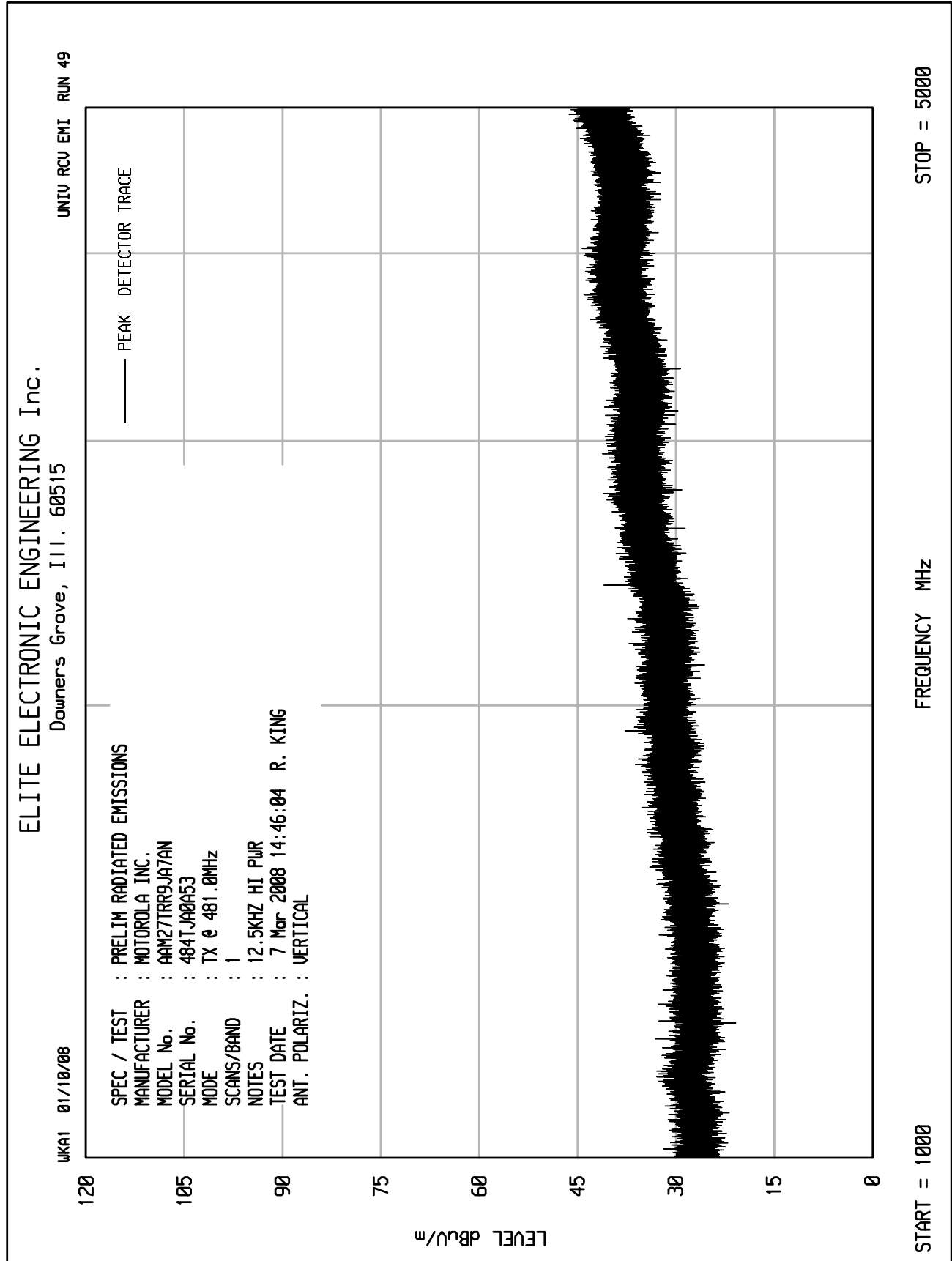
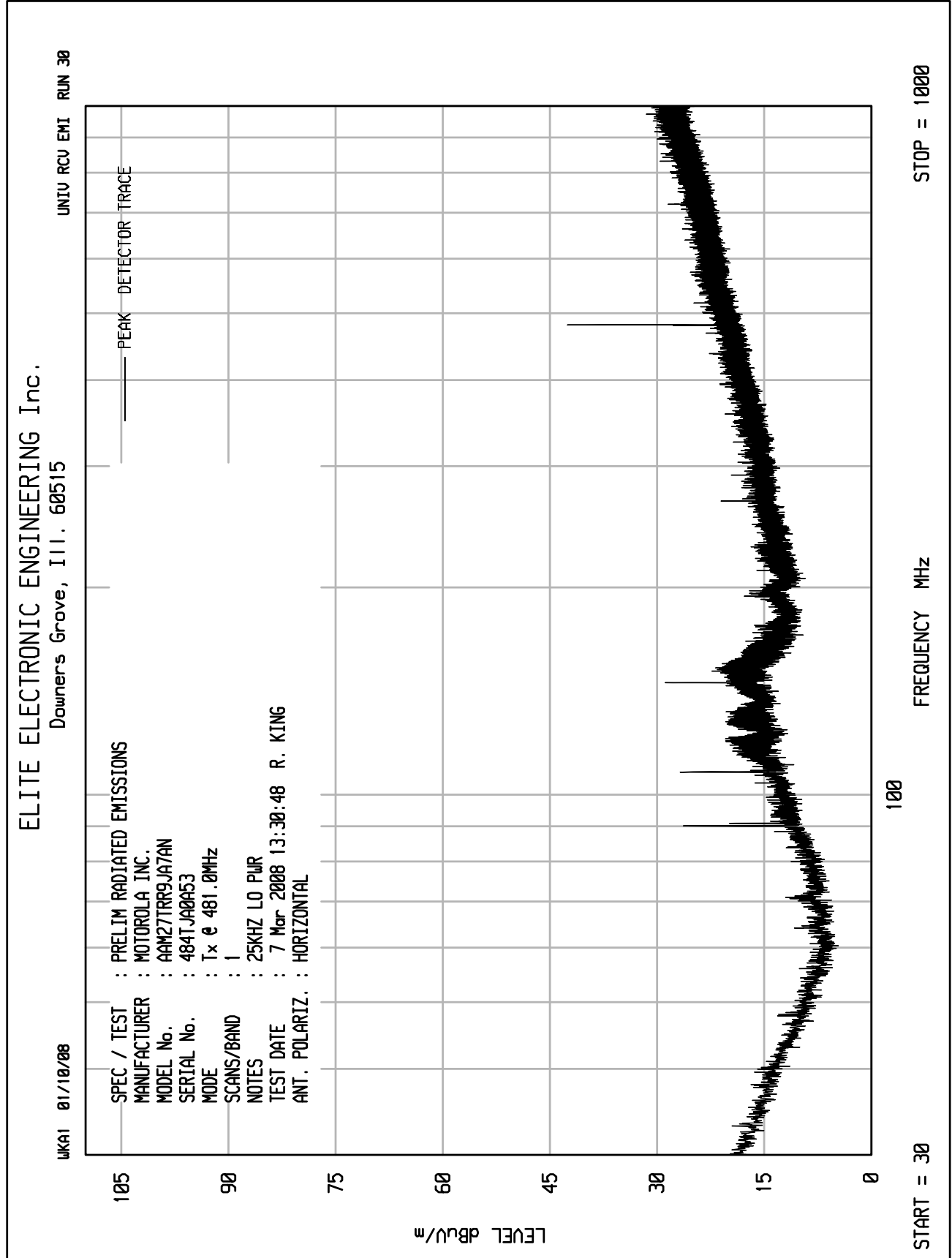
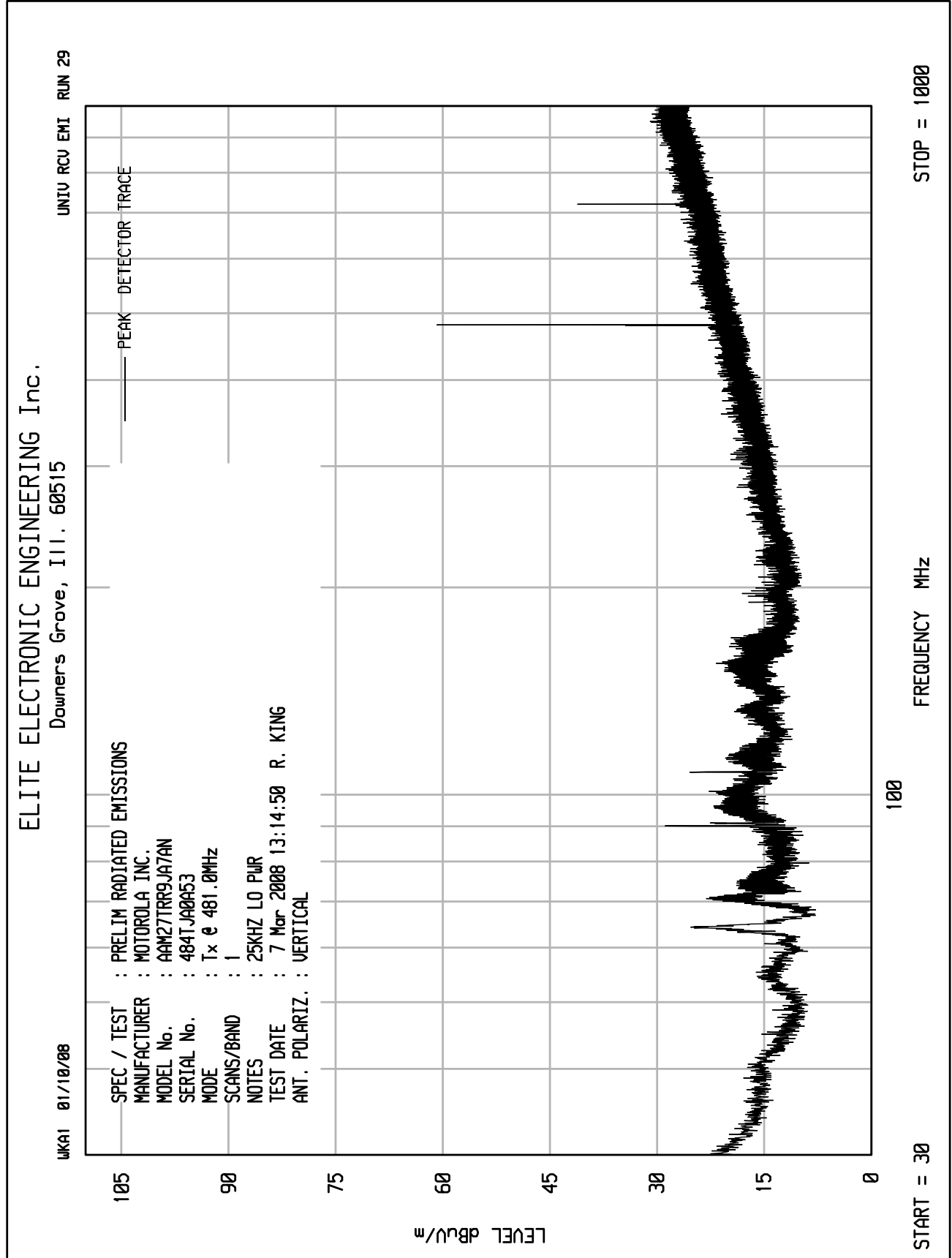
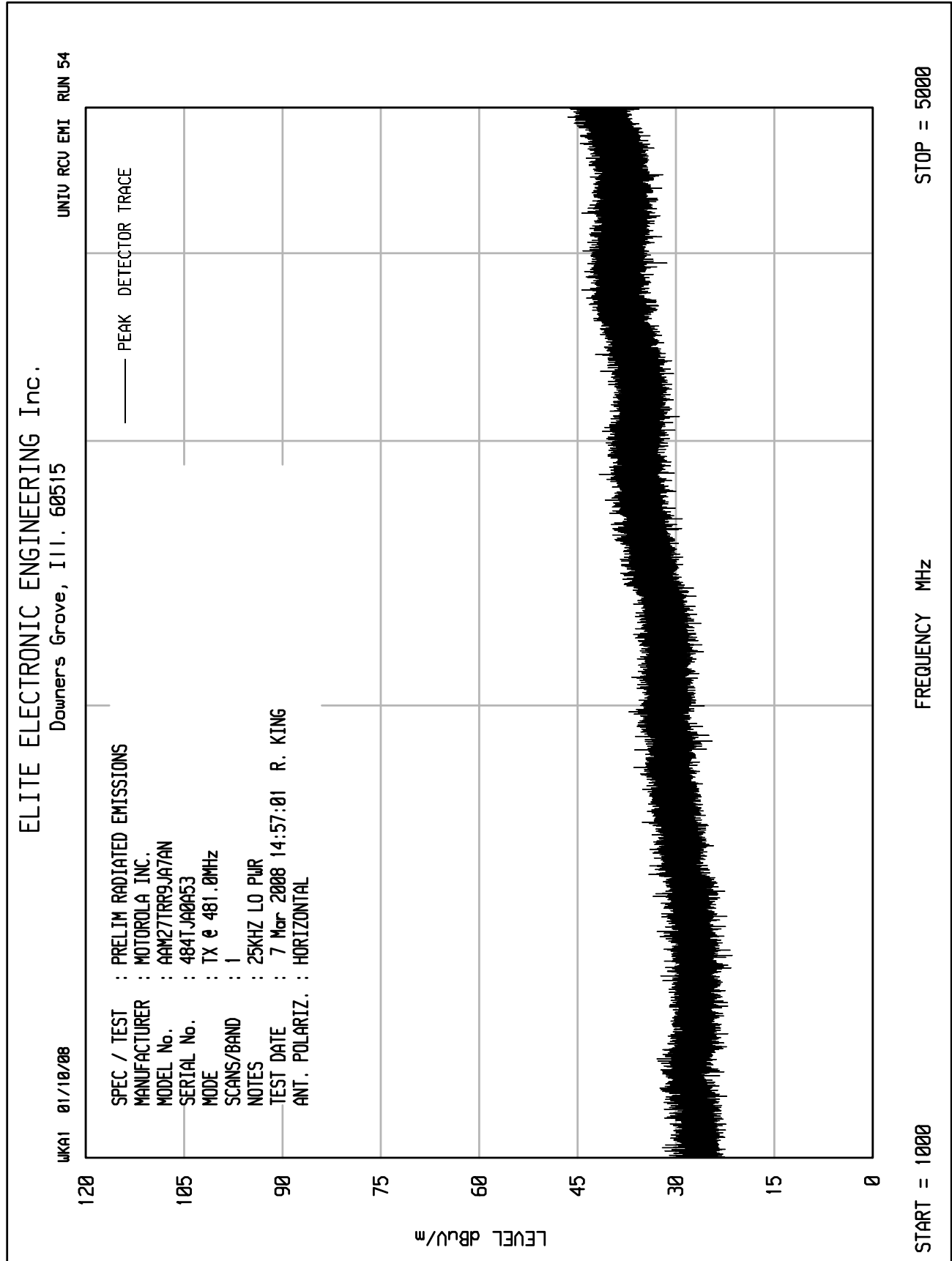
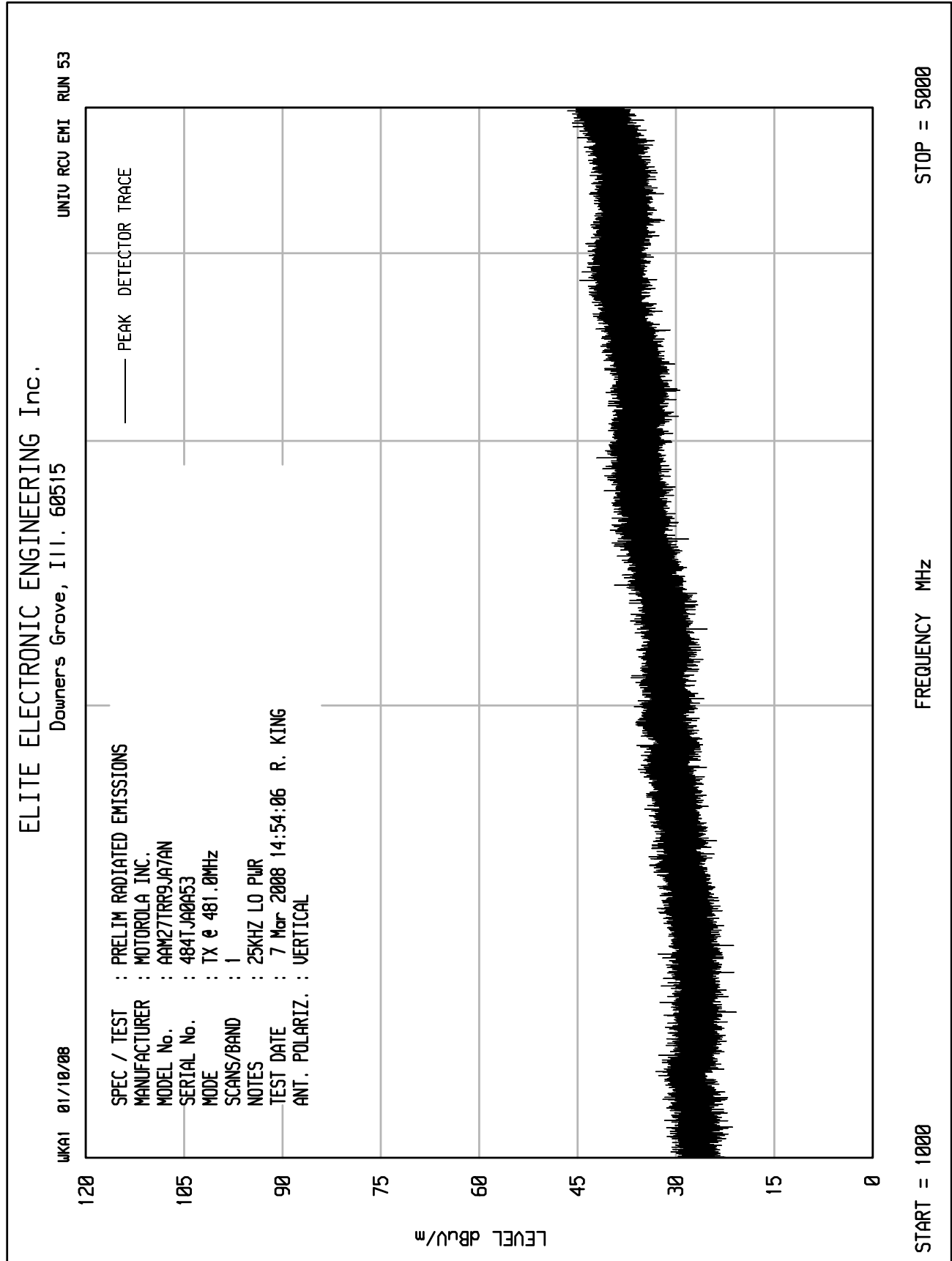


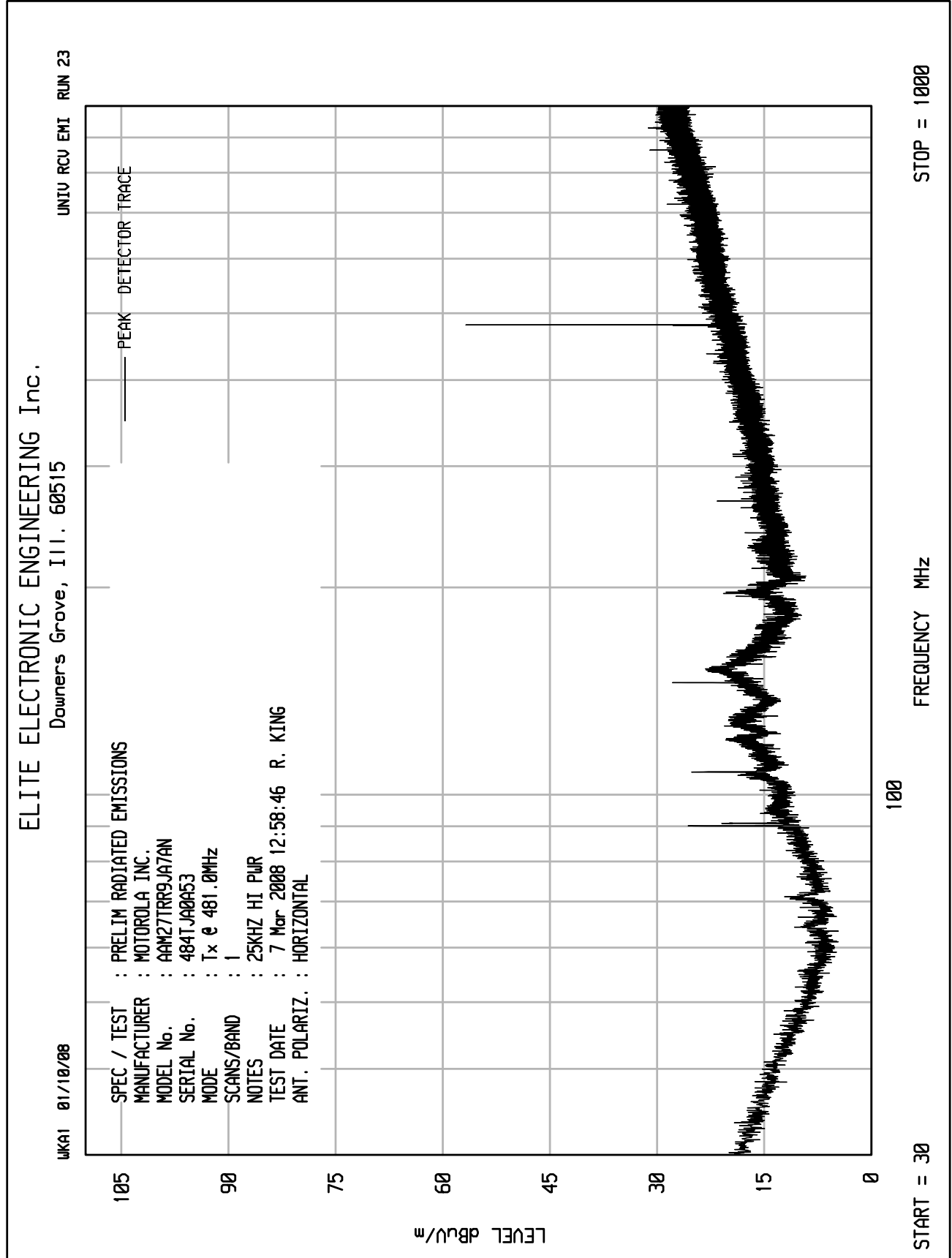


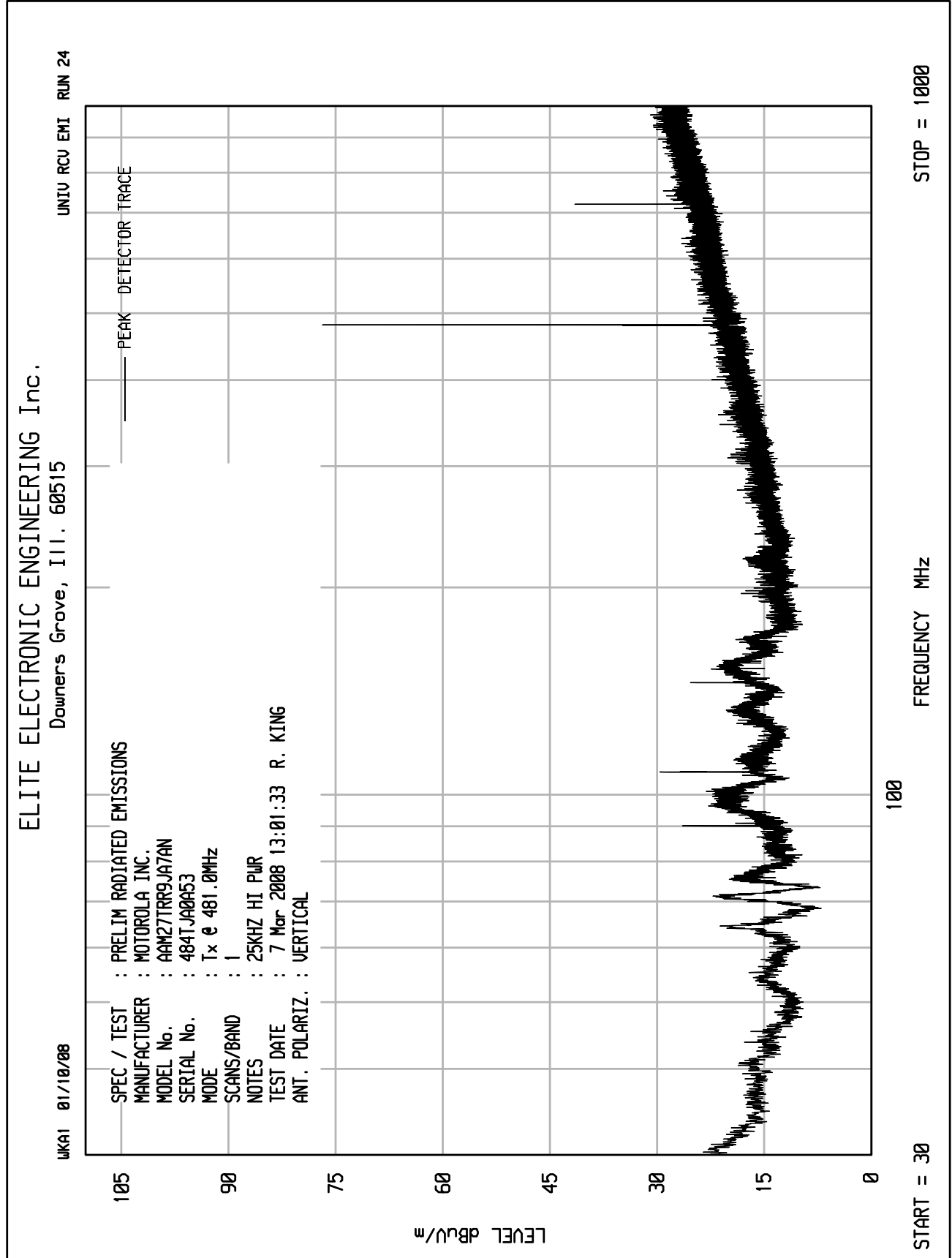


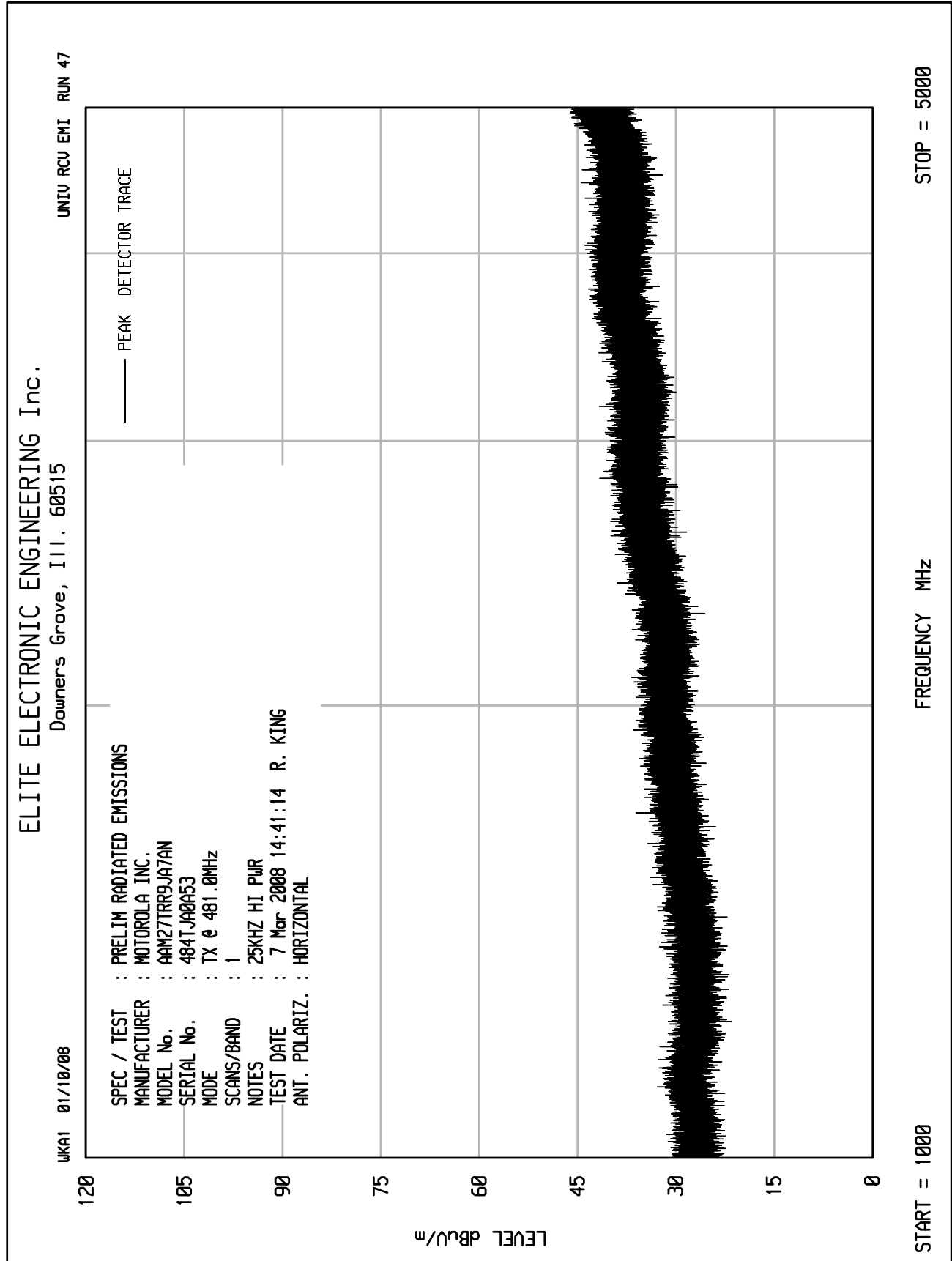


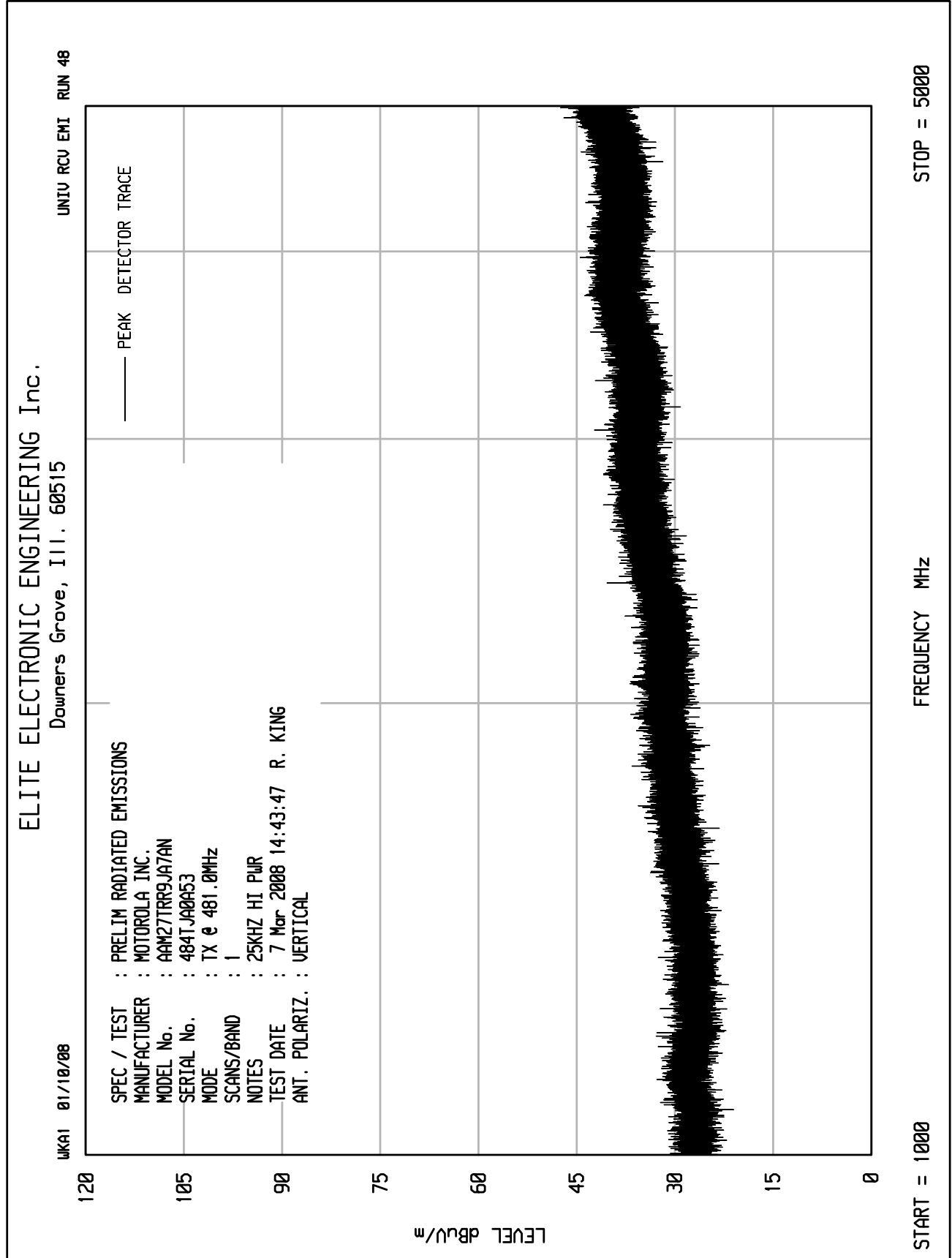


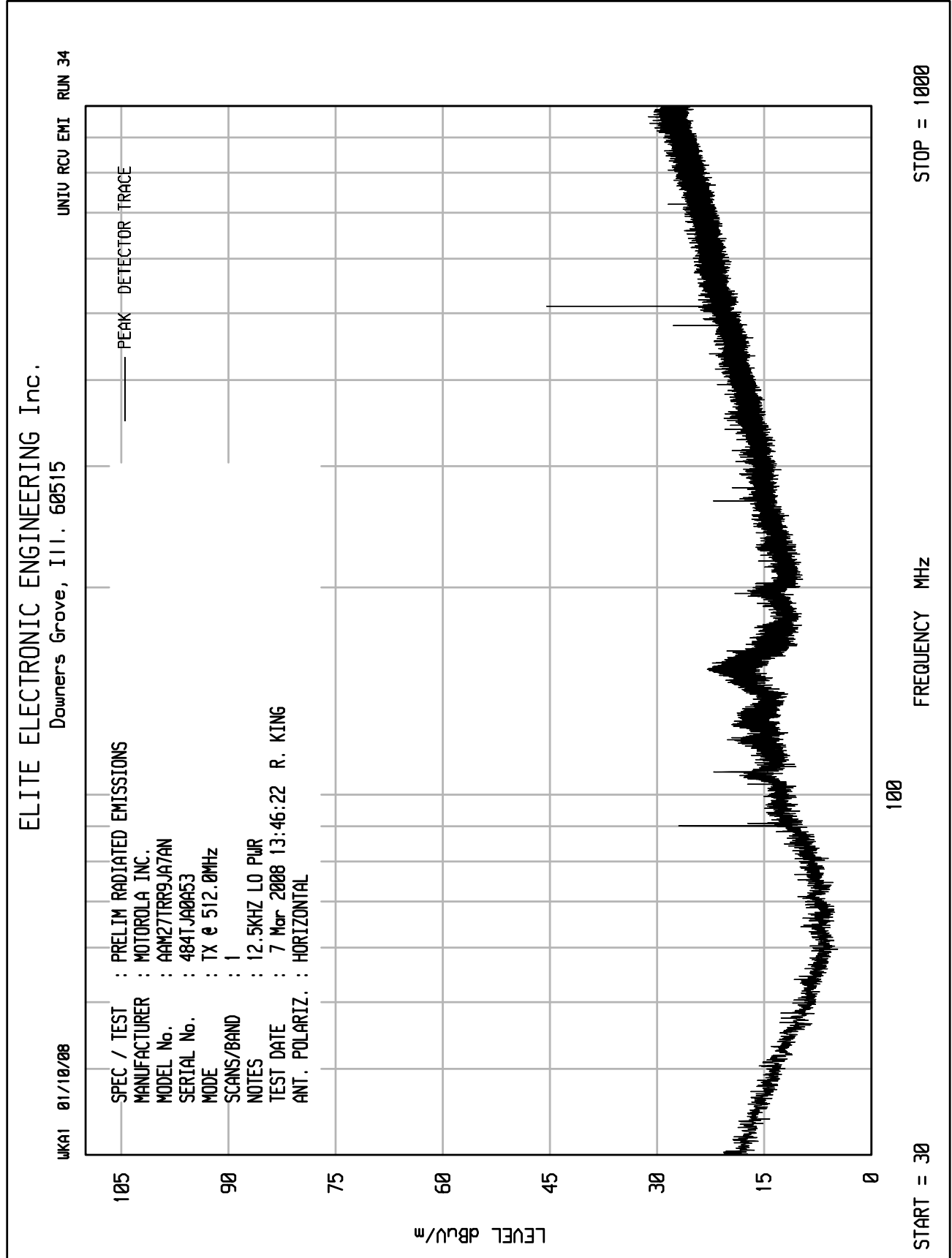


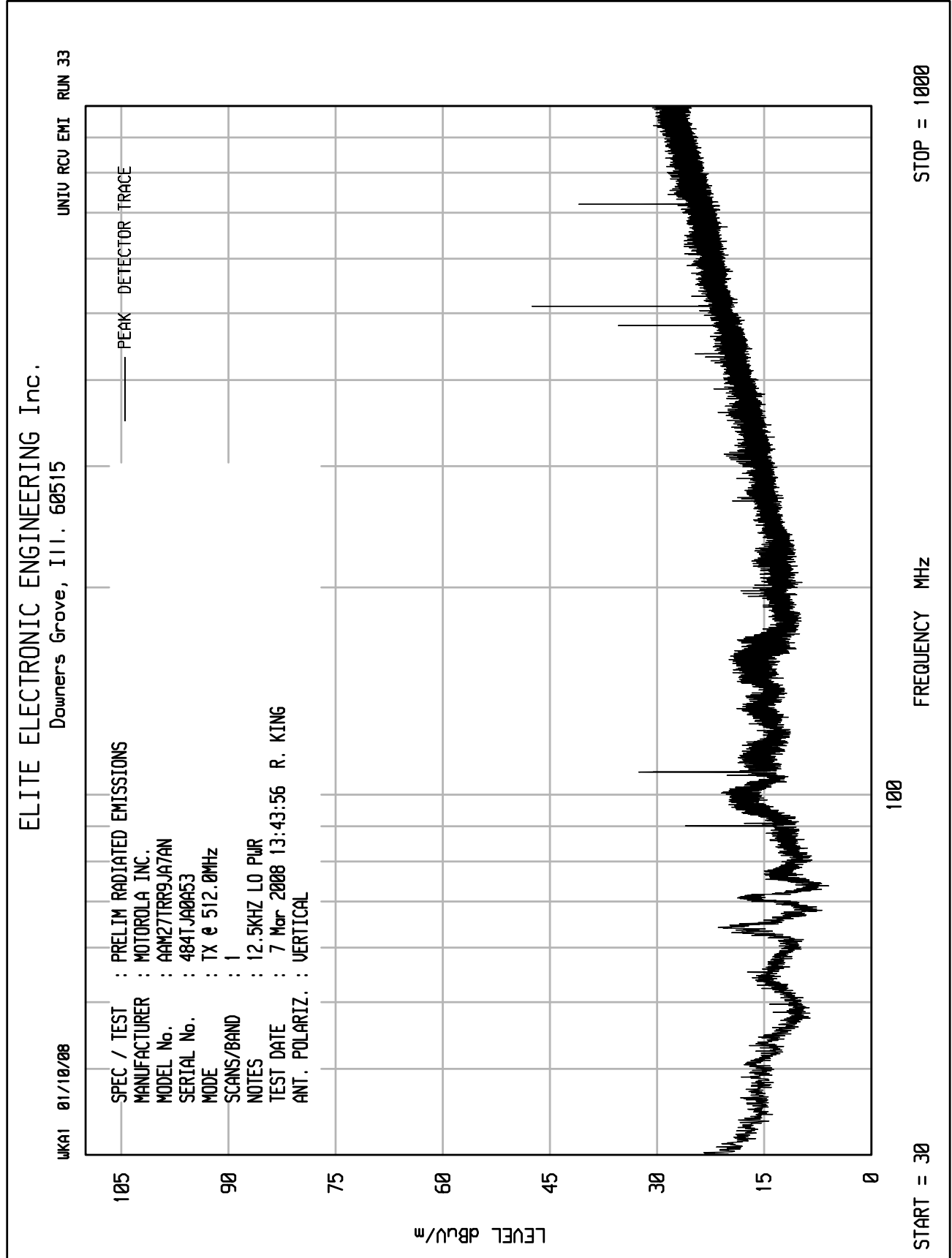


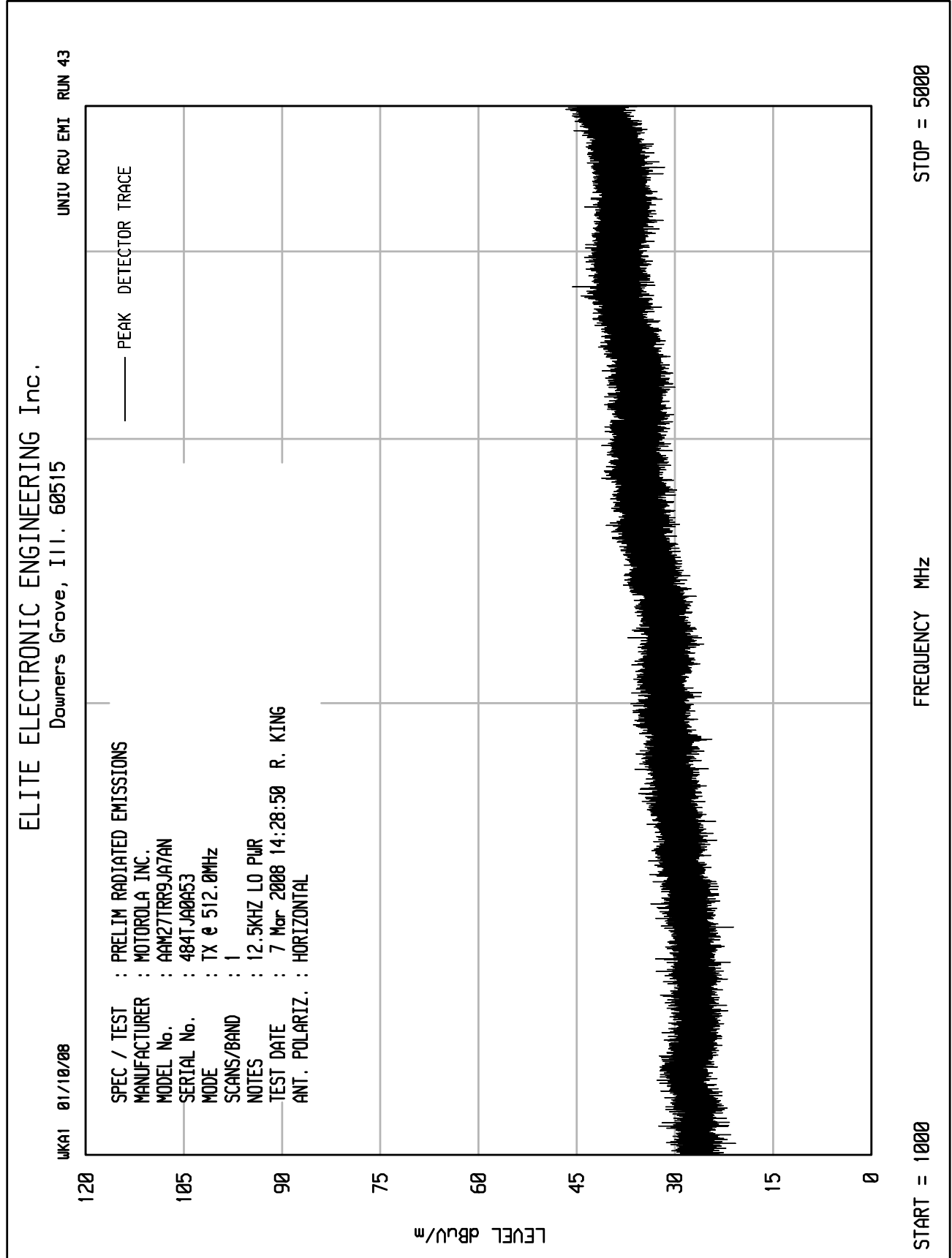


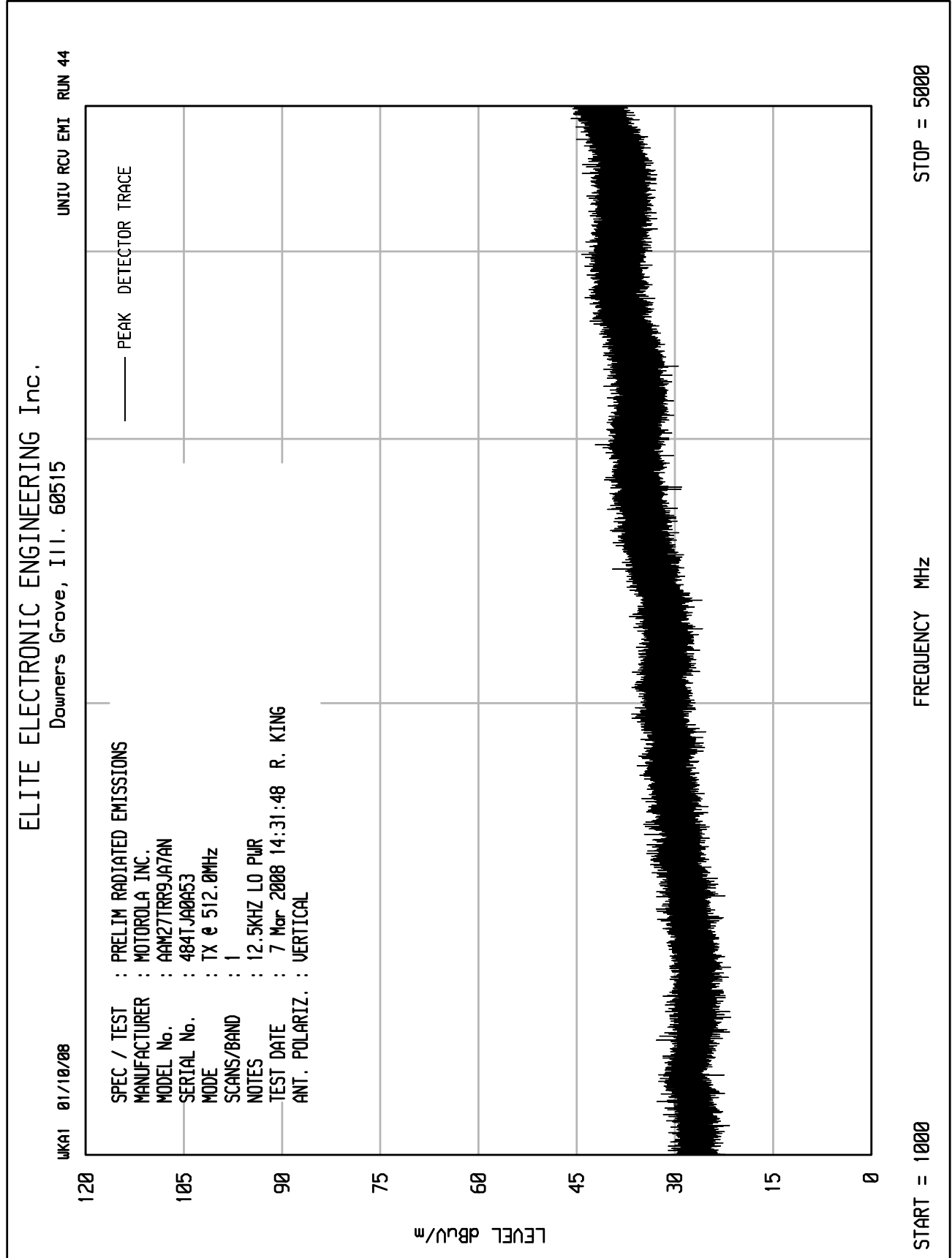


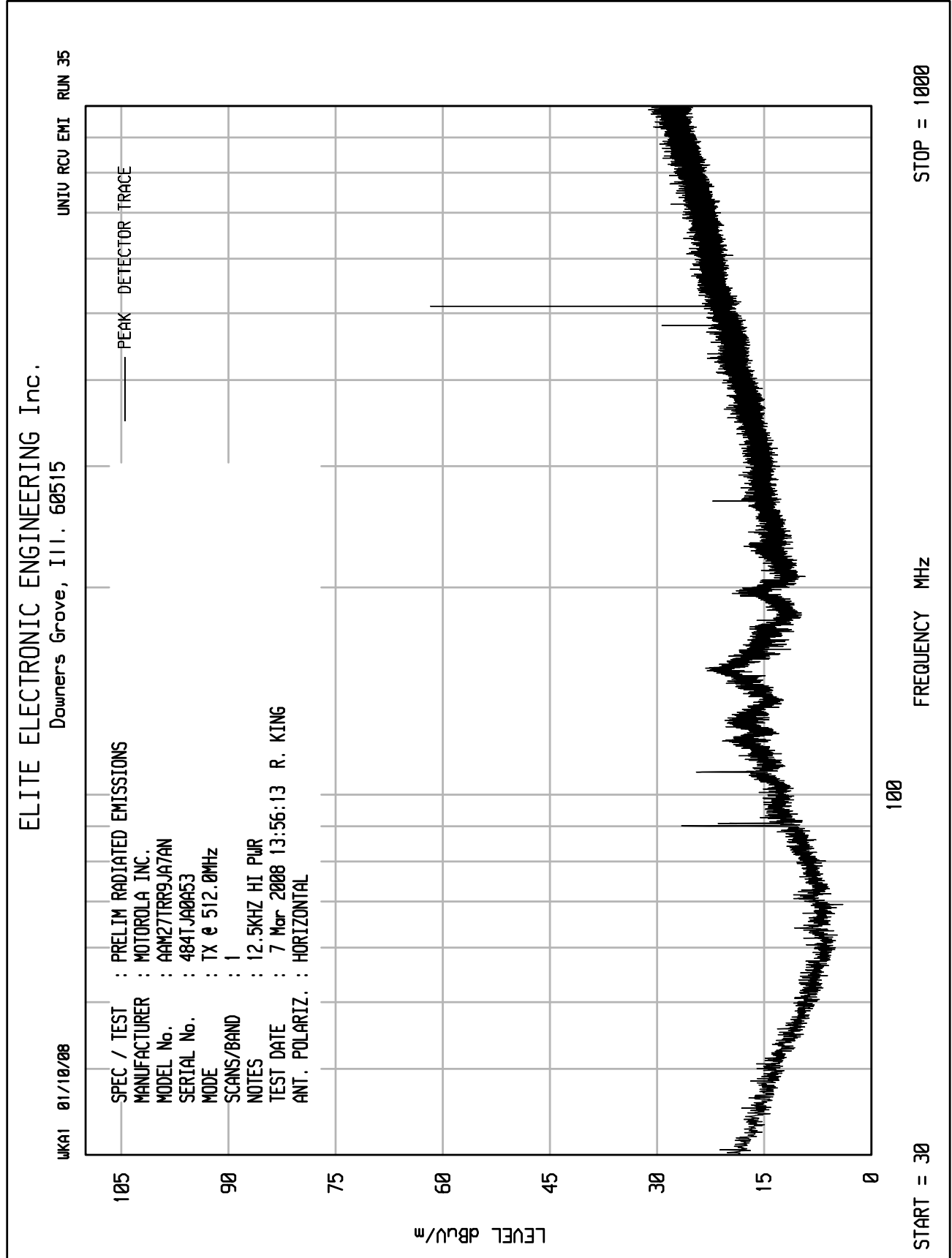


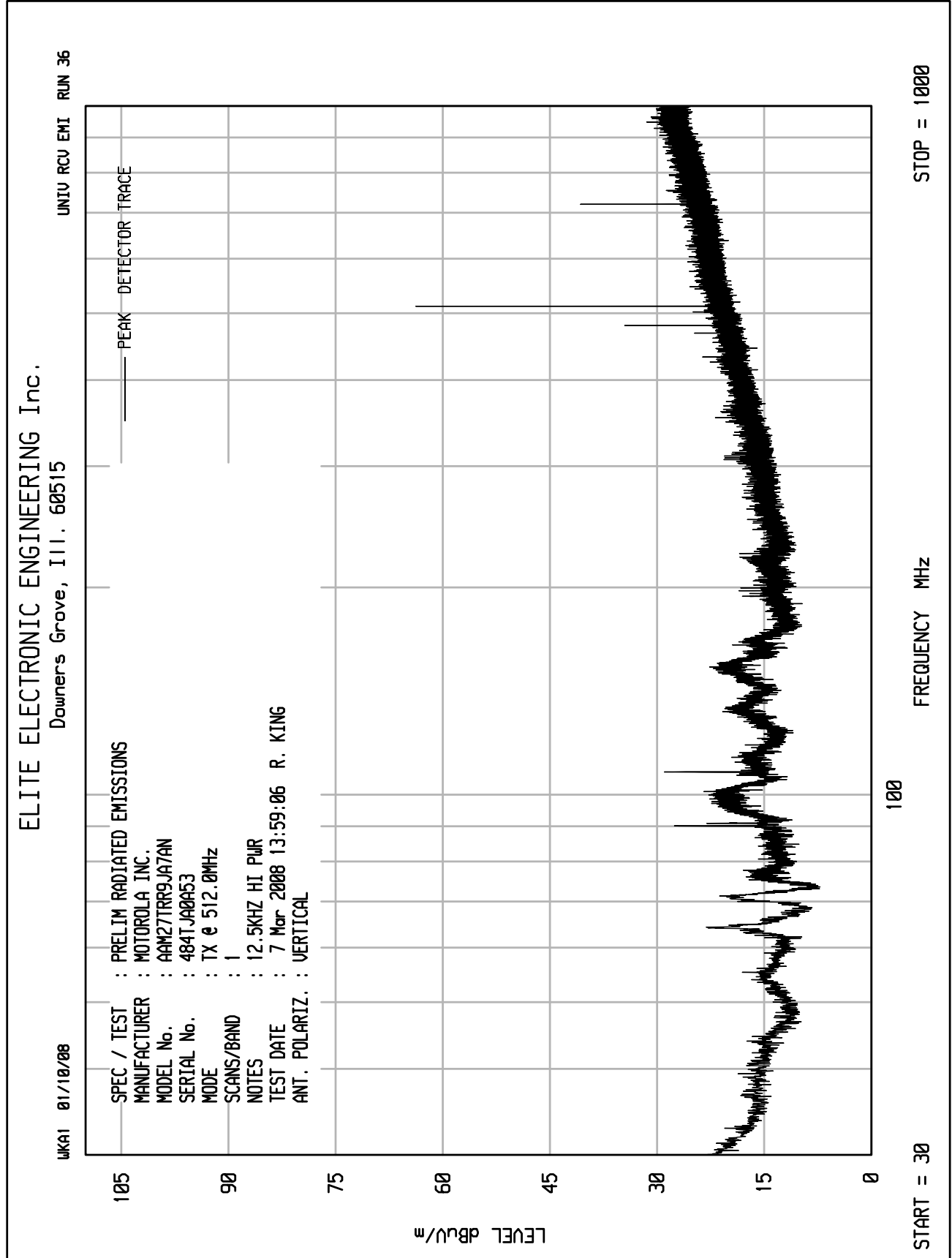


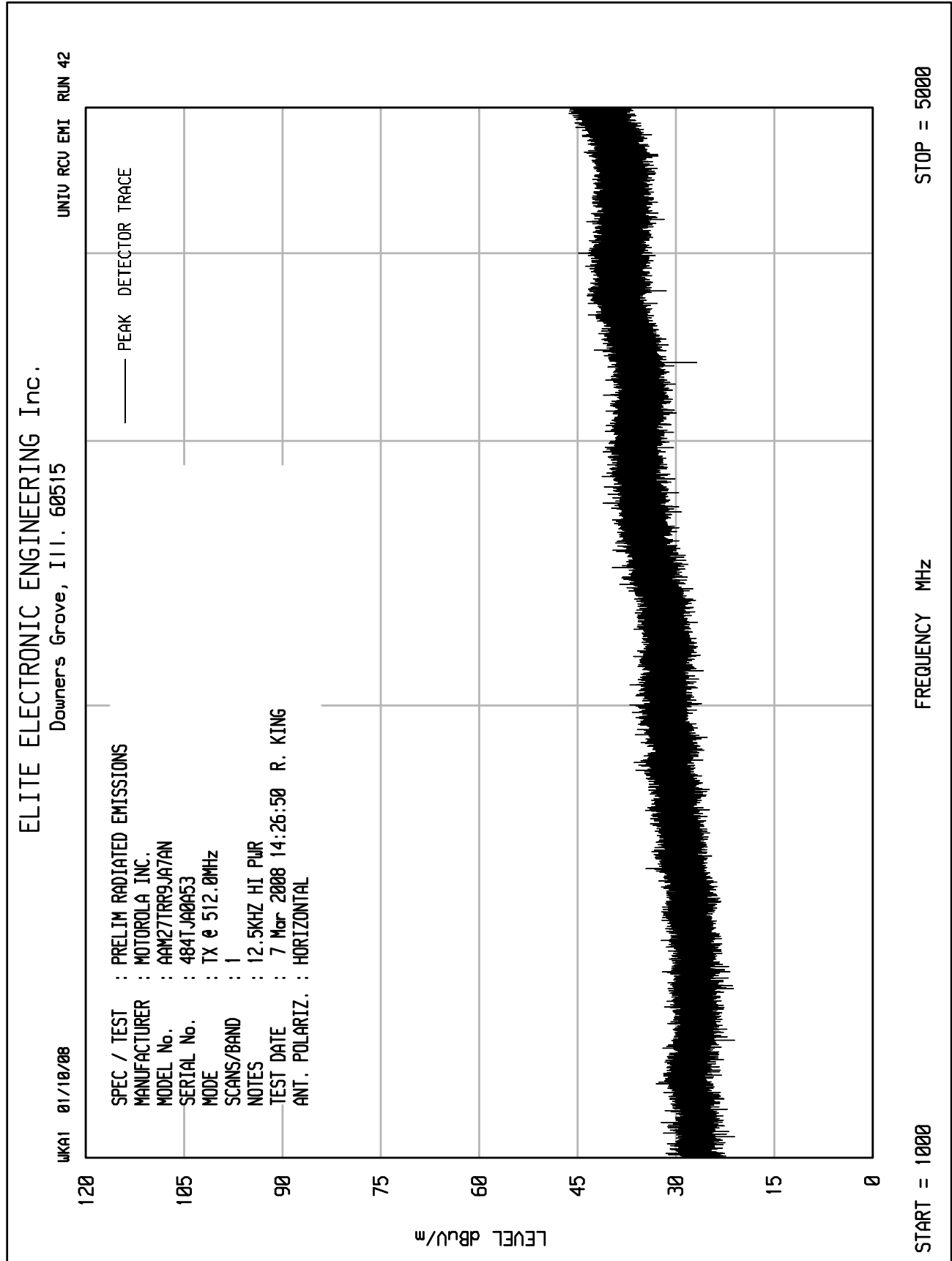


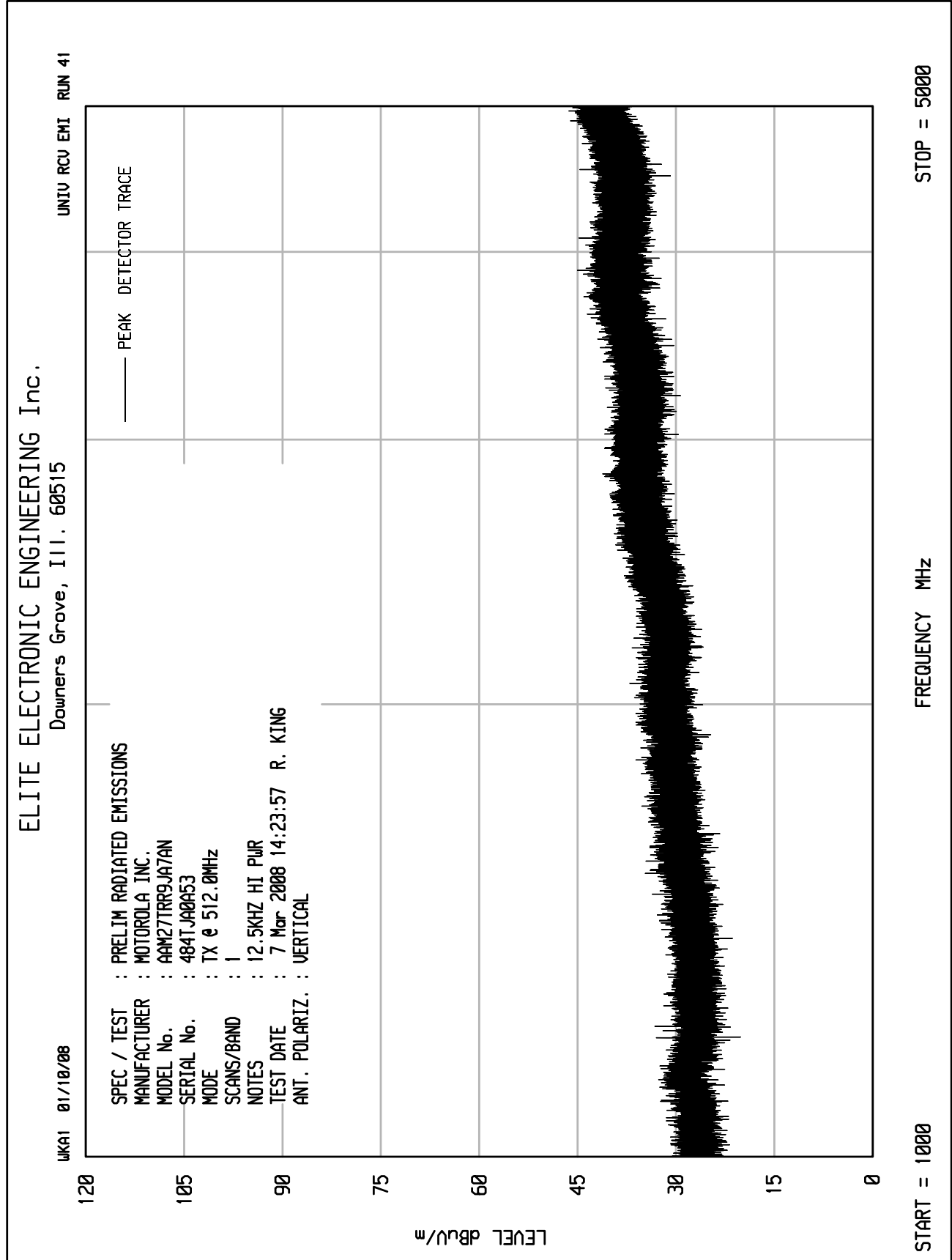


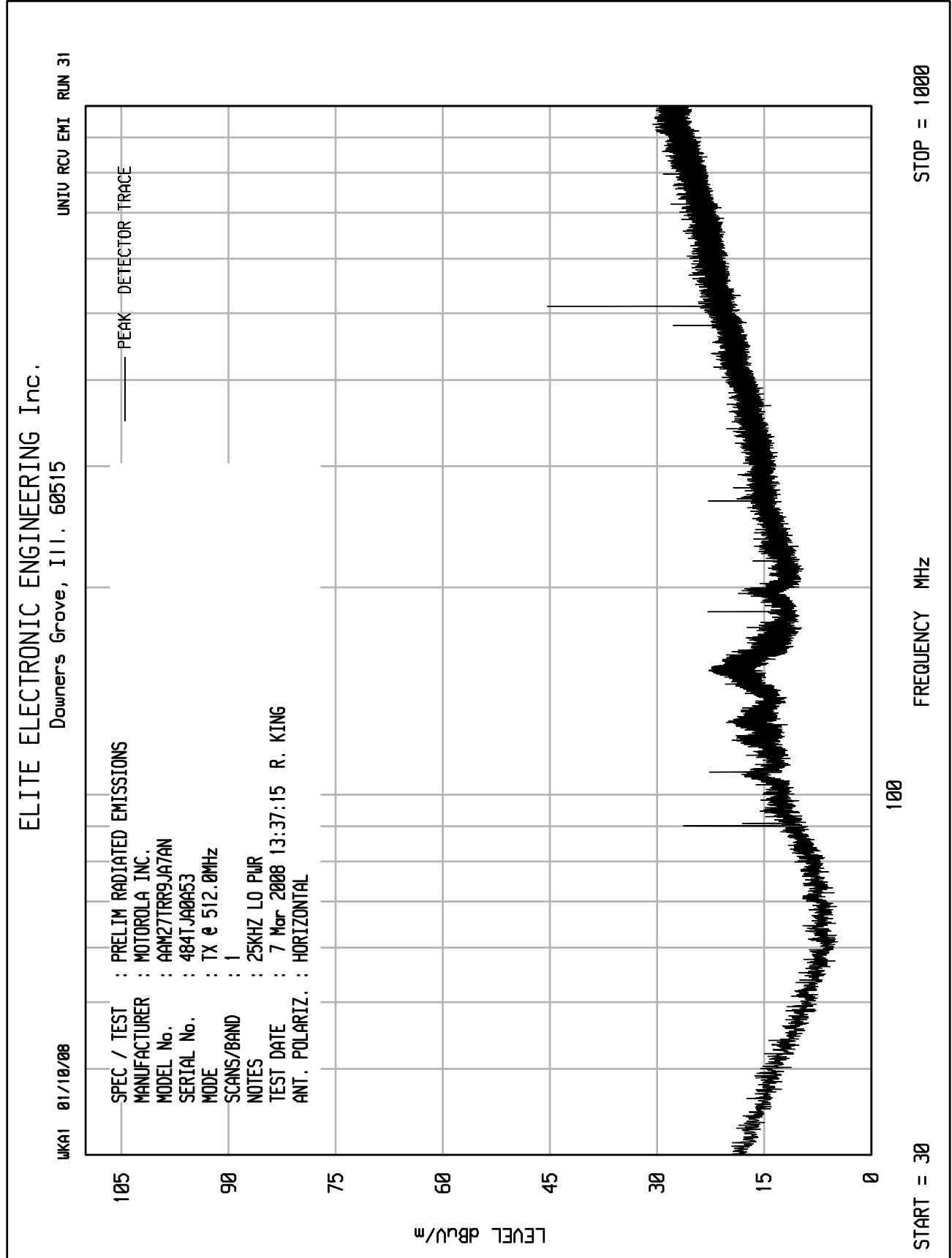


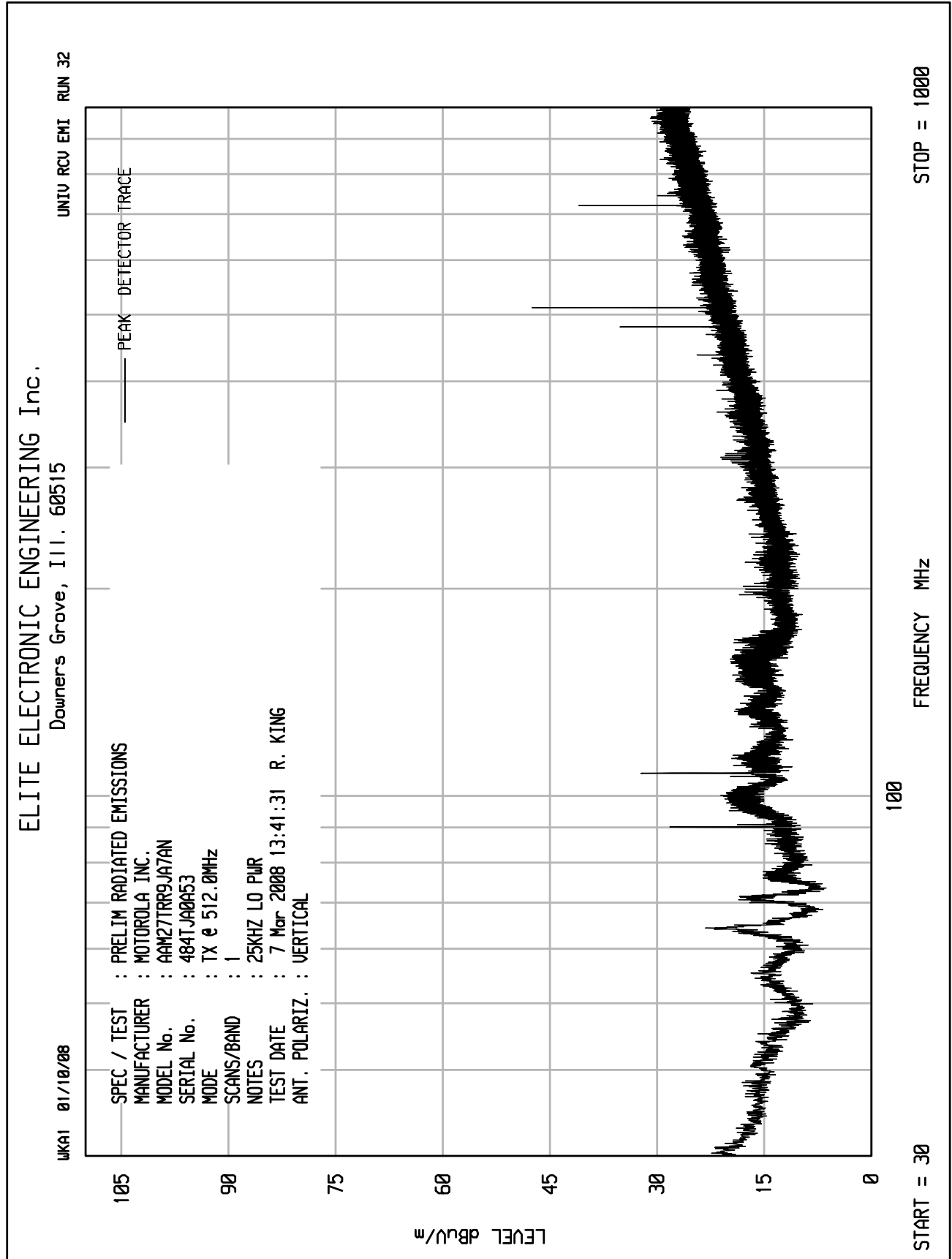


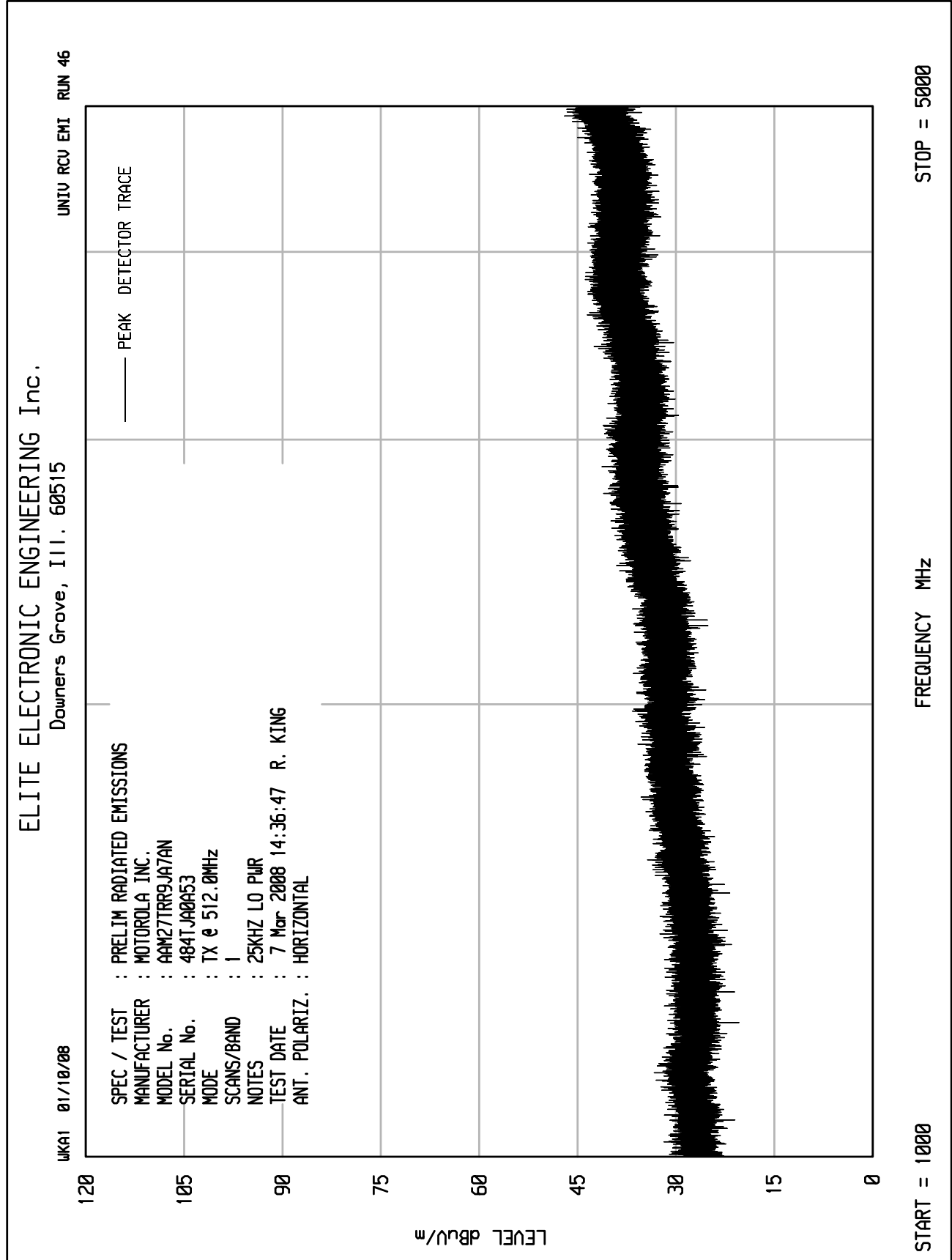


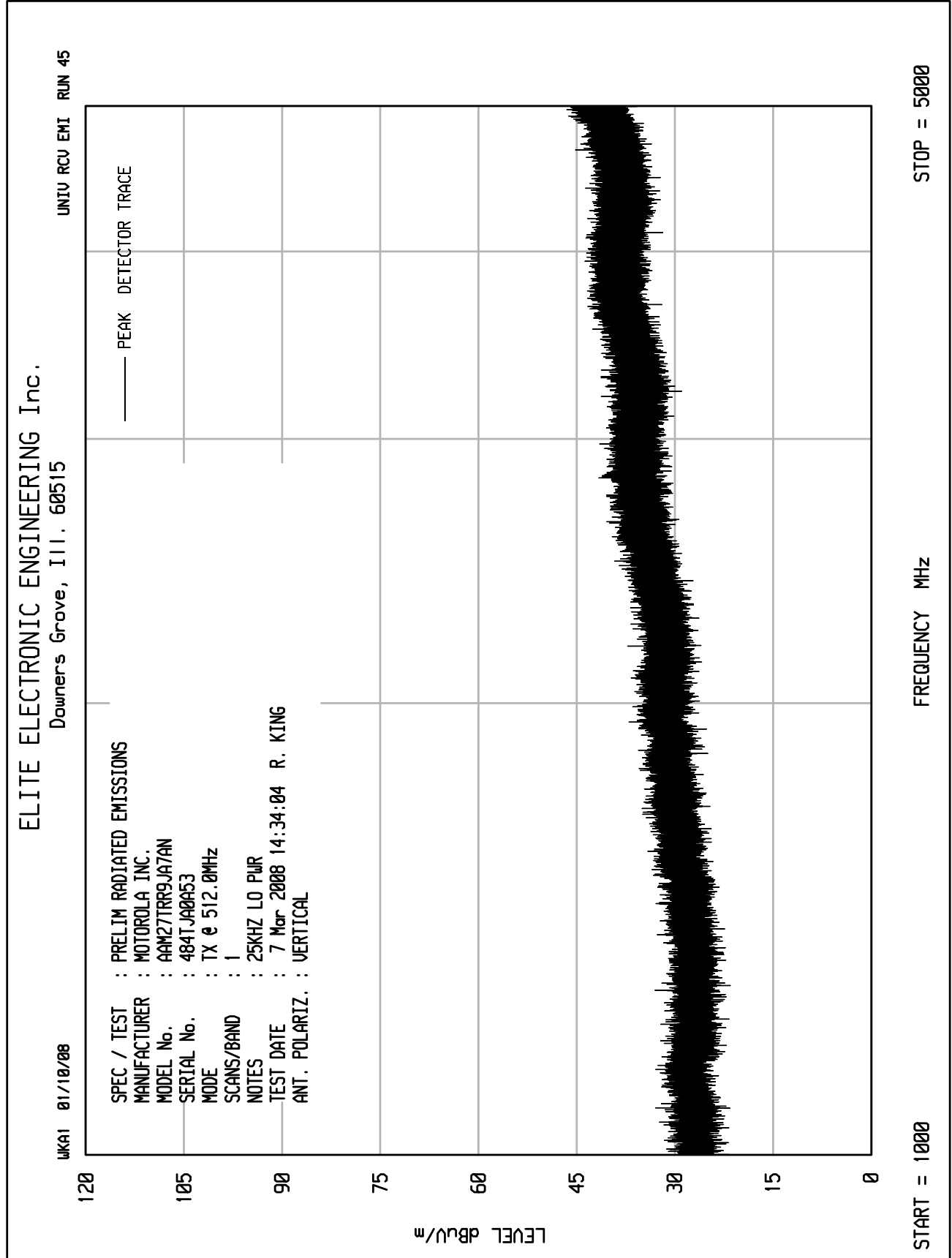


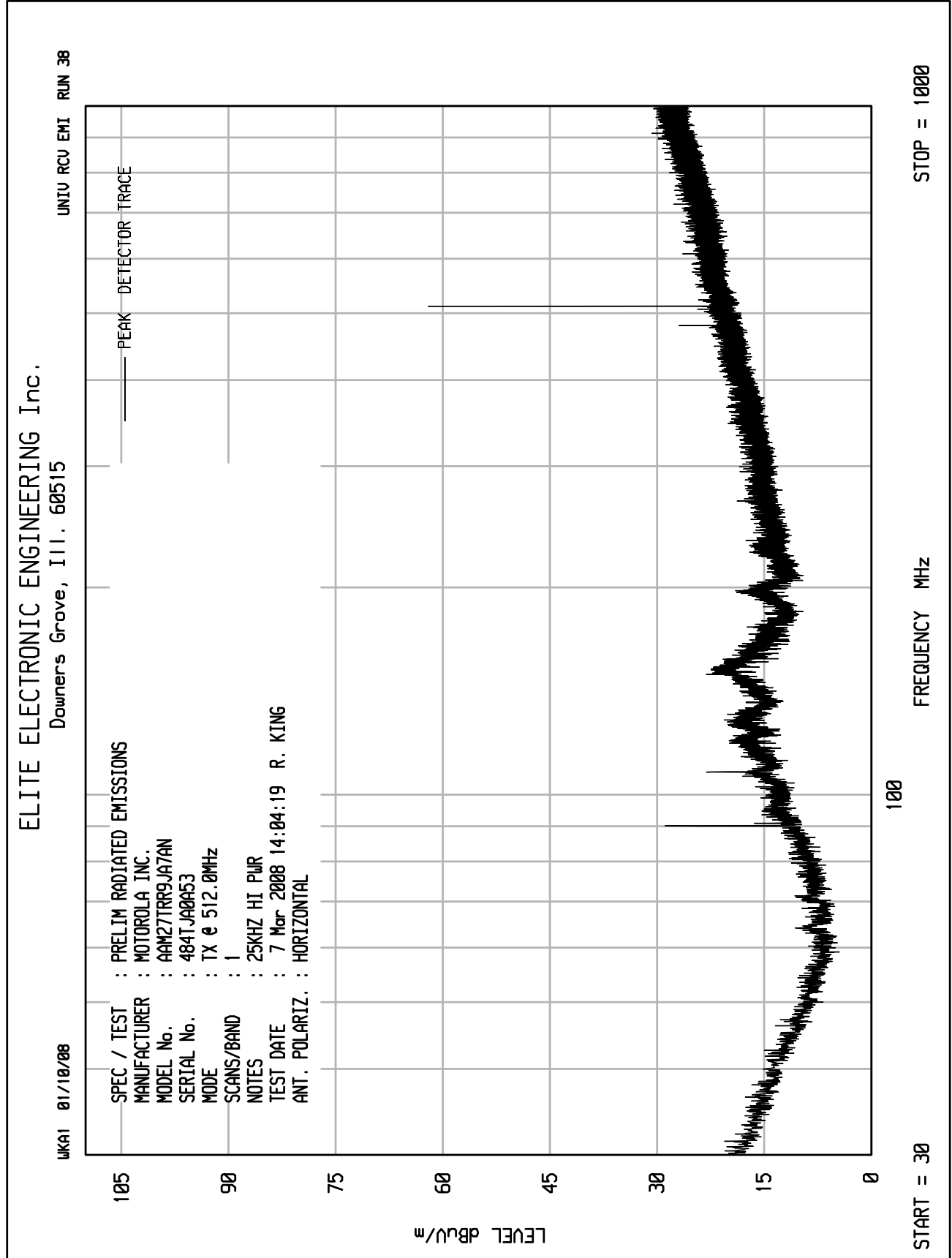


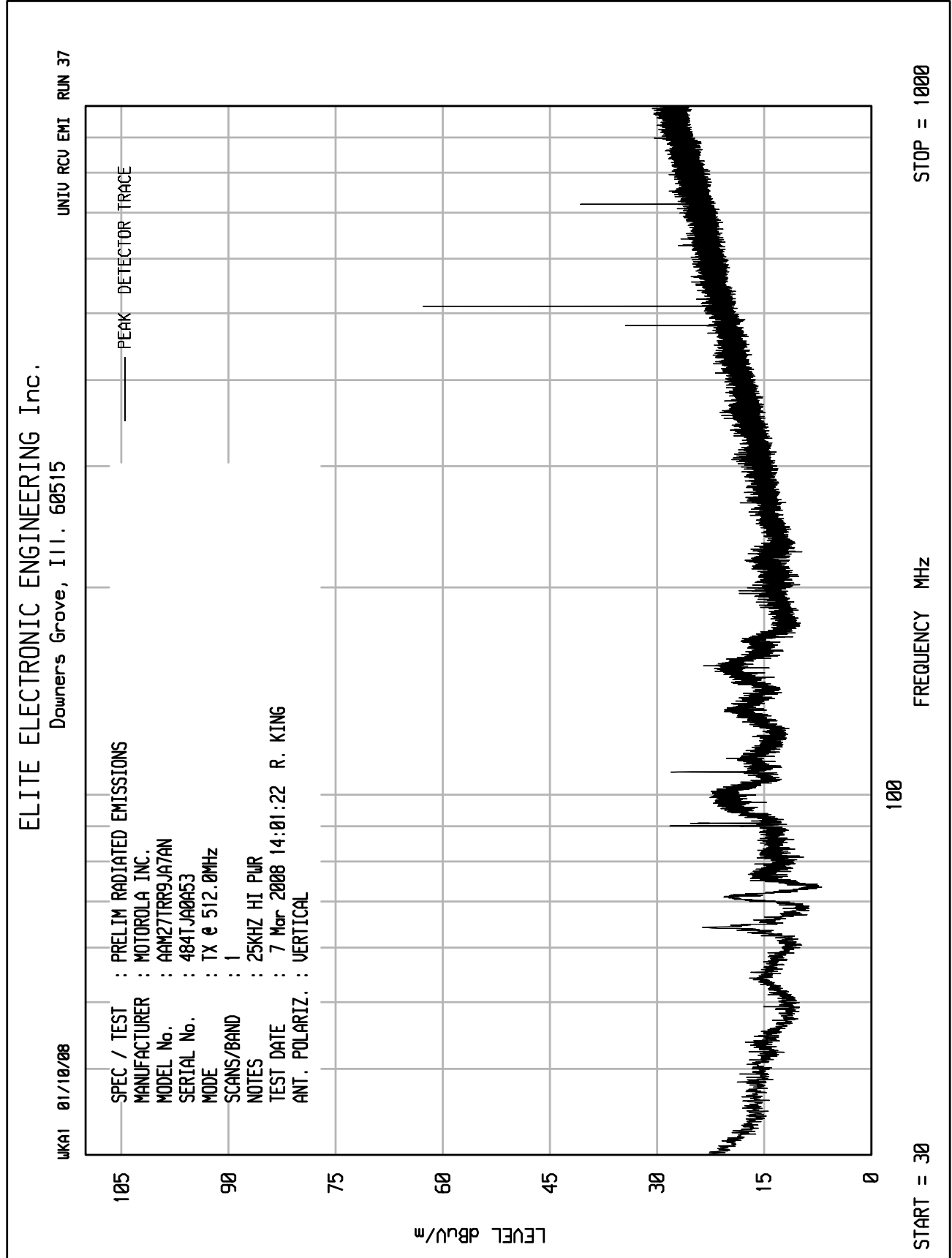


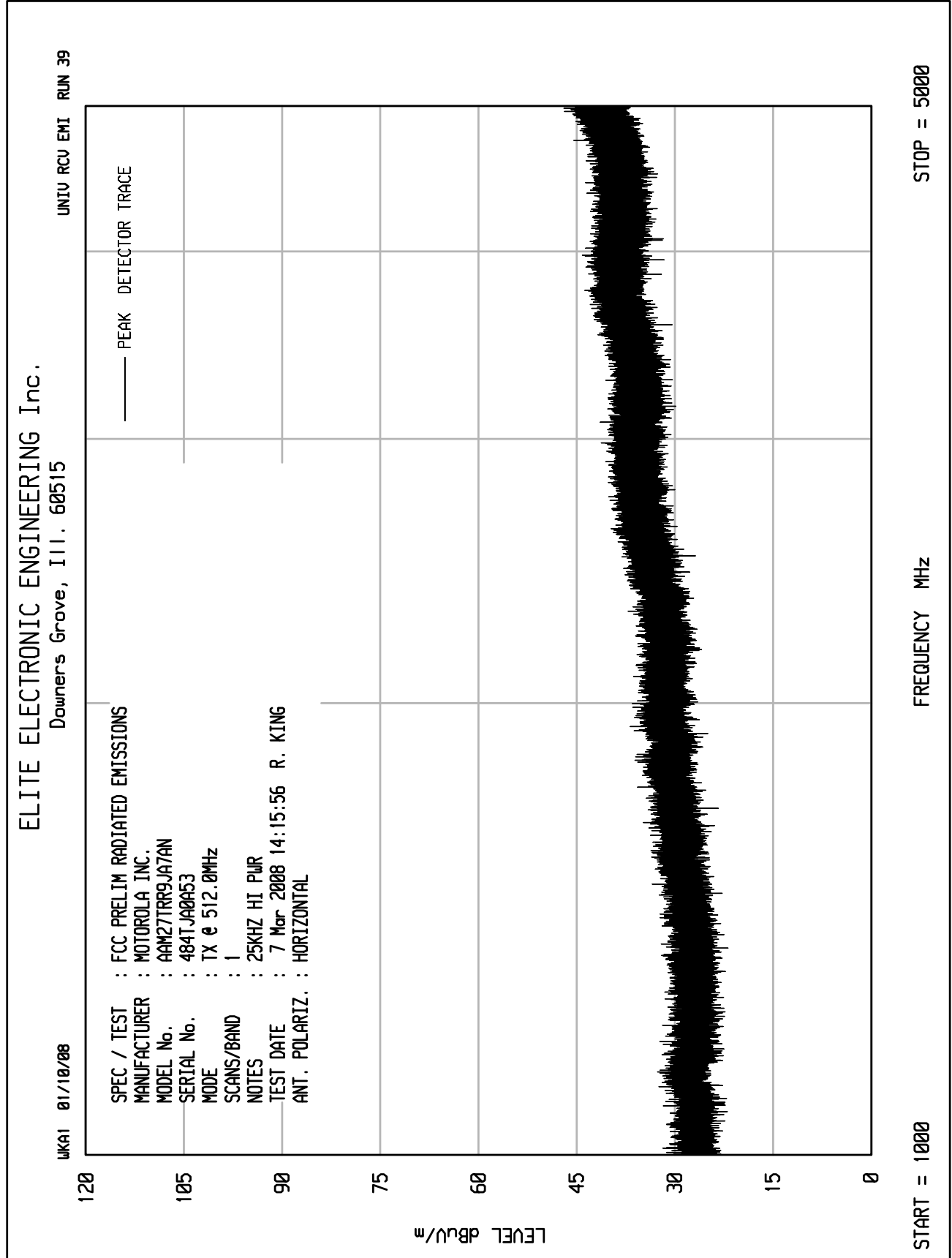


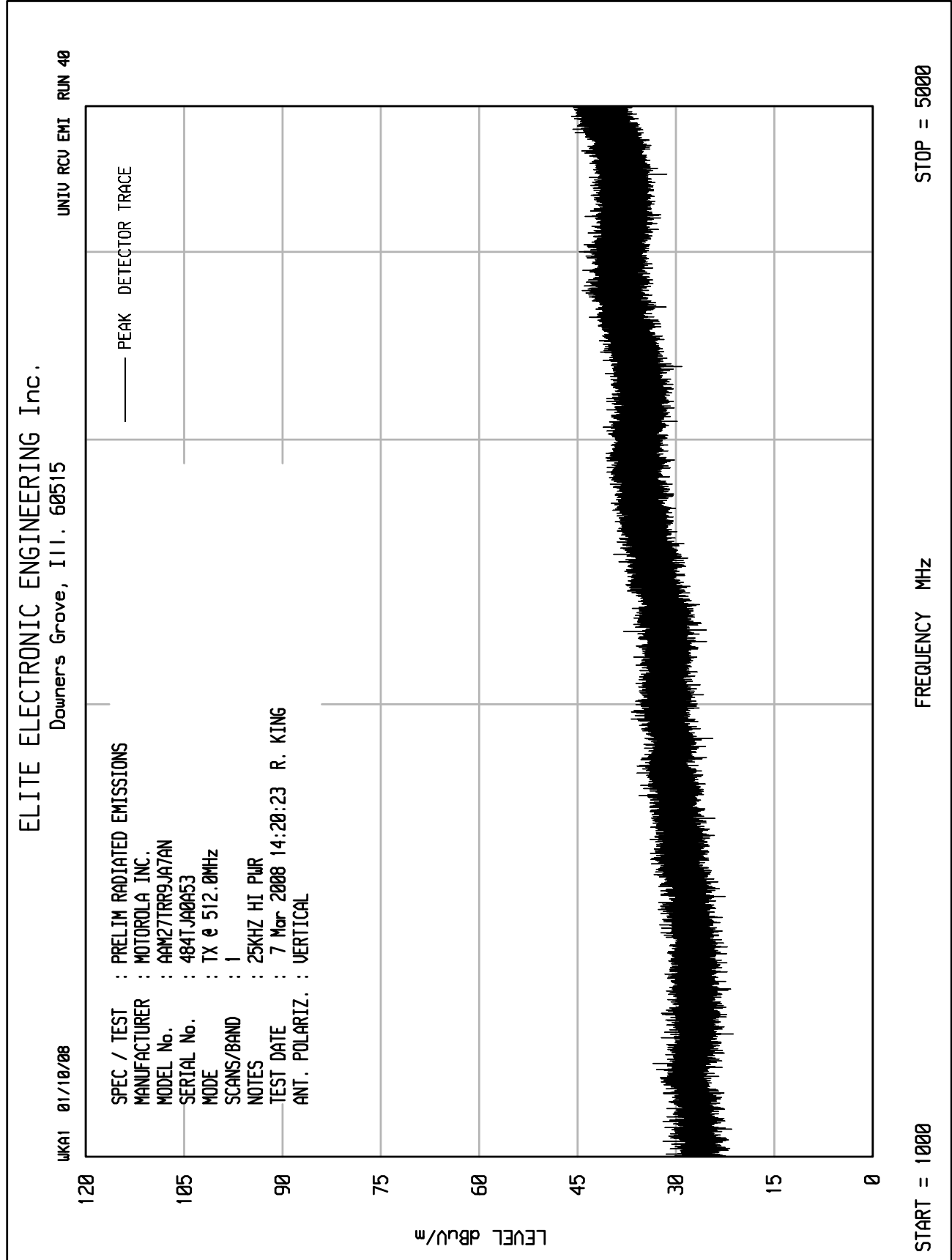














DATA PAGE

RADIATED QP EMISSION MEASUREMENTS in a 3 m SEMI-ANECHOIC ROOM

SPECIFICATION : FCC Radiated Emissions

MANUFACTURER : Motorola Inc.

MODEL : AAM27TRR9JA7AN

SERIAL NO. : 484TJA0A53

SPECIFICATION : Spurious Radiated Emissions 30MHz to 1GHz

DATE : March 6, 2008

TEST DISTANCE : 3 m (DATA EXTRAPOLATED TO 3 m)

FREQUENCY MHZ	QP READING dBuV	ANT FAC dB	CBL FAC dB	EXT ATTN dB	DIST FAC dB	TOTAL dBuV/m	QP LIMIT dBuV/m	AZ deg	ANT HT cm	POLAR
31.50	1.4	18.7	.4	0.0	0.0	20.4	40.0	135	120	V
57.73	4.5	7.1	.5	0.0	0.0	12.2	40.0	315	200	V
90.12	10.1	9.6	.5	0.0	0.0	20.1	43.5	-0	340	V
107.94	14.6	11.9	.6	0.0	0.0	27.1	43.5	135	200	V
142.65	4.4	11.8	.8	0.0	0.0	17.0	43.5	225	200	H
155.71	3.5	11.2	.8	0.0	0.0	15.5	43.5	-0	200	V
168.74	-4.3	10.6	.9	0.0	0.0	7.1	43.5	225	340	H
197.83	8.9	10.7	1.0	0.0	0.0	20.5	43.5	225	120	H
314.08	6.9	14.6	1.3	0.0	0.0	22.8	46.0	0	200	V
436.97	5.9	17.4	1.5	0.0	0.0	24.9	46.0	315	200	V
480.01	19.1	18.1	1.6	0.0	0.0	38.8	46.0	135	120	V
602.62	-5.8	19.8	1.7	0.0	0.0	15.8	46.0	225	200	V
720.00	19.9	21.0	1.8	0.0	0.0	42.7	46.0	-0	200	V

Checked BY RICHARD E. KING :

Richard E. King



DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 450 MHz
: 1 Watt, 12.5 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
900.0	H	8.7	-60.4	0.0	1.6	-62.0	92.0	50
900.0	V	6.3	-62.8	0.0	1.6	-64.4	94.4	50
1350.0	H	14.6	-55.7	5.0	1.9	-52.7	82.7	50
1350.0	V	14.0	-56.3	5.0	1.9	-53.3	83.3	50
1800.0	H	14.9	-53.8	5.7	2.3	-50.4	80.4	50
1800.0	V	15.0	-53.7	5.7	2.3	-50.3	80.3	50
2250.0	H	15.1	-51.7	6.0	2.6	-48.3	78.3	50
2250.0	V	14.6	-52.2	6.0	2.6	-48.8	78.8	50
2700.0	H	15.7	-49.4	6.2	3.0	-46.1	76.1	50
2700.0	V	15.2	-49.9	6.2	3.0	-46.6	76.6	50
3150.0	H	14.6	-48.4	6.4	3.3	-45.3	75.3	50
3150.0	V	14.3	-48.7	6.4	3.3	-45.6	75.6	50
3600.0	H	15.8	-45.2	6.8	3.5	-41.9	71.9	50
3600.0	V	15.8	-45.2	6.8	3.5	-41.9	71.9	50
4050.0	H	15.2	-45.2	7.2	3.7	-41.7	71.7	50
4050.0	V	15.2	-45.2	7.2	3.7	-41.7	71.7	50
4500.0	H	16.4	-45.4	8.3	3.8	-40.9	70.9	50
4500.0	V	16.3	-45.5	8.3	3.8	-41.0	71.0	50

Checked BY RICHARD E. KING :

Richard E. King



DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 450 MHz
: 1 Watt, 25 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
900.0	H	8.7	-60.4	0.0	1.6	-62.0	92.0	43
900.0	V	6.3	-62.8	0.0	1.6	-64.4	94.4	43
1350.0	H	14.6	-55.7	5.0	1.9	-52.7	82.7	43
1350.0	V	14.0	-56.3	5.0	1.9	-53.3	83.3	43
1800.0	H	14.9	-53.8	5.7	2.3	-50.4	80.4	43
1800.0	V	15.0	-53.7	5.7	2.3	-50.3	80.3	43
2250.0	H	15.1	-51.7	6.0	2.6	-48.3	78.3	43
2250.0	V	14.6	-52.2	6.0	2.6	-48.8	78.8	43
2700.0	H	15.7	-49.4	6.2	3.0	-46.1	76.1	43
2700.0	V	15.2	-49.9	6.2	3.0	-46.6	76.6	43
3150.0	H	14.6	-48.4	6.4	3.3	-45.3	75.3	43
3150.0	V	14.3	-48.7	6.4	3.3	-45.6	75.6	43
3600.0	H	15.8	-45.2	6.8	3.5	-41.9	71.9	43
3600.0	V	15.8	-45.2	6.8	3.5	-41.9	71.9	43
4050.0	H	15.2	-45.2	7.2	3.7	-41.7	71.7	43
4050.0	V	15.2	-45.2	7.2	3.7	-41.7	71.7	43
4500.0	H	16.4	-45.4	8.3	3.8	-40.9	70.9	43
4500.0	V	16.3	-45.5	8.3	3.8	-41.0	71.0	43

Checked BY RICHARD E. KING :

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 450 MHz
: 40 Watts, 12.5 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
900.0	H	8.8	-55.4	0.0	1.6	-56.9	102.9	67
900.0	V	6.7	-63.0	0.0	1.6	-64.5	110.5	67
1350.0	H	14.5	-55.8	5.0	1.9	-52.8	98.8	67
1350.0	V	13.9	-56.4	5.0	1.9	-53.4	99.4	67
1800.0	H	14.7	-54.0	5.7	2.3	-50.6	96.6	67
1800.0	V	15.1	-53.6	5.7	2.3	-50.2	96.2	67
2250.0	H	14.8	-52.0	6.0	2.6	-48.6	94.6	67
2250.0	V	14.7	-52.1	6.0	2.6	-48.7	94.7	67
2700.0	H	15.4	-49.7	6.2	3.0	-46.4	92.4	67
2700.0	V	15.2	-49.9	6.2	3.0	-46.6	92.6	67
3150.0	H	14.8	-48.2	6.4	3.3	-45.1	91.1	67
3150.0	V	14.4	-48.6	6.4	3.3	-45.5	91.5	67
3600.0	H	15.6	-45.4	6.8	3.5	-42.1	88.1	67
3600.0	V	15.6	-45.4	6.8	3.5	-42.1	88.1	67
4050.0	H	15.7	-44.7	7.2	3.7	-41.2	87.2	67
4050.0	V	15.4	-45.0	7.2	3.7	-41.5	87.5	67
4500.0	H	16.3	-45.5	8.3	3.8	-41.0	87.0	67
4500.0	V	15.9	-45.9	8.3	3.8	-41.4	87.4	67

Checked BY RICHARD E. KING :

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 450 MHz
: 40 Watts, 25 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
900.0	H	8.8	-55.4	0.0	1.6	-56.9	102.9	59
900.0	V	6.7	-63.0	0.0	1.6	-64.5	110.5	59
1350.0	H	14.5	-55.8	5.0	1.9	-52.8	98.8	59
1350.0	V	13.9	-56.4	5.0	1.9	-53.4	99.4	59
1800.0	H	14.7	-54.0	5.7	2.3	-50.6	96.6	59
1800.0	V	15.1	-53.6	5.7	2.3	-50.2	96.2	59
2250.0	H	14.8	-52.0	6.0	2.6	-48.6	94.6	59
2250.0	V	14.7	-52.1	6.0	2.6	-48.7	94.7	59
2700.0	H	15.4	-49.7	6.2	3.0	-46.4	92.4	59
2700.0	V	15.2	-49.9	6.2	3.0	-46.6	92.6	59
3150.0	H	14.8	-48.2	6.4	3.3	-45.1	91.1	59
3150.0	V	14.4	-48.6	6.4	3.3	-45.5	91.5	59
3600.0	H	15.6	-45.4	6.8	3.5	-42.1	88.1	59
3600.0	V	15.6	-45.4	6.8	3.5	-42.1	88.1	59
4050.0	H	15.7	-44.7	7.2	3.7	-41.2	87.2	59
4050.0	V	15.4	-45.0	7.2	3.7	-41.5	87.5	59
4500.0	H	16.3	-45.5	8.3	3.8	-41.0	87.0	59
4500.0	V	15.9	-45.9	8.3	3.8	-41.4	87.4	59

Checked BY RICHARD E. KING :

Richard E. King



DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2007
NOTES : Transmit at 481 MHz
: 1 Watt, 12.5 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
962.0	H	8.6	-54.8	0.0	1.6	-56.3	86.3	50
962.0	V	5.5	-63.3	0.0	1.6	-64.9	94.9	50
1443.0	H	14.8	-55.7	5.4	2.0	-52.3	82.3	50
1443.0	V	14.2	-56.3	5.4	2.0	-52.9	82.9	50
1924.0	H	14.7	-53.4	5.7	2.4	-50.0	80.0	50
1924.0	V	15.1	-53.0	5.7	2.4	-49.6	79.6	50
2405.0	H	14.9	-51.4	6.1	2.8	-48.0	78.0	50
2405.0	V	14.8	-51.5	6.1	2.8	-48.1	78.1	50
2886.0	H	15.5	-48.8	6.2	3.1	-45.7	75.7	50
2886.0	V	15.3	-48.9	6.2	3.1	-45.8	75.8	50
3367.0	H	14.7	-47.2	6.6	3.4	-44.0	74.0	50
3367.0	V	14.4	-47.4	6.6	3.4	-44.2	74.2	50
3848.0	H	15.2	-45.3	6.9	3.6	-42.0	72.0	50
3848.0	V	15.2	-45.3	6.9	3.6	-42.0	72.0	50
4329.0	H	15.8	-45.5	7.9	3.8	-41.4	71.4	50
4329.0	V	15.5	-45.8	7.9	3.8	-41.7	71.7	50
4810.0	H	16.5	-43.8	8.0	3.9	-39.8	69.8	50
4810.0	V	16.2	-44.1	8.0	3.9	-40.1	70.1	50

Checked BY RICHARD E. KING :

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 481 MHz
: 1 Watt, 25 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
962.0	H	8.6	-54.8	0.0	1.6	-56.3	86.3	43
962.0	V	5.5	-63.3	0.0	1.6	-64.9	94.9	43
1443.0	H	14.8	-55.7	5.4	2.0	-52.3	82.3	43
1443.0	V	14.2	-56.3	5.4	2.0	-52.9	82.9	43
1924.0	H	14.7	-53.4	5.7	2.4	-50.0	80.0	43
1924.0	V	15.1	-53.0	5.7	2.4	-49.6	79.6	43
2405.0	H	14.9	-51.4	6.1	2.8	-48.0	78.0	43
2405.0	V	14.8	-51.5	6.1	2.8	-48.1	78.1	43
2886.0	H	15.5	-48.8	6.2	3.1	-45.7	75.7	43
2886.0	V	15.3	-48.9	6.2	3.1	-45.8	75.8	43
3367.0	H	14.7	-47.2	6.6	3.4	-44.0	74.0	43
3367.0	V	14.4	-47.4	6.6	3.4	-44.2	74.2	43
3848.0	H	15.2	-45.3	6.9	3.6	-42.0	72.0	43
3848.0	V	15.2	-45.3	6.9	3.6	-42.0	72.0	43
4329.0	H	15.8	-45.5	7.9	3.8	-41.4	71.4	43
4329.0	V	15.5	-45.8	7.9	3.8	-41.7	71.7	43
4810.0	H	16.5	-43.8	8.0	3.9	-39.8	69.8	43
4810.0	V	16.2	-44.1	8.0	3.9	-40.1	70.1	43

Checked BY RICHARD E. KING :

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 481 MHz
: 40 Watts, 12.5 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
962.0	H	8.6	-54.3	0.0	1.6	-55.9	101.9	67
962.0	V	5.5	-62.1	0.0	1.6	-63.6	109.6	67
1443.0	H	14.8	-55.8	5.4	2.0	-52.4	98.4	67
1443.0	V	14.2	-56.2	5.4	2.0	-52.8	98.8	67
1924.0	H	14.7	-53.3	5.7	2.4	-50.0	96.0	67
1924.0	V	15.1	-52.8	5.7	2.4	-49.5	95.5	67
2405.0	H	14.9	-51.3	6.1	2.8	-47.9	93.9	67
2405.0	V	14.8	-51.4	6.1	2.8	-48.0	94.0	67
2886.0	H	15.5	-48.7	6.2	3.1	-45.6	91.6	67
2886.0	V	15.3	-49.0	6.2	3.1	-45.9	91.9	67
3367.0	H	14.7	-47.3	6.6	3.4	-44.1	90.1	67
3367.0	V	14.4	-47.5	6.6	3.4	-44.3	90.3	67
3848.0	H	15.2	-45.4	6.9	3.6	-42.0	88.0	67
3848.0	V	15.2	-45.2	6.9	3.6	-41.8	87.8	67
4329.0	H	15.8	-45.6	7.9	3.8	-41.4	87.4	67
4329.0	V	15.5	-45.7	7.9	3.8	-41.5	87.5	67
4810.0	H	16.5	-43.9	8.0	3.9	-39.9	85.9	67
4810.0	V	16.2	-44.0	8.0	3.9	-40.0	86.0	67

Checked BY RICHARD E. KING :

Richard E. King



DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 481 MHz
: 40 Watts, 25 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
962.0	H	8.6	-54.3	0.0	1.6	-55.9	101.9	59
962.0	V	5.5	-62.1	0.0	1.6	-63.6	109.6	59
1443.0	H	14.8	-55.8	5.4	2.0	-52.4	98.4	59
1443.0	V	14.2	-56.2	5.4	2.0	-52.8	98.8	59
1924.0	H	14.7	-53.3	5.7	2.4	-50.0	96.0	59
1924.0	V	15.1	-52.8	5.7	2.4	-49.5	95.5	59
2405.0	H	14.9	-51.3	6.1	2.8	-47.9	93.9	59
2405.0	V	14.8	-51.4	6.1	2.8	-48.0	94.0	59
2886.0	H	15.5	-48.7	6.2	3.1	-45.6	91.6	59
2886.0	V	15.3	-49.0	6.2	3.1	-45.9	91.9	59
3367.0	H	14.7	-47.3	6.6	3.4	-44.1	90.1	59
3367.0	V	14.4	-47.5	6.6	3.4	-44.3	90.3	59
3848.0	H	15.2	-45.4	6.9	3.6	-42.0	88.0	59
3848.0	V	15.2	-45.2	6.9	3.6	-41.8	87.8	59
4329.0	H	15.8	-45.6	7.9	3.8	-41.4	87.4	59
4329.0	V	15.5	-45.7	7.9	3.8	-41.5	87.5	59
4810.0	H	16.5	-43.9	8.0	3.9	-39.9	85.9	59
4810.0	V	16.2	-44.0	8.0	3.9	-40.0	86.0	59

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 512 MHz
: 1 Watt, 12.5 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
1024.0	H	14.4	-55.4	3.3	1.6	-53.7	83.7	50
1024.0	V	14.0	-55.8	3.3	1.6	-54.1	84.1	50
1536.0	H	14.3	-56.0	5.7	2.1	-52.4	82.4	50
1536.0	V	14.0	-56.3	5.7	2.1	-52.7	82.7	50
2048.0	H	15.2	-52.3	5.8	2.4	-48.9	78.9	50
2048.0	V	15.2	-52.3	5.8	2.4	-48.9	78.9	50
2560.0	H	14.9	-50.8	6.2	2.9	-47.5	77.5	50
2560.0	V	15.2	-50.5	6.2	2.9	-47.2	77.2	50
3072.0	H	15.1	-48.3	6.3	3.2	-45.3	75.3	50
3072.0	V	15.2	-48.2	6.3	3.2	-45.1	75.1	50
3584.0	H	14.9	-46.1	6.8	3.5	-42.8	72.8	50
3584.0	V	14.9	-46.1	6.8	3.5	-42.8	72.8	50
4096.0	H	15.5	-45.1	7.3	3.7	-41.5	71.5	50
4096.0	V	14.9	-45.6	7.3	3.7	-42.0	72.0	50
4608.0	H	15.8	-45.5	8.2	3.9	-41.1	71.1	50
4608.0	V	15.1	-46.2	8.2	3.9	-41.9	71.9	50
5120.0	H	16.5	-42.0	7.2	4.1	-38.9	68.9	50
5120.0	V	16.3	-42.2	7.2	4.1	-39.0	69.0	50

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 512 MHz
: 1 Watt, 25 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
1024.0	H	14.4	-55.4	3.3	1.6	-53.7	83.7	43
1024.0	V	14.0	-55.8	3.3	1.6	-54.1	84.1	43
1536.0	H	14.3	-56.0	5.7	2.1	-52.4	82.4	43
1536.0	V	14.0	-56.3	5.7	2.1	-52.7	82.7	43
2048.0	H	15.2	-52.3	5.8	2.4	-48.9	78.9	43
2048.0	V	15.2	-52.3	5.8	2.4	-48.9	78.9	43
2560.0	H	14.9	-50.8	6.2	2.9	-47.5	77.5	43
2560.0	V	15.2	-50.5	6.2	2.9	-47.2	77.2	43
3072.0	H	15.1	-48.3	6.3	3.2	-45.3	75.3	43
3072.0	V	15.2	-48.2	6.3	3.2	-45.1	75.1	43
3584.0	H	14.9	-46.1	6.8	3.5	-42.8	72.8	43
3584.0	V	14.9	-46.1	6.8	3.5	-42.8	72.8	43
4096.0	H	15.5	-45.1	7.3	3.7	-41.5	71.5	43
4096.0	V	14.9	-45.6	7.3	3.7	-42.0	72.0	43
4608.0	H	15.8	-45.5	8.2	3.9	-41.1	71.1	43
4608.0	V	15.1	-46.2	8.2	3.9	-41.9	71.9	43
5120.0	H	16.5	-42.0	7.2	4.1	-38.9	68.9	43
5120.0	V	16.3	-42.2	7.2	4.1	-39.0	69.0	43

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 512 MHz
: 40 Watts, 12.5 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
1024.0	H	13.4	-56.4	3.3	1.6	-54.8	100.8	67
1024.0	V	14.4	-55.4	3.3	1.6	-53.7	99.7	67
1536.0	H	13.4	-56.9	5.7	2.1	-53.4	99.4	67
1536.0	V	14.4	-55.9	5.7	2.1	-52.3	98.3	67
2048.0	H	14.9	-52.5	5.8	2.4	-49.2	95.2	67
2048.0	V	15.3	-52.1	5.8	2.4	-48.8	94.8	67
2560.0	H	15.2	-50.5	6.2	2.9	-47.2	93.2	67
2560.0	V	15.5	-50.3	6.2	2.9	-46.9	92.9	67
3072.0	H	15.1	-48.3	6.3	3.2	-45.3	91.3	67
3072.0	V	15.1	-48.3	6.3	3.2	-45.3	91.3	67
3584.0	H	15.2	-45.8	6.8	3.5	-42.5	88.5	67
3584.0	V	15.2	-45.8	6.8	3.5	-42.5	88.5	67
4096.0	H	14.8	-45.7	7.3	3.7	-42.1	88.1	67
4096.0	V	16.0	-44.5	7.3	3.7	-40.9	86.9	67
4608.0	H	15.3	-45.9	8.2	3.9	-41.6	87.6	67
4608.0	V	15.7	-45.6	8.2	3.9	-41.2	87.2	67
5120.0	H	15.3	-43.2	7.2	4.1	-40.0	86.0	67
5120.0	V	15.5	-43.0	7.2	4.1	-39.9	85.9	67

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 512 MHz
: 40 Watts, 25 kHz channel spacing

Freq. MHz	Ant Pol	Mtr Rdg (dBuV)	Matched Sig Gen (dBm)	equil ant gain	CBL Loss (dB)	Total (dBm)	Attn	min attn
1024.0	H	13.4	-56.4	3.3	1.6	-54.8	100.8	59
1024.0	V	14.4	-55.4	3.3	1.6	-53.7	99.7	59
1536.0	H	13.4	-56.9	5.7	2.1	-53.4	99.4	59
1536.0	V	14.4	-55.9	5.7	2.1	-52.3	98.3	59
2048.0	H	14.9	-52.5	5.8	2.4	-49.2	95.2	59
2048.0	V	15.3	-52.1	5.8	2.4	-48.8	94.8	59
2560.0	H	15.2	-50.5	6.2	2.9	-47.2	93.2	59
2560.0	V	15.5	-50.3	6.2	2.9	-46.9	92.9	59
3072.0	H	15.1	-48.3	6.3	3.2	-45.3	91.3	59
3072.0	V	15.1	-48.3	6.3	3.2	-45.3	91.3	59
3584.0	H	15.2	-45.8	6.8	3.5	-42.5	88.5	59
3584.0	V	15.2	-45.8	6.8	3.5	-42.5	88.5	59
4096.0	H	14.8	-45.7	7.3	3.7	-42.1	88.1	59
4096.0	V	16.0	-44.5	7.3	3.7	-40.9	86.9	59
4608.0	H	15.3	-45.9	8.2	3.9	-41.6	87.6	59
4608.0	V	15.7	-45.6	8.2	3.9	-41.2	87.2	59
5120.0	H	15.3	-43.2	7.2	4.1	-40.0	86.0	59
5120.0	V	15.5	-43.0	7.2	4.1	-39.9	85.9	59

Checked BY RICHARD E. KING :

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DATA PAGE

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Spurious Radiated Emissions
DATE : March 4, 2008
NOTES : Transmit at 481 MHz
: 1 Watt, 25 kHz channel spacing

Temperature °C	Measured Frequency Hz	Frequency Error Hz	Limit Hz
+23	481000080		
-30	481000052	28	721
-20	480999982	98	721
-10	481000082	2	721
0	481000099	19	721
+10	481000119	39	721
+20	481000112	12	721
+30	481000034	46	721
+40	480999906	174	721
+50	480999894	182	721

Limit = 1.5ppm = 481000080Hz * 1.5ppm = 721Hz

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DATA PAGE

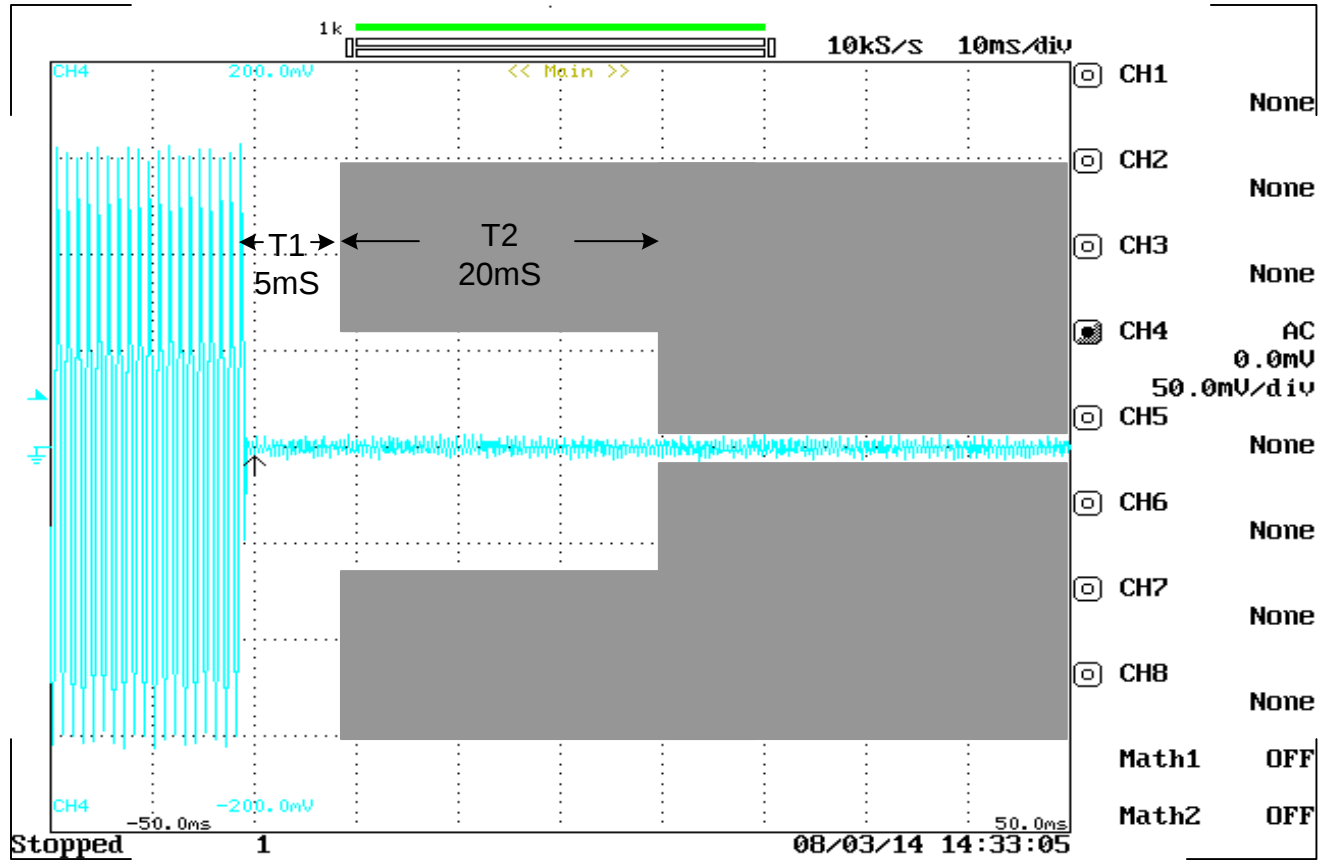
MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
SPECIFICATION : FCC-90 Frequency Stability Measurements
DATE : March 6, 2007
NOTES : Transmit at 450 MHz
: 25 Watts, 25 kHz channel spacing

Voltage VAC		Measured Frequency Hz	Frequency Error Hz	Limit Hz
Nominal	120	481000080		
85%	102	481000112	32	721
115%	138	481000035	-45	721

Limit = 1.5ppm = 481000080Hz * 1.5ppm = 721Hz

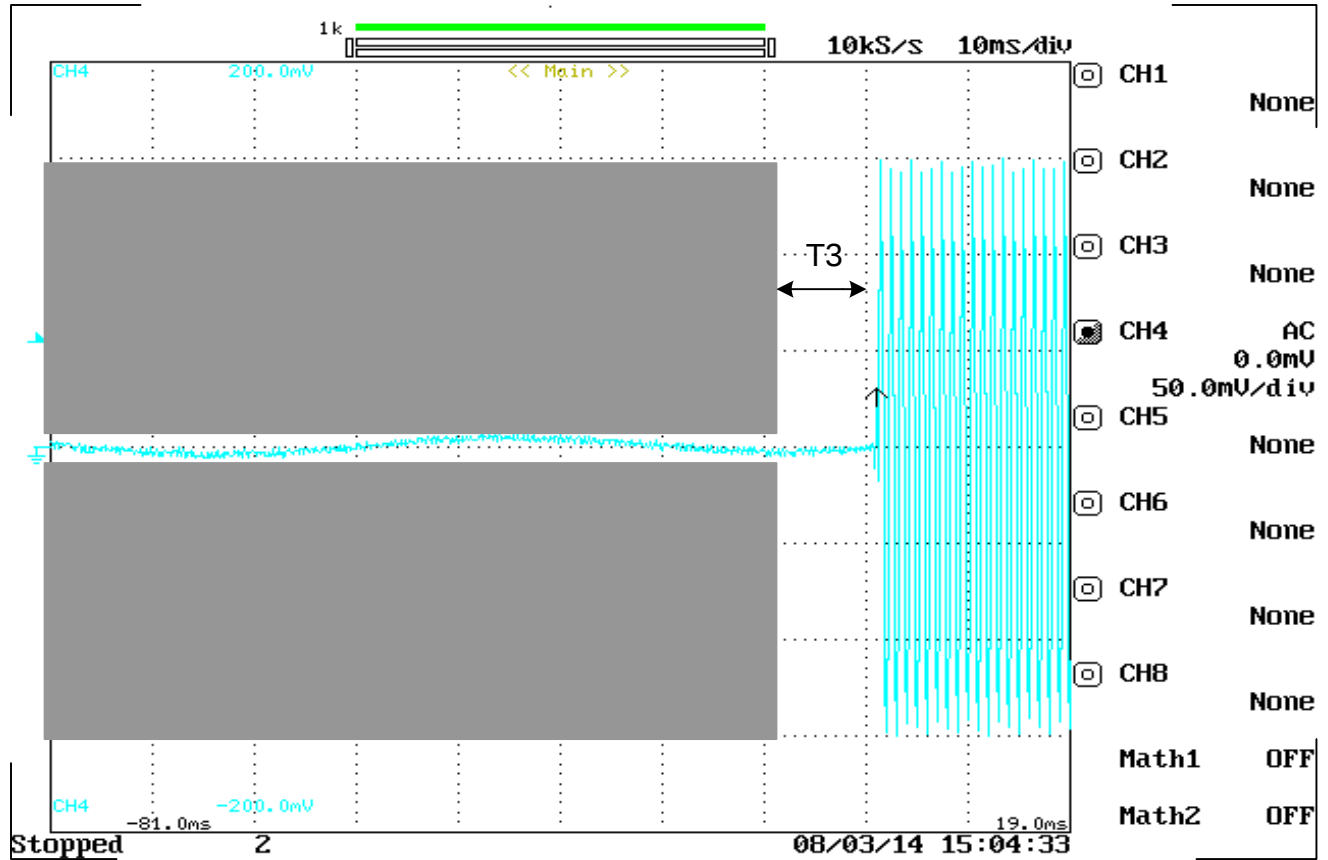
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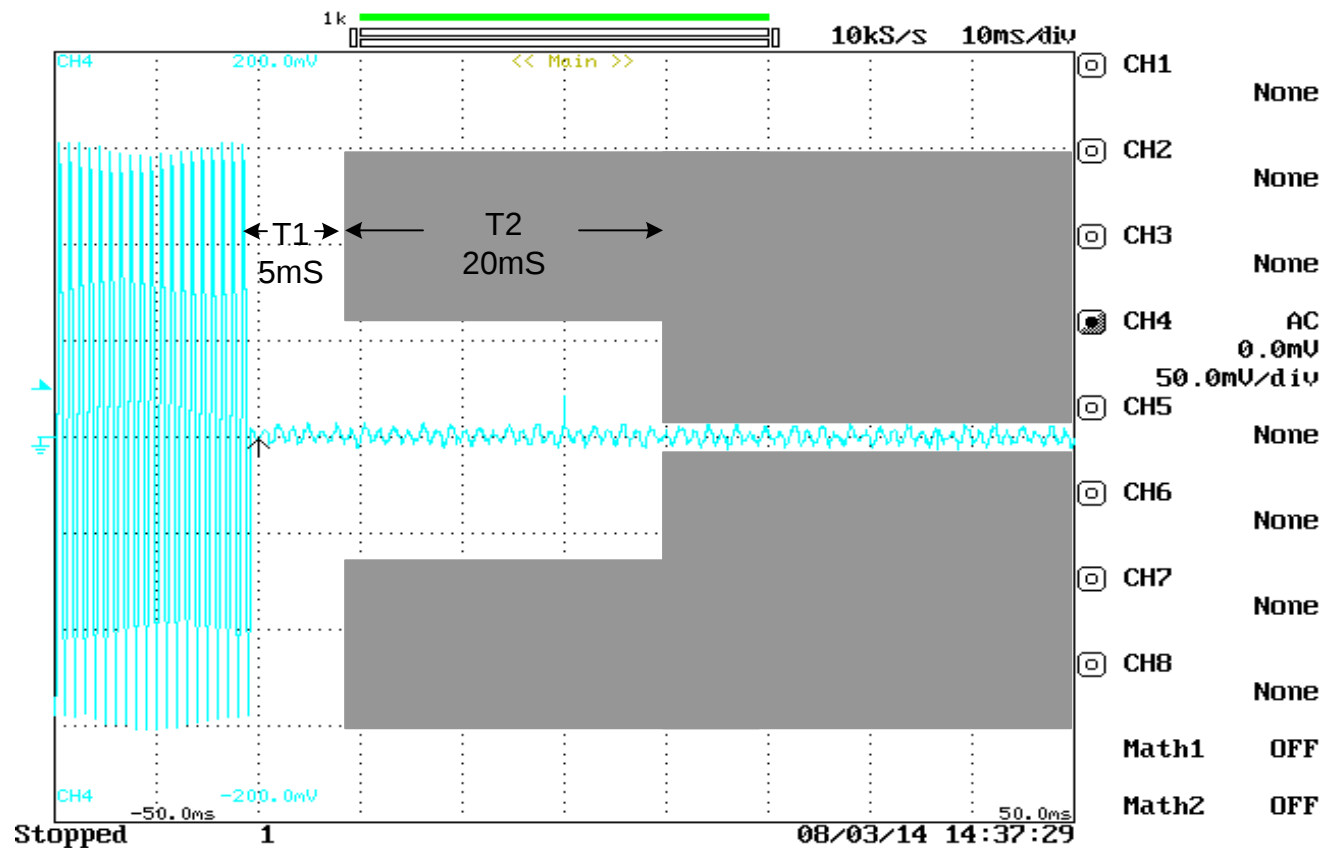
FCC 90 Transient Frequency Behavior

MANUFACTURER : Motorola Inc.
 MODEL : AAM27TRR9JA7AN
 SERIAL NO. : 484TJA0A53
 TEST MODE : Transmit
 FREQUENCY : 460MHz
 CHANNEL SPACING : 12.5kHz
 NOTE : ON Condition
 : t1 = 5 mS, t2 = 20 mS



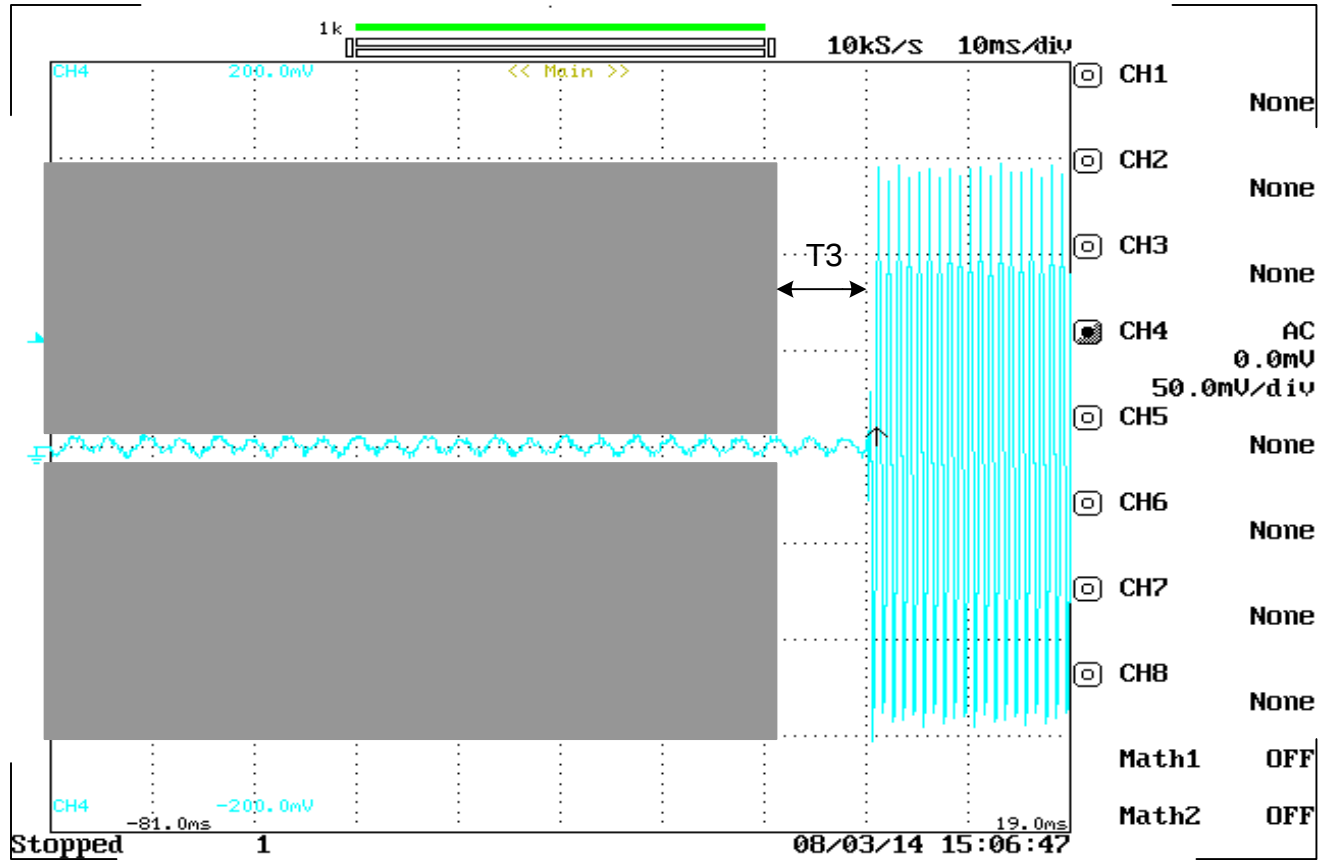
FCC 90 Transient Frequency Behavior

MANUFACTURER : Motorola Inc.
 MODEL : AAM27TRR9JA7AN
 SERIAL NO. : 484TJA0A53
 TEST MODE : Transmit
 FREQUENCY : 460MHz
 CHANNEL SPACING : 12.5kHz
 NOTE : OFF Condition
 : t3 = 5 mS



FCC 90 Transient Frequency Behavior

MANUFACTURER : Motorola Inc.
MODEL : AAM27TRR9JA7AN
SERIAL NO. : 484TJA0A53
TEST MODE : Transmit
FREQUENCY : 460MHz
CHANNEL SPACING : 25kHz
NOTE : ON Condition
: t1 = 5 mS, t2 = 20 mS



FCC 90 Transient Frequency Behavior

MANUFACTURER : Motorola Inc.
 MODEL : AAM27TRR9JA7AN
 SERIAL NO. : 484TJA0A53
 TEST MODE : Transmit
 FREQUENCY : 460MHz
 CHANNEL SPACING : 25kHz
 NOTE : OFF Condition
 : t3 = 5 mS