



**TEST DATA OF A
INTENTIONAL RADIATOR**

Per

**Part 15 Subpart C
CFR 47, Section 15.231 paragraph (a)**

EUT: AirClick

PREPARED FOR APPLICANT:

Griffin Technology
1619 Elm Hill Pike
Nashville, TN 37210

REPORT # 56050AF

TEST COMPLETION DATE: January 13, 2005



NVLAP Lab Code 200634-0



Prepared By:
DNB ENGINEERING, INC.
1100 East Chalk Creek Rd.
Coalville, Utah 84017
Tel: 1(435) 336-4433

1.1 Test Results of Fundamental Frequency (433.9.0 MHz)

56050a Boarderwatch P214.xls(4/99)

DNB Engineering, Inc.

Page 1

RADIATED EMISSIONS
International 30-1000 MHz Based on (CISPR 22, ANSI C63.4, CISPR 11, GR-1089-CORE Issue 3)

File # 56050a Engr: Carey Yates Date: Jan.13.2005 Standard: Part 15 Temp: 13
 Site: 1 Distance: 3 meters Cable: 1.2 Class: B Humidity: 40%
 Bicon: 187 Log: 10 Amp #1: 65 Receiver: U-078 Amp #2:

Freq. (MHz)	Meas'd (dBuV)	Amp Factors (dB)	Cable Factors (dB)	Antenna Factors (dB)	Total Factors (dBuV/m)	Total (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Azimuth (degree)	Height (m)	Hor/ Vert	HP/ R&S	Meas. Type	Comments
434.013	67.6	26.5	4.5	18.1	-3.9	63.70	80.8	-17.10	88	1	Vert	R&S	QP	Run 1 EUT placed vertical on table
434.013	64.5	26.5	4.5	18.3	-3.7	60.80	80.8	-20.00	21	3.79	Hor/	R&S	QP	Run 1 EUT placed vertical on table

1100 E. Chalk Creek Rd.
Coalville, UT, 84017

Data not valid for report unless signed by DNB personnel

Phone (435) 336-4433
Fax (435) 336-4436

1.2 Test Results For Radiated Spurious Emissions

1.2.1 30-1000 MHz Test Data

56050a Boarderwatch P214.Xls(4/89)

DNB Engineering, Inc.

Page 1

RADIATED EMISSIONS
International 30-1000 MHz Based on (CISPR 22, ANSI C63.4, CISPR 11, GR-1089-CORE Issue 3)

File # 56050a Engr: Carey Yates Date: Jan 13 2005 Standard: Part 15 Temp: 13
 Site: 1 Distance: 3 meters Cable: 1.2 Class: B Humidity: 40%
 Blom: 187 Log: 10 Amp #1: 65 Receiver: U-079 Amp #2:

Freq. (MHz)	Meas'd (dBuV)	Amp Factors (dB)	Cable Factors (dB)	Antenna Factors (dB)	Total		Limit (dB)	Delta (dB)	Azimuth (degree)	Height (m)		HP/Vert	HP/Vert R&S	Type	Comments
					(dBuV/m)	(dBuV/m)				Hor	Vert				
867.889	51.4	27.0	6.5	25.2	4.7	56.10	60.8	-4.70	170	1.98	1	QP	QP	Run 1 EUT placed vertical on table	
967.969	48.2	27.0	6.5	24.2	3.7	51.80	60.8	-8.90	205	1	1	QP	QP	Run 1 EUT placed vertical on table	

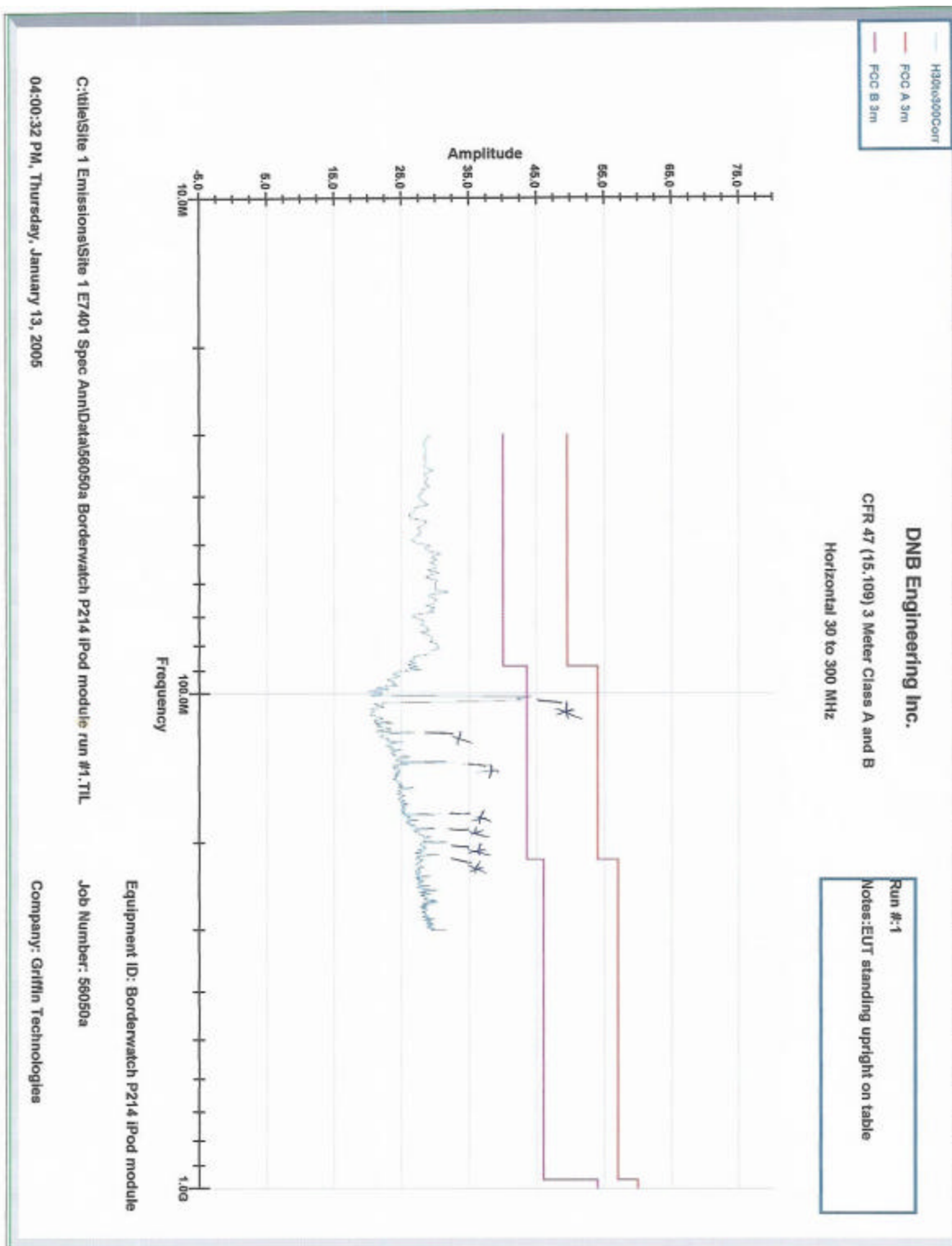
1100 E. Chaik Creek Rd.
Coalville, UT, 84017

Data not valid for report unless signed by DNB personnel

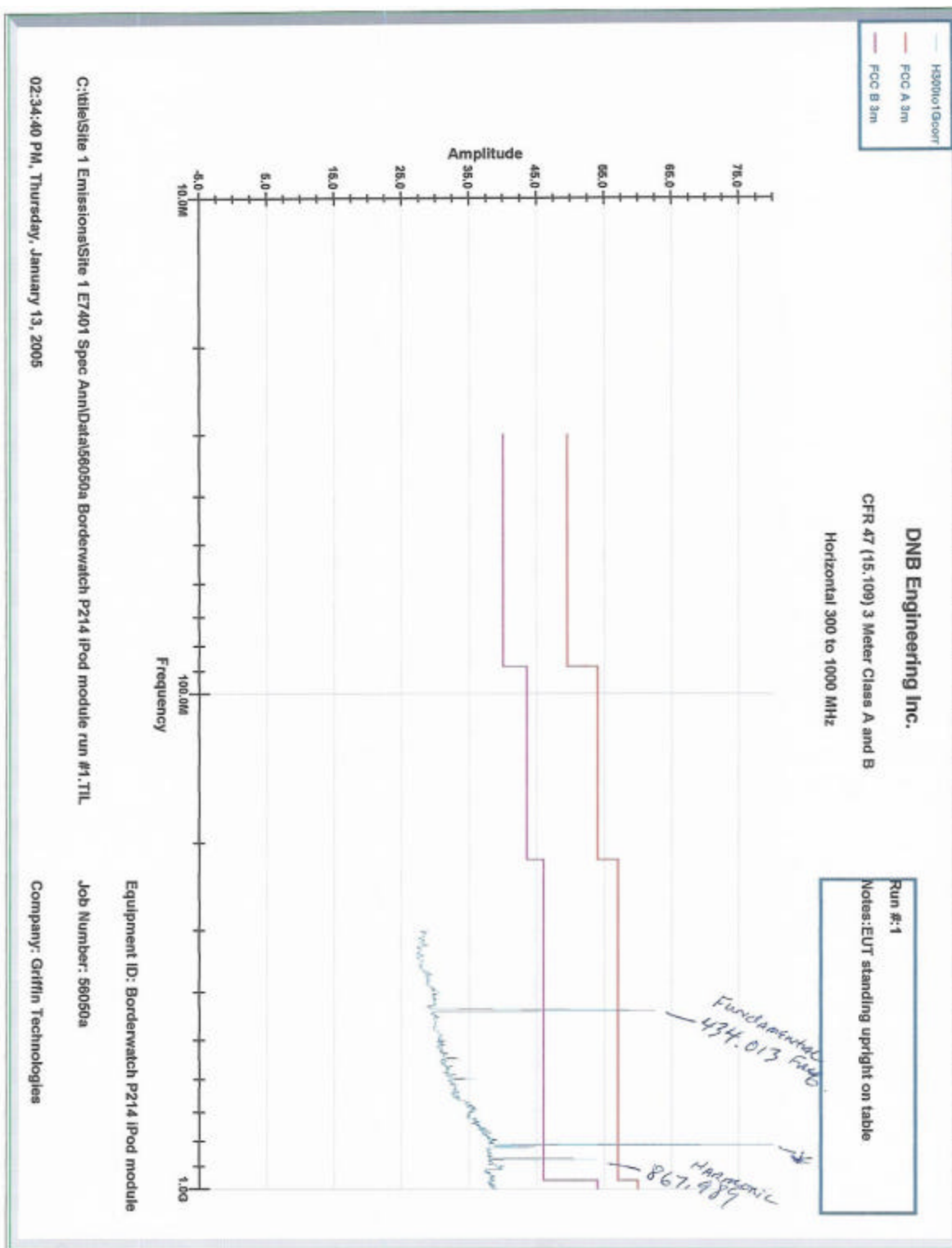


Phone (435) 396-4433
Fax (435) 396-4436

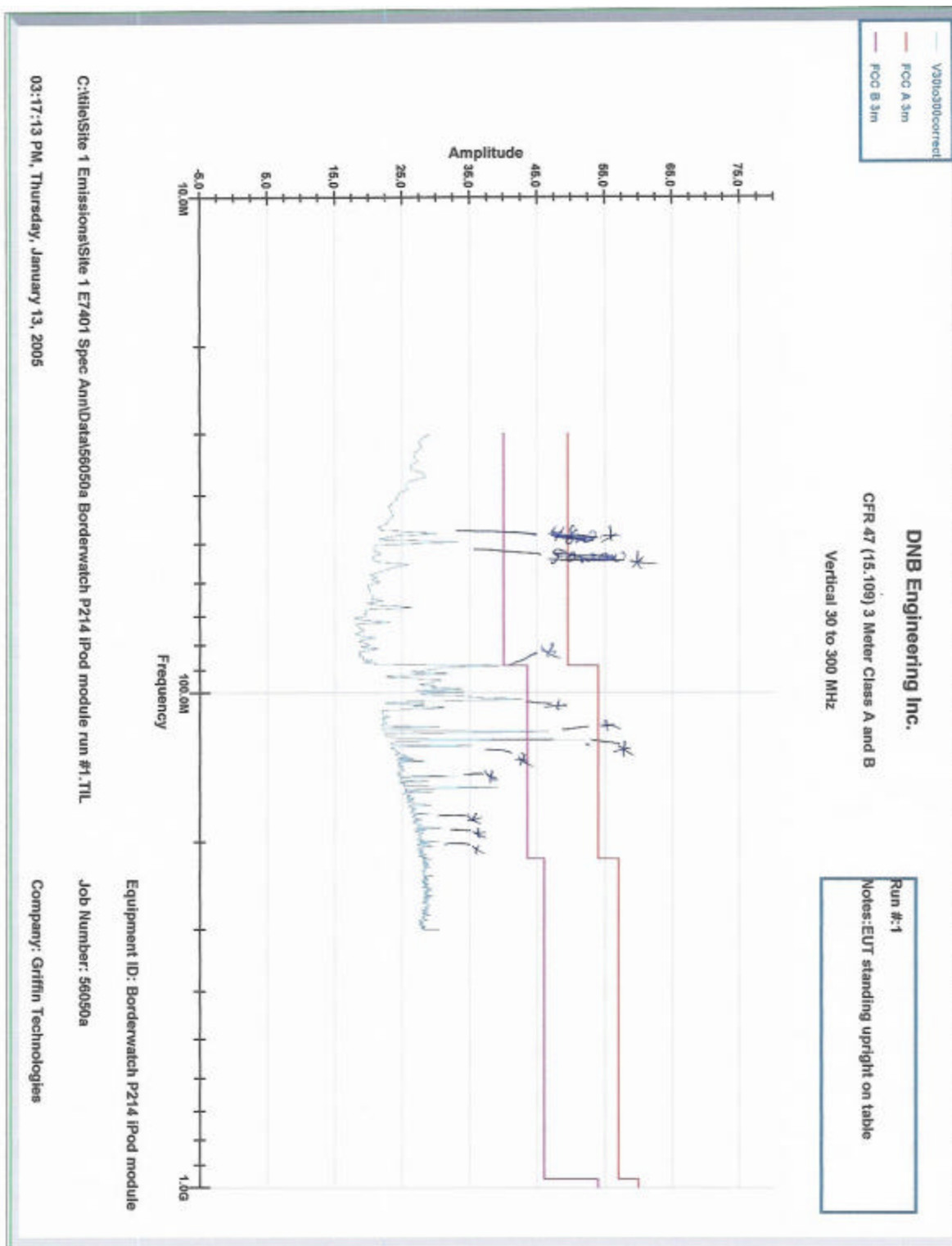
1.2.2 (Horizontal plot 30 to 300 MHz)



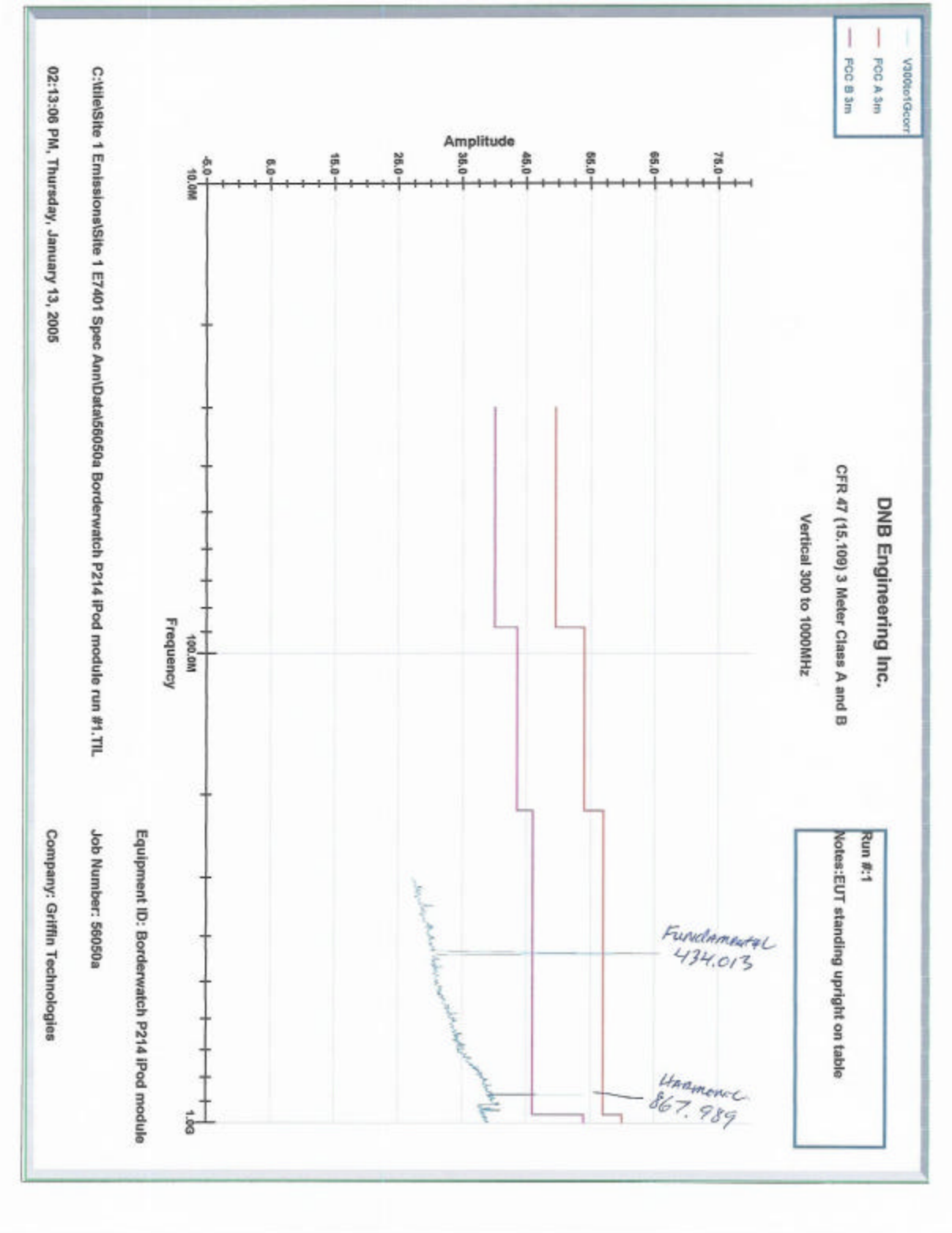
1.2.3 (Horizontal Plot 300 to 1000 MHz)



1.2.4 (Vertical Plot 30 to 300 MHz)



1.2.5 (Vertical Plot 300 to 1000 MHz)



1.2.6 Above 1 GHz test Data

56050a Boarderwatch P214.xls

DNB Engineering Inc.

2/25/2005

RADIATED EMISSIONS
Greater than 1000MHZ Based on (ANSI C63.4, CFR 47 Part 15, GR-1089-CORE Issue 3)

File #: 56060a Engr.: Clay Allred Date: 14-Jan-05 Standard: Part 15 Temp: _____
 Site: _____ Distance: 3 meters Cable: 323 Class: B Humidity: _____
 Antenna: 71 Amp #1: 162 Amp #2: _____ Receiver: U-138

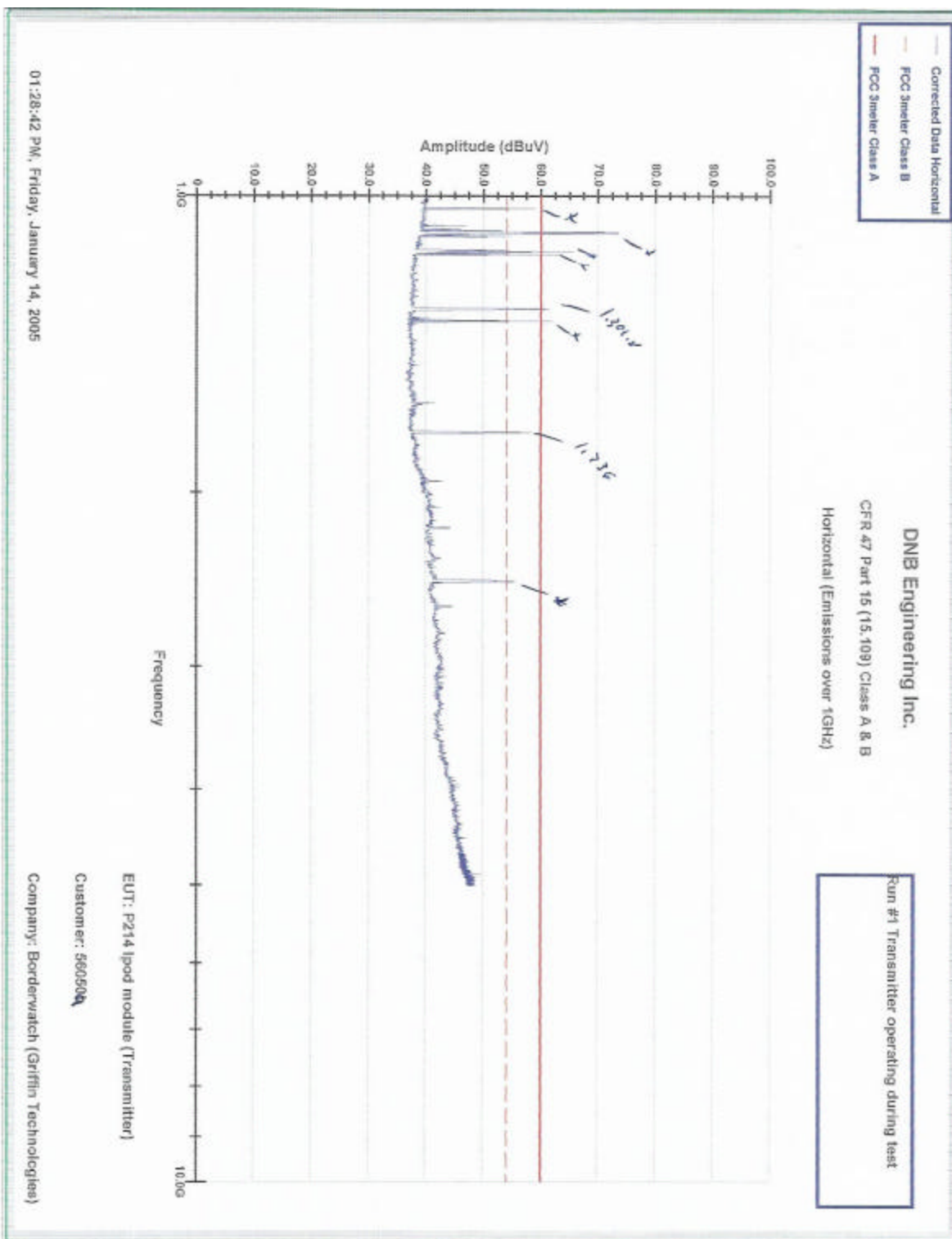
Freq (MHz)	Meas'd (dBuV)	Duty Cycle (%)	Corrected Meas'd (dBuV)	Amp Factors (dB)	Cable Factors (dB)	Antenna Factors (dB)	Total Factors (dBuV/m)	Total (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Azimuth (degree)	Height (m)	Hor Vert	HP/ R&S	Type	Comments
1301.880	67.6	70%	47.3	24.2	2.7	25.4	3.8	51.2	60.8	-9.6	14	1	Vert	HP	Peak	Run 1 Transmitter
1735.940	60.1	70%	42.1	26.3	3.1	27.7	4.5	48.6	60.8	-14.2	192	1	Vert	HP	Peak	Run 1 Transmitter
1301.830	59.3	70%	41.5	24.2	2.7	25.5	3.9	45.4	60.8	-15.4	78	2.34	Hor	HP	Peak	Run 1 Transmitter
1735.820	52.9	70%	37.0	26.3	3.1	27.7	4.6	41.6	60.8	-19.2	76	1.52	Hor	HP	Peak	Run 1 Transmitter
2169.840	41.2	70%	28.8	26.5	3.6	29.7	6.8	35.7	60.8	-25.1	255	1	Vert	HP	Peak	Run 1 Transmitter

DNB Engineering Inc.
1100 East Chalk Creek Rd.
Coalville UT, 84017

Data not valid for report unless signed by DNB personnel

(Phone) 1-800-887-4433
(Fax) 435-336-4436

1.2.7 (Horizontal Plot of Emissions over 1GHz)



1.2.8 (Vertical Plot of Emissions over 1 GHz)

