

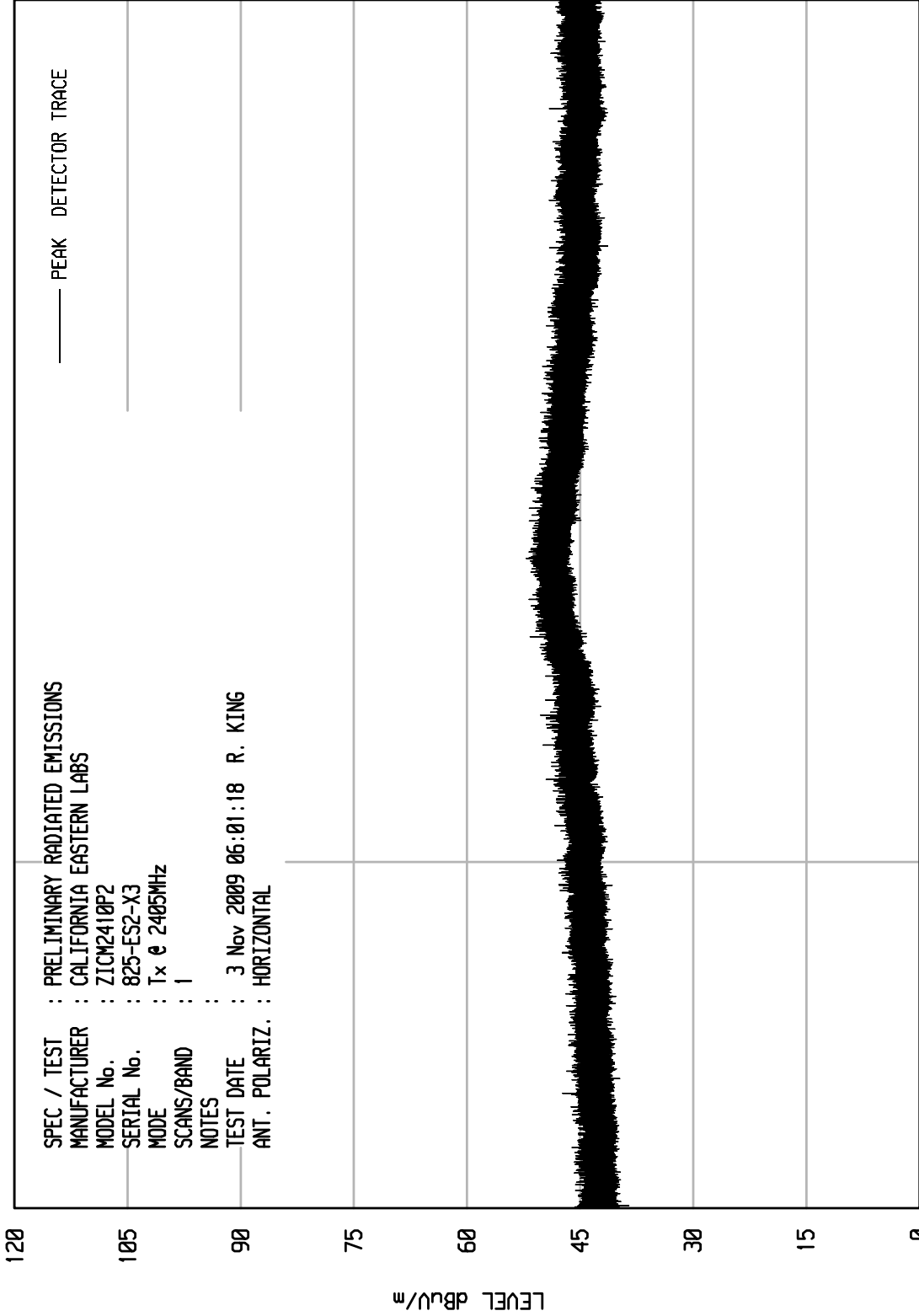


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 8

UKA1 01/30/09



START = 18000

FREQUENCY MHz

STOP = 26000

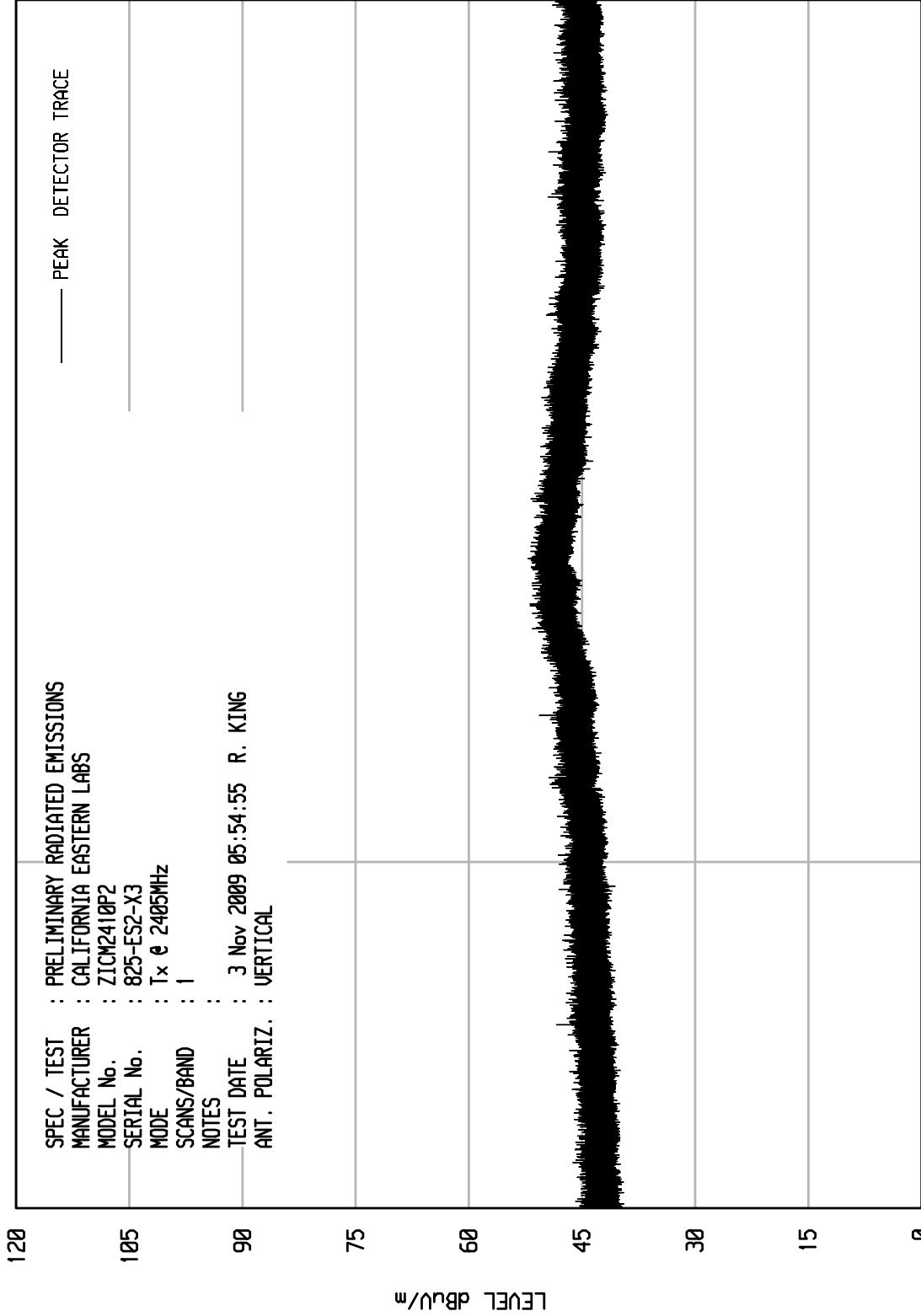


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 7

UKA1 01/30/09



START = 18000

FREQUENCY MHz

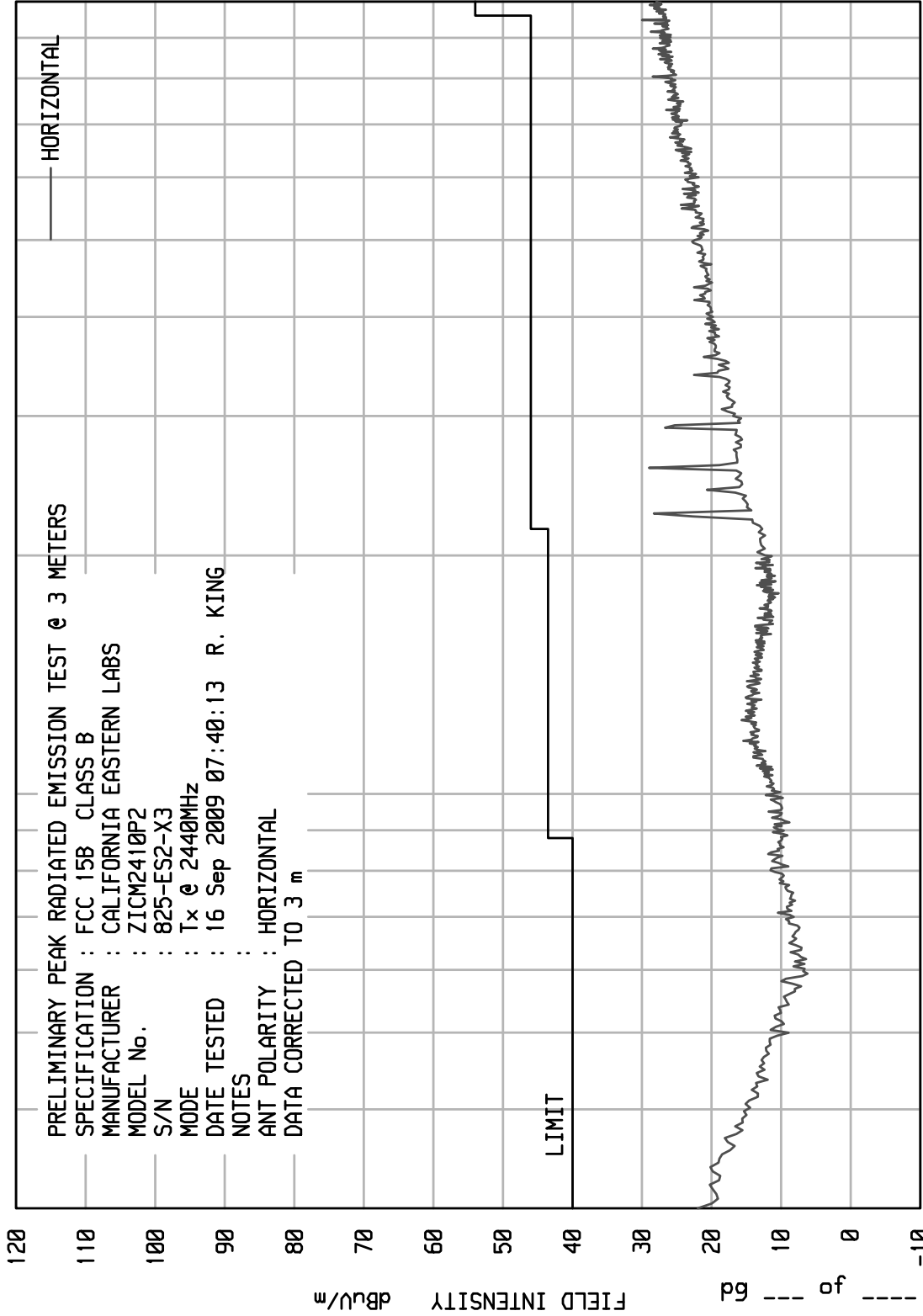
STOP = 26000

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515

8546A RE RUN 2

u080 11/26/07

PRELIMINARY PEAK RADIATED EMISSION TEST @ 3 METERS
 SPECIFICATION : FCC 15B CLASS B
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 S/N : 825-ES2-X3
 MODE : Tx @ 2440MHz
 DATE TESTED : 16 Sep 2009 07:40:13 R. KING
 NOTES :
 ANT POLARITY : HORIZONTAL
 DATA CORRECTED TO 3 m



START = 30

100

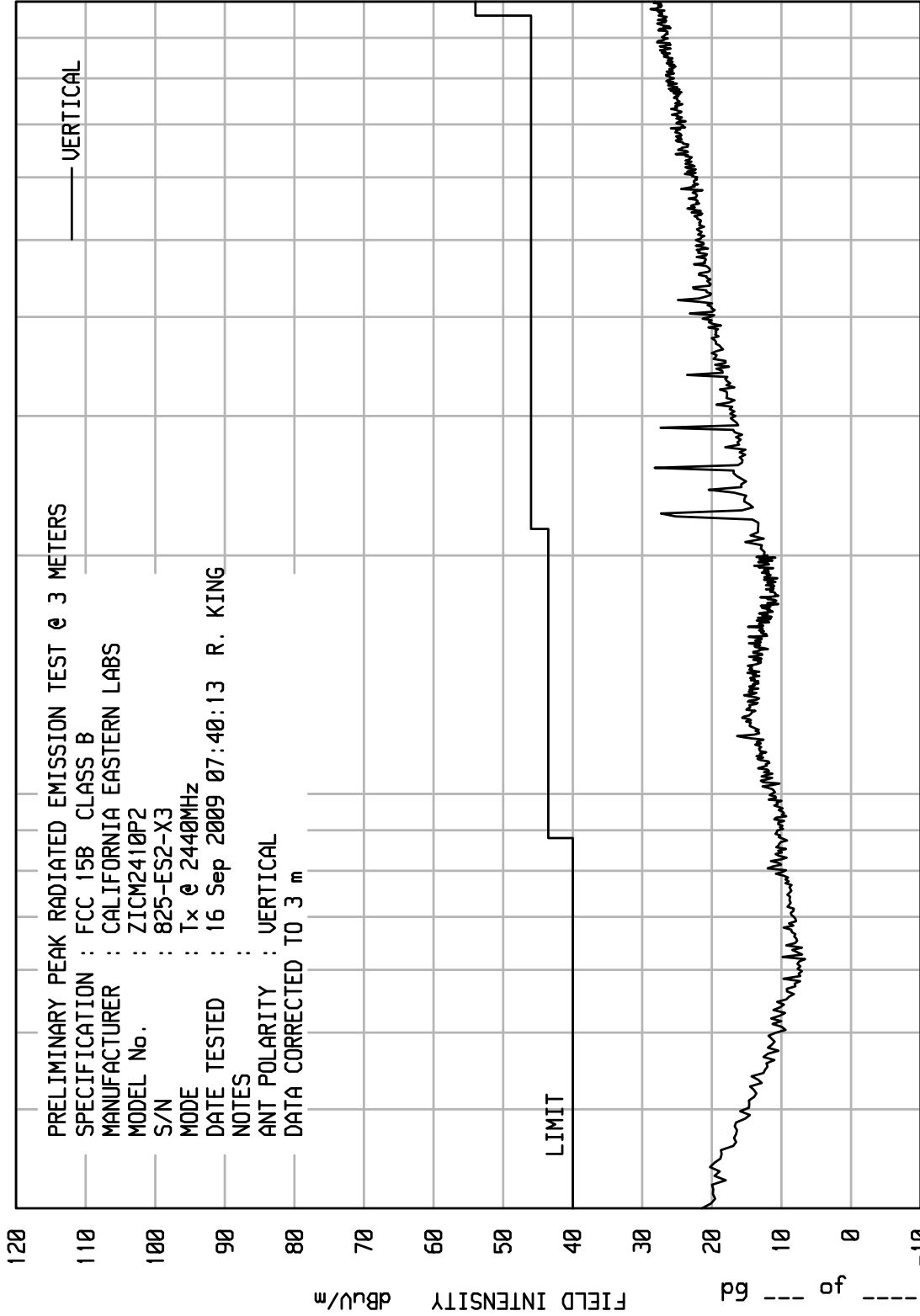
FREQUENCY - MHz

STOP = 1000

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515

8546A RE RUN 2

u080 11/26/07



STOP = 1000

FREQUENCY - MHz

100

START = 30

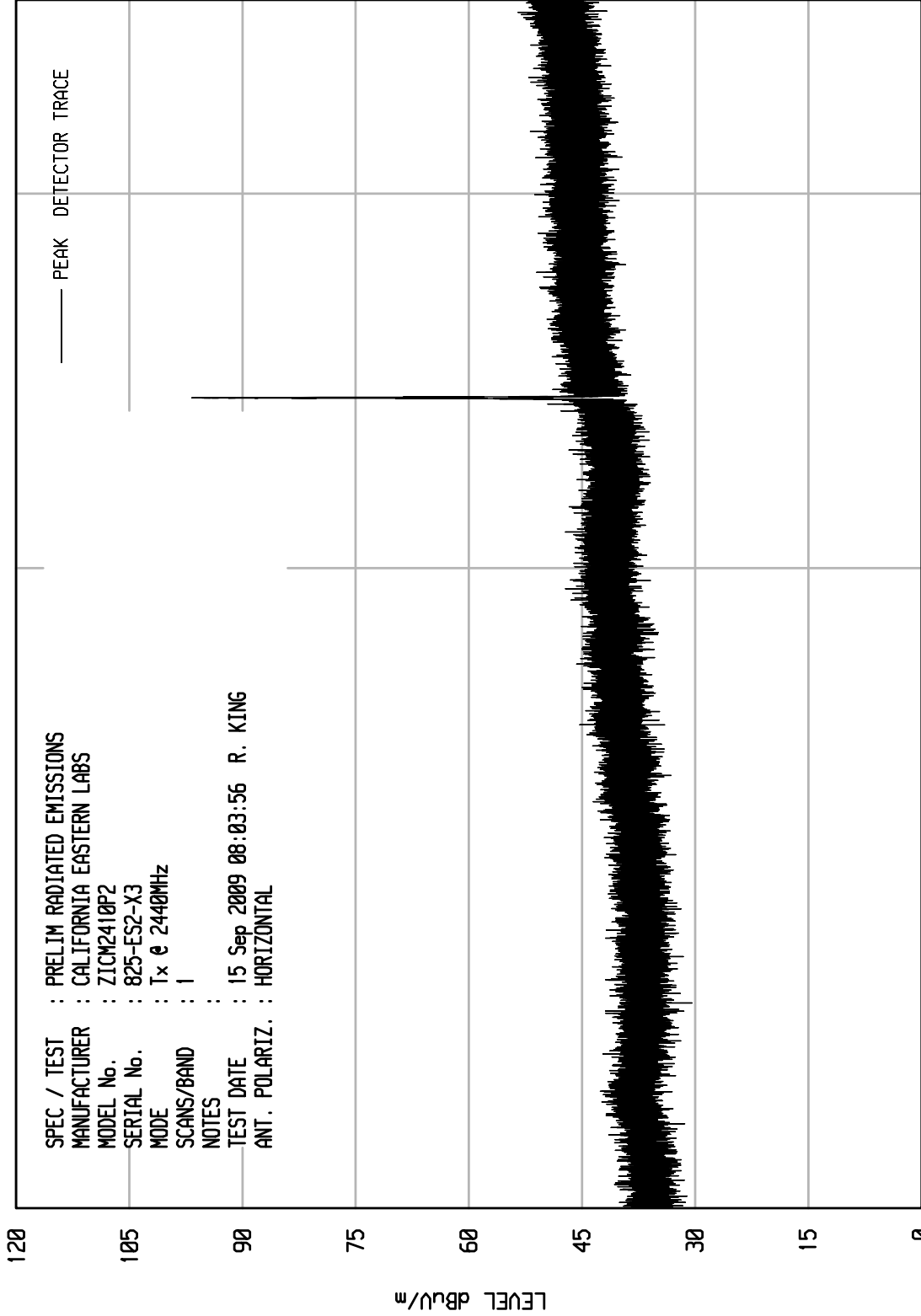


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 14

UKA1 01/30/09

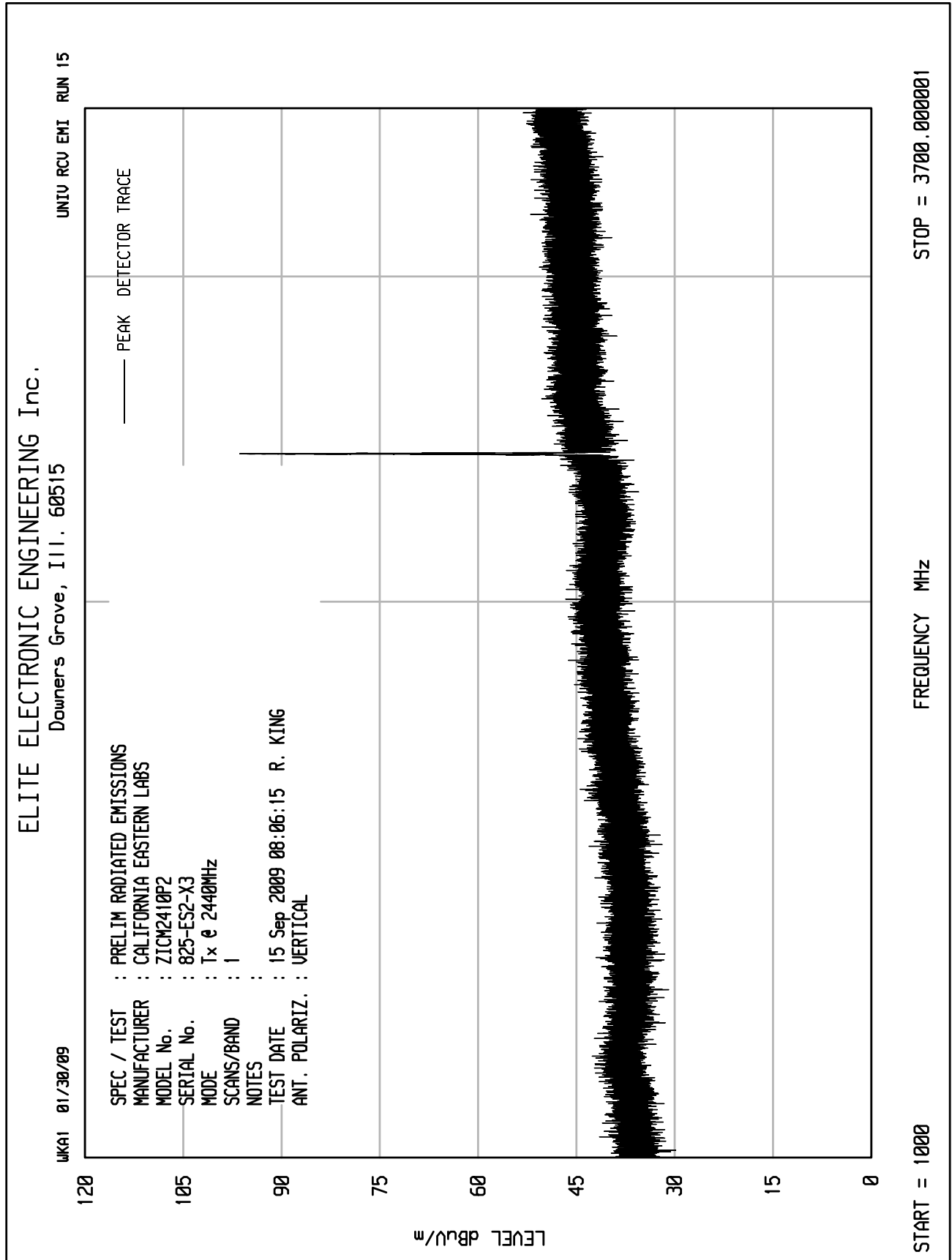


SPEC / TEST : PRELIM RADIATED EMISSIONS
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 SERIAL No. : 825-ES2-X3
 MODE : Tx @ 2440MHz
 SCANS/BAND : 1
 NOTES :
 TEST DATE : 15 Sep 2009 08:03:56 R. KING
 ANT. POLARIZ. : HORIZONTAL

STOP = 3700.000001

FREQUENCY MHz

START = 1000



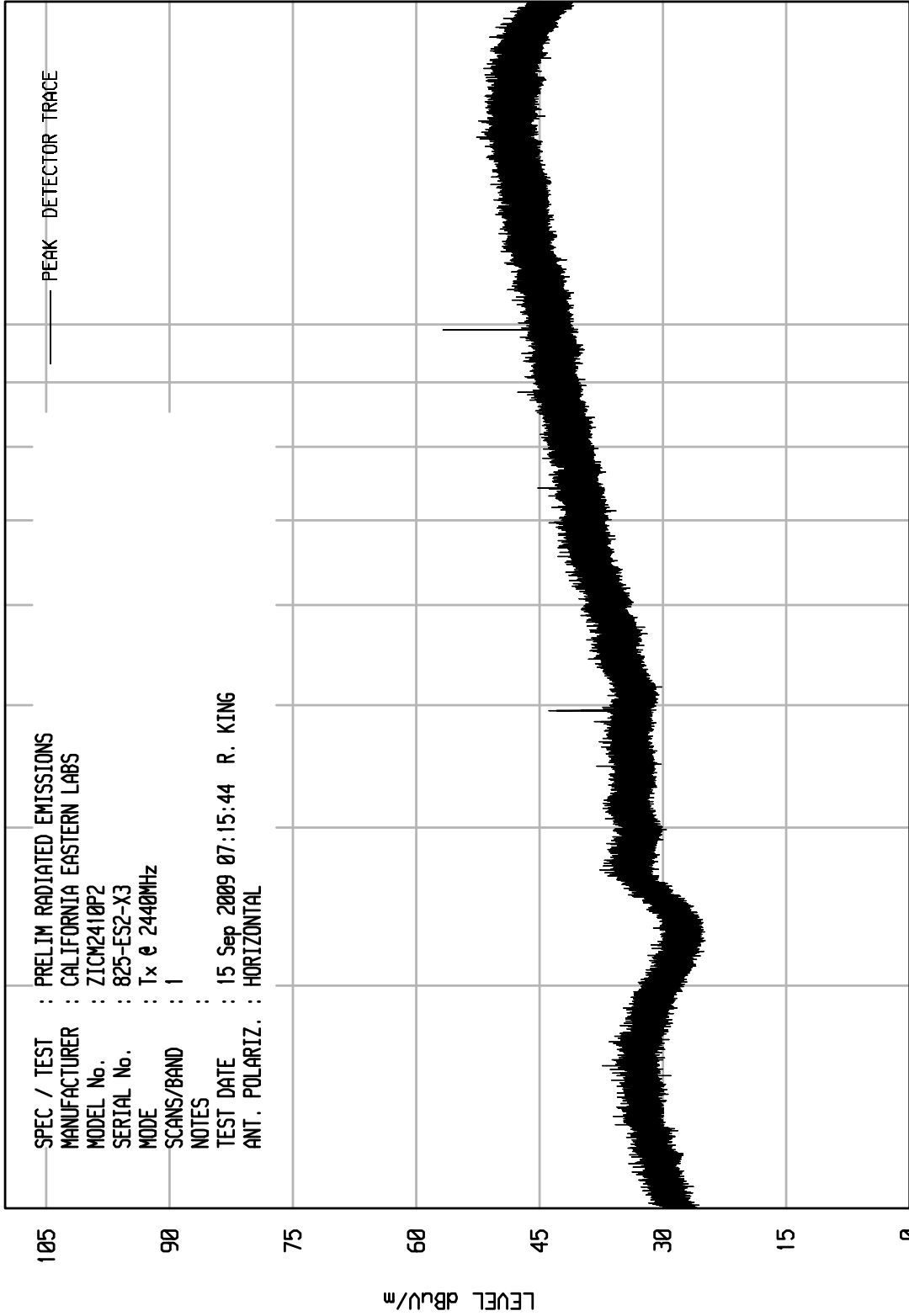
ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIU RCU EMI RUN 7

UKA1 01/30/09

SPEC / TEST : PRELIM RADIATED EMISSIONS
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 SERIAL No. : 825-ES2-X3
 MODE : Tx @ 2440MHz
 SCANS/BAND : 1
 NOTES :
 TEST DATE : 15 Sep 2009 07:15:44 R. KING
 ANT. POLARIZ. : HORIZONTAL



START = 2000

10000

FREQUENCY MHz

STOP = 18000



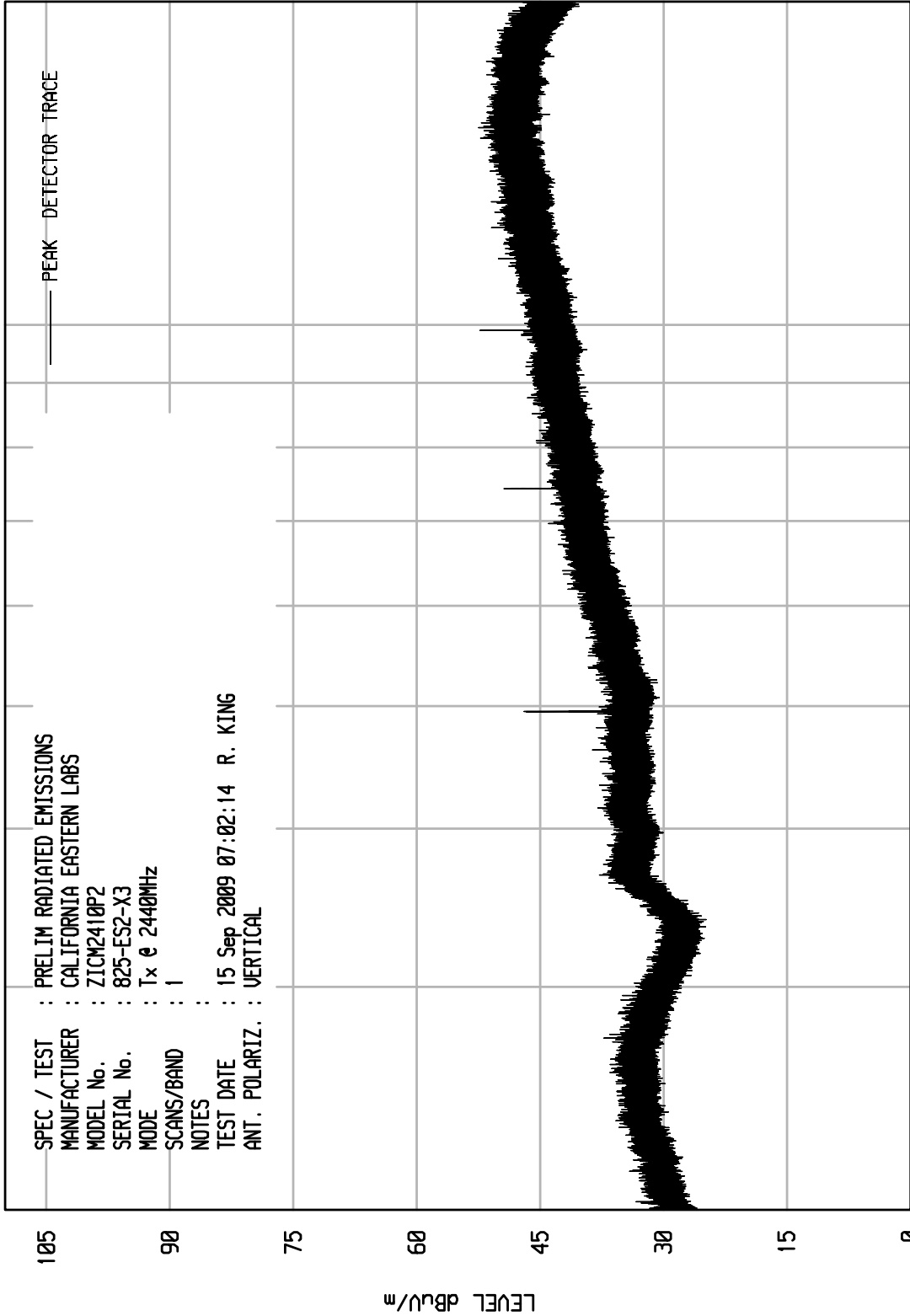
ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UKA1 01/30/09

UNIV RCU EMI RUN 6

SPEC / TEST : PRELIM RADIATED EMISSIONS
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 SERIAL No. : 825-ES2-X3
 MODE : Tx @ 2440MHz
 SCANS/BAND : 1
 NOTES :
 TEST DATE : 15 Sep 2009 07:02:14 R. KING
 ANT. POLARIZ. : VERTICAL



START = 2000

10000

FREQUENCY MHz

STOP = 18000

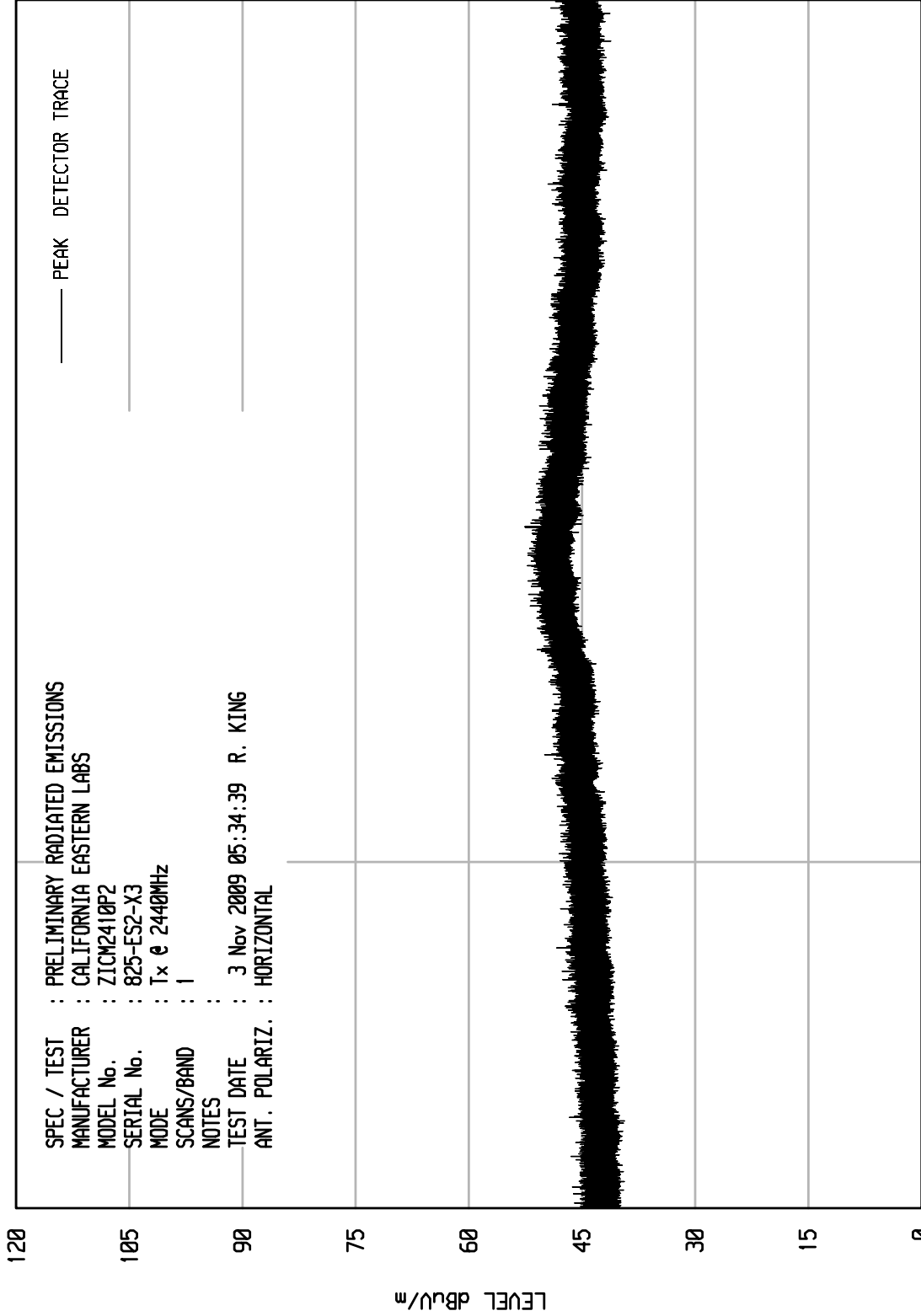


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 4

UKA1 01/30/09



START = 18000

FREQUENCY MHz

STOP = 26000

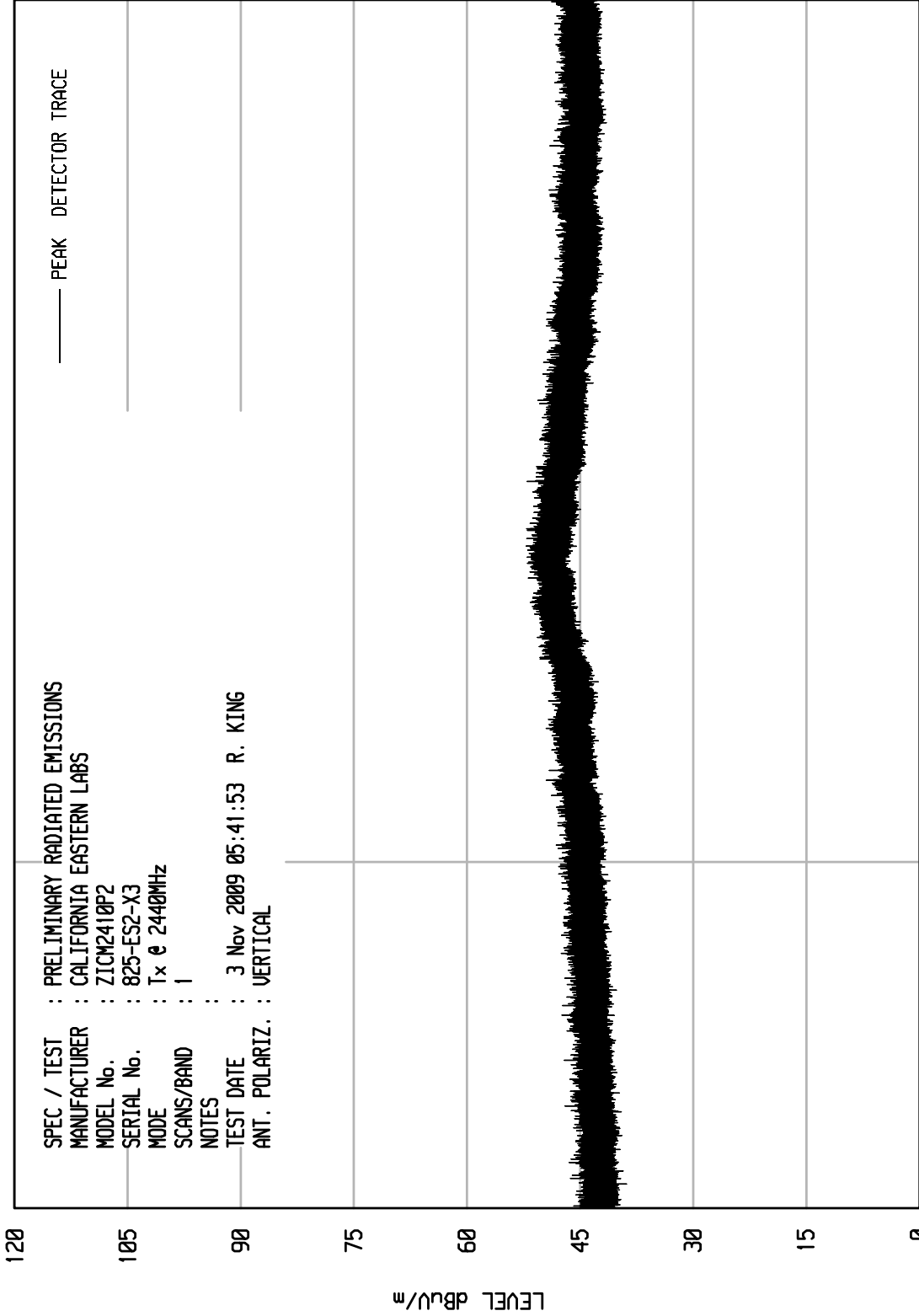


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

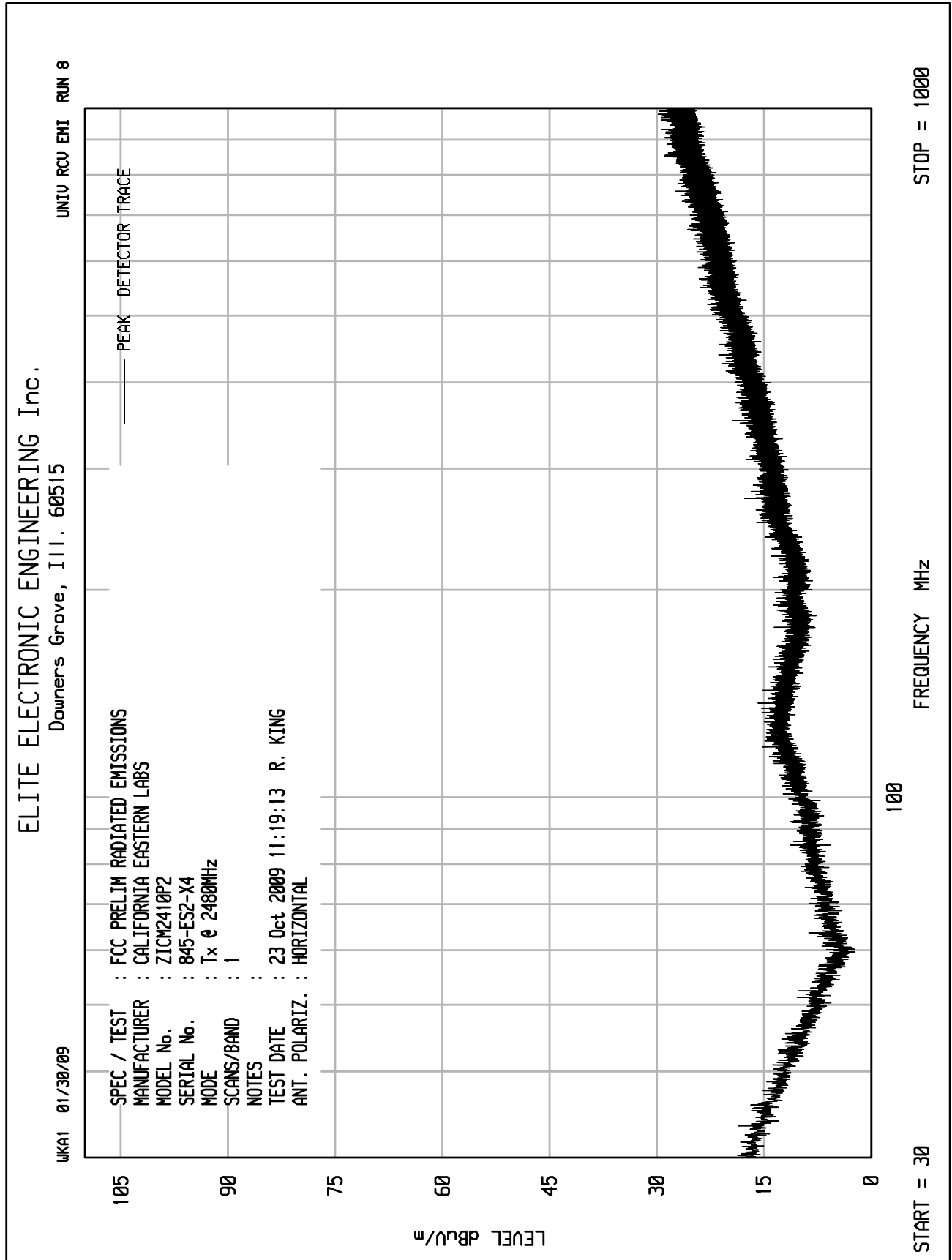
UNIU RCU EMI RUN 5

UKA1 01/30/09



START = 18000

STOP = 26000

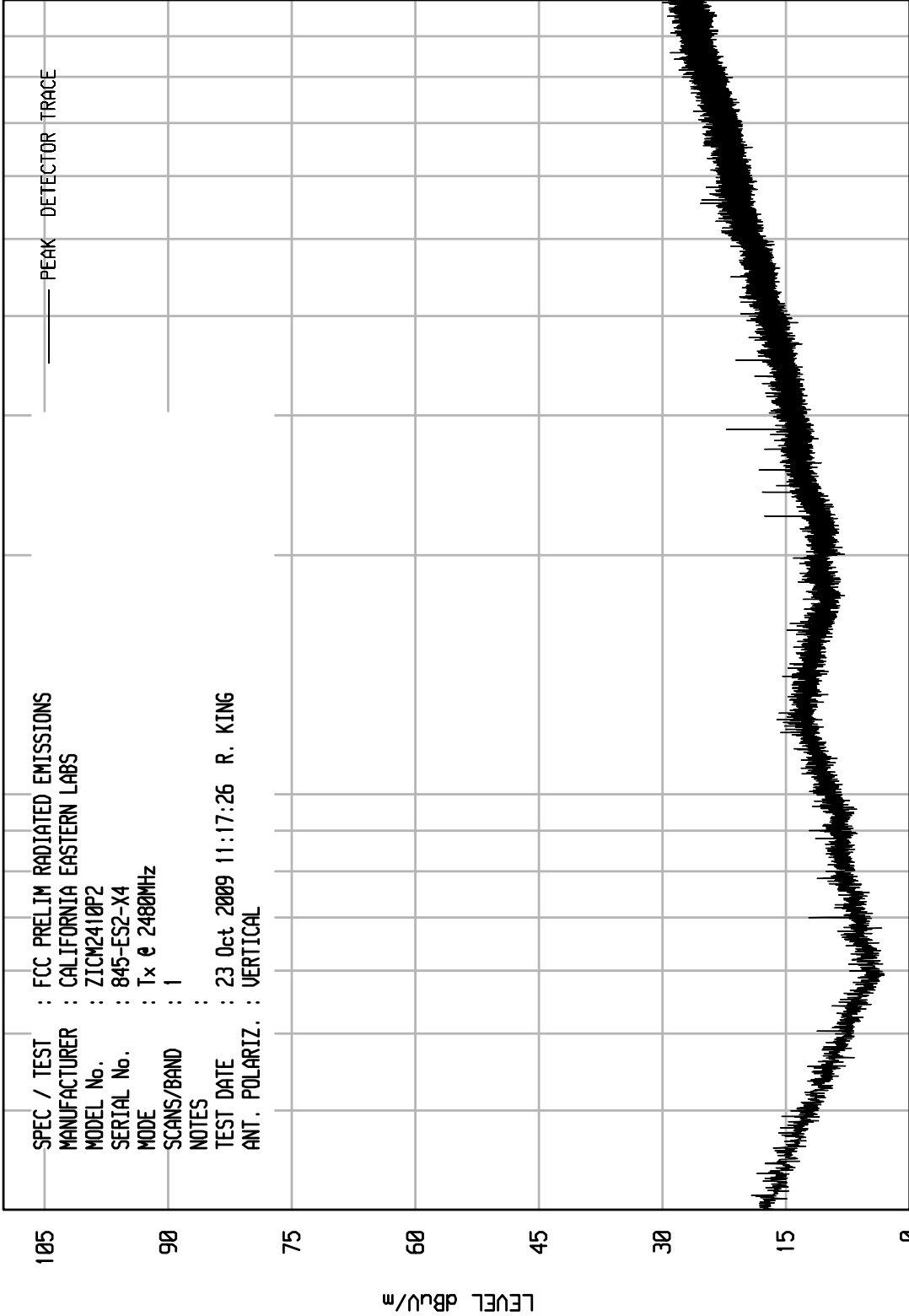


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515

UNIU RCU EMI RUN 7

UKA1 01/30/09

SPEC / TEST : FCC PRELIM RADIATED EMISSIONS
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 SERIAL No. : 845-ES2-X4
 MODE : Tx @ 2480MHz
 SCANS/BAND : 1
 NOTES :
 TEST DATE : 23 Oct 2009 11:17:26 R. KING
 ANT. POLARIZ. : VERTICAL



START = 30

100

FREQUENCY MHz

STOP = 1000

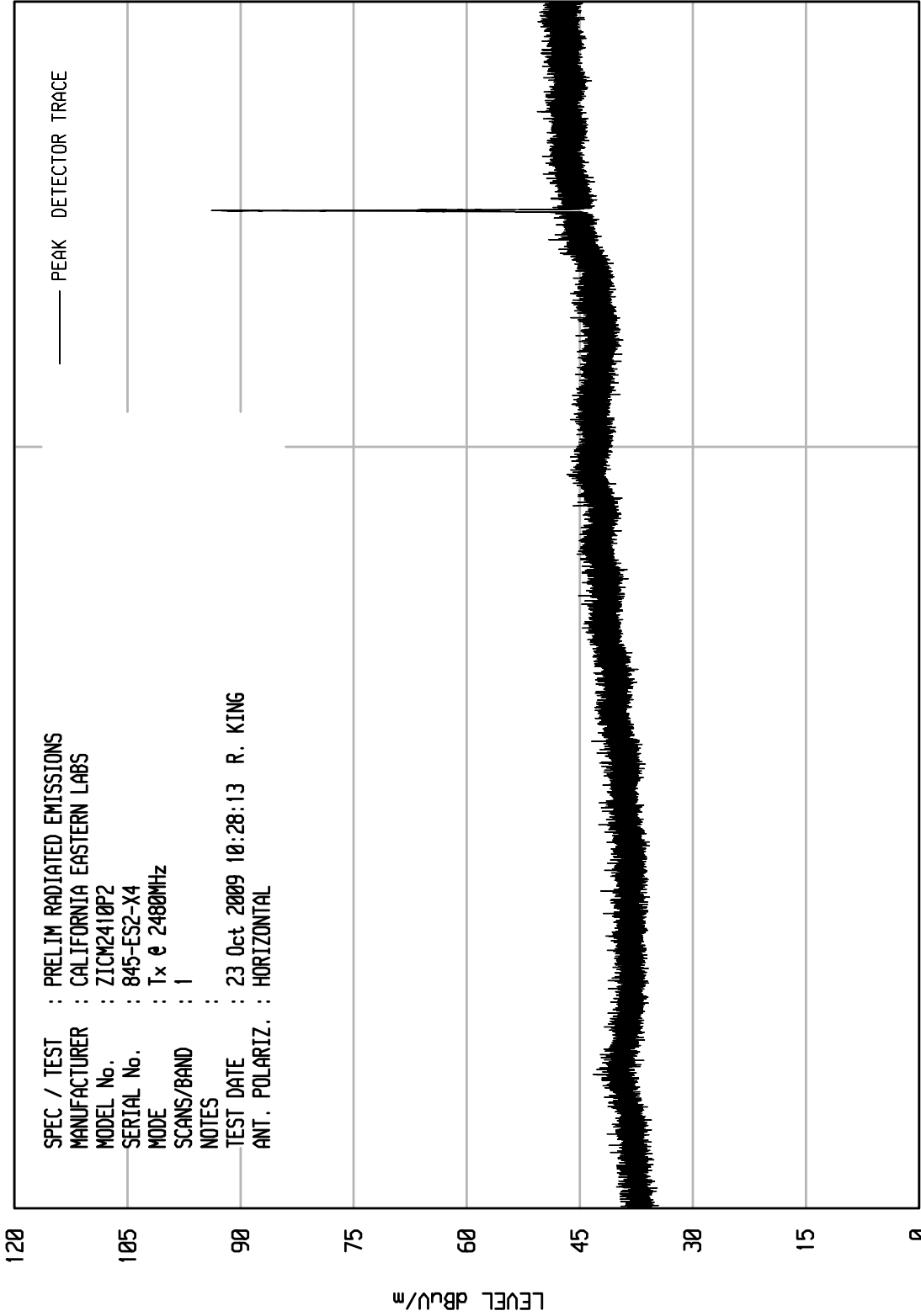


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 3

UKA1 01/30/09



SPEC / TEST : PRELIM RADIATED EMISSIONS
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 SERIAL No. : 845-ES2-X4
 MODE : Tx @ 2480MHz
 SCANS/BAND : 1
 NOTES :
 TEST DATE : 23 Oct 2009 10:28:13 R. KING
 ANT. POLARIZ. : HORIZONTAL

STOP = 3000

FREQUENCY MHz

START = 1000

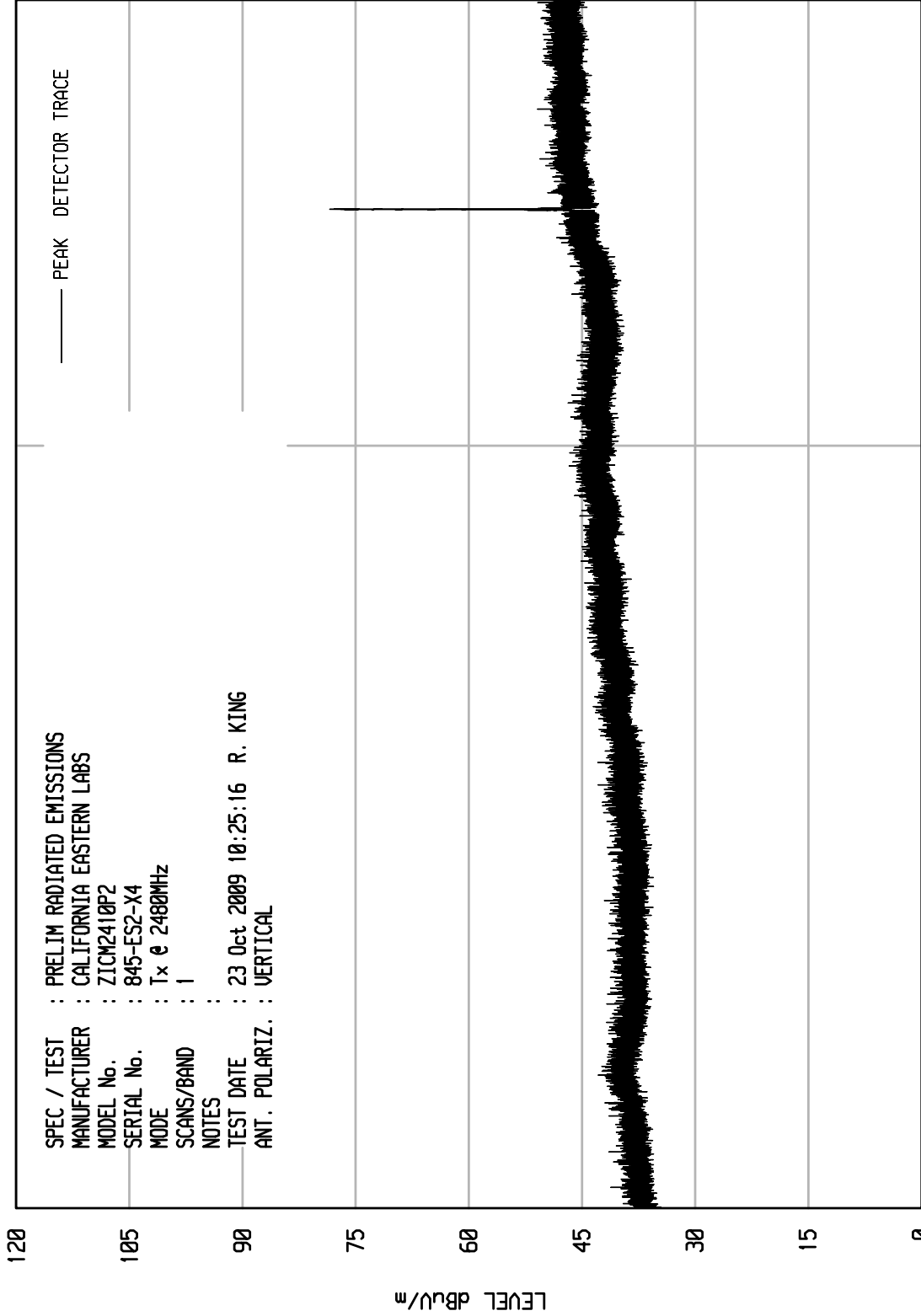


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 2

UKA1 01/30/09



SPEC / TEST : PRELIM RADIATED EMISSIONS
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 SERIAL No. : 845-ES2-X4
 MODE : Tx @ 2480MHz
 SCANS/BAND : 1
 NOTES :
 TEST DATE : 23 Oct 2009 10:25:16 R. KING
 ANT. POLARIZ. : VERTICAL

STOP = 3000

FREQUENCY MHz

START = 1000



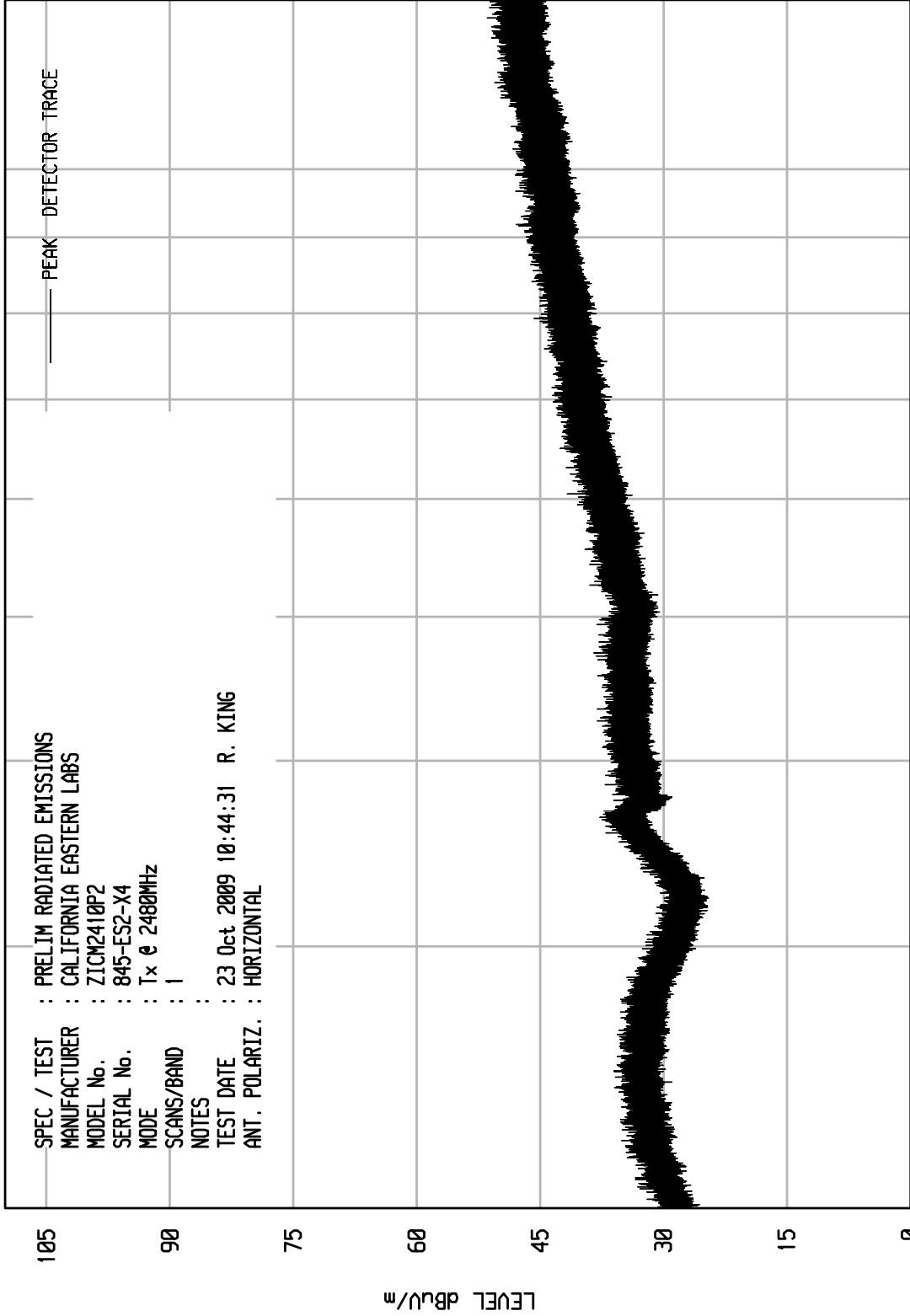
ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UKA1 01/30/09

UNIV RCU EMI RUN 5

SPEC / TEST : PRELIM RADIATED EMISSIONS
 MANUFACTURER : CALIFORNIA EASTERN LABS
 MODEL No. : ZICM2410P2
 SERIAL No. : 845-ES2-X4
 MODE : Tx @ 2480MHz
 SCANS/BAND : 1
 NOTES :
 TEST DATE : 23 Oct 2009 10:44:31 R. KING
 ANT. POLARIZ. : HORIZONTAL

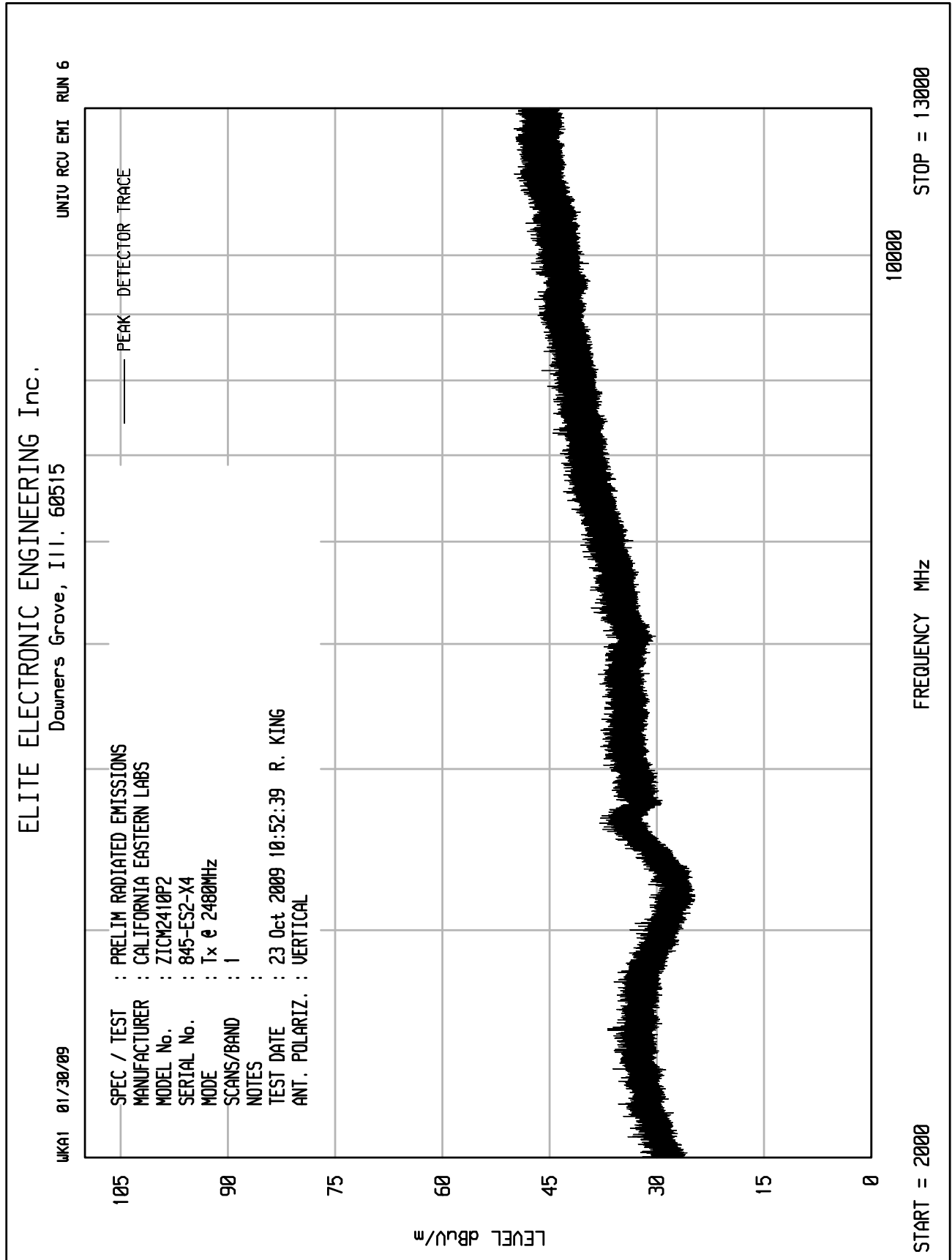


START = 2000

10000

FREQUENCY MHz

STOP = 13000



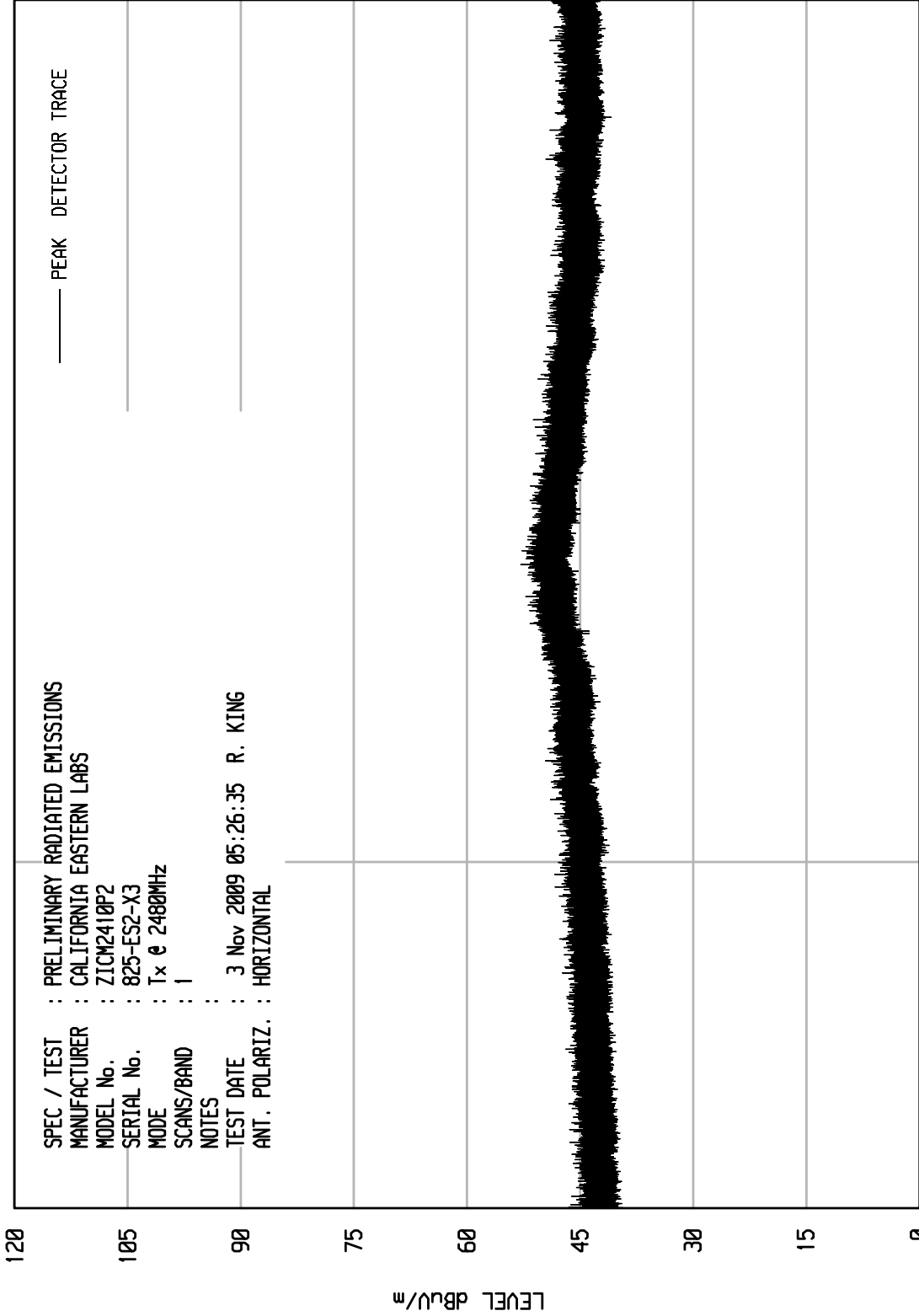


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 3

UKA1 01/30/09



START = 18000

FREQUENCY MHz

STOP = 26000

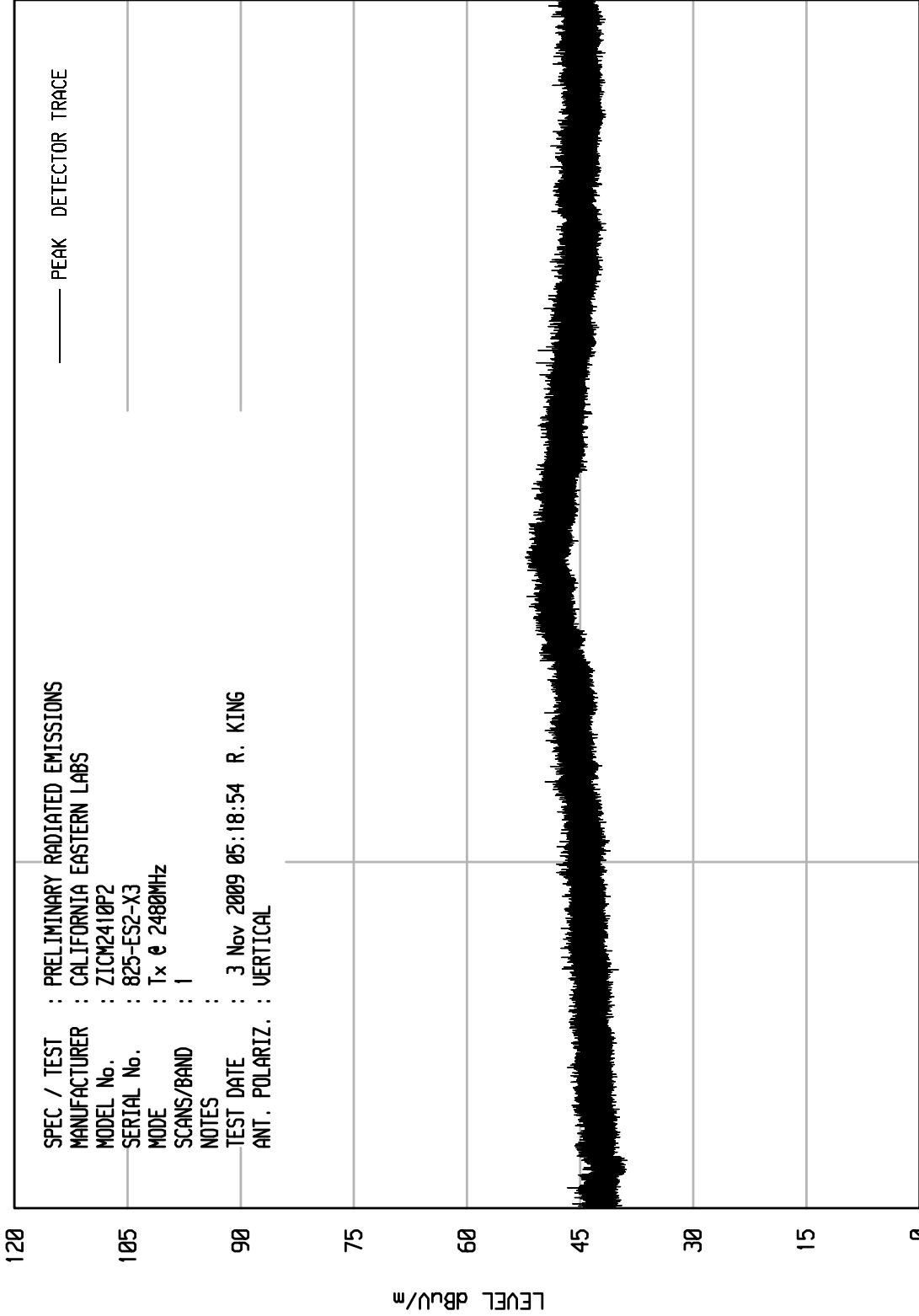


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIV RCU EMI RUN 2

UKA1 01/30/09



START = 18000

FREQUENCY MHz

STOP = 26000



Manufacturer : California Eastern Labs
 Test Item : Zigbee Transceiver
 Model No. : ZICM2410P2
 Test Specification : FCC Part 15, Subpart C, Section 15.247, Radiated Emissions
 Date : September 14 through 25, 2009
 Mode : Transmit @ 2405MHz
 Test Distance : 3 meters
 Notes : none

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
2405.0	H	86.5	3.8	30.3	0.0	120.6	1071519.3		
2405.0	V	78.4	3.8	30.3	0.0	112.5	1071519.3		
4810.0	H	54.3	5.7	34.5	-40.1	54.4	527	5000	-19.5
4810.0	V	55.3	5.7	34.5	-40.1	55.4	587	5000	-18.6
7215.0	H	47.5	7.6	38.0	-39.8	53.4	468	107152	-47.2
7215.0	V	45.6	7.6	38.0	-39.8	51.4	374	107152	-49.2
9620.0	H	45.5	8.6	39.8	-38.8	55.1	566	107152	-45.5
9620.0	V	52.2	8.6	39.8	-38.8	61.8	1229	107152	-38.8
12025.0	H	44.7	9.8	41.4	-39.6	56.3	650	5000	-17.7
12025.0	V	44.4	9.8	41.4	-39.6	56.0	631	5000	-18.0
14430.0	H	41.7	1.4	43.7	-39.9	47.0	223	107152	-53.6
14430.0	V	41.5	1.4	43.7	-39.9	46.7	217	107152	-53.9
16835.0	H	40.5	1.8	44.6	-38.7	48.2	258	107152	-52.4
16835.0	V	40.9	1.8	44.6	-38.7	48.6	270	107152	-52.0
19240.0	H	34.6	2.2	40.4	-27.5	49.7	305	5000	-24.3
19240.0	V	34.6	2.2	40.4	-27.5	49.7	305	5000	-24.3
21645.0	H	34.7	2.2	40.6	-26.2	51.2	365	107152	-49.4
21645.0	V	34.6	2.2	40.6	-26.2	51.1	361	107152	-49.5
24050.0	H	34.8	2.2	40.6	-27.4	50.3	326	107152	-50.3
24050.0	V	34.8	2.2	40.6	-27.4	50.3	327	107152	-50.3

Checked BY Richard E. King :

Richard E. King



Manufacturer : California Eastern Labs
 Test Item : Zigbee Transceiver
 Model No. : ZICM2410P2
 Test Specification : FCC Part 15, Subpart C, Section 15.247, Radiated Emissions
 Date : September 14 through 25, 2009
 Mode : Transmit @ 2405MHz
 Test Distance : 3 meters
 Notes : none

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain + Duty Cycle Factor

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4810.0	H	54.3	5.7	34.5	-40.1	-11.1	43.4	147.6	500	-10.6
4810.0	V	55.3	5.7	34.5	-40.1	-11.1	44.3	164.4	500	-9.7
12025.0	H	44.7	9.8	41.4	-39.6	-11.1	45.2	182.0	500	-8.8
12025.0	V	44.4	9.8	41.4	-39.6	-11.1	44.9	176.6	500	-9.0
19240.0	H	34.6	2.2	40.4	-27.5	-11.1	38.6	85.3	500	-15.4
19240.0	V	34.6	2.2	40.4	-27.5	-11.1	38.6	85.4	500	-15.3

Checked BY RICHARD E. KING :

Richard E. King



Manufacturer : California Eastern Labs
 Test Item : Zigbee Transceiver
 Model No. : ZICM2410P2
 Test Specification : FCC Part 15, Subpart C, Section 15.247, Radiated Emissions
 Date : September 14 through 25, 2009
 Mode : Transmit @ 2440MHz
 Test Distance : 3 meters
 Notes : none

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
2440.0	H	80.6	3.8	31.3	0.0	115.7	609536.9		
2440.0	V	77.7	3.8	30.4	0.0	111.9	609536.9		
4880.0	H	56.8	5.7	34.5	-40.1	56.9	698.6	5000	-17.1
4880.0	V	55.6	5.7	34.5	-40.1	55.7	609.2	5000	-18.3
7320.0	H	57.0	7.7	38.1	-39.8	63.0	1410.2	5000	-11.0
7320.0	V	56.0	7.7	38.1	-39.8	62.0	1255.4	5000	-12.0
9760.0	H	43.6	8.6	39.9	-38.7	53.3	465.0	60954	-42.4
9760.0	V	49.6	8.6	39.9	-38.7	59.3	927.8	60954	-36.4
12200.0	H	43.9	9.9	41.4	-39.4	55.7	610.1	5000	-18.3
12200.0	V	46.3	9.9	41.4	-39.4	58.1	800.5	5000	-15.9
14640.0	H	42.6	1.5	44.1	-40.1	48.0	252.5	60954	-47.7
14640.0	V	42.6	1.5	44.1	-40.1	48.1	252.8	60954	-47.6
17080.0	H	41.9	1.9	44.5	-38.7	49.5	300.2	60954	-46.2
17080.0	V	41.9	1.9	44.5	-38.7	49.5	300.2	60954	-46.2
19520.0	H	35.5	2.2	40.4	-27.2	50.9	350.7	5000	-23.1
19520.0	V	35.5	2.2	40.4	-27.2	50.9	350.7	5000	-23.1
21960.0	H	33.1	2.2	40.6	-26.9	49.0	280.7	60954	-46.7
21960.0	V	35.4	2.2	40.6	-26.9	51.2	363.7	60954	-44.5
24400.0	H	35.2	2.2	40.6	-27.5	50.6	339.1	60954	-45.1
24400.0	V	35.2	2.2	40.6	-27.5	50.6	339.1	60954	-45.1

Checked BY Richard E. King :

Richard E. King



Manufacturer : California Eastern Labs
 Test Item : Zigbee Transceiver
 Model No. : ZICM2410P2
 Test Specification : FCC Part 15, Subpart C, Section 15.247, Radiated Emissions
 Date : September 14 through 25, 2009
 Mode : Transmit @ 2440MHz
 Test Distance : 3 meters
 Notes : none

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain + Duty Cycle Factor

Freq (MHz)	Ant Pol	Meter Reading (dBUV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4880.0	H	56.8	5.7	34.5	-40.1	-11.1	45.8	195.6	500	-8.2
4880.0	V	55.6	5.7	34.5	-40.1	-11.1	44.6	170.5	500	-9.3
7320.0	H	57.0	7.7	38.1	-39.8	-11.1	51.9	394.7	500	-2.1
7320.0	V	56.0	7.7	38.1	-39.8	-11.1	50.9	351.4	500	-3.1
12200.0	H	43.9	9.9	41.4	-39.4	-11.1	44.6	170.8	500	-9.3
12200.0	V	46.3	9.9	41.4	-39.4	-11.1	47.0	224.1	500	-7.0
19520.0	H	35.5	2.2	40.4	-27.2	-11.1	39.8	98.2	500	-14.1
19520.0	V	35.5	2.2	40.4	-27.2	-11.1	39.8	98.2	500	-14.1

Checked BY Richard E. King :

Richard E. King



Manufacturer : California Eastern Labs
 Test Item : Zigbee Transceiver
 Model No. : ZICM2410P2
 Test Specification : FCC Part 15, Subpart C, Section 15.247, Radiated Emissions
 Date : October 21 through 23, 2009
 Mode : Transmit @ 2480MHz
 Test Distance : 3 meters
 Notes : none

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
2480.0	H	69.7	3.8	29.5	0.0	103.1	142889.4		
2480.0	V	65.6	3.8	29.5	0.0	98.9	142889.4		
4960.0	H	41.5	5.8	34.5	-40.2	41.6	120.4	5000.0	-32.4
4960.0	V	40.8	5.8	34.5	-40.2	40.9	111.2	5000.0	-33.1
7440.0	H	41.6	7.7	38.1	-39.7	47.7	241.9	5000.0	-26.3
7440.0	V	43.0	7.7	38.1	-39.7	49.1	285.2	5000.0	-24.9
9920.0	H	38.5	8.5	40.0	-38.6	48.4	264.1	14288.9	-34.7
9920.0	V	41.2	8.5	40.0	-38.6	51.1	360.4	14288.9	-32.0
12400.0	H	43.0	9.9	41.3	-39.3	55.0	563.2	5000.0	-19.0
12400.0	V	43.0	9.9	41.3	-39.3	55.0	561.2	5000.0	-19.0
14880.0	H	42.9	1.5	44.5	-40.3	48.7	270.8	14288.9	-34.4
14880.0	V	43.8	1.5	44.5	-40.3	49.5	299.0	14288.9	-33.6
17360.0	H	42.3	2.0	44.4	-39.0	49.6	302.8	14288.9	-33.5
17360.0	V	41.6	2.0	44.4	-39.0	48.9	279.6	14288.9	-34.2
19840.0	H	34.1	2.2	40.4	-26.9	49.8	309.4	5000.0	-24.2
19840.0	V	34.1	2.2	40.4	-26.9	49.8	309.4	5000.0	-24.2
22320.0	H	35.2	2.2	40.6	-27.1	50.9	352.7	5000.0	-23.0
22320.0	V	35.1	2.2	40.6	-27.1	50.8	347.1	5000.0	-23.2
24800.0	H	34.4	2.2	40.7	-27.2	50.1	319.6	14288.9	-33.0
24800.0	V	35.0	2.2	40.7	-27.2	50.6	338.9	14288.9	-32.5

Checked BY Richard E. King :

Richard E. King



Manufacturer : California Eastern Labs
 Test Item : Zigbee Transceiver
 Model No. : ZICM2410P2
 Test Specification : FCC Part 15, Subpart C, Section 15.247, Radiated Emissions
 Date : October 21 through 23, 2009
 Mode : Transmit @ 2480MHz
 Test Distance : 3 meters
 Notes : none

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain + Duty Cycle Factor

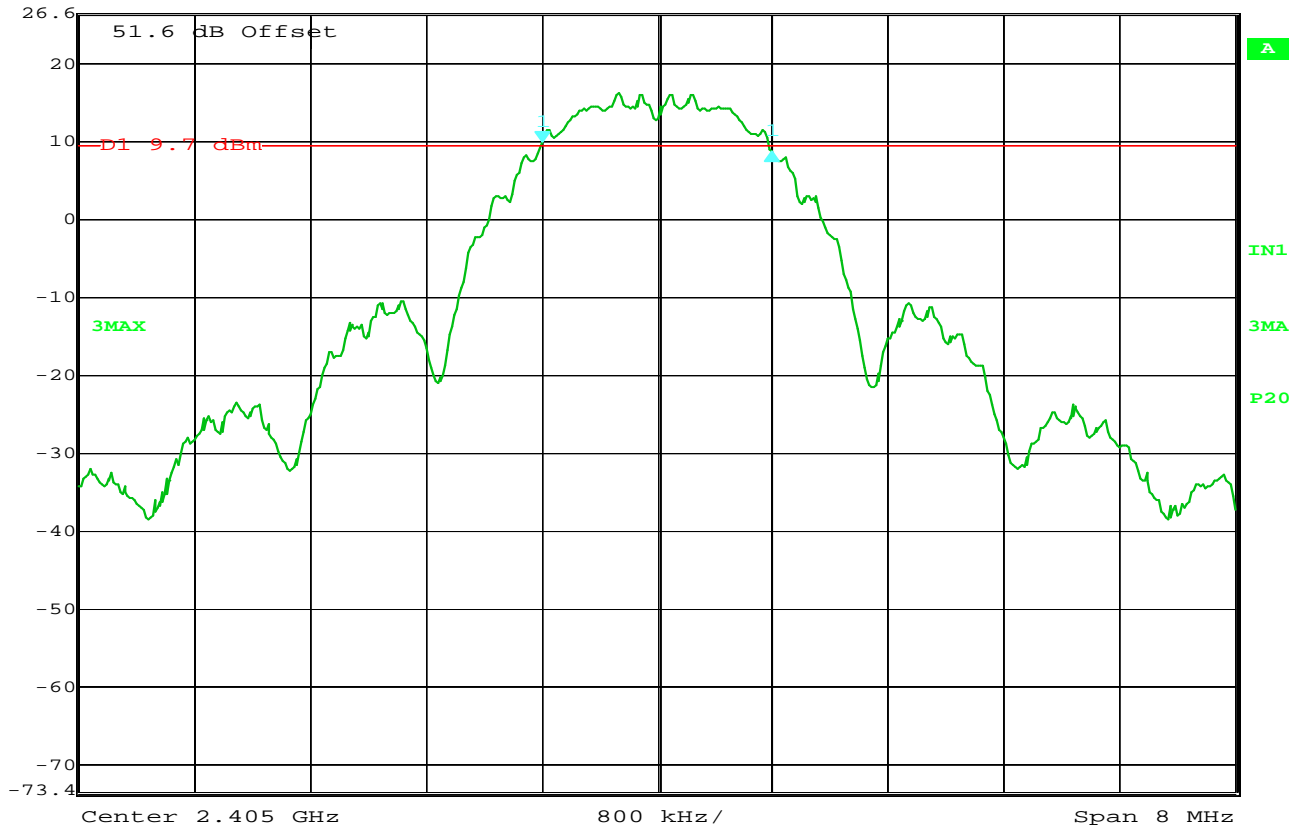
Freq (MHz)	Ant Pol	Meter Reading (dBUV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4950.0	H	41.5	5.8	34.5	-40.2	-11.1	30.5	33.7	500.0	-23.4
4950.0	V	40.8	5.8	34.5	-40.2	-11.1	29.9	31.1	500.0	-24.1
7425.0	H	41.6	7.7	38.1	-39.7	-11.1	36.6	67.6	500.0	-17.4
7425.0	V	43.0	7.7	38.1	-39.7	-11.1	38.0	79.7	500.0	-15.9
12375.0	H	43.0	9.9	41.3	-39.3	-11.1	43.9	157.1	500.0	-10.1
12375.0	V	43.0	9.9	41.3	-39.3	-11.1	43.9	156.6	500.0	-10.1
19800.0	H	34.1	2.2	40.4	-26.9	-11.1	38.7	86.2	500.0	-15.3
19800.0	V	34.1	2.2	40.4	-26.9	-11.1	38.7	86.2	500.0	-15.3
22275.0	H	35.2	2.2	40.6	-27.1	-11.1	39.9	98.8	500.0	-14.1
22275.0	V	35.1	2.2	40.6	-27.1	-11.1	39.8	97.2	500.0	-14.2

Checked BY RICHARD E. KING :

Richard E. King



Delta 1 [T3] RBW 100 kHz RF Att 10 dB
 Ref Lvl -1.16 dB VBW 1 MHz
 26.6 dBm 1.58717435 MHz SWT 5 ms Unit dBm



Date: 24.SEP.2009 22:43:43

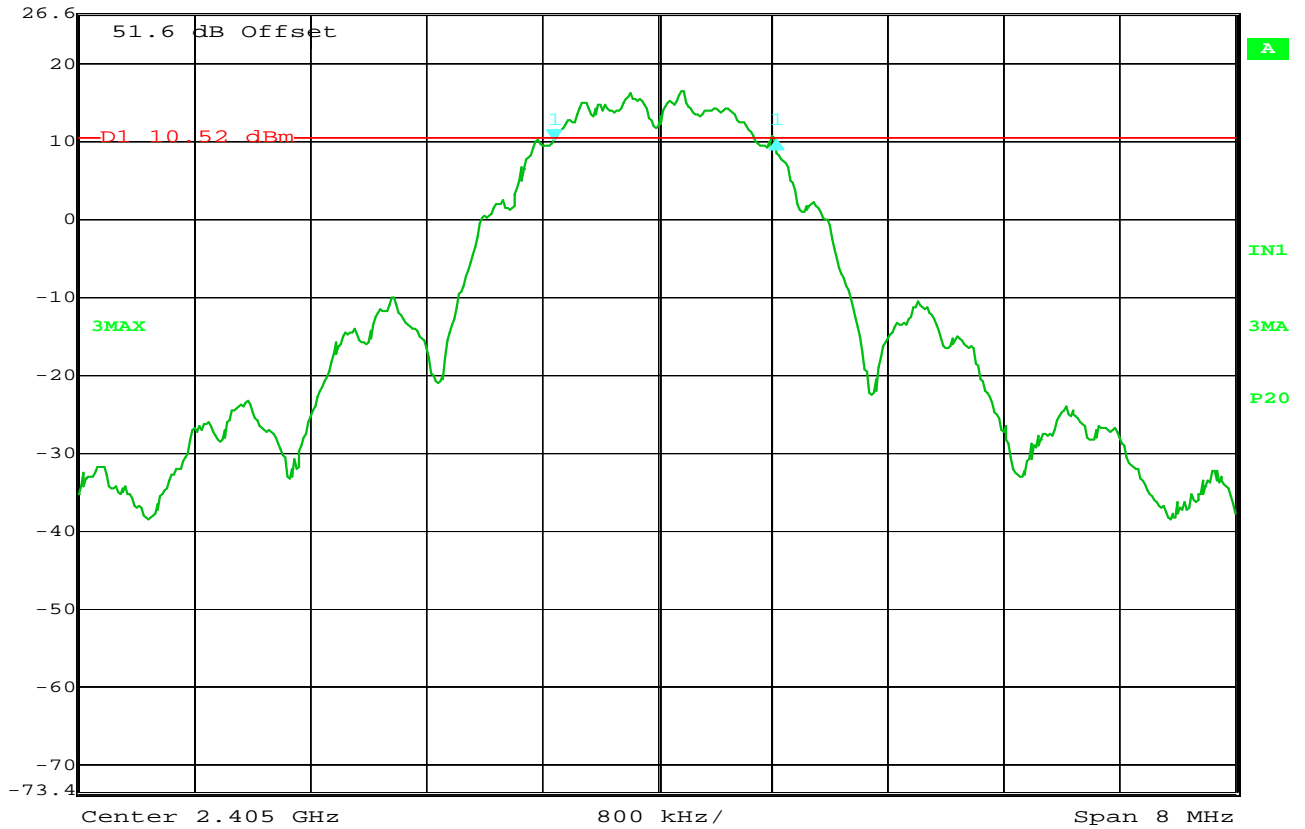
FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2405MHz
 TEST PARAMETERS : 6dB bandwidth at 2405MHz
 DATA RATE : 250kHz
 NOTES :

NOTES



Delta 1 [T3] RBW 100 kHz RF Att 10 dB
 Ref Lvl -0.03 dB VBW 1 MHz
 26.6 dBm 1.53907816 MHz SWT 5 ms Unit dBm



Date: 24.SEP.2009 22:44:55

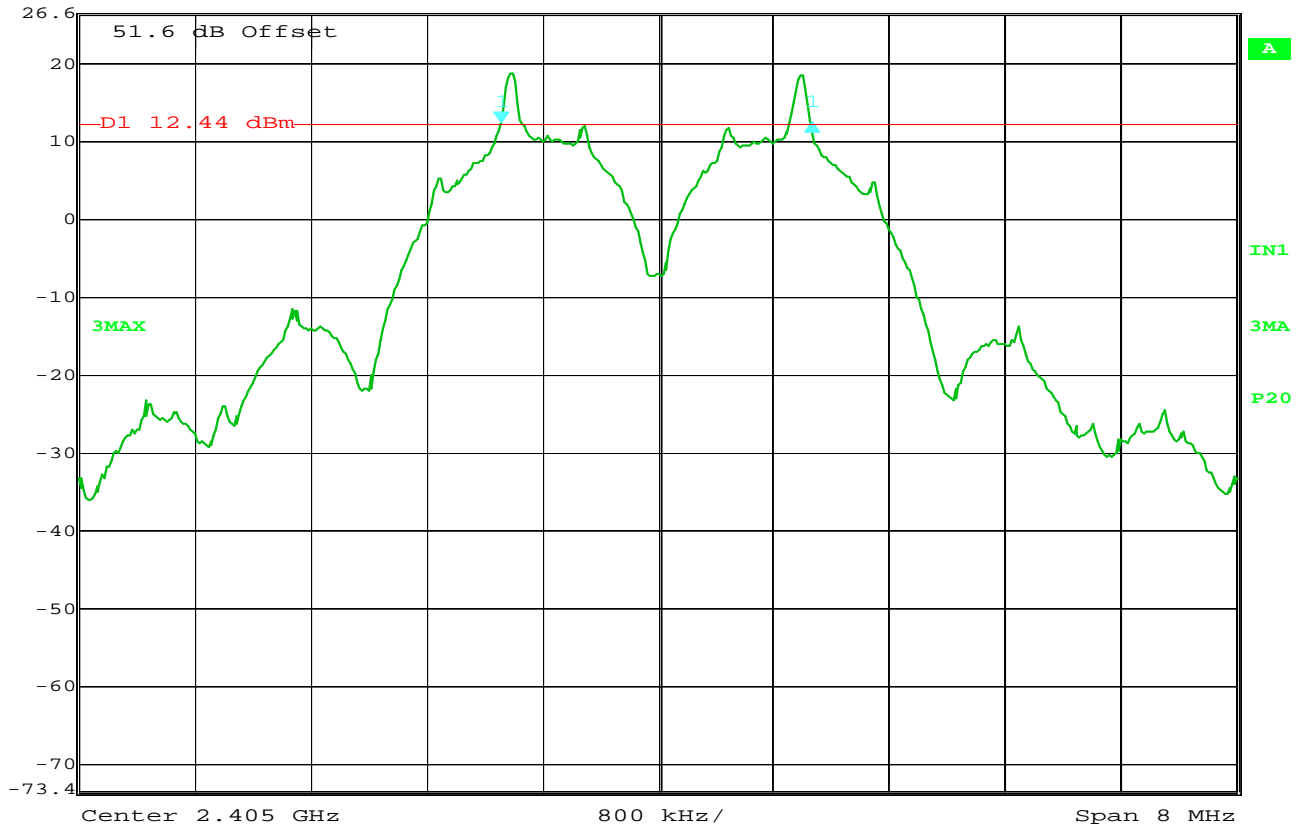
FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2405MHz
 TEST PARAMETERS : 6dB bandwidth at 2405MHz
 DATA RATE : 500kHz
 NOTES :

NOTES



Delta 1 [T3] RBW 100 kHz RF Att 10 dB
 Ref Lvl 0.00 dB VBW 1 MHz
 26.6 dBm 2.14829659 MHz SWT 5 ms Unit dBm



Date: 24.SEP.2009 22:41:40

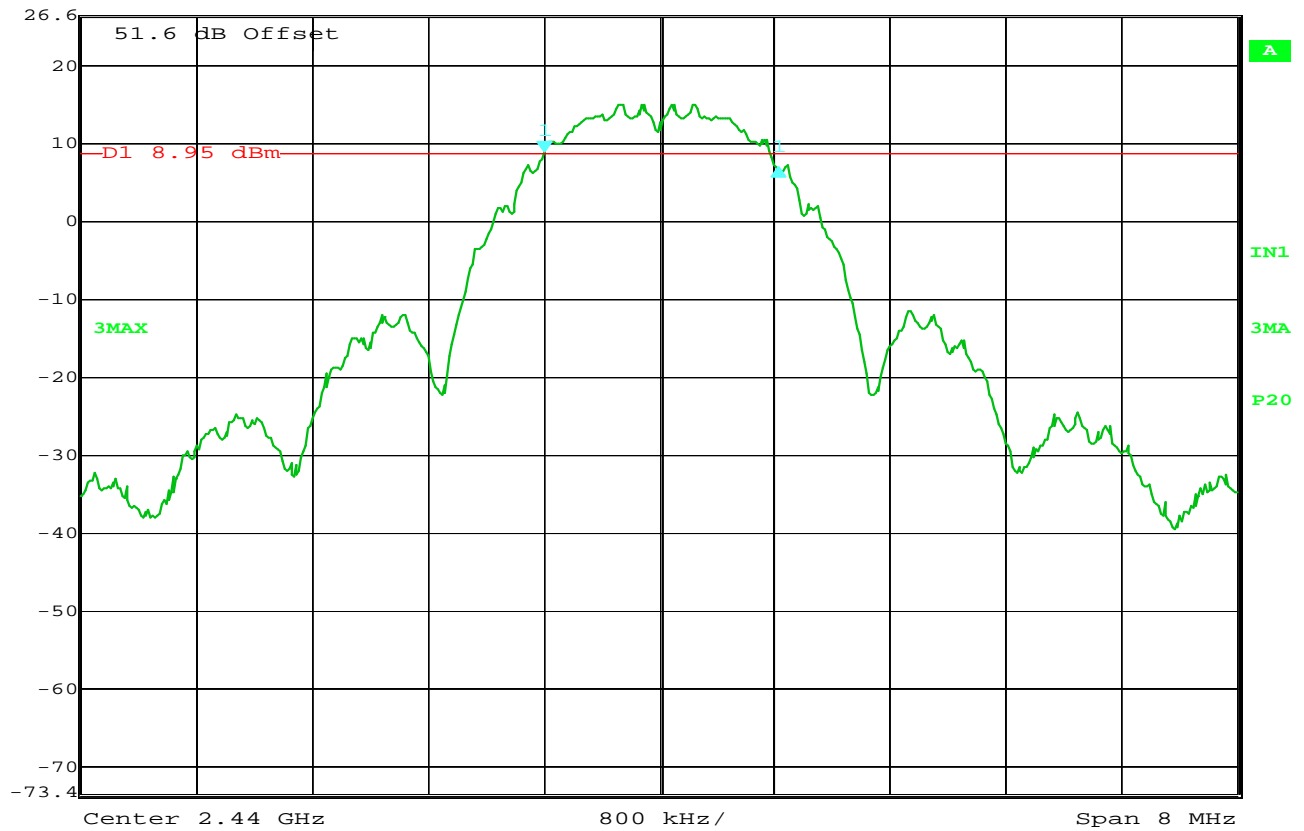
FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2405MHz
 TEST PARAMETERS : 6dB bandwidth at 2405MHz
 DATA RATE : 1MBPS
 NOTES :

NOTES



 Delta 1 [T3] RBW 100 kHz RF Att 10 dB
Ref Lvl -1.97 dB VBW 1 MHz
26.6 dBm 1.61923848 MHz SWT 5 ms Unit dBm



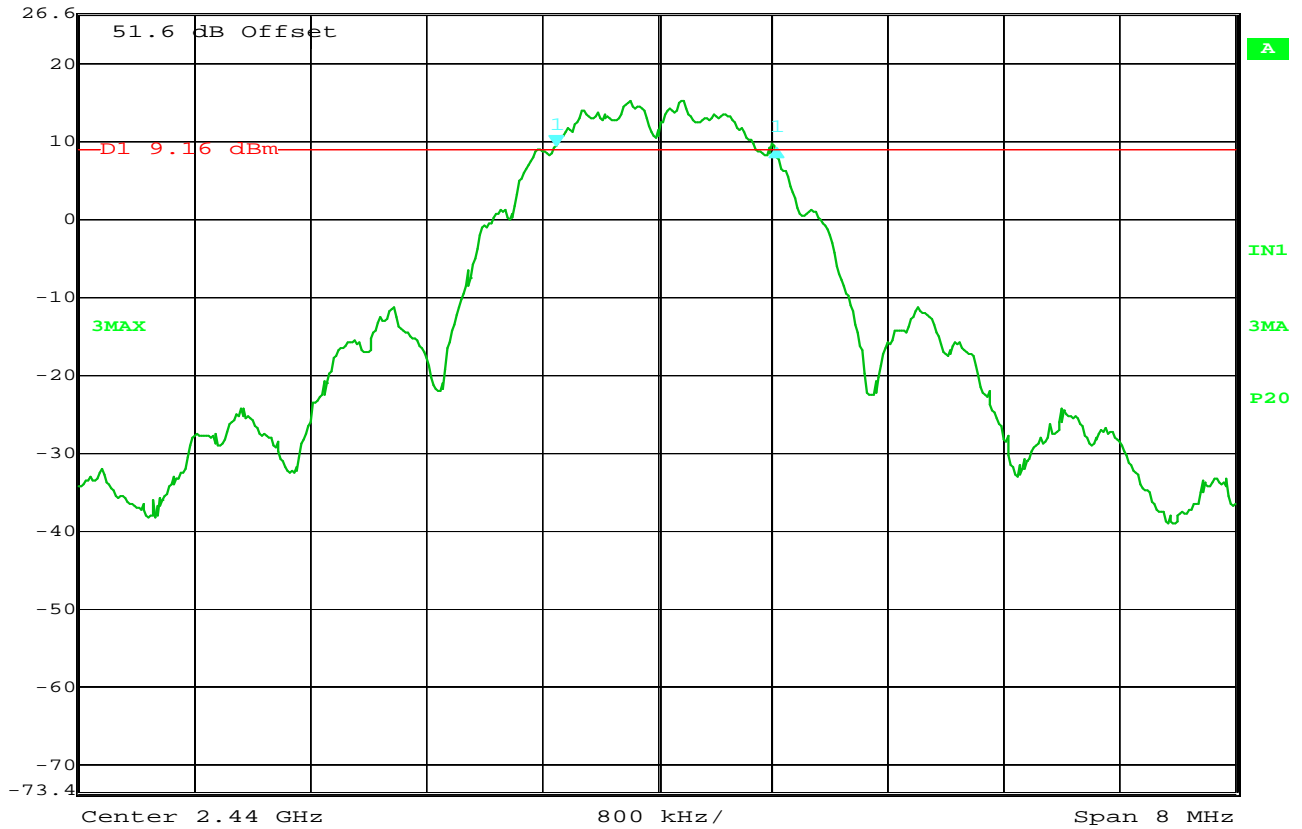
Date: 24.SEP.2009 22:47:18

FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
TEST ITEM : Zigbee Transceiver
MODEL NUMBER : ZICM2410P2
TEST MODE : Transmit @ 2440MHz
TEST PARAMETERS : 6dB bandwidth at 2440MHz
DATA RATE : 250kHz
NOTES :



 Delta 1 [T3] RBW 100 kHz RF Att 10 dB
Ref Lvl -0.35 dB VBW 1 MHz
26.6 dBm 1.52304609 MHz SWT 5 ms Unit dBm



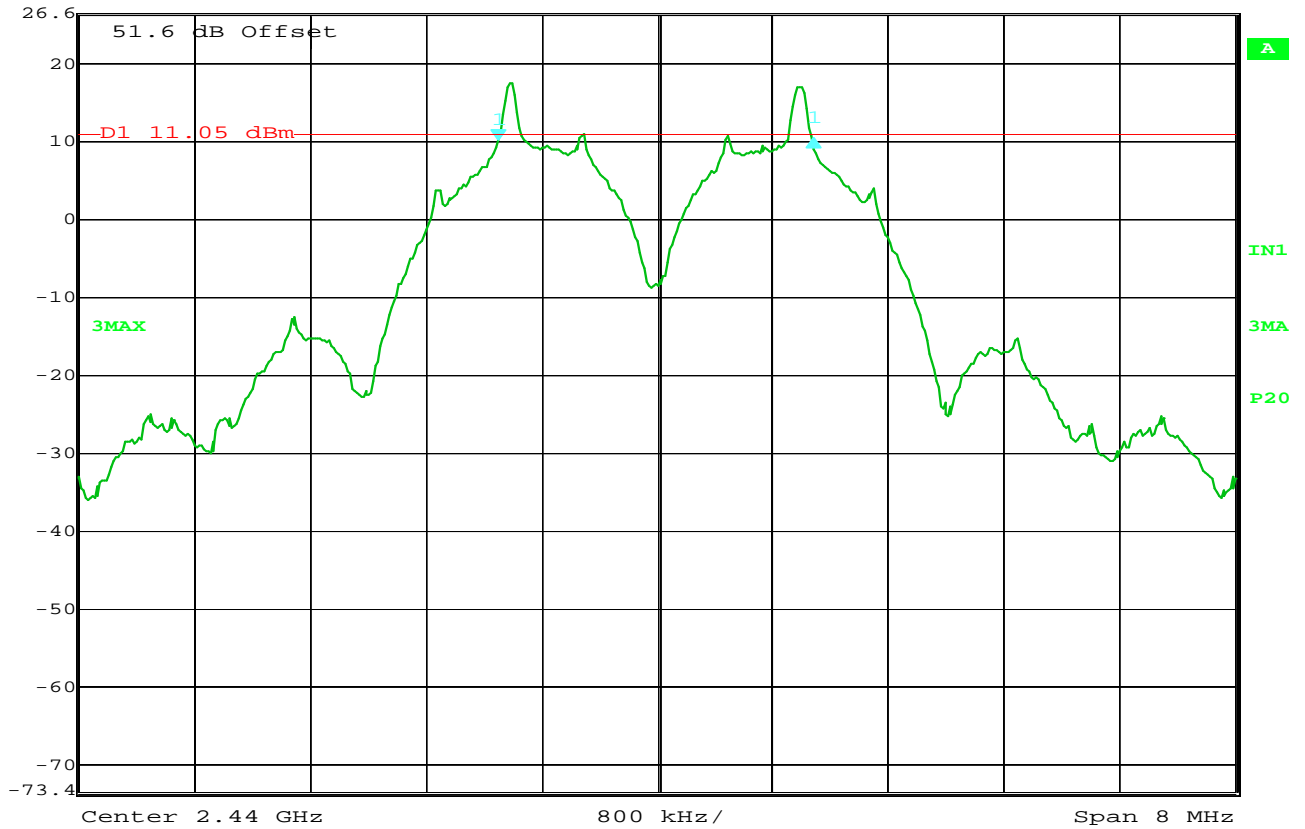
Date: 24.SEP.2009 22:46:16

FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
TEST ITEM : Zigbee Transceiver
MODEL NUMBER : ZICM2410P2
TEST MODE : Transmit @ 2440MHz
TEST PARAMETERS : 6dB bandwidth at 2440MHz
DATA RATE : 500kHz
NOTES :



Delta 1 [T3] RBW 100 kHz RF Att 10 dB
 Ref Lvl 0.21 dB VBW 1 MHz
 26.6 dBm 2.18036072 MHz SWT 5 ms Unit dBm



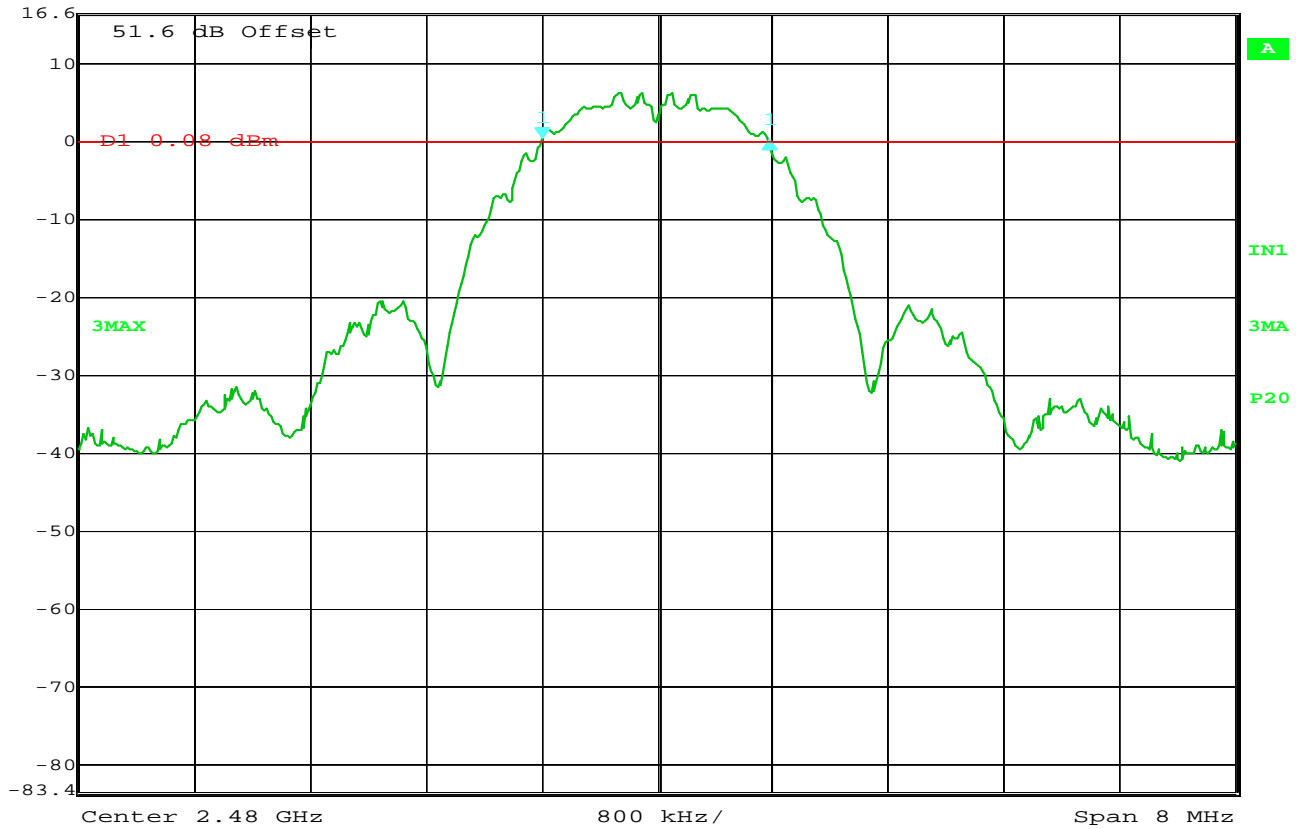
Date: 24.SEP.2009 22:48:26

FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2440MHz
 TEST PARAMETERS : 6dB bandwidth at 2440MHz
 DATA RATE : 1MBPS
 NOTES :



Delta 1 [T3] RBW 100 kHz RF Att 10 dB
 Ref Lvl -0.24 dB VBW 1 MHz
 16.6 dBm 1.57114228 MHz SWT 5 ms Unit dBm



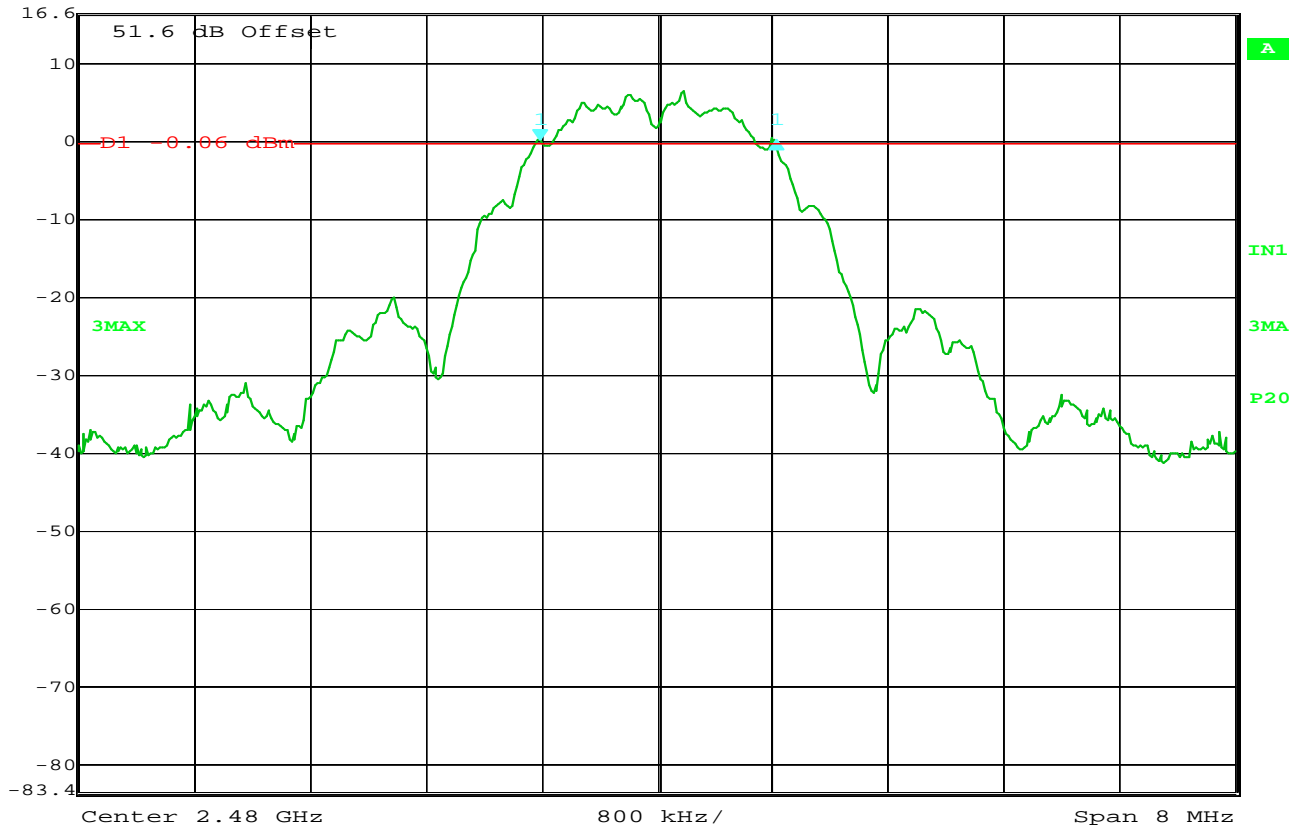
Date: 6.NOV.2009 07:29:28

FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2480MHz
 TEST PARAMETERS : 6dB bandwidth at 2480MHz
 DATA RATE : 250kHz
 NOTES :



Delta 1 [T3] RBW 100 kHz RF Att 10 dB
 Ref Lvl -0.01 dB VBW 1 MHz
 16.6 dBm 1.63527054 MHz SWT 5 ms Unit dBm



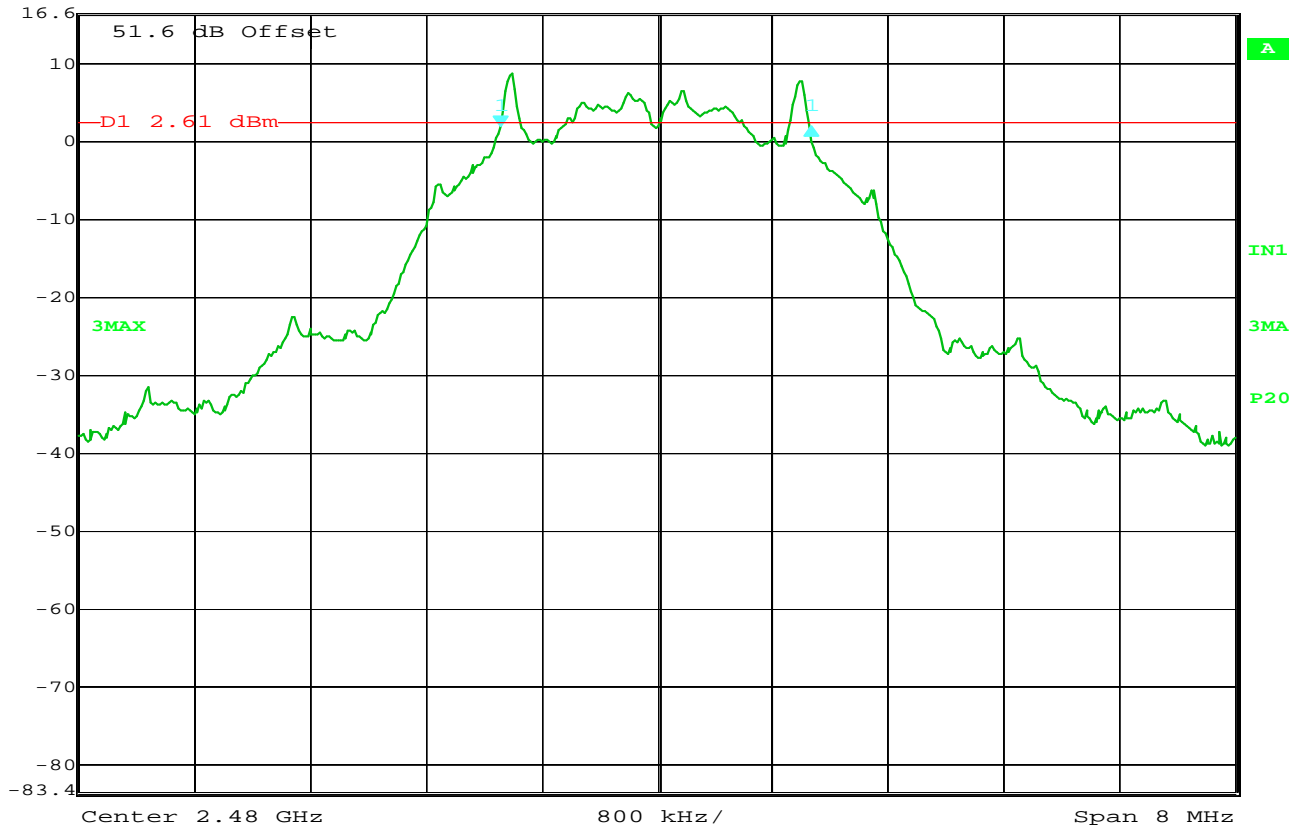
Date: 6.NOV.2009 07:31:28

FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2480MHz
 TEST PARAMETERS : 6dB bandwidth at 2480MHz
 DATA RATE : 500kHz
 NOTES :



 Delta 1 [T3] RBW 100 kHz RF Att 10 dB
Ref Lvl 0.01 dB VBW 1 MHz
16.6 dBm 2.14829659 MHz SWT 5 ms Unit dBm



Date: 6.NOV.2009 07:32:44

FCC 15.247 6dB Bandwidth

MANUFACTURER : California Eastern Labs
TEST ITEM : Zigbee Transceiver
MODEL NUMBER : ZICM2410P2
TEST MODE : Transmit @ 2480MHz
TEST PARAMETERS : 6dB bandwidth at 2480MHz
DATA RATE : 1mbps
NOTES :



DATA SHEET

Manufacturer : California Eastern Labs
Test Item : Zigbee Transceiver
Model No. : ZICM2410P2
Test Specification : FCC Part 15, Subpart C, Section 15.247, Peak Output Power
Date : September 14 through October 23, 2009
Notes :

Freq (MHz)	Total (dBm)	Total (Watts)	Limit (dBm)	Limit (Watts)
2405.0	18.23	0.067	30	1
2440.0	15.77	0.038	30	1
2480.0	7.11	0.005	30	1

Checked BY RICHARD E. KING :

Richard E. King



DATA SHEET

Manufacturer : California Eastern Labs
Test Item : Zigbee Transceiver
Model No. : ZICM2410P2
Test Specification : FCC Part 15, Subpart C, Section 15.247, Radiated Peak Output Power
Date : September 14 through October 23, 2009
Notes : EIRP = Matched Signal - Cable Loss + Antenna Gain

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Matched SIG. GEN. (dB)	Ant Gain (dB)	CBL (dB)	Total (dBm)	Limit
2405.0	H	90.5	17.8	5.3	3.0	20.1	36
2405.0	V	82.1	9.4	5.3	3.0	11.7	36
2440.0	H	84.9	15.7	5.4	3.1	18.0	36
2440.0	V	82.1	8.3	5.4	3.1	10.6	36
2480.0	H	73.9	11.5	5.4	3.1	13.8	36
2480.0	V	67.2	9.1	5.4	3.1	11.4	36

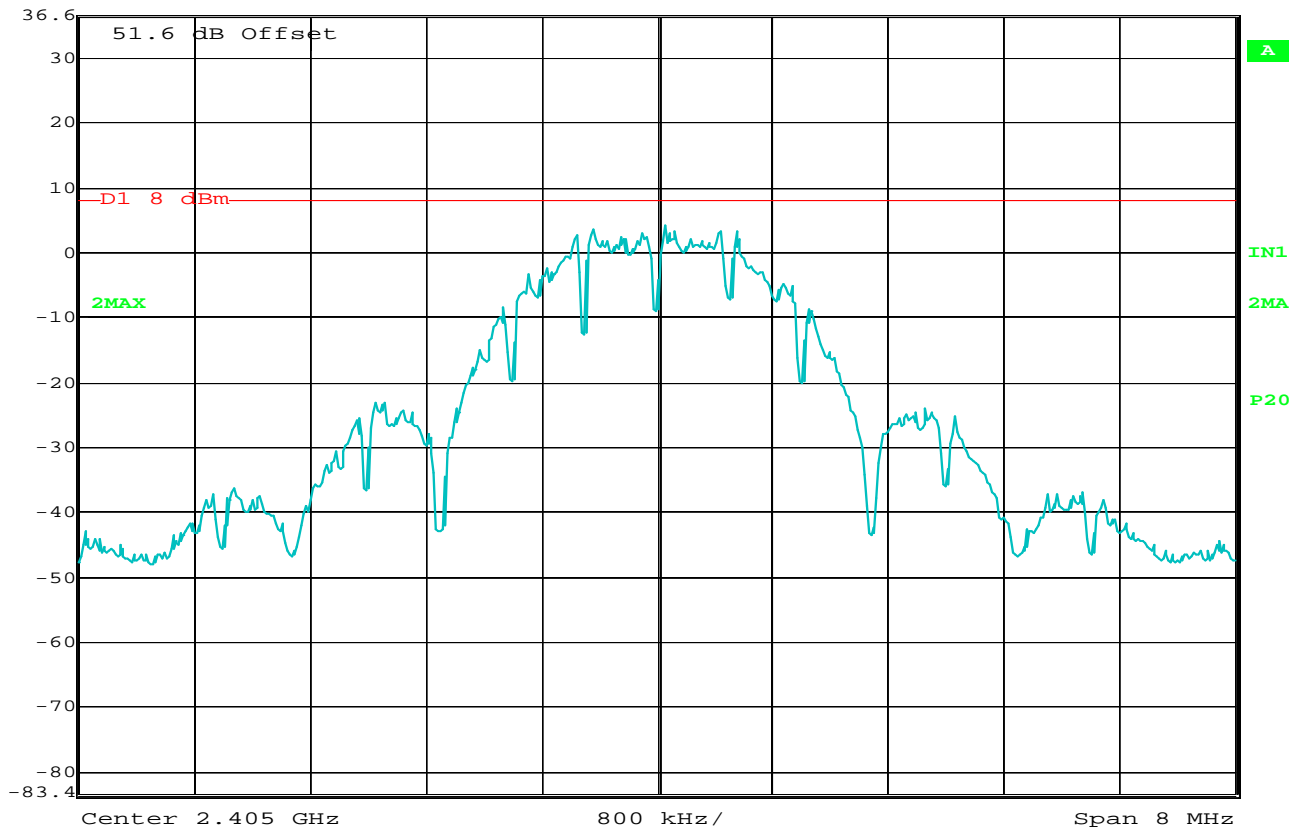
Checked BY Richard E. King :

Richard E. King



Ref Lvl
36.6 dBm

RBW 3 kHz RF Att 20 dB
VBW 30 kHz
SWT 1000 s Unit dBm



Date: 24.SEP.2009 21:24:59

FCC 15.247 Power Spectral Density

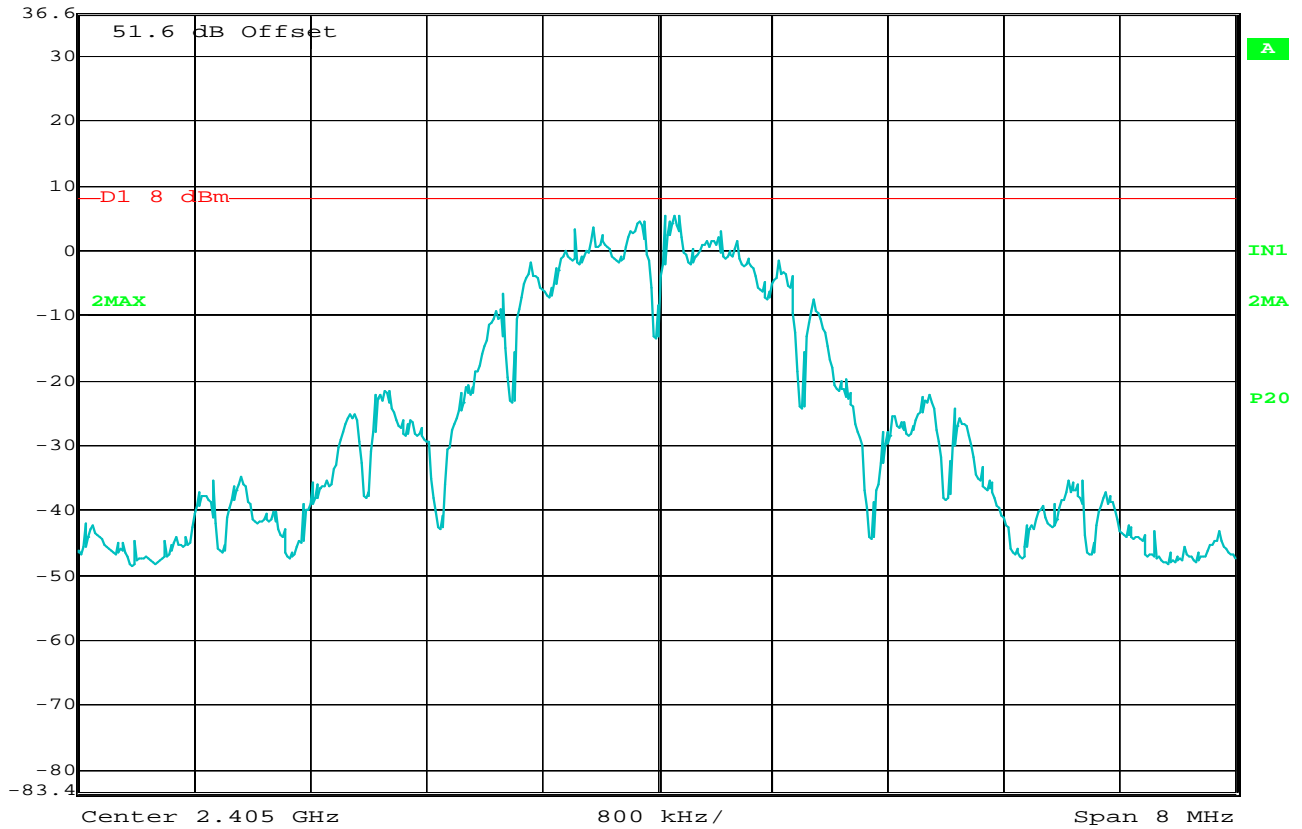
MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2405MHz
 TEST PARAMETERS : Power Spectral Density at 2405MHz
 NOTES : 250k data rate

NOTES



Ref Lvl
36.6 dBm

RBW 3 kHz RF Att 20 dB
VBW 30 kHz
SWT 1000 s Unit dBm



Date: 24.SEP.2009 21:43:31

FCC 15.247 Power Spectral Density

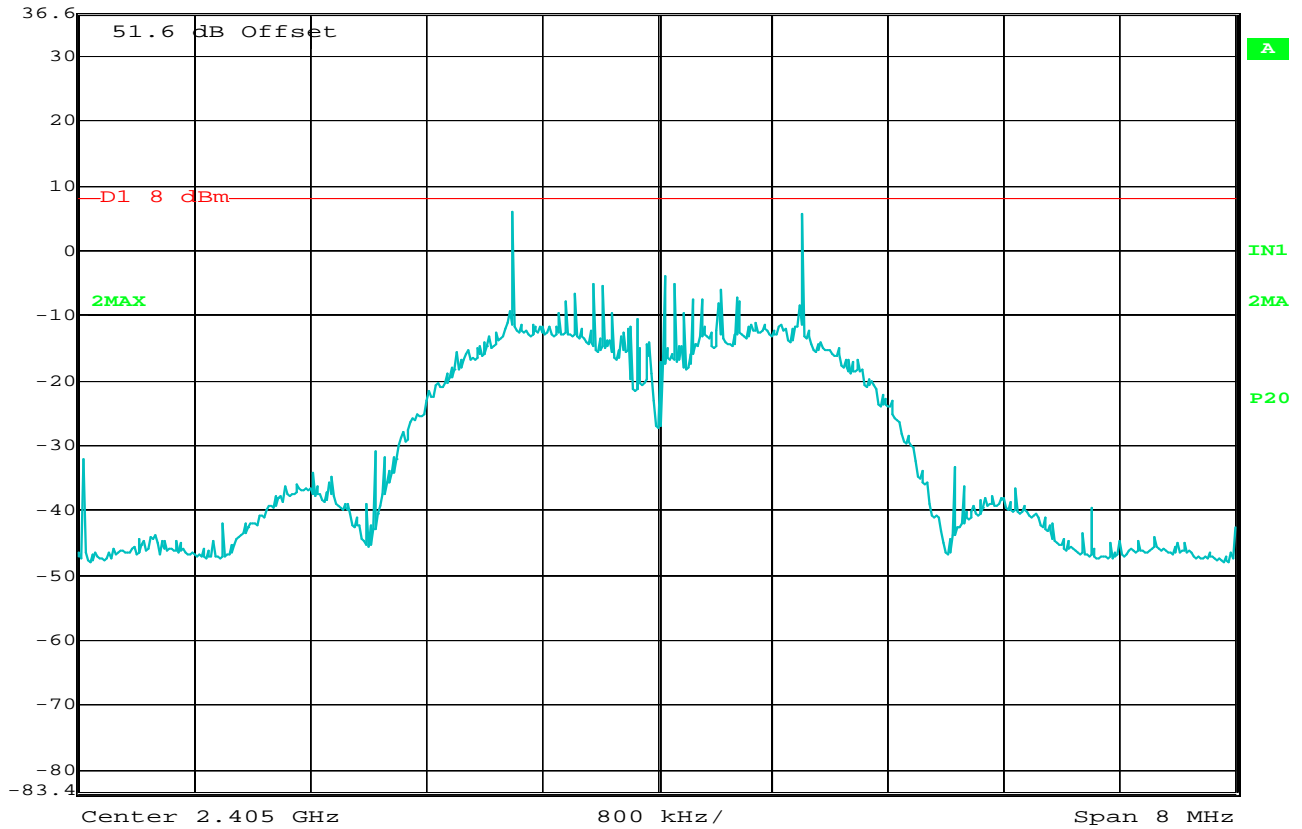
MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2405MHz
 TEST PARAMETERS : Power Spectral Density at 2405MHz
 NOTES : 500k data rate

NOTES



Ref Lvl
36.6 dBm

RBW 3 kHz RF Att 20 dB
VBW 30 kHz
SWT 1000 s Unit dBm



Date: 24.SEP.2009 22:06:34

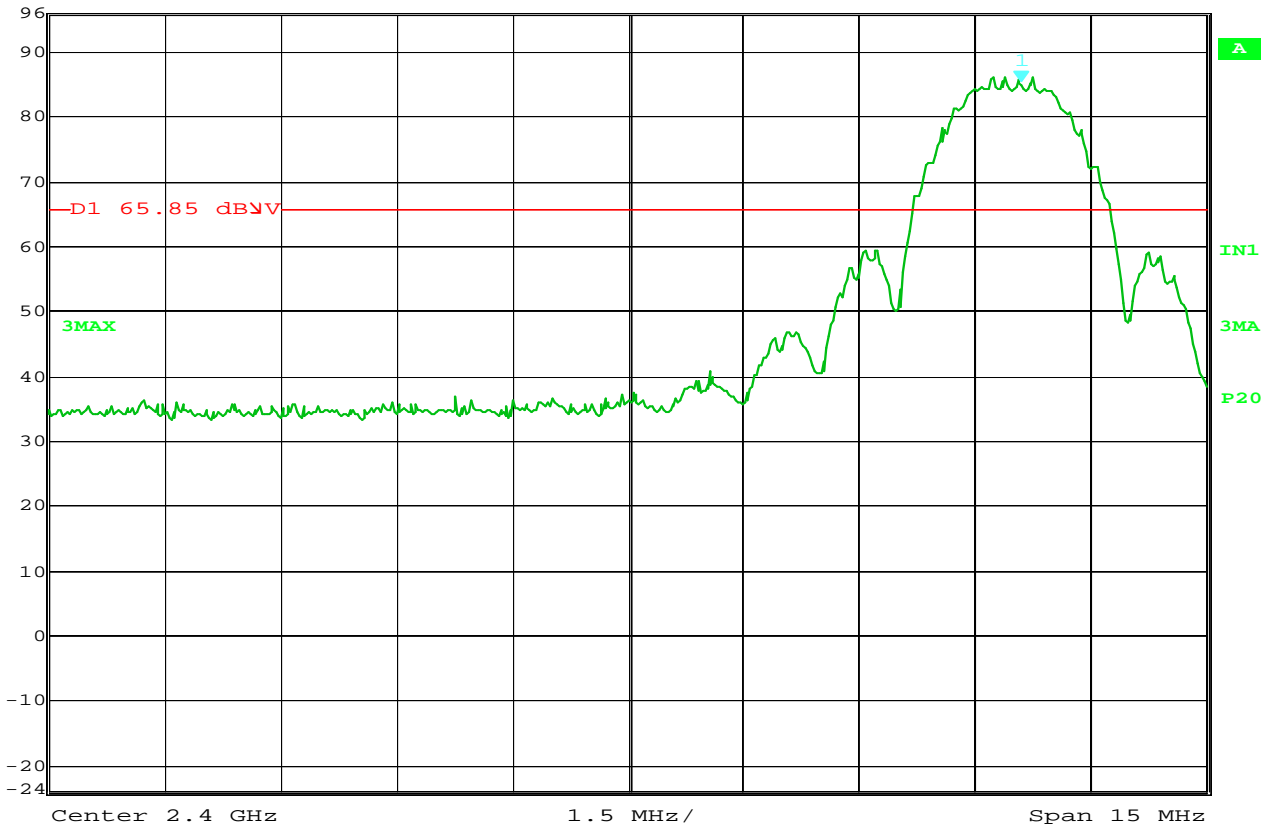
FCC 15.247 Power Spectral Density

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2405MHz
 TEST PARAMETERS : Power Spectral Density at 2405MHz
 NOTES : 1Mbpsdata rate

NOTES



Marker 1 [T3] RBW 100 kHz RF Att 30 dB
 85.27 dBV VBW 1 MHz
 2.40509519 GHz SWT 5 ms Unit dBV
 Ref Lvl 96 dBV



Date: 14.SEP.2009 18:27:50

FCC 15.247 Band Edge Compliance

MANUFACTURER : California Eastern Labs
 TEST ITEM : Zigbee Transceiver
 MODEL NUMBER : ZICM2410P2
 TEST MODE : Transmit @ 2405MHz
 TEST PARAMETERS : Band Edge Compliance at 2400MHz
 NOTES : Center is at 2400MHz

NOTES



Manufacturer : California Eastern Labs
Test Item : Zigbee Transceiver
Model No. : ZICM2410P2
Test Specification : FCC Part 15, Subpart C, Section 15.247, Band-edge compliance
Date : October 23, 2009
Mode : Transmit @ 2480MHz
Test Distance : 3 meters
Notes : none

Frequency MHz	Antenna Polarity	Meter Reading dBuV	Amb	Cable Loss dB	Antenna Factor dB	Total dBuV/m	Total uV/m	Limit uV/m
2483.5	H	20.3		3.8	29.5	53.6	481.4	500
2483.5	V	18.4		3.8	29.5	51.8	388.1	500

Total = Meter Reading + Cable Loss + Antenna Factor

Checked BY Richard E. King :

Richard E. King