

TABLE OF CONTENTS LIST

APPLICANT: LINKOMM COMMUNICATIONS NETWORK

FCC ID: PHC1027Z

TEST REPORT:

PAGE 1.....LETTER REQUESTING CLASS II PERMISSIVE CHANGE
PAGE 2.....GENERAL INFORMATION & RF POWER OUTPUT
PAGE 3.....FIELD STRENGTH OF SPURIOUS EMISSIONS
PAGE 4.....METHOD OF MEASURING RADIATED SPURIOUS EMISSIONS

EXHIBITS CONTAINING:

EXHIBIT 1.....LETTER FROM CUSTOMER EXPLAINING DIFFERENCES
EXHIBIT 2.....FCC ID LABEL SAMPLE
EXHIBIT 3.....SKETCH OF FCC ID LABEL LOCATION
EXHIBIT 4A.....EXTERNAL PHOTO - FRONT VIEW
EXHIBIT 4B.....EXTERNAL PHOTO - TOP VIEW
EXHIBIT 4C.....EXTERNAL PHOTO - BOTTOM
EXHIBIT 4D-4E.....EXTERNAL PHOTO - SIDE VIEW
EXHIBIT 4F.....EXTERNAL PHOTO - REAR VIEW
EXHIBIT 4G.....INTERNAL PHOTO - SOLDER SIDE
EXHIBIT 4H.....INTERNAL PHOTO - COMPONENT SIDE
EXHIBIT 5.....SCHEMATIC
EXHIBIT 6.....TEST SET UP PHOTOGRAPH

APPLICANT: LINKOMM COMMUNICATIONS NETWORK

FCC ID: PHC1027Z

REPORT #: L/LINKOMM\479BYK1\479BYK1RPT.doc

PAGE: TABLE OF CONTENTS

GENERAL INFORMATION REQUIRED
FOR TYPE ACCEPTANCE

2.1033(c)(1)(2) LINKCOMM COMMUNICATIONS NETWORK will manufacture the FCCID: PHC1027Z FAMILY RADIO SERVICES 14 CHANNEL TRANSCEIVER in quantity, for use under FCC RULES PART 95. The UUT is a PTT Radio with a maximum duty cycle of 50%.

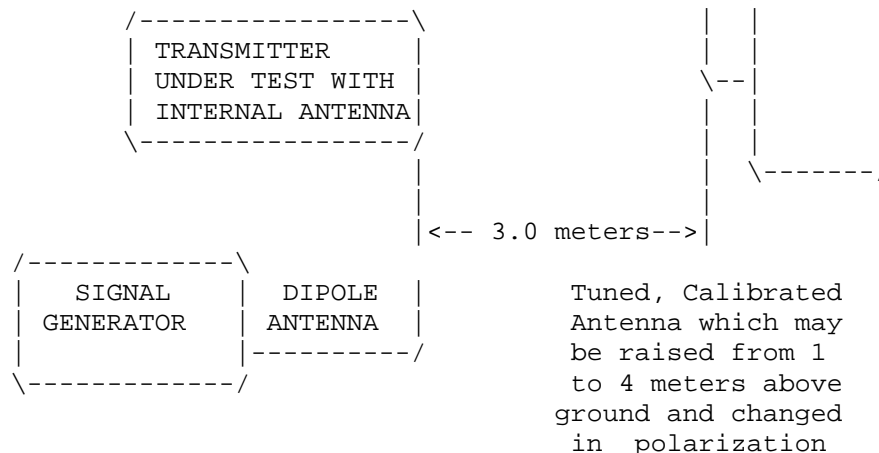
LINKCOMM COMMUNICATIONS NETWORK
SAMYOUNG B/D 48-8 SHINWOUL 3RD-DONG YANGCHEON-GU
SEOUL KOREA

2.1046(a) RF power output.

95.639 RF power is measured by measuring the radiated power at 3 meters and then replacing the transmitter with a signal generator to determine the effective radiated power. The ERP shall not exceed 0.500 Watts.
MEASURED POWER OUTPUT = 500 milliWatts ERP

R.F. POWER OUTPUT
TEST SET UP

HP
Spectrum
Analyzer



Equipment placed 80cm above ground on a rotatable platform.

2.1051 Not Applicable, no antenna terminal allowed.

2.1053 UNWANTED_RADIATION:
95.635(b)(4)

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

$$43 + 10\log(TP) = 43 + 10\log(0.50) = 39.99 \text{ dB}$$

TEST DATA:

EMISSION FREQ. MHz	METER READING @ 3m dBuV	COAX LOSS dB	ACF dB	FIELD STRNGTH dBuV/m	ATT. dBuV/m	MARGIN dB	ANT.
462.60	104.80	1.60	18.44	124.84	0.00	0.00	V
925.30	45.70	2.90	24.10	72.70	50.14	10.15	V
1387.90	47.10	1.00	25.55	73.65	49.19	9.20	H
1850.60	41.30	1.01	27.40	69.71	53.13	13.14	V
2313.30	52.60	1.08	28.78	82.46	42.38	2.39	V
2775.90	45.10	1.15	29.94	76.19	46.65	6.66	V
3238.60	40.90	1.22	31.10	73.21	49.63	9.64	V
3701.30	34.10	1.29	32.25	67.64	55.20	15.21	H
4163.90	35.00	1.35	33.18	69.54	53.30	13.31	V
4626.60	45.60	1.42	33.70	80.73	42.11	2.12	V

MARGIN = (Field strength of Fund -39.99 dB) - FS OF EMISSION

METHOD OF MEASUREMENT: The procedure used was C63.4-1992 for intentional radiators. 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 test 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.

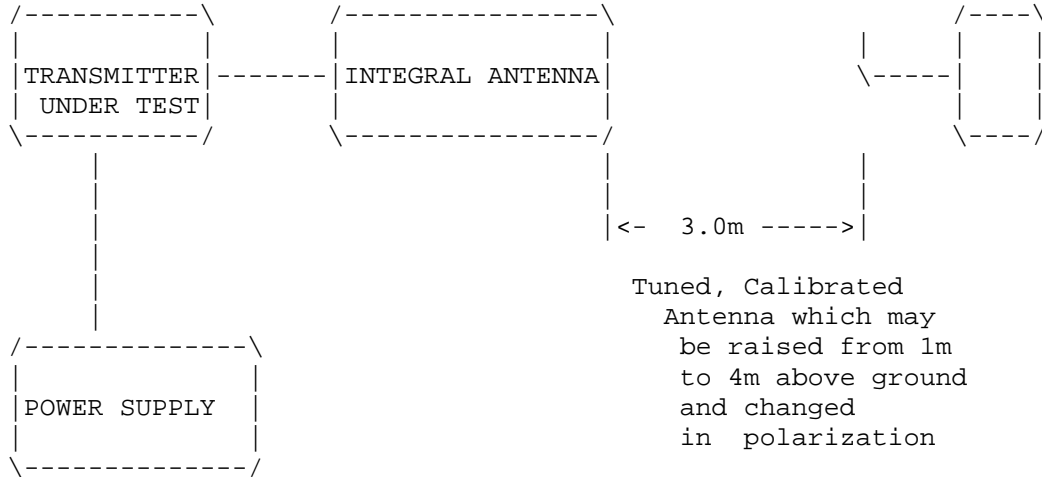
APPLICANT: LINKOMM COMMUNICATIONS NETWORK
FCC ID: PHC1027Z
REPORT #: L/LINKOMM\479BYK1\479BYK1RPT.doc
PAGE #: 3

2.1053
95.635

UNWANTED_RADIATION:

Method of Measuring Radiated Spurious Emissions

Hewlett Packard
Spectrum
Analyzer
HP8566B



Equipment placed 80cm above ground
on a rotatable platform.

APPLICANT: LINKOMM COMMUNICATIONS NETWORK
FCC ID: PHC1027Z
REPORT #: L/LINKOMM\479BYK1\479BYK1RPT.doc
PAGE #: 4