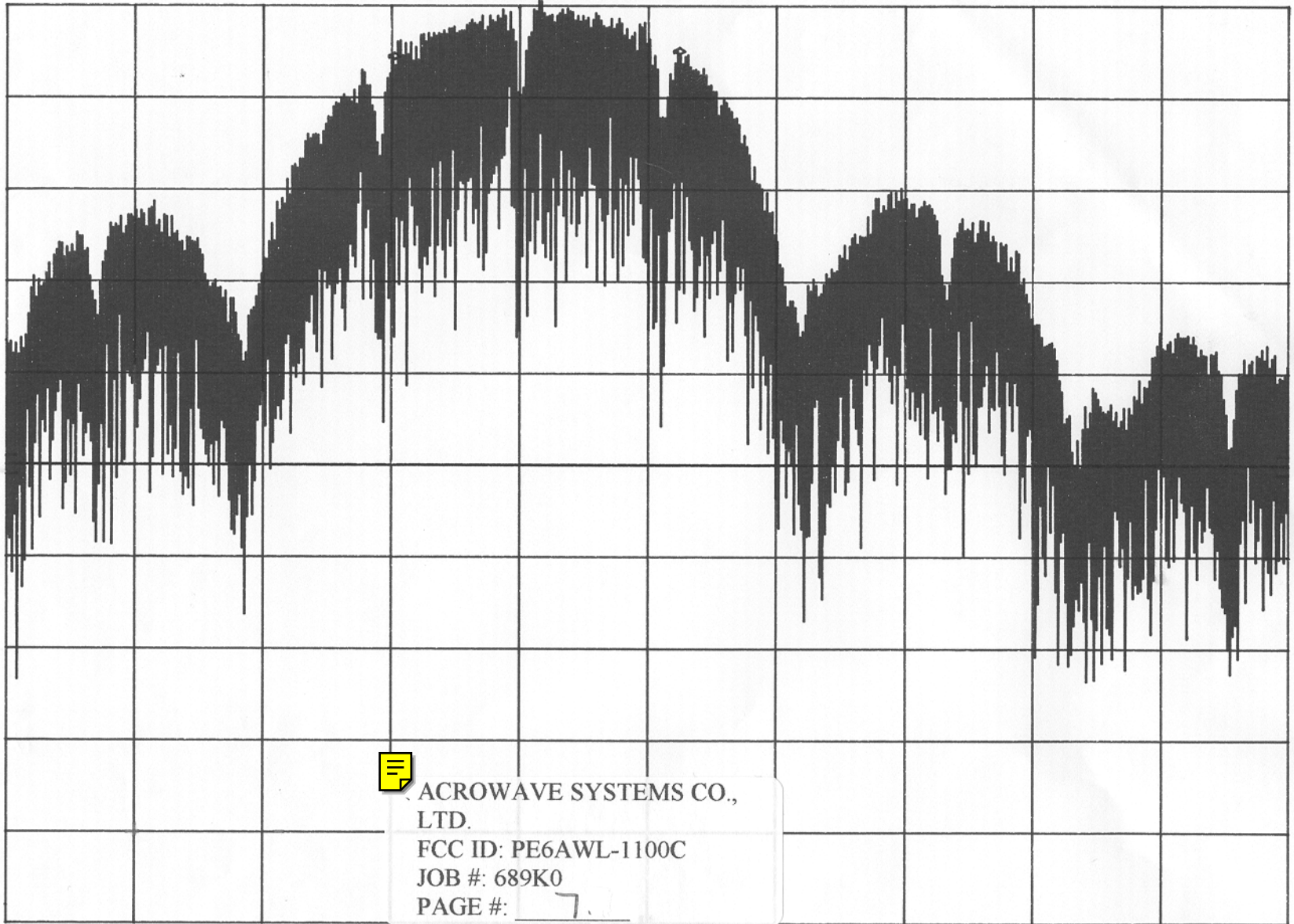


MKR Δ -11.10 MHz
-0.60 dB

hp REF 97.0 dB μ V ATTEN 0 dB + 20 dB

10 dB/

DL
47.0
dB μ V



ACROWAVE SYSTEMS CO.,
LTD.
FCC ID: PE6AWL-1100C
JOB #: 689K0
PAGE #: 7.

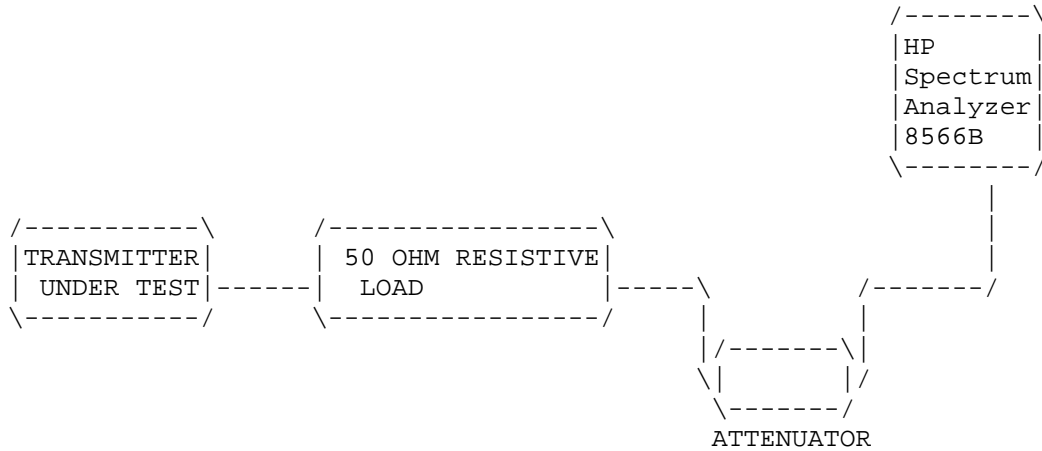
CENTER 2.442 0 GHz

RES BW 300 kHz (i) VBW 1 MHz

SPAN 50.0 MHz
SWP 20.0 msec



15.247(c) Method of Measuring RF Conducted Spurious Emissions



NAME OF TEST: SPURIOUS EMISSIONS AT ANTENNA TERMINALS

REQUIREMENTS: Emissions must be at least 20dB down from the highest emission level within the authorized band as measured with a 1 MHz RBW.

EMISSION FREQUENCY MHz	dB BELOW CARRIER
2413.0	00.0
4824.0	55.2
7235.0	72.0
9648.0	66.0
2442.0	00.0
4884.0	57.9
7328.0	69.4
9772.0	68.4
2467.0	00.0
4934.0	47.5
7402.0	65.7
9868.0	66.4
14802.0	70.3

NOTE: THE SPECTRUM WAS SCANNED TO THE TENTH HARMONIC.

APPLICANT: WIDELINK CO., LTD.
 FCCID: PISWWL-1100N
 REPORT #: T:\CUS\W\WIDECO\230K1\230K1RPT.DOC
 PAGE #: 8

15.247(c),15.205 &15.209(b) Field_strength_of_spurious_emissions:

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M 88 -216 MHz 43.5 216 -960 MHz 46 ABOVE 960 MHz
-----------------------------------	--------------------------------	--

2.4-2.4835GHz
127.38dBuV/m @3m
127.38 dBuV/m @3m

REQUIREMENTS:

Emissions that fall in the restricted bands (15.205) must be less than 54dBuV/m otherwise the spurious and harmonics must be attenuated by at least 20dB.

TEST DATA:

EMISSION FREQUENCY MHz	METER READING @ 3m dBuV	COAX LOSS dB	ACF dB	FIELD STRENGTH dBuV/m	FCC. LIMIT dB	MARGIN dB	ANT.
2412.00	67.50	1.09	29.03	97.62	127.38	29.76	V
4824.00R	4.30	1.45	33.93	39.68	54.00	14.32	V
7236.00R	0.50	1.82	36.64	38.96	54.00	15.04	V
9648.00	1.90	2.11	38.59	42.61	54.00	11.39	V
2442.00	66.50	1.10	29.10	96.70	127.38	30.68	V
4884.00R	5.80	1.46	33.99	41.26	54.00	12.74	V
9768.00	8.50	2.12	38.67	49.30	54.00	4.70	V
2467.00	67.00	1.10	29.17	97.27	127.38	30.11	V
4934.00R	4.00	1.47	34.05	39.52	54.00	14.48	V
9868.00	1.30	2.13	38.74	42.17	54.00	11.83	V

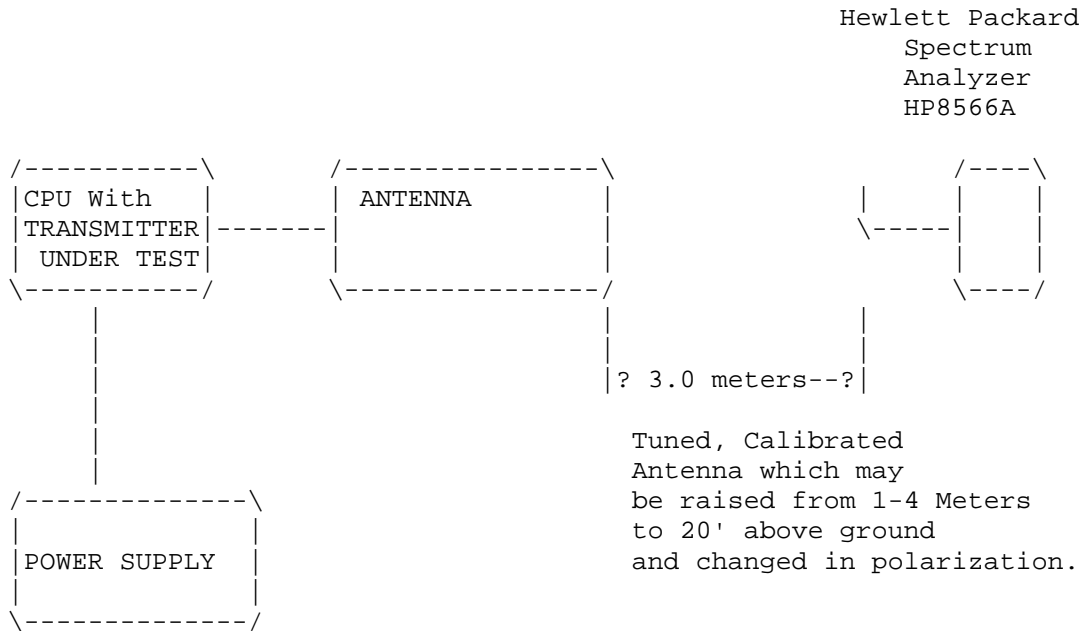
METHOD OF MEASUREMENT: The procedure used was ANSI STANDARD C63.4-1992 & the Guidance on Measurements for Direct Sequence Spread Spectrum Systems. Measurements were made at the open field test site of TIMCO ENGINEERING INC. located at 849 N.W. State Road, Newberry, FL 32669.

APPLICANT: WIDELINK CO., LTD.
FCCID: PISWWL-1100N
REPORT #: T:\CUS\W\WIDECO\230K1\230K1RPT.DOC
PAGE #: 9

2.993(a)(b)

2.993(a)(b) Continued Field_strength_of_spurious_emissions:

Method of Measuring Radiated Spurious Emissions



Equipment placed 80 cm above ground on a rotatable platform.

APPLICANT: WIDELINK CO., LTD.
FCCID: PISWWL-1100N
REPORT #: T:\CUS\W\WIDECO\230K1\230K1RPT.DOC
PAGE #: 10