

APPENDIX I OF TEST REPORT T110807_F

GRAPHS OF EMI MEASUREMENT

FCC ID: ZT7-CVM-CSLV
Manufacturer: Syndetic Pty Ltd
Test Sample: Wireless Sensor Module
Model Number: CVM-CSLV-R07
Serial Number: None

Date: 30th August 2011

APPENDIX I**GRAPHS OF EMI MEASUREMENT****RADIATED EMI**

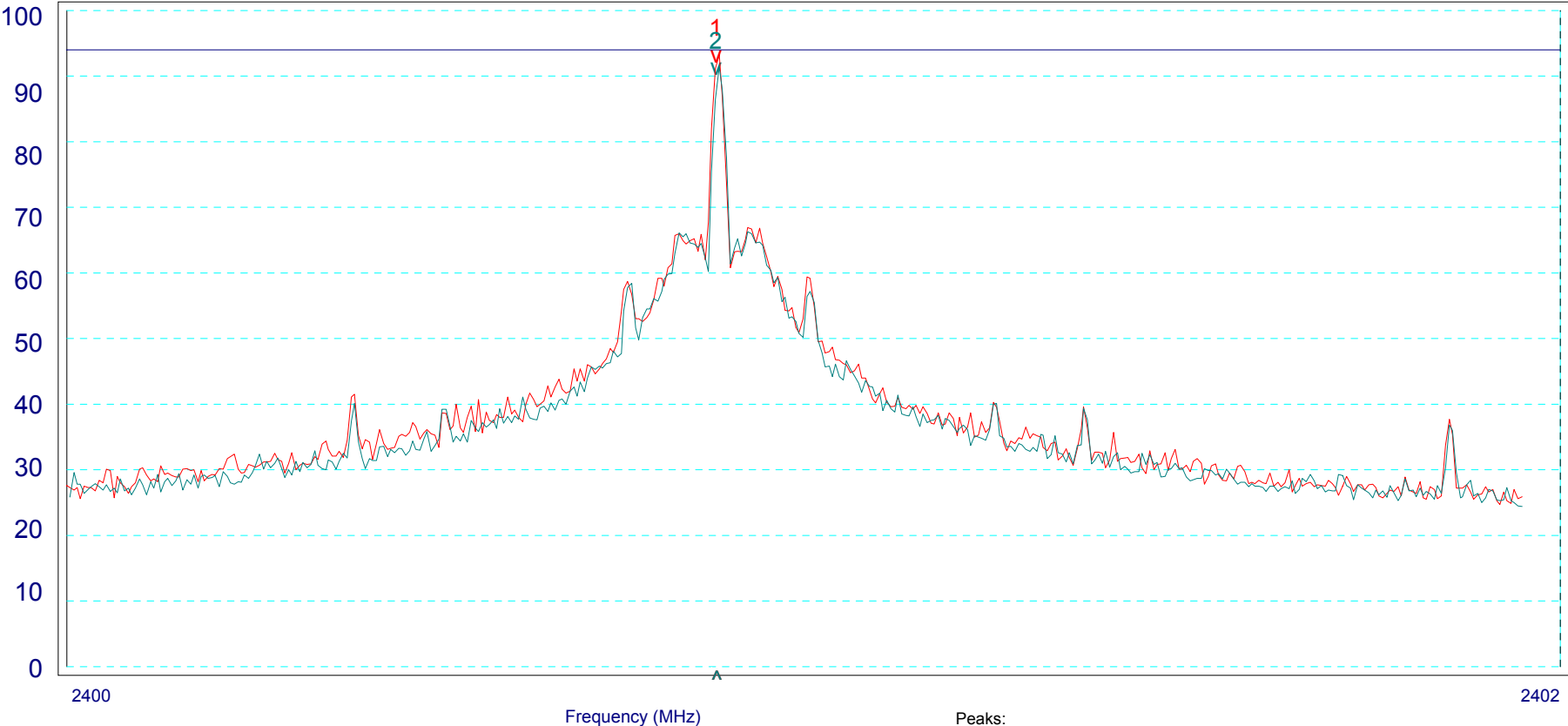
Graph 1:	Low Channel	2400 to 2400 MHz
Graph 2:	Mid Channel	2440 to 2442 MHz
Graph 3:	High Channel	2481 to 2483 MHz
Graph 4:	Vertical Antenna Polarisation	29 to 1000 MHz
Graph 5:	Horizontal Antenna Polarisation	29 to 1000 MHz
Graph 6:	Vertical Antenna Polarisation	1000 to 18000 MHz
Graph 7:	Horizontal Antenna Polarisation	1000 to 18000 MHz
Graph 8:	Vertical Antenna Polarisation	18000 to 25000 MHz
Graph 9:	Horizontal Antenna Polarisation	18000 to 25000 MHz

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FCC Class B
Radiated Emissions (dBuV/m)
= Ambient

Job No:T110807 P:\PCF\T11807_1.PCF
Test Date: 15-08-2011

GRAPH No. 1



MIPAC
Wireless Sensor Module
Model: CVM-CSLV-R07 Serial: None
Low Ch 2401MHz

Limits:
Fcc15249b FCC 15.249 b (2400-2483.5MHz) Intentional Radiator Limits

Legend:
— Vertical Emissions
— Horizontal Emissions

Ver 5.5 Build 160
Colo Radiated Test Setup 3m 1 - 12.5GHz
t:A3240112 c1:C0240212 c2:NONE p:NONE a:NONE
Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW
Test Officer:Dale Matthews

Source:
T110807r1
T110807r6

EMC Technologies (Sydney) 3/87 Station Rd, Seven Hills, NSW, 2147, NSW, Australia
Phone +(612) 9624 2777 Fax+(612) 9838 4050

Peaks:				
No	Freq (MHz)	Peak (dBuV/m)	Fcc15249b (dBuV/m)	dL1 (dB)
1	2400.87	93.3	94.0	-7
2	2400.87	91.4	94.0	-2.6

MIPAC

Wireless Sensor Module

Model: CVM-CSLV-R07 Serial: None

Mid Ch 2441MHz

Limits:

Fcc15249b

FCC 15.249 b (2400-2483.5MHz) Intentional Radiator Limits

Legend:

Vertical Emissions

Horizontal Emissions

Ver 5.5 Build 160

Colo Radiated Test Setup 3m 1 - 12.5GHz

t:A3240112 c1:C0240212 c2:NONE p:NONE a:NONE

Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW

Test Officer:Dale Matthews

Source:

T110807r2

T110807r5

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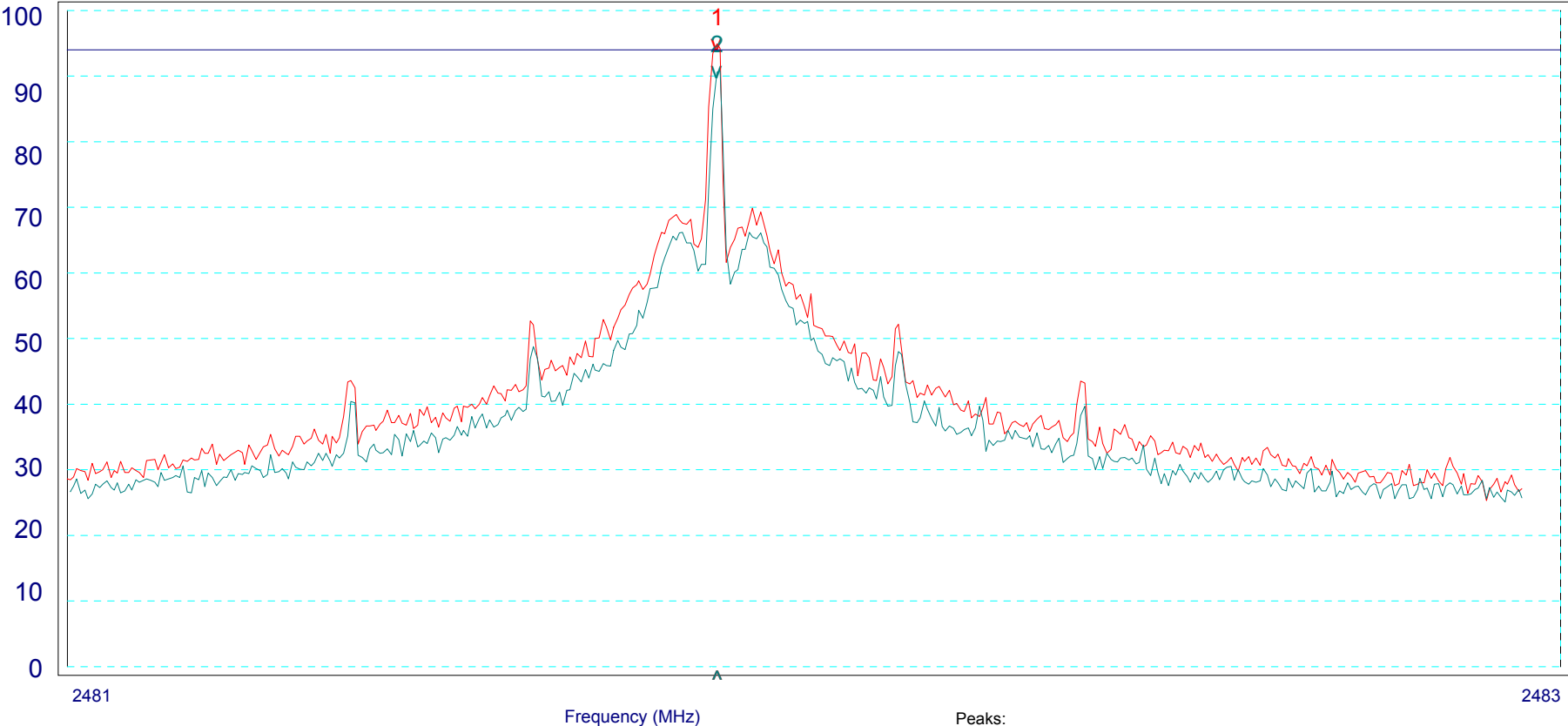
No Freq (MHz)	Peak (dBuV/m)	Fcc15249b (dBuV/m)	dL1 (dB)
1	2440.87	93.4	-6
2	2440.87	90.6	-3.4

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FCC Class B
Radiated Emissions (dBuV/m)
= Ambient

Job No:T110807 P:\PCF\T11807_3.PCF
Test Date: 15-08-2011

GRAPH No. 3



MIPAC
Wireless Sensor Module
Model: CVM-CSLV-R07 Serial: None
High Ch 2482MHz

Peaks:				
No	Freq (MHz)	Peak (dBuV/m)	Fcc15249b (dBuV/m)	dL1 (dB)
1	2481.87	94.9	94.0	.9
2	2481.87	90.8	94.0	-3.2

Limits:
Fcc15249b FCC 15.249 b (2400-2483.5MHz) Intentional Radiator Limits

Legend:
— Vertical Emissions
— Horizontal Emissions

Ver 5.5 Build 160
Colo Radiated Test Setup 3m 1 - 12.5GHz
t:A3240112 c1:C0240212 c2:NONE p:NONE a:NONE
Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW
Test Officer:Dale Matthews

Source:
T110807r3
T110807r4

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FCC Class B

Radiated Emissions (dBuV/m)

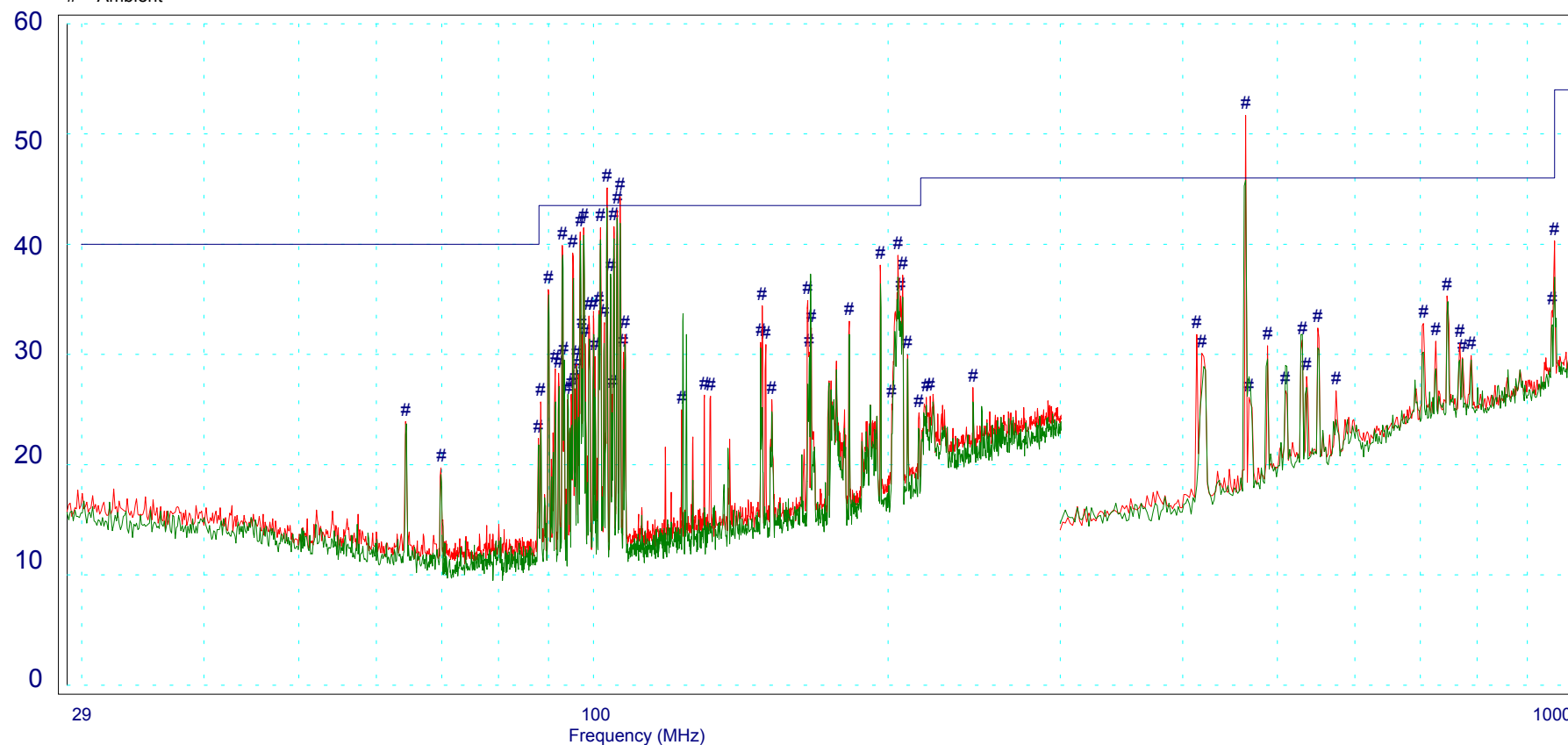
= Ambient

Job No:T110807

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Test Date: 17-08-2011

GRAPH No. 4



MIPAC
Wireless Sensor Module
Model: CVM-CSLV-R07 Serial: None
with internal 3.6 volt Dcell battery

Limits:
FCC-B3 FCC CLASS B RAD 3M LIMITS

Legend:
Vertical Ambients
Vertical Emissions

Ver 5.5 Build 158
Colo Radiated Test Setup
t:A0690113 c1:C0200312 c2:NONE p:A0960512 a:NONE
Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW
Test Officer: Alan Wilcox

Source:
110807r11, 2, 3, 4, 5, 11
110807r115, 16, 17, 18, 19, 14

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FCC Class B

Radiated Emissions (dBuV/m)

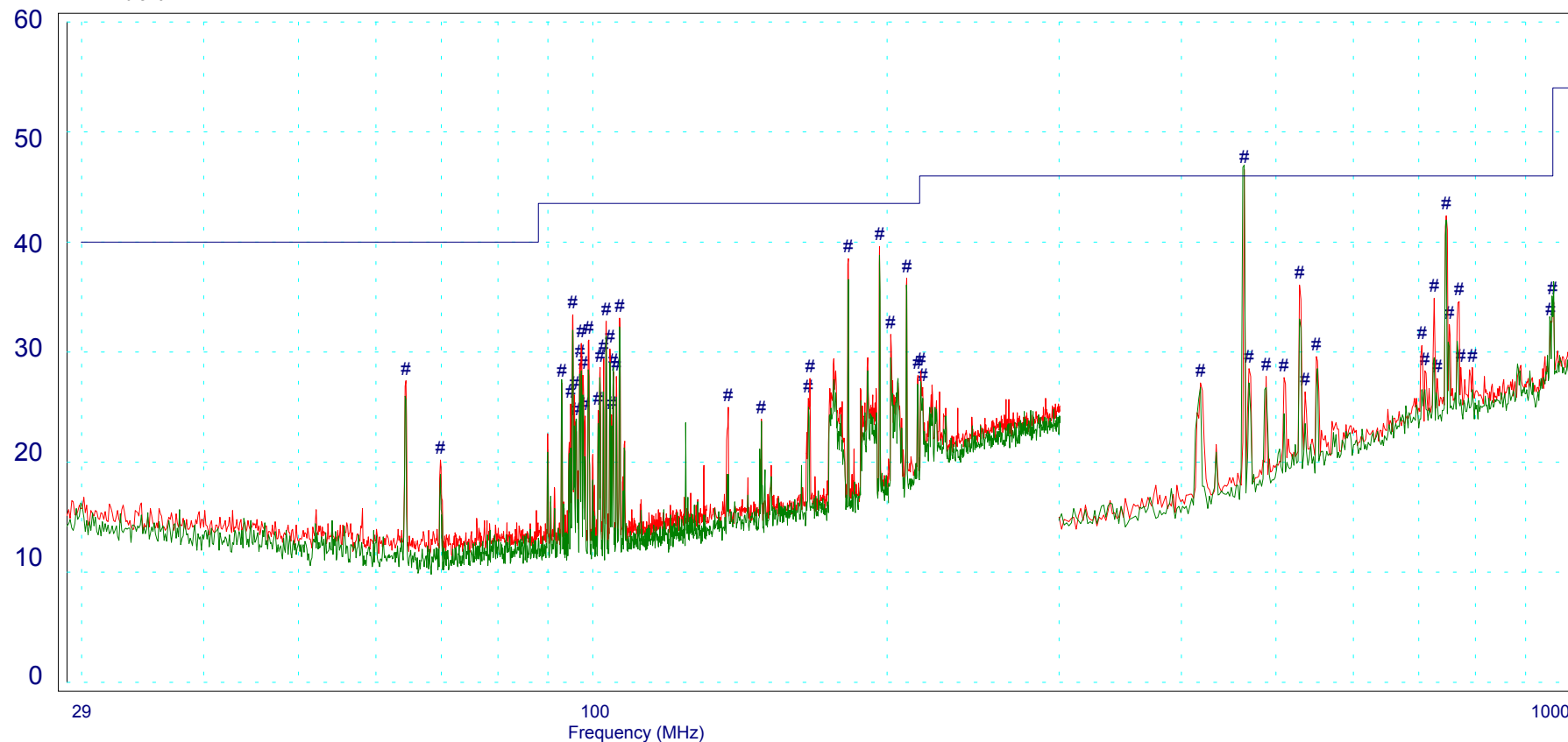
= Ambient

Job No:T110807

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Test Date: 17-08-2011

GRAPH No. 5



MIPAC
Wireless Sensor Module
Model:CVM-CSLV-R07 Serial: None
with internal 3.6 volt Dcell battery

Limits:
FCC-B3 FCC CLASS B RAD 3M LIMITS

Legend:
— Horizontal Ambients
— Vertical Emissions

Ver 5.5 Build 158
Colo Radiated Test Setup
t:A0690113 c1:C0200312 c2:NONE p:A0960512 a:NONE
Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW
Test Officer: Alan Wilcox

Source:
110807r16 , 7 , 8 , 9 , 10 , 12
110807r120 , 21 , 22 , 23 , 24 , 13

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FCC Class B

Radiated Emissions (dBuV/m)

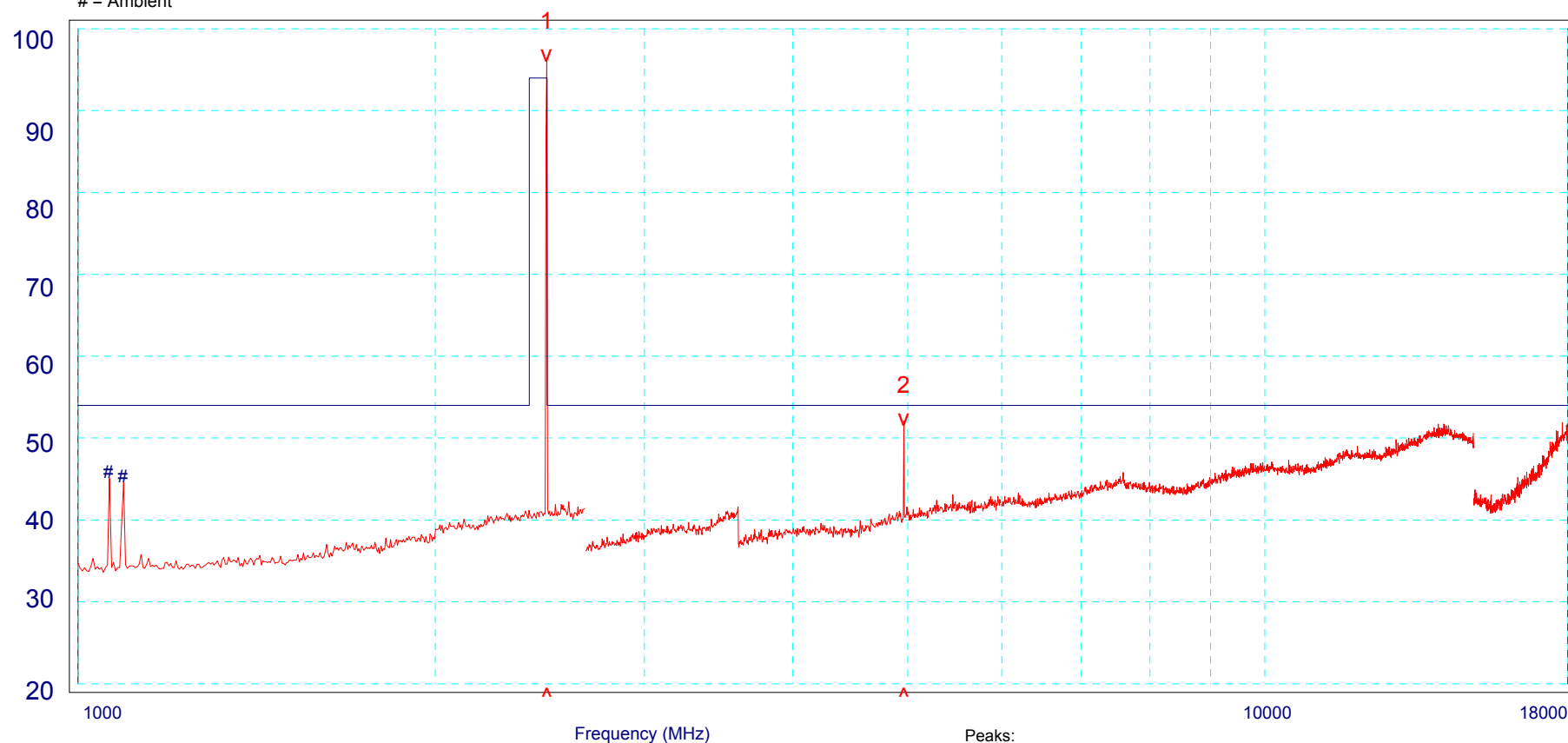
= Ambient

Job No:T110807

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Test Date: 15-08-2011

GRAPH No. 6



MIPAC

Wireless Sensor Module

Model: CVM-CSLV-R07 Serial: None

Power Source: 3.6V Internal Battery

Limits:

Fcc15249b

FCC 15.249 b (2400-2483.5MHz) Intentional Radiator Limits

Legend:

— Vertical Emissions

Ver 5.5 Build 160

Colo Radiated Test Setup 3m 1 - 12.5GHz

t:A3240112 c1:C0240212 c2:NONE p:NONE a:NONE

Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW

Test Officer:Dale Matthews

Source:

T110807r7 , 17 , 18 , 19 , 20 , 21 , 22 , 23

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FCC Class B

Radiated Emissions (dBuV/m)

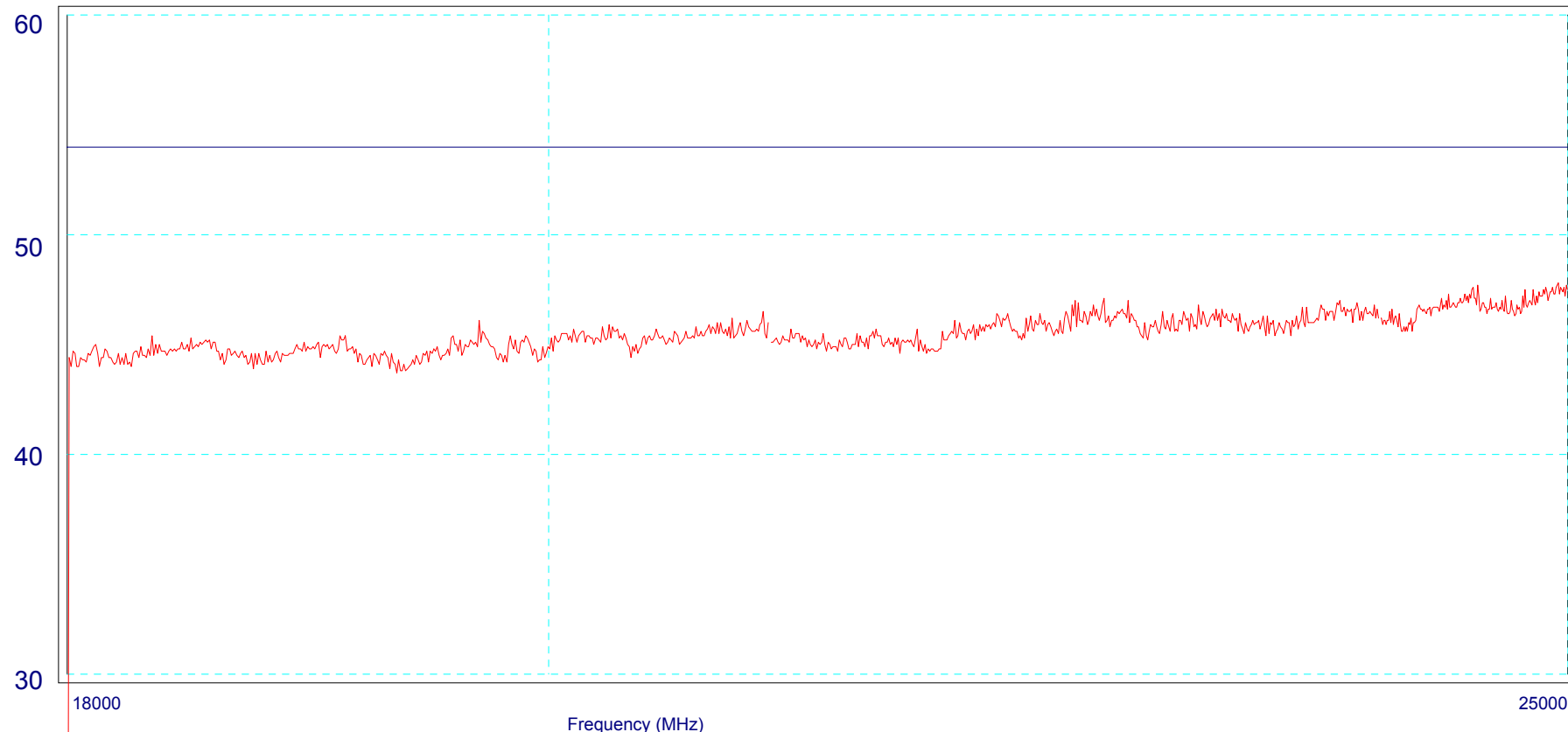
= Ambient

Job No:T110807

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Test Date: 15-08-2011

GRAPH No. 8



MIPAC
Wireless Sensor Module
Model: CVM-CSLV-R07 Serial: None
Power Source: 3.6V Internal Battery

Limits:
Fcc15249b FCC 15.249 b (2400-2483.5MHz) Intentional Radiator Limits

Legend:
— Vertical Emissions

Ver 5.5 Build 160
Radiated Test Setup 3m 1 - 26.5GHz
t:A3051210 c1:C4130311 c2:NONE p:NONE a:NONE
Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW
Test Officer:Dale Matthews

Source:
T110807r40 ,41 ,42

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FCC Class B

Radiated Emissions (dBuV/m)

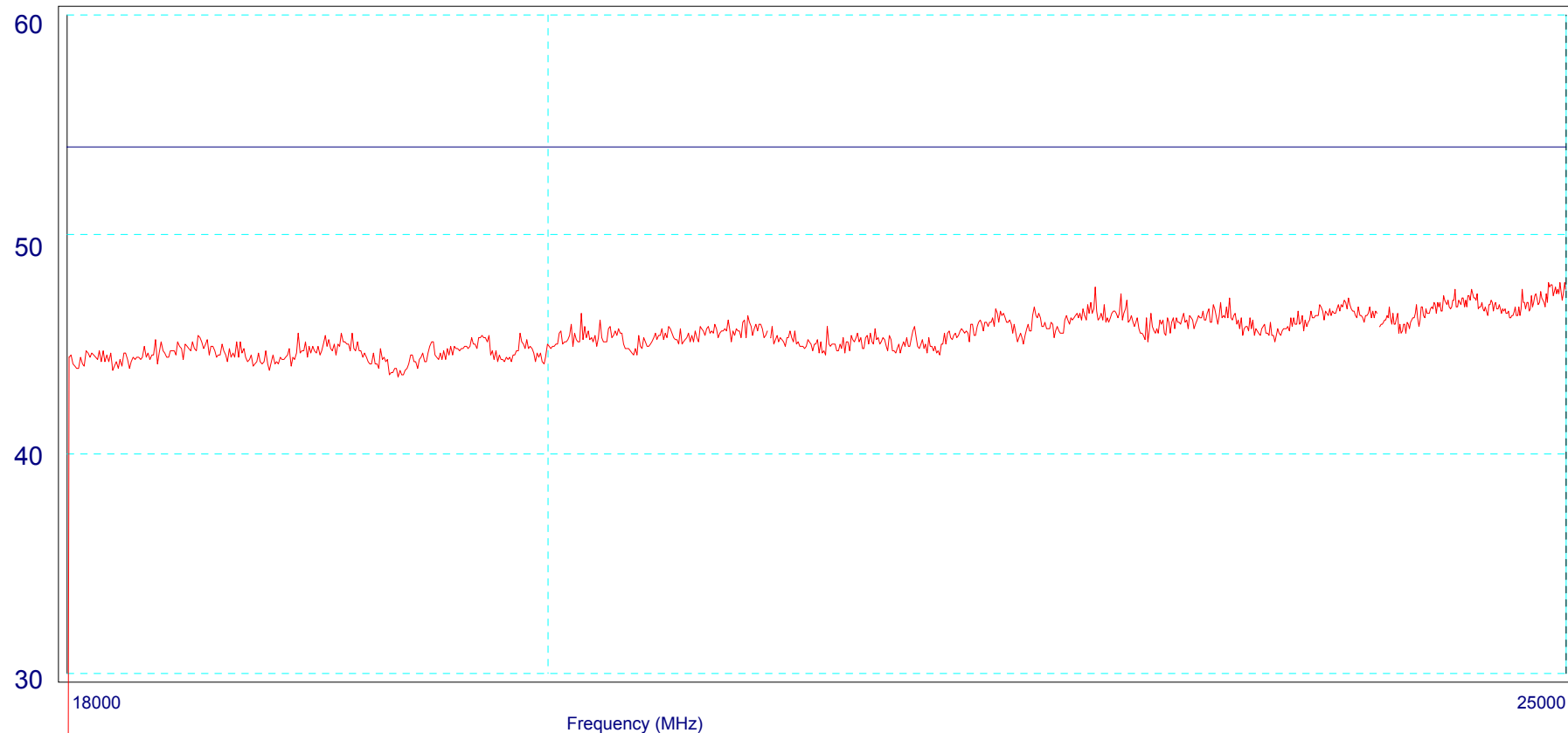
= Ambient

Job No:T110807

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Test Date: 15-08-2011

GRAPH No. 9



MIPAC
Wireless Sensor Module
Model: CVM-CSLV-R07 Serial: None
Power Source: 3.6V Internal Battery

Limits:
Fcc15249b FCC 15.249 b (2400-2483.5MHz) Intentional Radiator Limits

Legend:
Horizontal Emissions

Ver 5.5 Build 160
Radiated Test Setup 3m 1 - 26.5GHz
t:A3051210 c1:C4130311 c2:NONE p:NONE a:NONE
Site ID: OATS#1,1247 Upper Colo Rd. Colo, NSW
Test Officer:Dale Matthews

Source:
T110807r43 ,44 ,45

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