

APPLICANT: ACROWAVE SYSTEMS CO., LTD.

FCC ID: PE6AWL-1100C

NAME OF TEST: RADIATED SPURIOUS EMISSIONS INTO ADJACENT
RESTRICTED BAND

REQUIREMENTS: Emissions that fall in the restricted bands
(15.205). These emissions must be less than
or equal to 500 uV/m (54 dBuV/m).

TEST PROCEDURE: An in band field strength measurement of the
fundamental emissions using the RBW and
detector function required by C63.4-2000 and
FCC rules. The procedure was repeated with
an average detector and a plot made. The
calculated field strength in the adjacent
restricted band is presented below.

-102.60 dBm - from Plot
+ 29.21 dB - ACF
+ 1.1 dB - Coax Loss

- 72.99 dBm
+107.00

34.71 dBuV

APPLICANT: ACROWAVE SYSTEMS CO., LTD.
FCCID: PE6AWL-1100C
REPORT #: T:\CUS\A\ACRO\689K0\689K0RPT.DOC
PAGE #: 11

hp REF -45.0 dBm ATTEN 0 dB +0 dB MKR 2.483 52 GHz
-102.60 dBm

10 dB/

OFFSET
-35.0
dB

DL
-95.0
dBm

MARKER
2.483 52 GHz
-102.60 dBm



ACROWAVE SYSTEMS CO., LTD.
FCC ID: PE6AWL-1100C
JOB #: 689K0
PAGE #: 12

START 2.458 0 GHz RES BW 1 MHz (i) VBW 10 Hz STOP 2.487 7 GHz SWP 14.3 sec

APPLICANT: ACROWAVE SYSTEMS CO., LTD.
FCC ID: PE6AWL-1100C
NAME OF TEST: POWER SPECTRAL DENSITY
RULES PART NUMBER: 15.247(d)
REQUIREMENTS: The peak level measured must be no greater than
+8.0dBm.

DATA: THE PLOT IS ON THE NEXT PAGE.

The level at 2413.182MHz was -24.10dBm.

Calculation: - 72.1 dBm
+ 13.0 dB ATT
+ 35.0 Correction Factor

NAME OF TEST: PROCESSING GAIN

RULES PART NUMBER: 15.247(e)

REQUIREMENTS:

DATA: The processing gain information supplied by the manufacturer
is 10.0dB.

See Exhibits 7A-7F and 8A-8C for processing gain test
methods and data.

APPLICANT: ACROWAVE SYSTEMS CO., LTD.
FCCID: PE6AWL-1100C
REPORT #: T:\CUS\A\ACRO\689K0\689K0RPT.DOC
PAGE #: 13

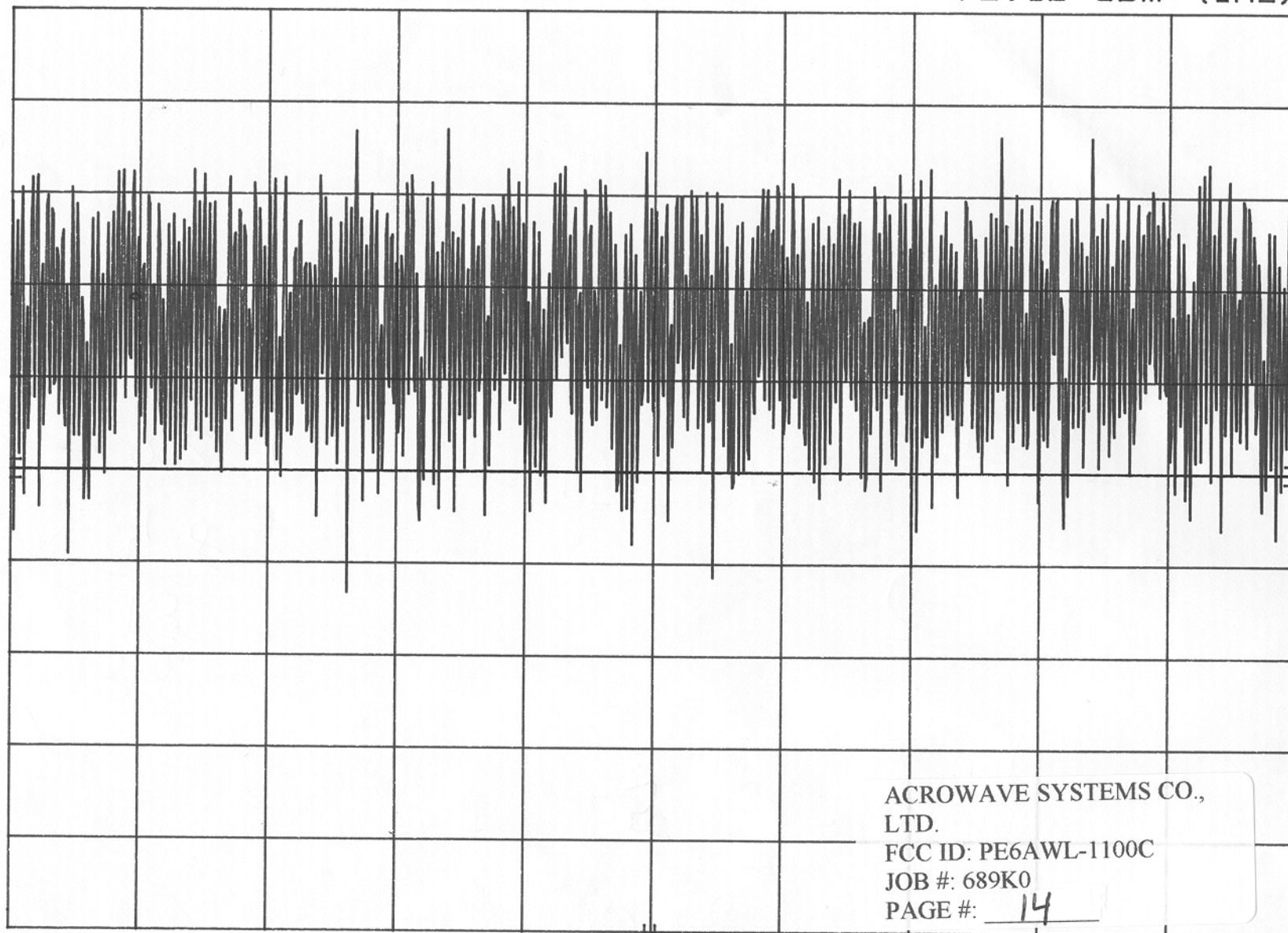
SPECTRAL DENSITY

MKR 2.413 182 GHz
-72.10 dBm (1Hz)

hp REF -10.0 dBm ATTEN 0 dB + 20 dB

10 dB/

SAMPLE

DL
-60.0
dBmACROWAVE SYSTEMS
JOB #: 689U0
FCCID: PE6AWL-1100CACROWAVE SYSTEMS CO.,
LTD.

FCC ID: PE6AWL-1100C

JOB #: 689K0

PAGE #: 14

CENTER 2.413 98 GHz

RES BW 3 kHz (i)

VBW 30 kHz

SPAN 2.00 MHz
SWP 500 sec