



EMC Technologies Pty Ltd

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**APPENDIX C
OF
TEST REPORT T11129A**

Graphs of EMI Measurements

Manufacturer: CHK Wireless Technologies Australia Pty Ltd

Test Sample: Conductor Mounted Sensor

Model: LT40-CMS-916

Serial No: 01045016

FCC ID: P3D LT40-CMS-916

Date: 7 January 2002

Graphs of EMI Measurements

- Graph 1: Vertical Emissions, 30MHz to 1000MHz, EUT Transmitting**
- Graph 2: Horizontal Emissions, 30MHz to 1000MHz , EUT Transmitting**
- Graph 3: Carrier Zoom, 910 to 920 MHz, EUT Transmitting**
- Graph 4: Vertical Emissions, 1GHz to 10GHz, EUT Transmitting**
- Graph 5: Horizontal Emissions, 1GHz to 10GHz, EUT Transmitting**
- Graph 6: Vertical Emissions, 30MHz to 1000MHz, EUT Receiving**
- Graph 7: Horizontal Emissions, 30MHz to 1000MHz , EUT Receiving**
- Graph 8: Vertical Emissions, 1GHz to 6GHz, EUT Receiving**
- Graph 9: Horizontal Emissions, 1GHz to 6GHz, EUT Receiving**

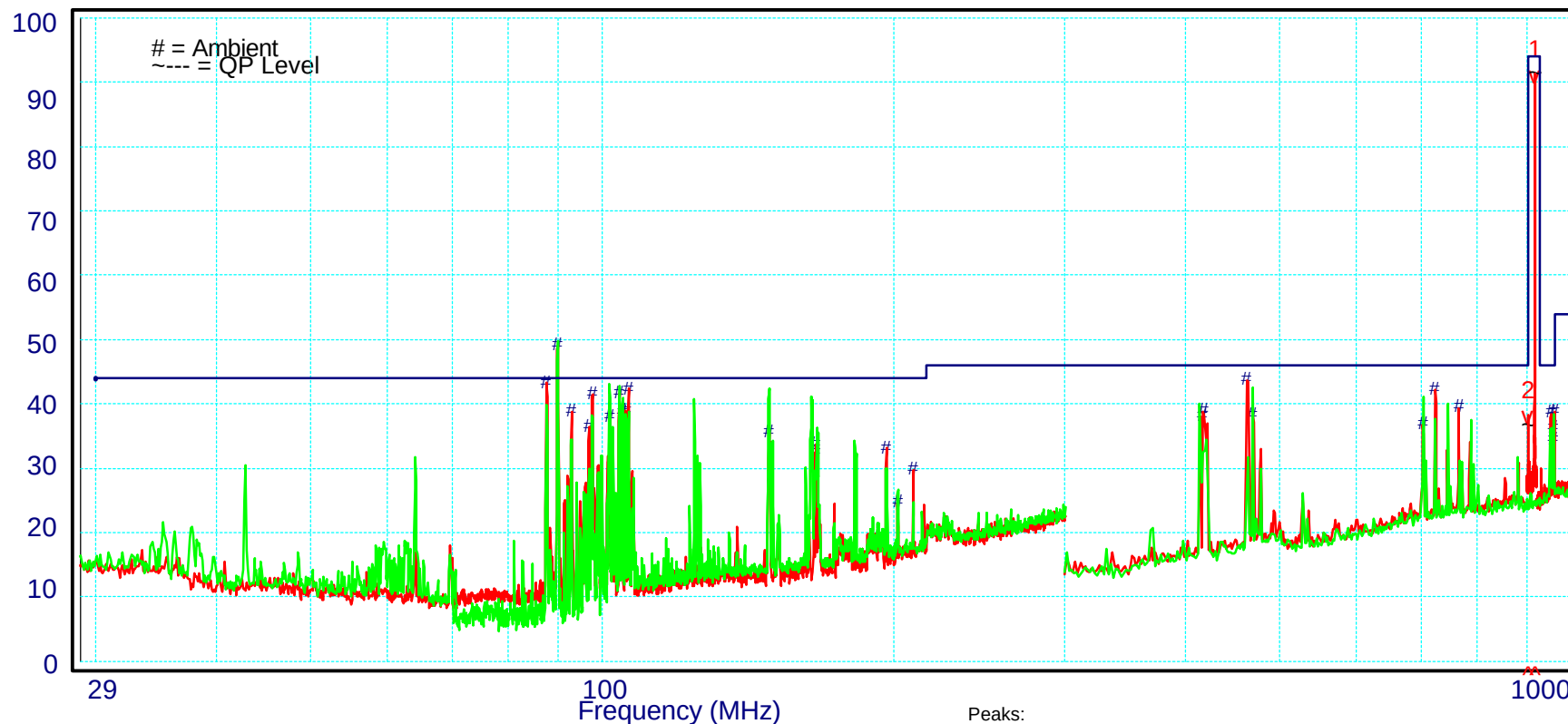
EMC Technologies Pty. Ltd. - Global Product Certification
FCC Part 15
Radiated Emissions dBuV/m Peak

Project No:T11129A

Test Date: 27/11/01

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GRAPH No. 1



CHK Wireless Technologies Australia Pty Ltd
Conductor Mounted Sensor
Model No: CMS Serial No: 01045016
EUT Transmitting FCC ID: P3D LT40-CMS-916

Peaks:

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	Fcc15249 (dBuV/m)	dL1 (dB)
1	916.48	91.3	91.6	94.0	-2.4
2	902.10	38.3	37.0	46.0	-9.0

Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

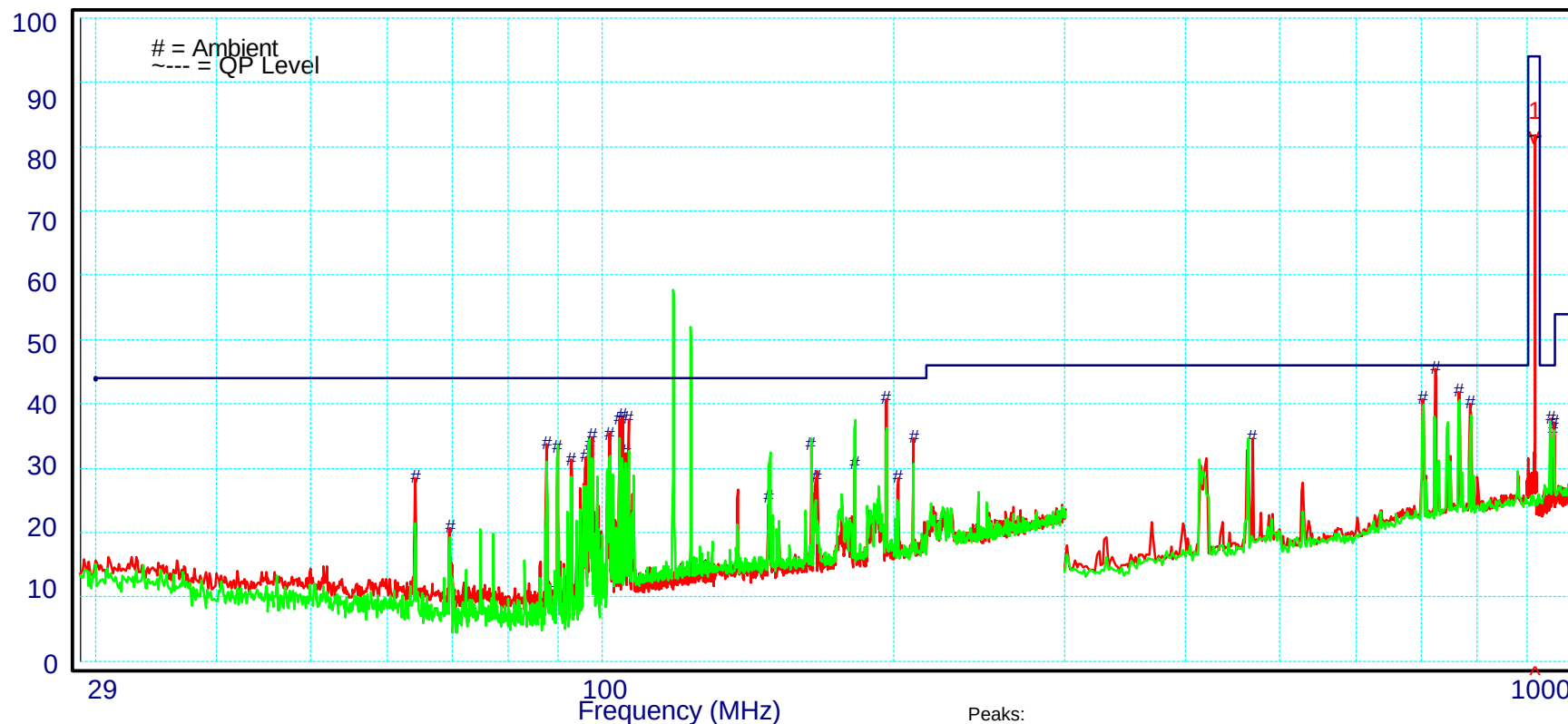
Legend:
Vertical Ambients
Vertical Fields

sydney radiated setup

Source:
v11129r 3 4 5 6 7 8 1
v11129r 20 21 22 23 24 16 14 15

Site ID: Colo #1
Test Officer: Bruce Holdsworth

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9262
Sydney---- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4018



CHK Wireless Technologies Australia Pty Ltd
Conductor Mounted Sensor
Model No: CMS Serial No: 01045016
EUT Transmitting FCC ID: P3D LT40-CMS-916

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	Fcc15249 (dBuV/m)	dL1 (dB)
1	916.48	81.8	81.8	94.0	-12.2

Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

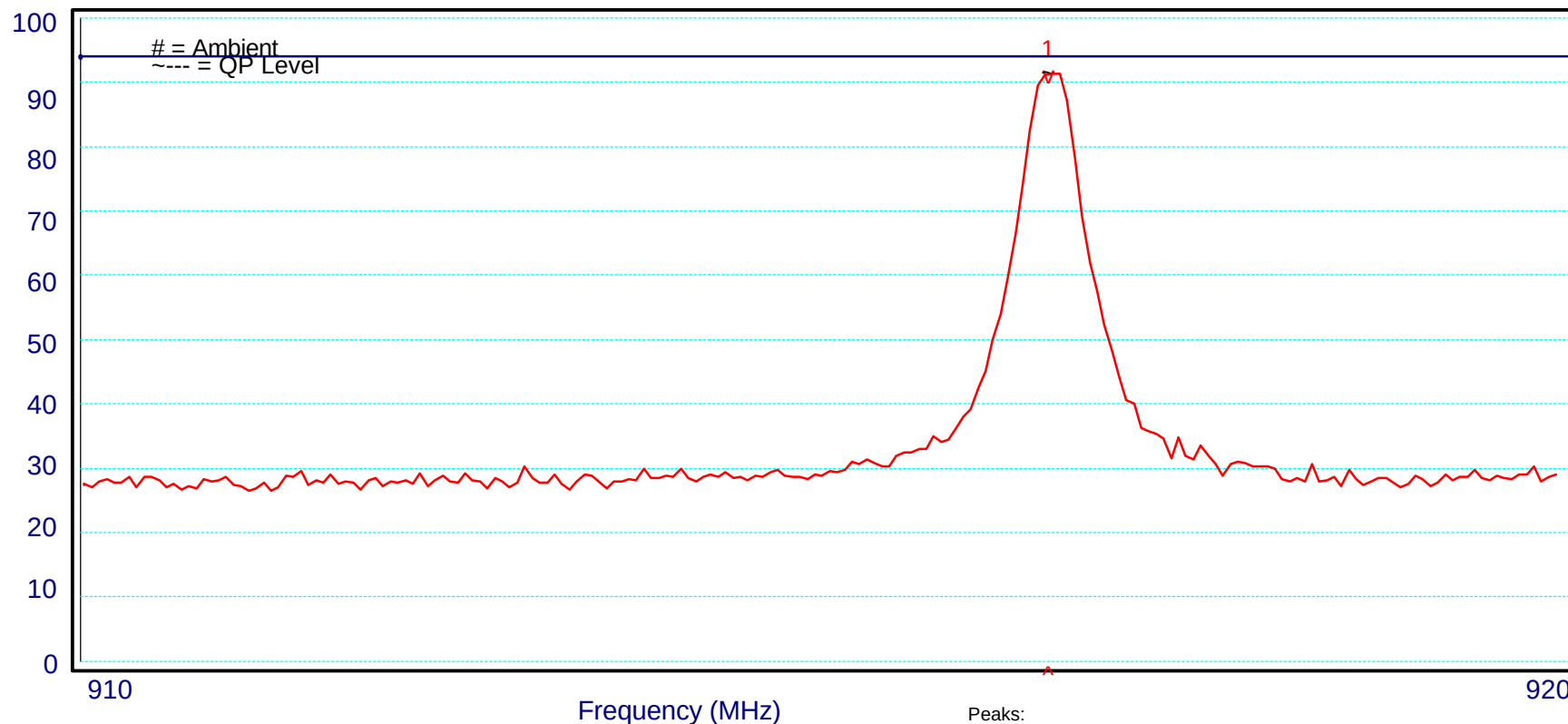
Legend:
Horizontal Ambients
Horizontal Fields

sydney radiated setup

Source:
v11129r 9 10 11 12 13 2
v11129r 25 26 27 28 29 18 17 19

Site ID: Colo #1
Test Officer: Bruce Holdsworth

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9262
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CHK Wireless Technologies Australia Pty Ltd
Conductor Mounted Sensor
Model No: CMS Serial No: 01045016
EUT Transmitting FCC ID: P3D LT40-CMS-916

Peaks:

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	Fcc15249 (dBuV/m)	dL1 (dB)
1	916.48	91.3	91.6	94.0	-2.4

Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

Legend:
___ Vertical Fields

sydney radiated setup

Source:

\t11129r 20 21 22 23 24 16 14 15

Site ID: Colo #1
Test Officer: Bruce Holdsworth

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9262
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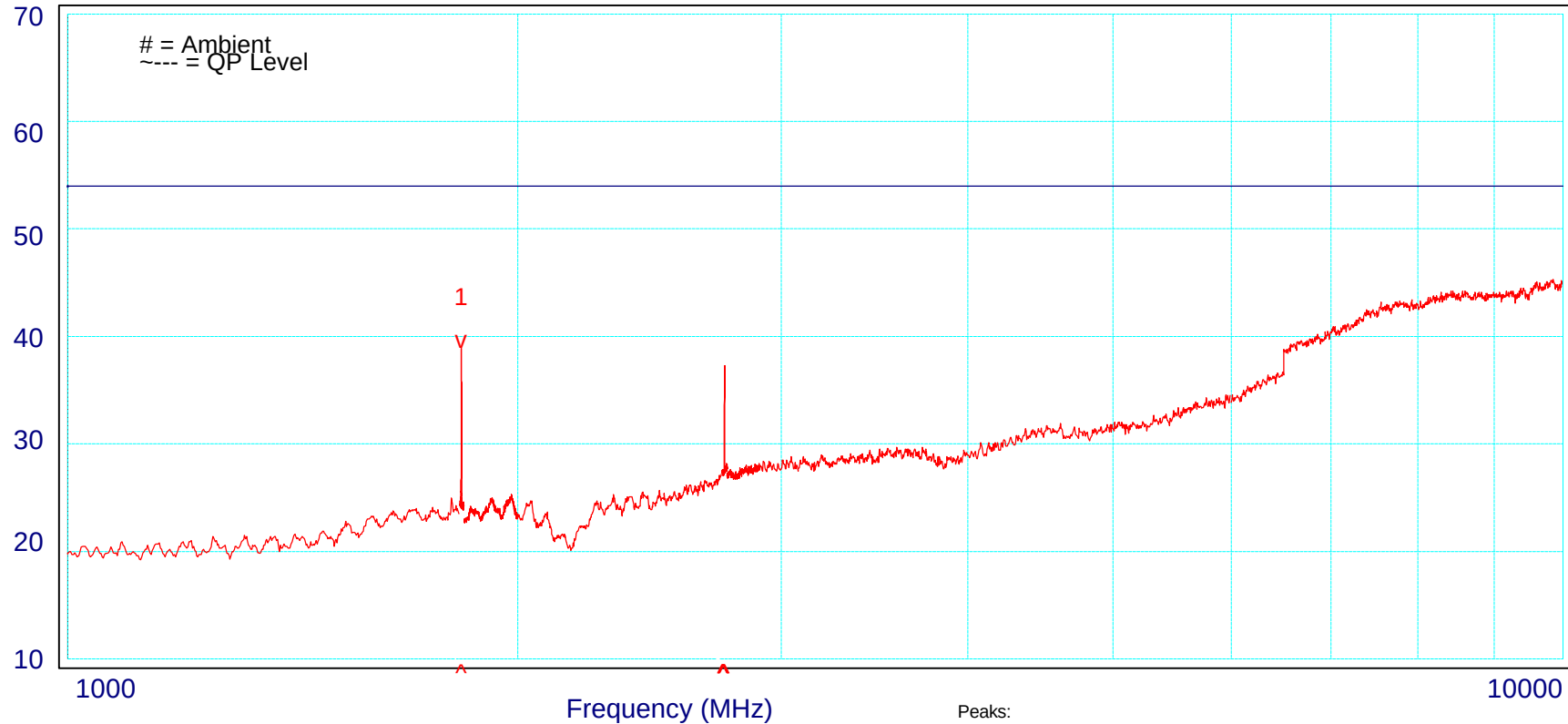
Radiated Emissions dBuV/m Peak

Project No:T11129A

Test Date: 28/11/01

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GRAPH No. 4



CHK Wireless Technologies Australia Pty Ltd
Conductor Mounted Sensor
Model No: CMS Serial No: 01045016
EUT Transmitting FCC ID: P3D LT40-CMS-916

Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

Legend:
— Vertical Fields

Hi frequency radiated equipment
C0171101
Site ID: Colo #1
Test Officer: Bruce Holdsworth

Source:
T11129r7 2 10 12 13 11 14 15 16 17 18

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
Sydney---- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019

Peaks:

No	Freq (MHz)	Peak (dBuV/m)	Fcc15249 (dBuV/m)	dL1 (dB)
1	1832.47	39.0	54.0	-15.0
2	2749.43	36.7	54.0	-23.3

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FCC Part 15

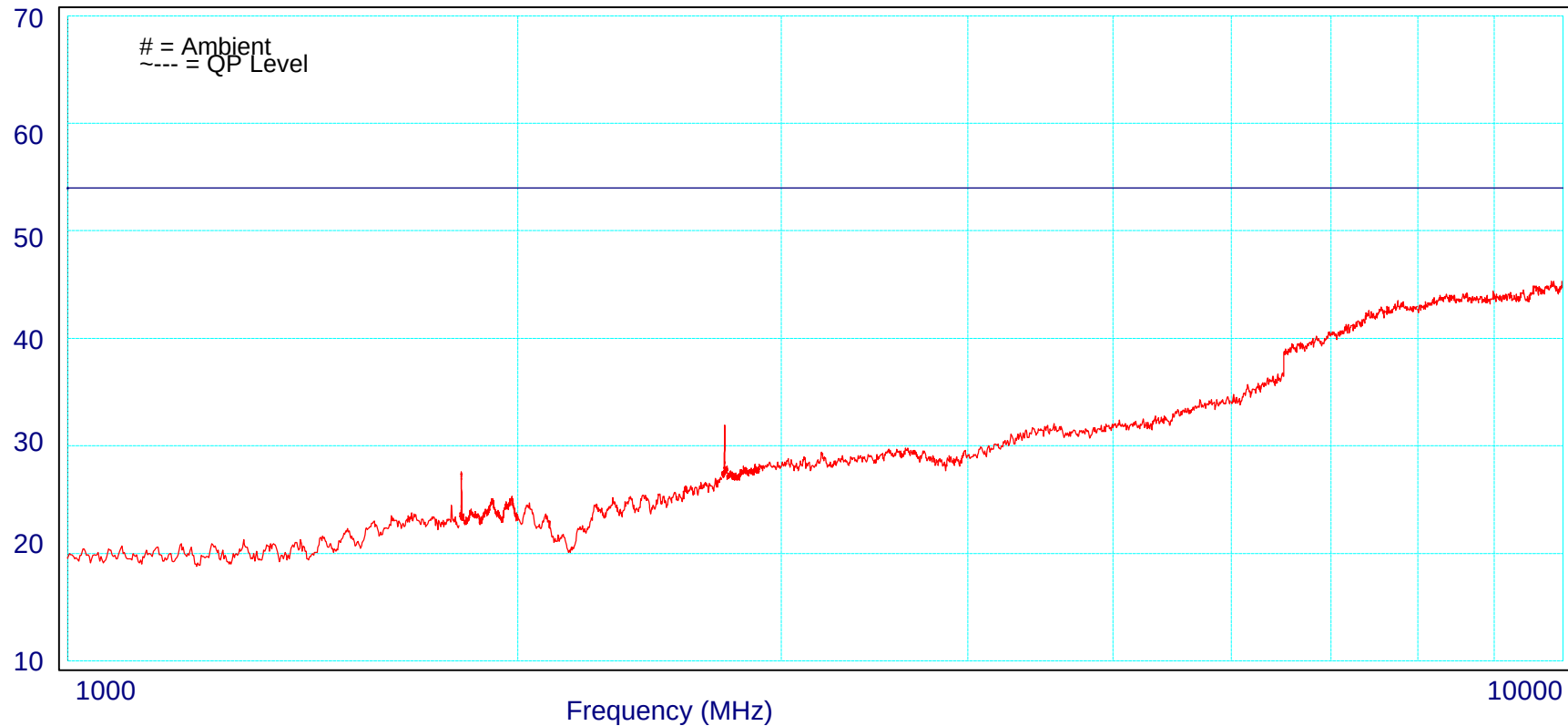
Radiated Emissions dBuV/m Peak

Project No:T11129A

Test Date: 28/11/01

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GRAPH No. 5



CHK Wireless Technologies Australia Pty Ltd
Conductor Mounted Sensor
Model No: CMS Serial No: 01045016
EUT Transmitting FCC ID: P3D LT40-CMS-916

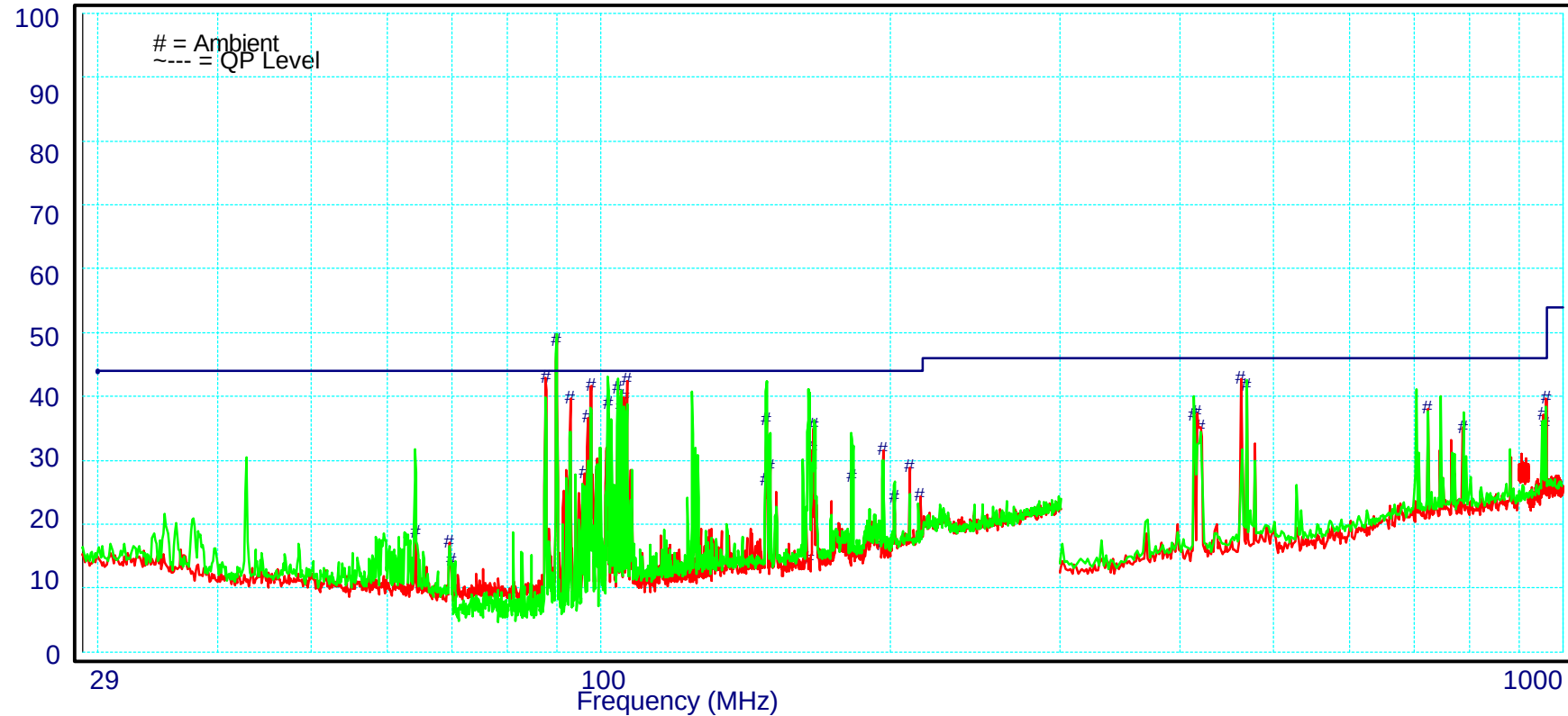
Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

Legend:
Horizontal Fields

Hi frequency radiated equipment
C0171101
Site ID: Colo #1
Test Officer: Bruce Holdsworth

Source:
T11129r7 19 5 20 21 6 23 22 24 25 26

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
Sydney---- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019



CHK Wireless Technologies Australia Pty Ltd
Conductor Mounted Sensor
Model No: CMS Serial No: 01045016
EUT Receiving FCC ID: P3D LT40-CMS-916

Limits:
Fcc15249R FCC 15.249 Intentional Radiator Limits

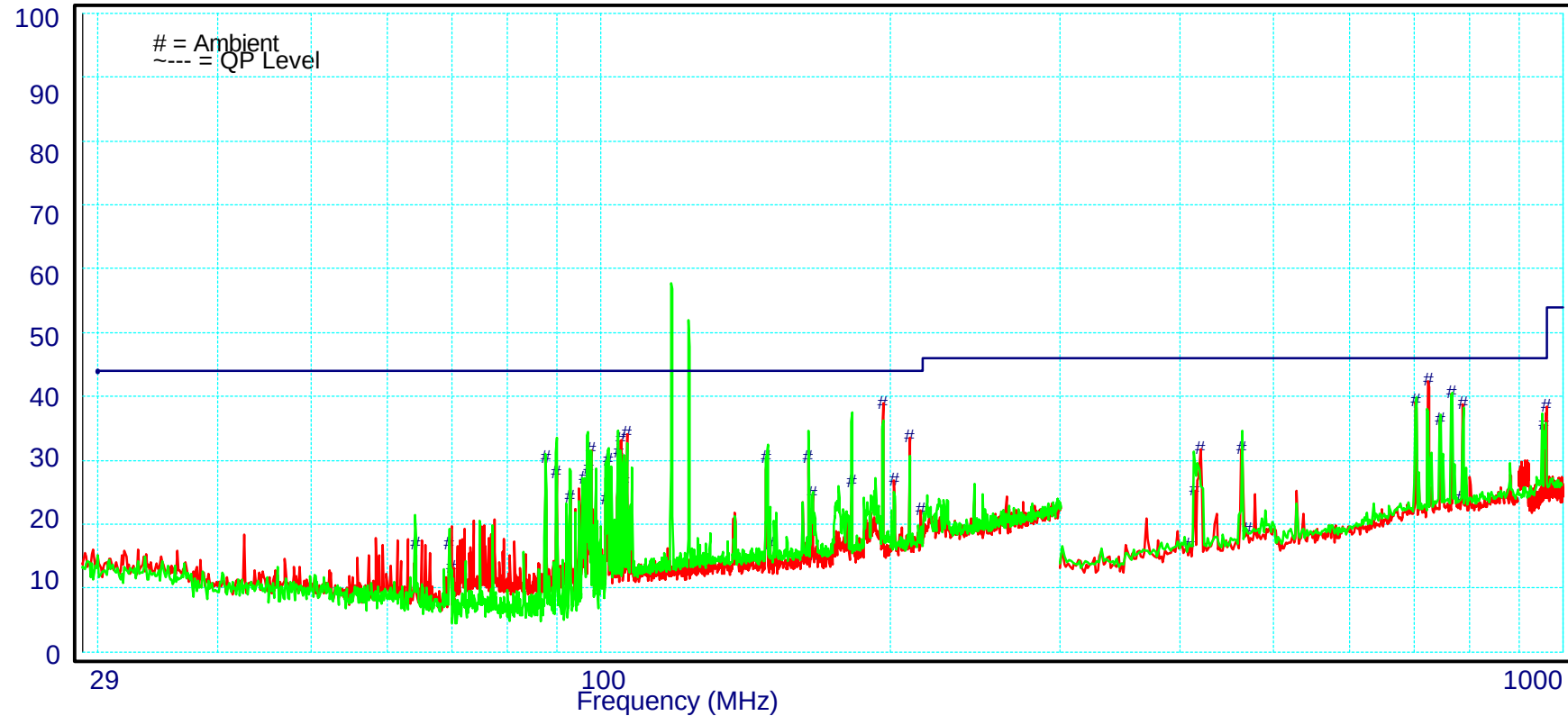
Legend:
Vertical Ambients
Vertical Fields

sydney radiated setup

Source:
t11129r 3 4 5 6 7 8 1
t11129r1 1 2 3 4 5 12 11 13

Site ID: Colo #1
Test Officer: Bruce Holdsworth

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9262
Sydney---- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4018



CHK Wireless Technologies Australia Pty Ltd
Conductor Mounted Sensor
Model No: CMS Serial No: 01045016
EUT Receiving FCC ID: P3D LT40-CMS-916

Limits:
Fcc15249R FCC 15.249 Intentional Radiator Limits

Legend:
Horizontal Ambients
Horizontal Fields

sydney radiated setup

Source:
t11129r 9 10 11 12 13 2
t11129r1 6 7 8 9 10 15 14 16

Site ID: Colo #1
Test Officer: Bruce Holdsworth

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9262
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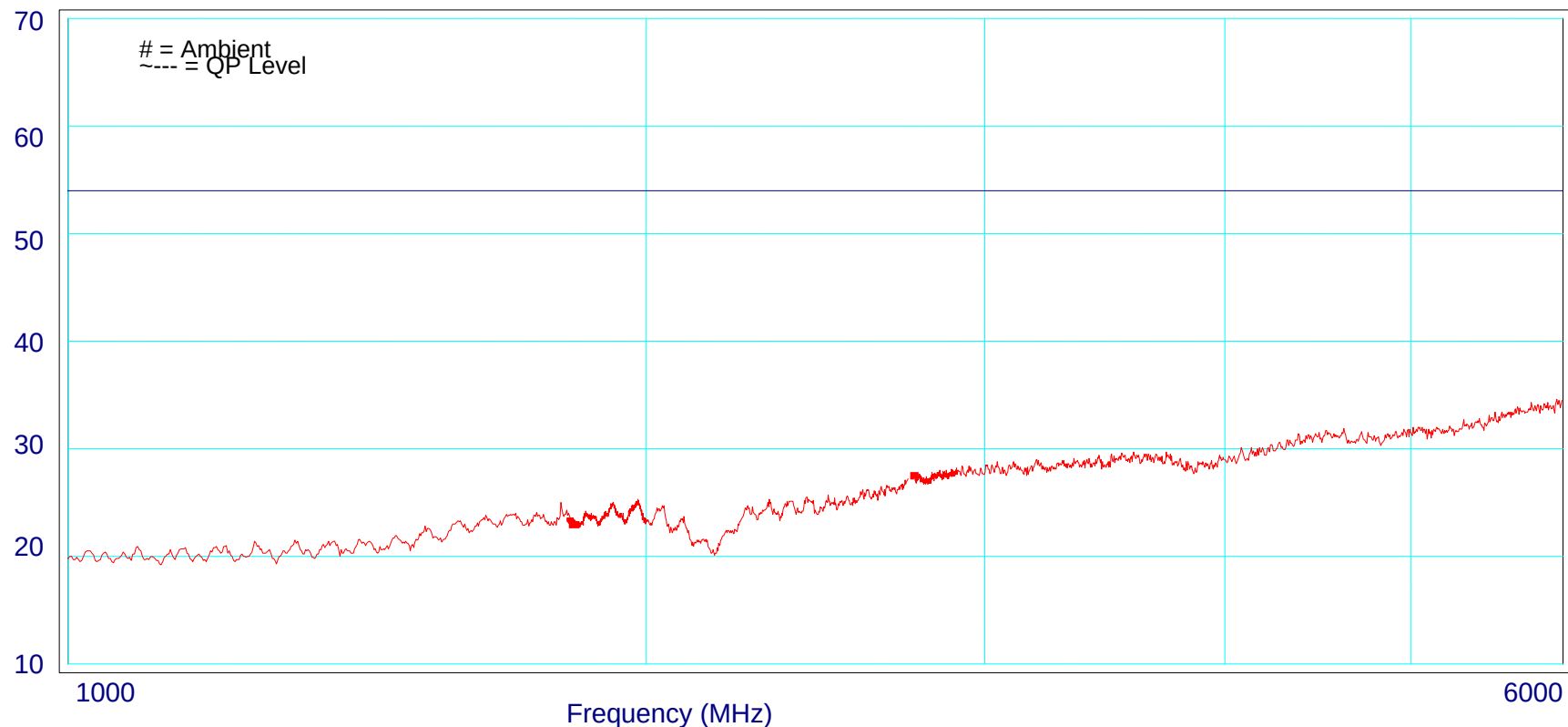
Radiated Emissions dBuV/m Peak

Project No:T11129A

Test Date: 27/11/01

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GRAPH No. 8



CHK Wireless Technologies Australia Pty Ltd
Electricity Measurement Device
Model No: CMS Serial No: 01045016
EUT Receiving FCC ID: P3D LT40-CMS-916

Limits:
Fcc15249R FCC 15.249 Intentional Radiator Limits

Legend:
— Vertical Fields

Hi frequency radiated equipment
C0171101
Site ID: Colo #1
Test Officer: Bruce Holdsworth

Source:
11129r1a 1 3 4 6 7 8

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
Sydney---- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019

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FCC Part 15

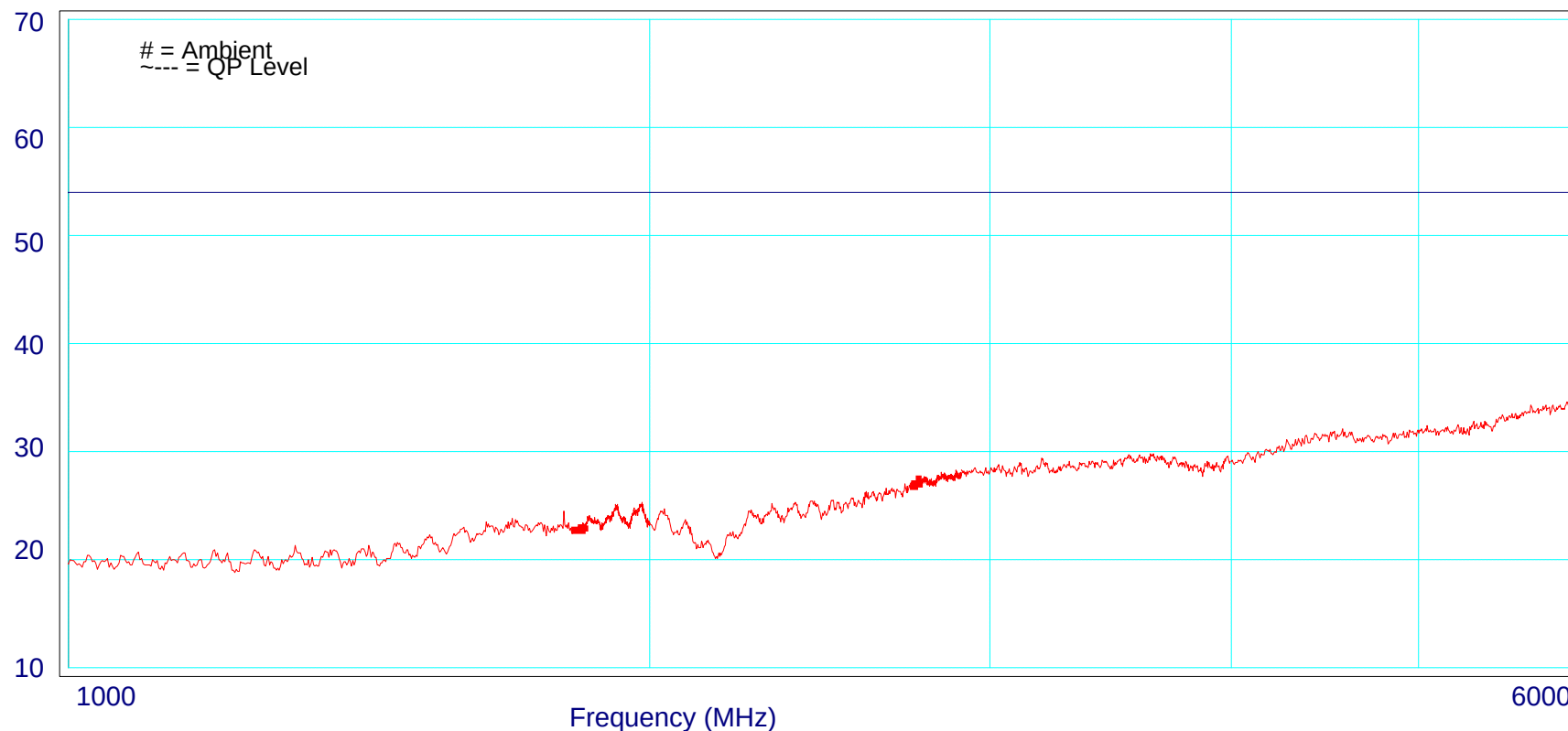
Radiated Emissions dBuV/m Peak

Project No:T11129A

Test Date: 27/11/01

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GRAPH No. 9



CHK Wireless Technologies Australia Pty Ltd
Electricity Measurement Device
Model No: CMS Serial No: 01045016
EUT Receiving FCC ID: P3D LT40-CMS-916

Limits:
Fcc15249R FCC 15.249 Intentional Radiator Limits

Legend:
Horizontal Fields

Hi frequency radiated equipment
C0171101
Site ID: Colo #1
Test Officer: Bruce Holdsworth

Source:
11129r1a 9 10 11 12 13 14

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
Sydney---- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019