.0 MHz
- _____ 15.235 Operation within the band 49.82-49.90 MHz
- _____ 15.237 Operation within the bands 72.0-73.0 MHz, 74.6-74.8 MHz and 75.2-76.0 MHz (auditory assistance)
- _____ 15.239 Operation in band 88-108 MHz
- _____ 15.241 Operation in the band 174-216 MHz (biomedical)
- _____ 15.243 Operation in the band 890-940 MHz (materials)
- x _____ 15.245 Operation within the bands 902-928 MHz, 2435-2465 MHz, 5785-5815 MHz, 10500-10550 MHz, and 24075-24175 MHz (field disturbance sensors)
- _____ 15.247 Operation within bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz (spread spectrum)
- _____ 15.249 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz
- _____ 15.251 Operation within the bands 2.9-3.26 GHz, 3.267-3.332 GHz, 3.339-3.3458 GHz, and 3.358-3.6 GHz (vehicle identification systems)
- _____ 15.321 Specific requirements for asynchronous devices operating in the 1910-1920 MHz and 2390-2400 MHz bands (Unlicensed PCS)
- _____ 15.323 Specific requirements for isochronous devices operating in the 1920-1930 MHz sub-band (Unlicensed PCS)

PAGE NO. 9 of 21. AMENDED June 20, 2003

NAME OF TEST: Unwanted Emissions (Transmitter Conducted)

LIMIT, dBc

-49, for 4.0 mw, maximum (450 mw)

Actual = 1 mw

g0330056: 2003-Mar-10 Mon 10:30:00

STATE: 2:High Power

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	LEVEL, dBm
916.480000	1832.882700	-80.5
916.480000	2749.620100	-86.2
916.480000	3665.743400	-87.4
916.480000	4582.309700	-86.7
916.480000	5498.861500	-86.1
916.480000	6415.144400	-80.5
916.480000	7331.678300	-80.6
916.480000	8248.209200	-81.2
916.480000	9164.695700	-79.5
916.480000	10081.403300	-80.1
916.480000	10998.009500	-79.5
916.480000	11914.466000	-79.6
916.480000	12830.692100	-74.9
916.480000	13747.443500	-74.8



Morton Flom, P. Eng.

PAGE NO.

15 of 21. AMENDED June 4, 2003

NAME OF TEST: Field Strength of Spurious Radiation

g0330059: 2003-Mar-10 Mon 11:19:00

STATE: 2:High Power

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	ERP, dBm
916.480000	1832.927333	-66.8
916.480000	2749.302333	-56.4
916.480000	3666.004000	-54.8
916.480000	4581.937333	-54.1
916.480000	5499.112333	-51.8
916.480000	6415.535666	-53.4
916.480000	7332.195666	-50.5
916.480000	8248.292333	-49.4
916.480000	9164.917333	-47.6

NOTE: Worst Case = -47.6 dbm
= 0.95 millivolt



Morton Flom, P. Eng.