



EMC Technologies Pty Ltd

A.C.N. 057 105 549

**16/6 Gladstone Rd
Castle Hill, NSW 2154**

Ph: + 612 9899 4599

Fax: + 612 9899 4019

email: syd@emctech.com.au

HTTP: www.emctech.com.au

**APPENDIX C
OF
TEST REPORT T11129B**

Graphs of EMI Measurements

Manufacturer: CHK Wireless Technologies Australia Pty Ltd

Test Sample: Pole Attached Collator

Model: LT40-PAC-916

Serial No: 01045023

FCC ID: P3D LT40-PAC-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, 30MHz to 1000MHz, EUT Receiving**
- Graph 5: Horizontal Emissions, 30MHz to 1000MHz , EUT Receiving**
- Graph 6: Vertical Emissions, 1GHz to 10GHz, EUT Transmitting**
- Graph 7: Horizontal Emissions, 1GHz to 10GHz, EUT Transmitting**
- Graph 8: Vertical Emissions, 1GHz to 6GHz, EUT Receiving**
- Graph 9: Horizontal Emissions, 1GHz to 6GHz, EUT Receiving**

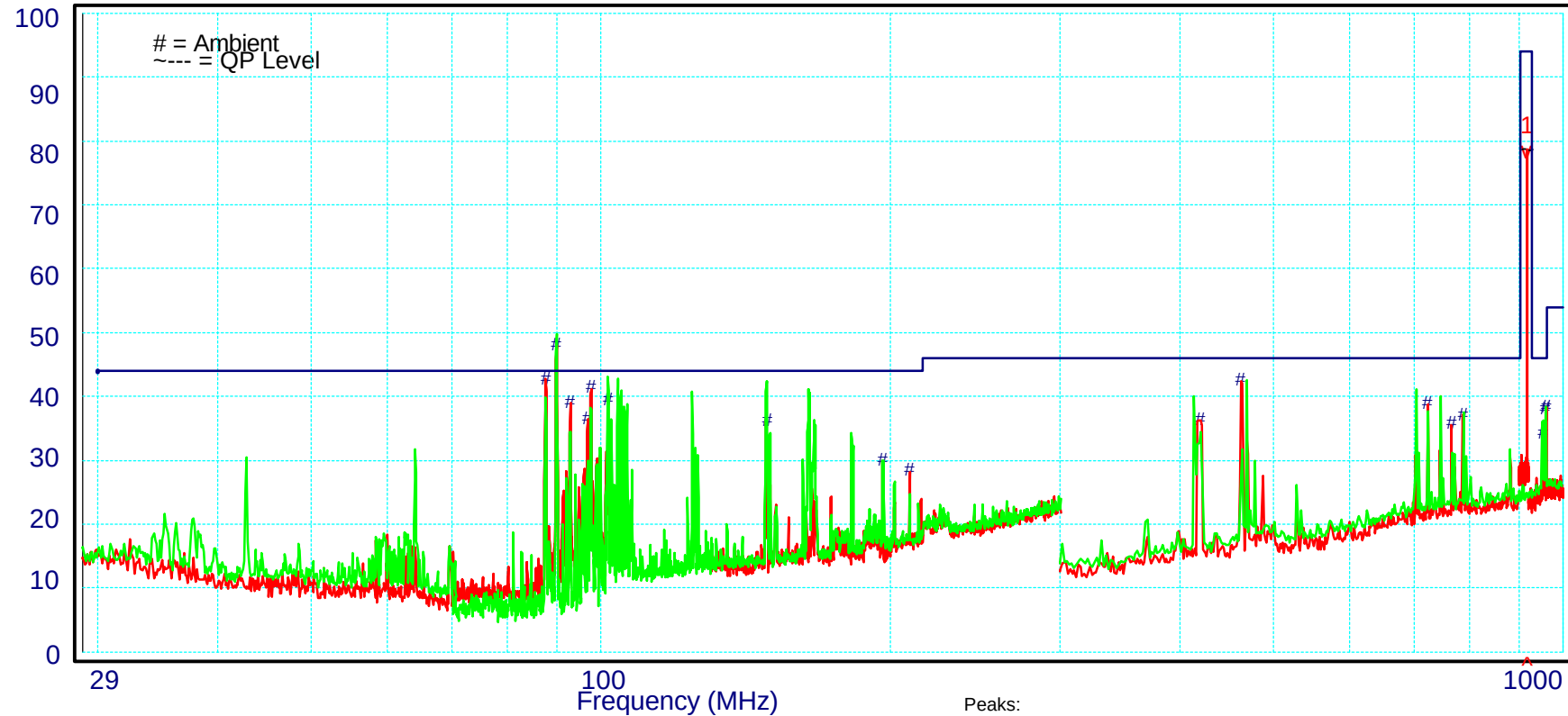
EMC Technologies Pty. Ltd. - Global Product Certification
FCC Part 15
Radiated Emissions dBuV/m Peak

Project No:T11129B

Test Date: 27/11/01

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GRAPH No. 1



CHK Wireless Technologies Australia Pty Ltd
Pole Attached Collator
Model No: PAC Serial No: 01045023
EUT Transmitting FCC ID: P3D LT40-PAC-916

No	Freq (MHz)	Peak (dBuV/m)	Qp Val (dBuV/m)	Fcc15249 (dBuV/m)	dL1 (dB)
1	916.48	78.7	78.9	94.0	-15.1

Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

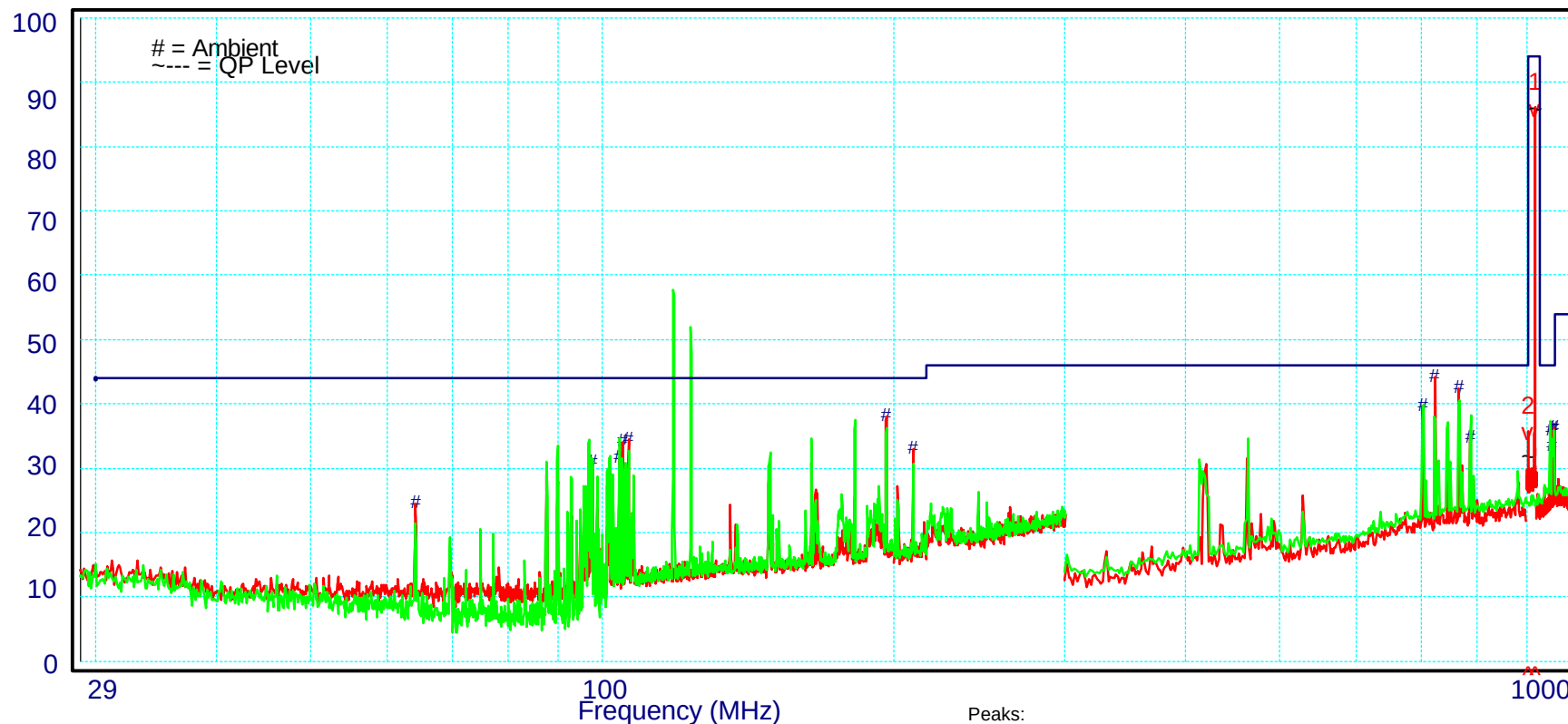
Legend:
Vertical Ambients
Vertical Fields

sydney radiated setup

Source:
t11129r 3 4 5 6 7 8 1
t11129r2 7 8 8 10 11 3 1 2

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
Pole Attached Collator
Model No: PAC Serial No: 01045023
EUT Transmitting FCC ID: P3D LT40-PAC-916

Peaks:

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	Fcc15249 (dBuV/m)	dL1 (dB)
1	916.48	86.1	86.1	94.0	-7.9
2	902.17	35.8	32.1	46.0	-13.9

Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

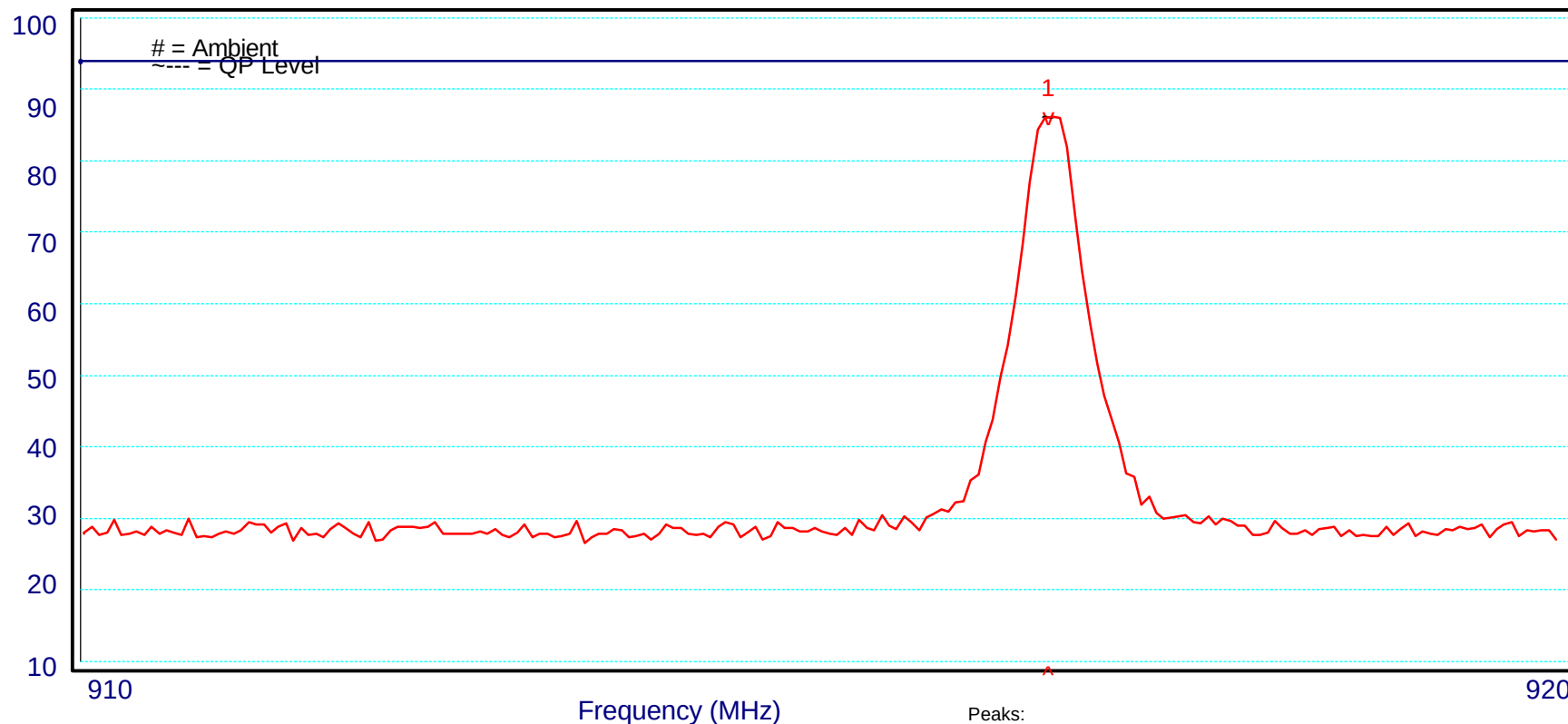
Legend:
Horizontal Ambients
Horizontal Fields

sydney radiated setup

Source:
v11129r 9 10 11 12 13 2
t11129r2 12 13 14 15 16 5 4 6

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
Pole Attached Collator
Model No: PAC Serial No: 01045023
EUT Transmitting FCC ID: P3D LT40-PAC-916

Peaks:

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	Fcc15249 (dBuV/m)	dL1 (dB)
1	916.48	86.1	86.1	94.0	-7.9

Limits:
Fcc15249 FCC 15.249 Intentional Radiator Limits

Legend:
Horizontal Ambients
Horizontal Fields

sydney radiated setup

Source:

t11129r2 12 13 14 15 16 5 4 6

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

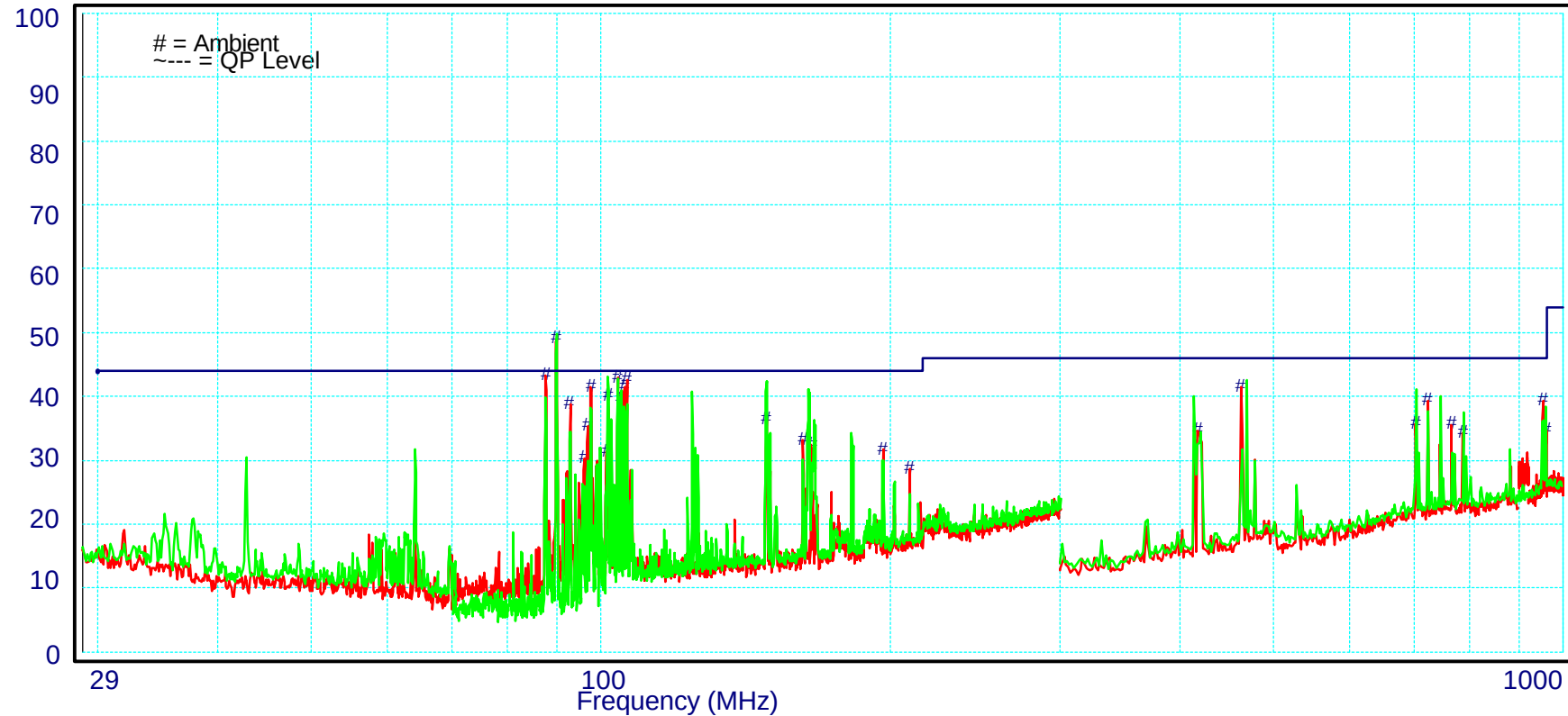
EMC Technologies Pty. Ltd. - Global Product Certification
FCC Part 15
Radiated Emissions dBuV/m Peak

Project No:T11129B

Test Date: 27/11/01

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GRAPH No. 4



CHK Wireless Technologies Australia Pty Ltd
Pole Attached Collator
Model No: PAC Serial No: 01045023
EUT Receiving FCC ID: P3D LT40-PAC-916

Limits:
Fcc15249R FCC 15.249 Intentional Radiator Limits

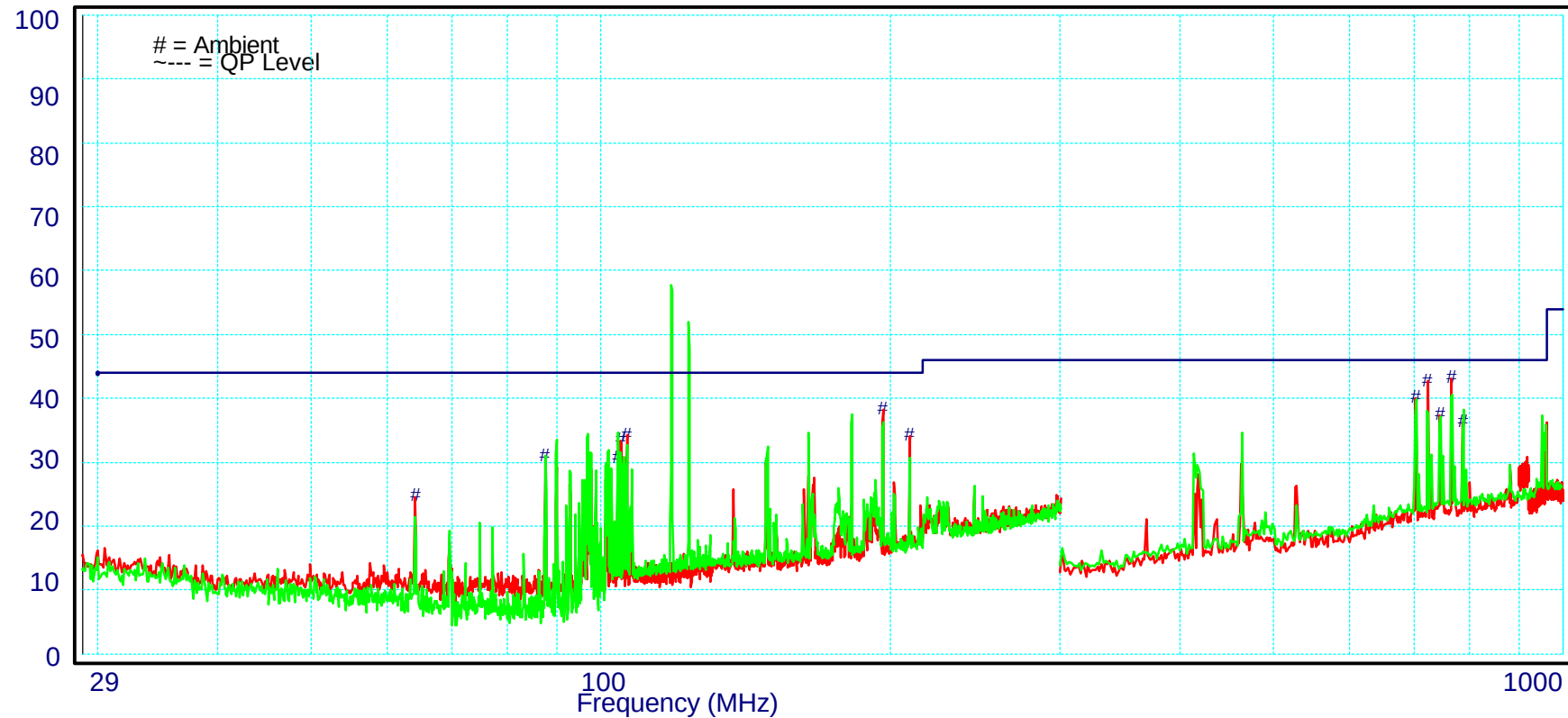
Legend:
Vertical Ambients
Vertical Fields

sydney radiated setup

Source:
t11129r 3 4 5 6 7 8 1
t11129r3 8 9 10 11 12 3 2 4

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
Pole Attached Collator
Model No: PAC Serial No: 01045023
EUT Receiving FCC ID: P3D LT40-PAC-916

Limits:
Fcc15249R FCC 15.249 Intentional Radiator Limits

Legend:
Horizontal Ambients
Horizontal Fields

sydney radiated setup

Source:
v11129r 9 10 11 12 13 2
t11129r3 13 14 15 16 17 5 6 7

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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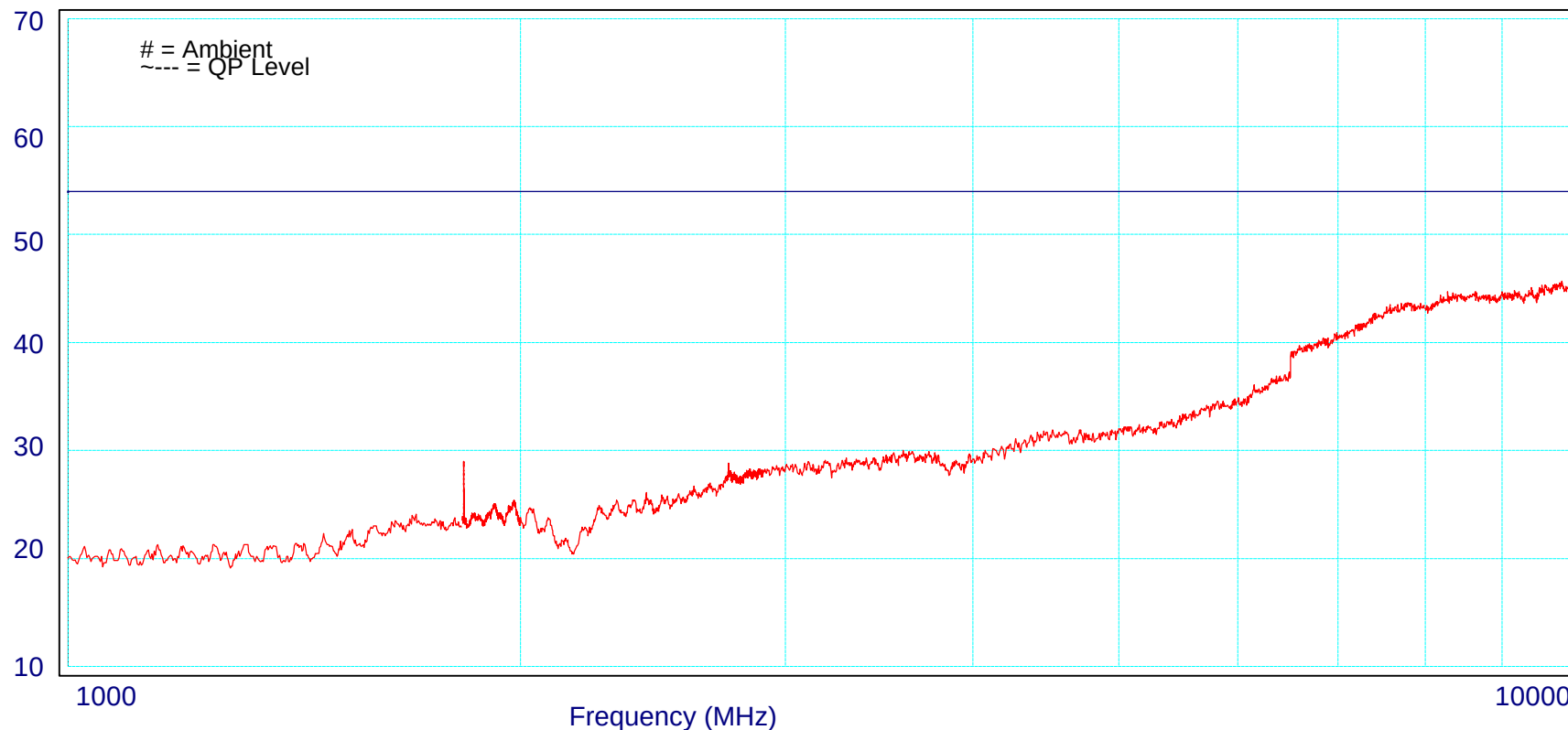
Radiated Emissions dBuV/m Peak

Project No:T11129B

Test Date: 28/11/01

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GRAPH No. 6



CHK Wireless Technologies Australia Pty Ltd
Pole Attached Collator
Model No: PAC Serial No: 01045023
EUT Transmitting FCC ID: P3D LT40-PAC-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:
T11129r8 5 3 6 7 4 8 9 10 11 12

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

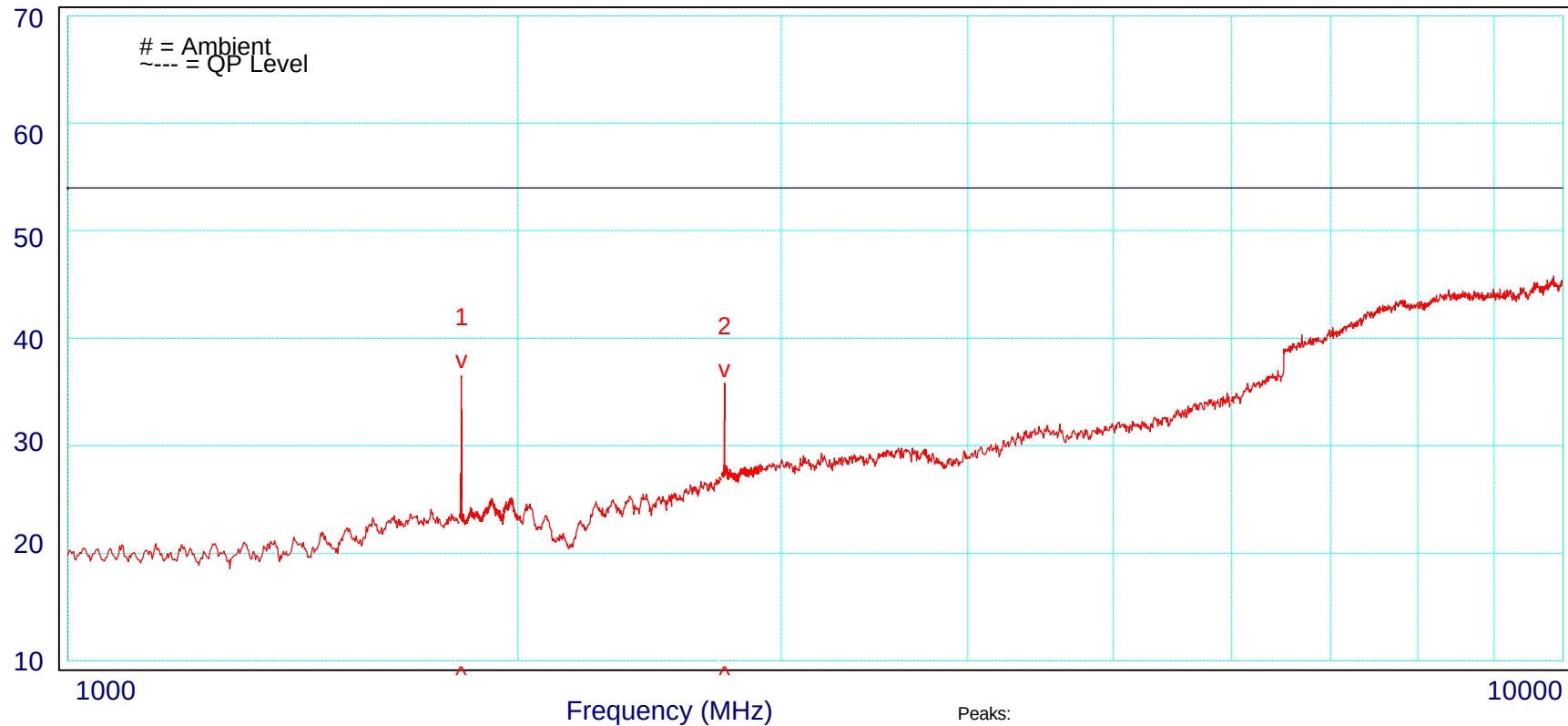
Radiated Emissions dBuV/m Peak

Project No:T11129B

Test Date: 28/11/01

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GRAPH No. 7



CHK Wireless Technologies Australia Pty Ltd
Pole Attached Collator
Model No: PAC Serial No: 01045023
EUT Transmitting FCC ID: P3D LT40-PAC-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:
T11129r8 13 1 14 15 2 16 17 18 19 20

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	1832.84	37.3	54.0	-16.7
2	2749.43	36.5	54.0	-17.5

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FCC Part 15

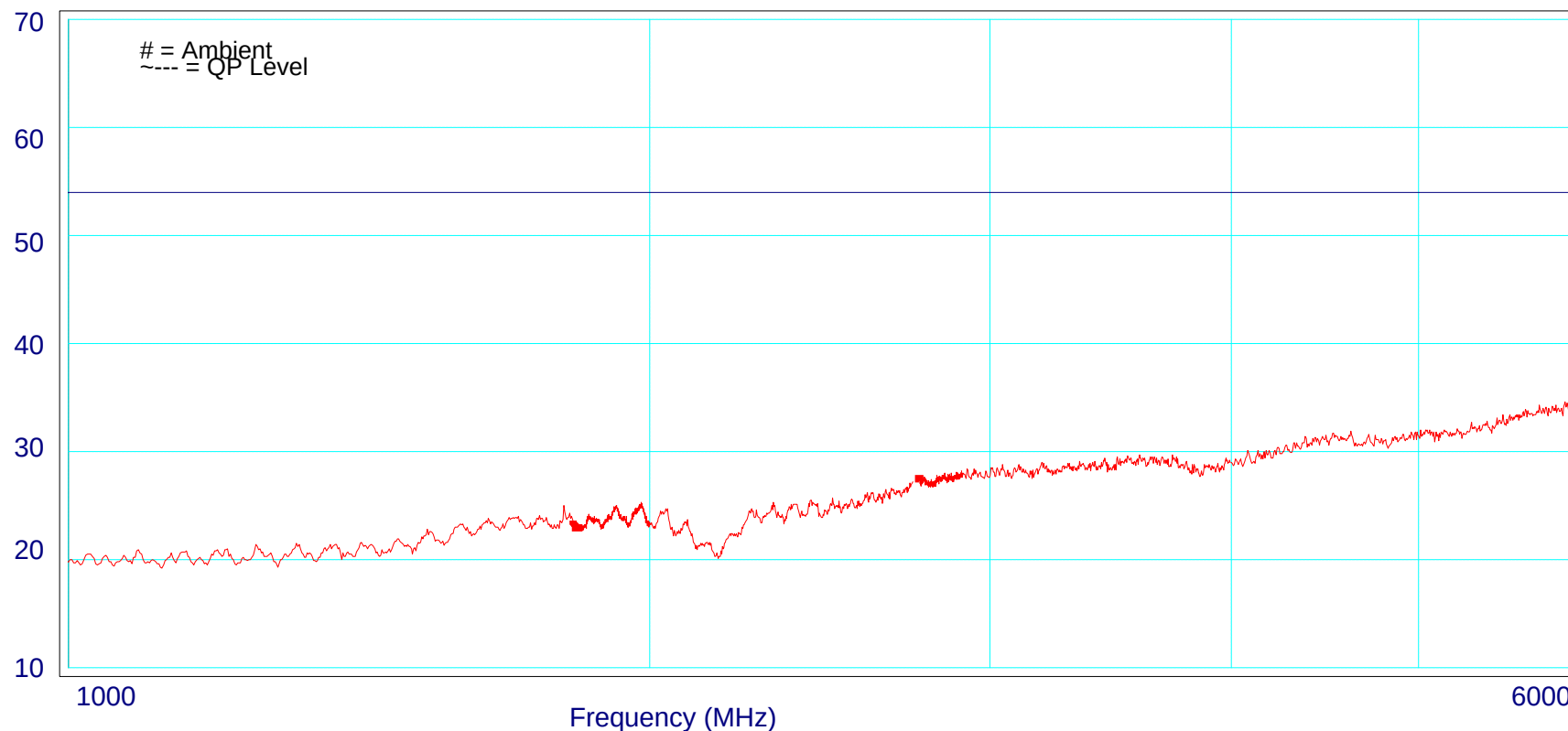
Radiated Emissions dBuV/m Peak

Project No:T11129B

Test Date: 27/11/01

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GRAPH No. 8



CHK Wireless Technologies Australia Pty Ltd
Electricity Measurement Device
Model No: PAC Serial No: 01045023
EUT Receiving FCC ID: P3D LT40-PAC-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:
11129r1b 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

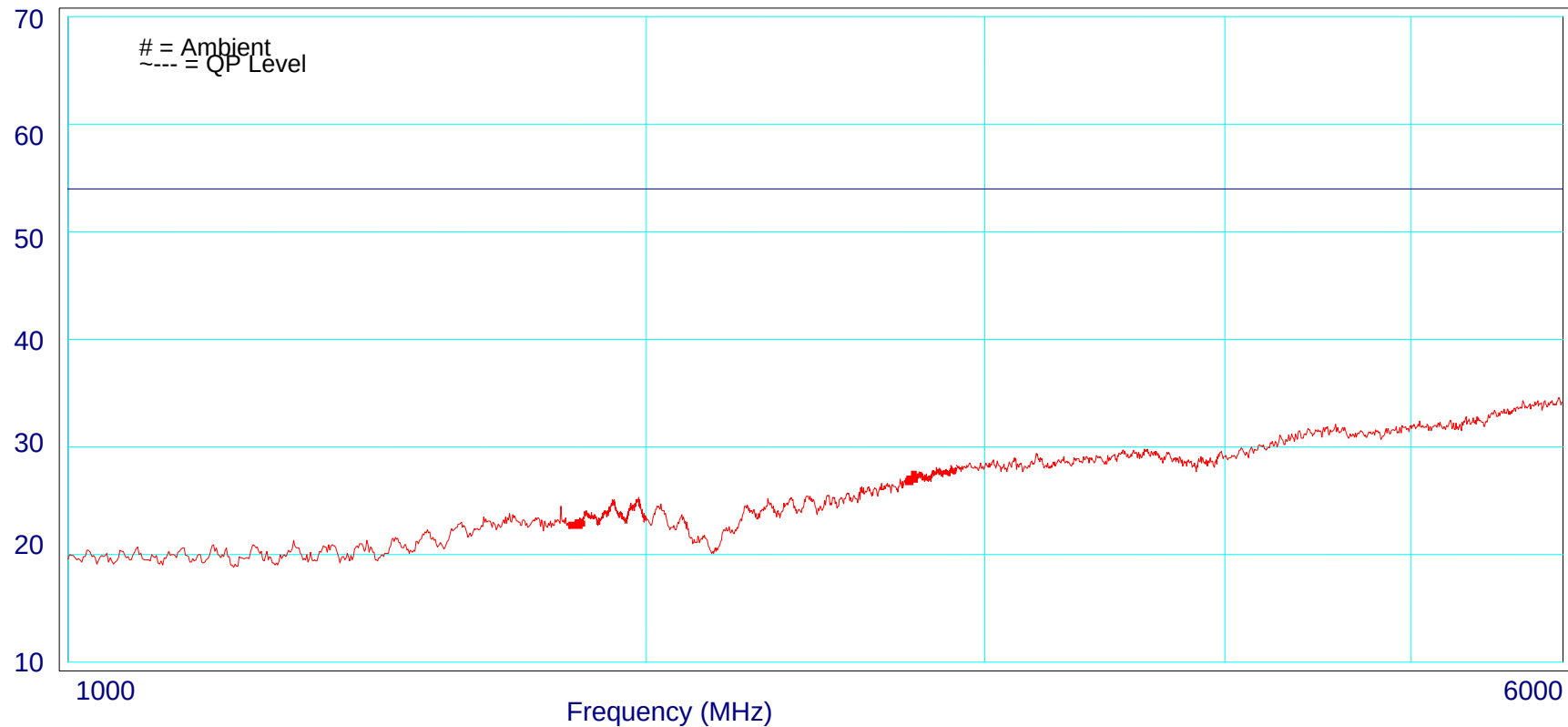
Radiated Emissions dBuV/m Peak

Project No:T11129B

Test Date: 27/11/01

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GRAPH No. 9



CHK Wireless Technologies Australia Pty Ltd
Electricity Measurement Device
Model No: PAC Serial No: 01045023
EUT Receiving FCC ID: P3D LT40-PAC-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:
11129r1b 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