EXHIBIT 2B

Test Report Provided by NTS

Applicant: Nortel Networks

For Original Equipment Certification on:

AB6NT1900MFRM2-FP

Product Integrity Laboratory

5151-47th Street, NE
Calgary, Alberta T3J 3R2
Tel: (403) 568-6605
Fax : (403) 568-6970

Emissions Test Report
Project Code CG-05-0038
(Report CG-05-0038-0)

Nortel 1900 MFRM-2 Optimization FCC Part 24 Report

Revision: 2

August 8, 2005

Prepared for: Nortel Networks

Author: Stephen Ching
EMC Technician

Approved by: Nick Kobrosly
Director of Operations

Report Summary

NTS Canada

Product Integrity Laboratory
5151-47th Street, N.E. Calgary Alberta T3J 3R2

Accreditation Numbers: FCC 101386
IC 46405-3978 File # IC3978-2
Standards Council of Canada Accredited Laboratory No. 440

Performed For: Nortel Networks Inc.
5050-40th Street, N.E.
Calgary Alberta T3J 4P8
Phone (403) 769-4103

Customer Representative: Daryl Therens

EUT Description:

EUT	Name	Model	Revision	Serial Number
	1900 MFRM-2 Optimization	See equipment list in Section 2.1.1		

Test Summary

Standards		Description & Range	Deviations* from:			Pass / Fail	Criteria
Base	Test Basis		Base Standard	Test Basis	NTS Procedure		
Configuration: 3 Astec; 3 Acbel; A band duplex; -48VDC							
FCC CFR 47 Part 24	ANSI C63.4	Radiated E-Field Emissions 30 MHz – 18 GHz	No	No	No	PASS	Subpart E

*Deviation details are outlined in the applicable appendix of this report

Test Log and Signatures

Test Case	Start	End	Tester / Date
Configuration - 3 Astec; 3 Acbel; A band duplex; -48VDC			
Radiated Emissions 30 MHz – 18 GHz FCC CFR 47 Part 24	May 18, 2005	May 18, 2005	Adrian Wong, Design Verification Technician

The test outlined may not be inclusive of all testing required by the Base Standards or fulfill the applicable regulatory requirements in their entirety.

Test Result: The product presented for testing complied with test requirements as shown above.

Prepared By: Stephen Ching 2005.08.08 15:46:34 -06'00'

Stephen Ching
EMC Technician

Checked By: Alex Mathews 2005.08.08 14:42:04 -06'00'

Alex Matthews
Product Integrity Specialist

Table of Contents

REGISTER OF REVISIONS

Revision	Date	Description of Revisions
0	July 13, 2005	Draft release for review
1	July 27, 2005	Changes after customer request
2	August 8, 2005	Changes after customer request

1.0 INTRODUCTION

1.1 PURPOSE

The purpose of this document is to describe the tests applied by NTS Canada to demonstrate compliance of Nortel Network's 1900 MFRM-2 Optimization to the applicable Electromagnetic Compatibility (EMC) standards as outlined in section 1.3.

The test outlined may not be inclusive of all testing required by the Base Standards or fulfill the applicable regulatory requirements in their entirety.

The client directed the operation and configuration of the system under test and was responsible for its monitoring and proper operation during the testing,

1.2 ABBREVIATIONS AND DEFINITIONS

The following are the abbreviations and definitions that may be relevant to this document.

Abbreviation	Explanation
A	Amps
AC	Alternating Current
AE	Ancillary Equipment
AF	Antenna Factor
ANSI	American National Standards Institute
AWG	American Wire Gauge
BTS	Base Transceiver Station
C	Celsius
CAM	Customer Alarm Module
CDMA	Code Division Multiple Access
CEM	Channel Element Module
CF	Correction Factor
CFR	Code of Federal Regulations
CH	Channel
CISPR	Comite International Special des Perturbations Radioelectriques (The International Special Committee on Radio Interference)
CL	Cable Loss
cm	centimetre
CM	Control Module
dB	Decibel
dBm	Decibel relative to 1 milliwatt
dBµV	Decibel relative to 1 microvolt
DC	Direct Current
DM	Digital Module
EMC	Electromagnetic Compatibility
EMI	Electromagnetic Interference
EN	European Norms
EUT	Equipment Under Test
FCC	Federal Communications Commission
FRU	Flexible Radio Unit
GHz	Gigahertz
GPS	Global Positioning System

GPSTM	Global Positioning System Timing Module
GR	Generic Requirements
Hpol	Horizontal Polarization
HSSL	High Speed Serial Link
Hz	Hertz
IC	Industry Canada
kHz	kilohertz
LO	Local Oscillator
LNA	Low Noise Amplifier
m	Metre
MHz	Megahertz
ms	Milli Second
μV	Microvolts
NTS	National Technical Systems
NA	Not Available
N/A	Not Applicable
PA	Power Amplifier
PI	Product Integrity
PK	Peak
PLL	Phase Lock Loop
P/N	Part Number
PS	Power Supply
PSU	Power Supply Unit
QP	Quasi-Peak
Qty	Quantity
RE	Radiated Emissions
RF	Radio Frequency
RM	Radio Module
Rx	Receive
TDMA	Time Division Multiple Access
TT	Turn Table
Tx	Transmit
V	Volts
VDC	Volts Direct Current
Vpol	Vertical Polarization
W	Watt
XCEM	X Channel Element Module
Zt	Transfer Impedance

Definitions:

Equipment Under Test (EUT): A representative ITE or functionally interactive group of ITE (that is a system), which includes one or more host units and is used for evaluation purposes.

Electromagnetic compatibility (EMC): The ability of an equipment or system to function satisfactorily in its electromagnetic environment without introducing intolerable electromagnetic disturbances to anything in that environment.

1.3 REFERENCES

American National Standards Institute

- ANSI C63.4-2001 — American National Standards for Methods of Measurements of Radio-Noise Emissions from Low Voltage Electrical and Electronic Equipments in the range of 9 kHz to 40 GHz, June 6, 2001
- ANSI C63.4-1992 — American National Standards for Methods of Measurements of Radio-Noise Emissions from Low Voltage Electrical and Electronic Equipments in the range of 9 kHz to 40 GHz, July 17, 1992

US Code of Federal Regulations

- 47 CFR Part 24 — Federal Communications Commission, Part 24

NTS Documentation

- NTS Radiated Emissions 1GHz – 18GHz Manual Test Method E006R4

2.0 EUT

2.1 CONFIGURATION

Description of EUT

	Name	Model	Revision	Serial Number
EUT	Configuration 1 Metro Cell BTS with three Astec and three Acbel MPSAs	See equipment list in Section 2.1.1		
Classification	Floor Standing			
Size (m)	2.13m high; 1.37m wide; 0.74m deep per frame			
Weight	< 450 kg			
Power	(+24 VDC; 25 A; per shelf) and (-48 VDC; 12 A; per shelf)			
Functional Description	**MPSA** The MPSA (Astec and Acbel) are used in MFRM2 and provides output voltages of +27V - programmable - (herein referred to as the +VPA output), +27VF - programmable - (herein referred to as the +VF output) for the cooling fans, and additional outputs of +5V, +15V and an additional separate +5V output. • Compatible with 24V and 48V telecom voltage standards • Low input shutdown and automatic recovery with hysteresis • Input inrush current limiting • Input EMC filtering • Input reverse polarity protection • Lightning surge suppression • Output over voltage shutdown on all outputs (latching) • Output fault alarms for all outputs (except +5VD) • Output over current protection on all outputs (non-latching) • Over temperature protection with hysteresis (non-latching) • Remote sense capability on the +VPA output • Input Power Cable termination. **MFRM2 1900MHz** The MFRM2 1900Mhz provides the radio channel compensation and RF conversion. The Tx and Rx frequency ranges are 1930-1990MHz and 1850-1910MHz respectively. Once the MFRM2 is configured it becomes a data processing pipe with little activity that is not OAM related. Forward Link: - Uses different RF carrier frequencies to transmit the CDMA signals generated by the CEM's. Reverse Link: - Amplifies, filters and down converts signals received from CDMA mobiles so that the CEM's can convert those signals into received data.			

Physical Description	A 7' high indoor rack was used for the testing. See Figure 1. Six MFRM2 1900MHz were used. Shelf 1 to 3 (bottom three) used Acbel MPSAs, and Shelf 4 to 6 (top three) used Astec MPSAs. The 1900MHz MFRM2s were configuration as 6 carriers and 3 sectors.
Functional Description	Configuration 1, which was used for radiated test cases, had 6 MFRM-2 radios loaded and fully functional running at -48 VDC.

2.1.1 SET UP CONFIGURATION

Description	Serial Number	PEC
Shelf Six (Top Shelf)		
DPM	CLWVPP205AED	NTGS53JA 06
EFAM	NNTM7860BMJU	NTGY60DD N2
Optimized MFRM2 (AcBel MPSA)	NNTM536G36DF	NRGY30BA P3
Shelf Five		
DPM	CLWVPP203TFV	NTGS53GA 06
EFAM	N/A	N/A
Optimized MFRM2 (AcBel MPSA)	NNTM536G36FH	NRGY30BA P3
Shelf Four		
DPM	CLWVPP203TFG	NTGS53GA 06
EFAM	NNTM7860BMLW	NTGY60DD N2
Optimized MFRM2 (AcBel MPSA)	NNTM536G36EG	NRGY30BA P3
Shelf Three		
DPM	CLWVPP202VV5	NTGS53GA 05
EFAM	N/A	N/A
Optimized MFRM2 (Astec MPSA)	NNTM536G3679	NRGY30BA P3
Shelf Two		
DPM	CLWVPP2020KM	NTGS53JA 05
EFAM	NNTM7860BMKL	NTGY60DD N2
Optimized MFRM2 (Astec MPSA)	NNTM536G369B	NRGY30BA P3
Shelf One (Bottom Shelf)		
DPM	CLWVPP203WRU	NTGS53JA 06
FAN	NNTM532XLH9H	NTGY60AD 01
Optimized MFRM2 (Astec MPSA)	NNTM536G36CE	NRGY30BA P3

The setup of the EUT on the 10m chamber turn table is shown in Figure 1 to 3. Setup of the EUT was conducted by the customer.

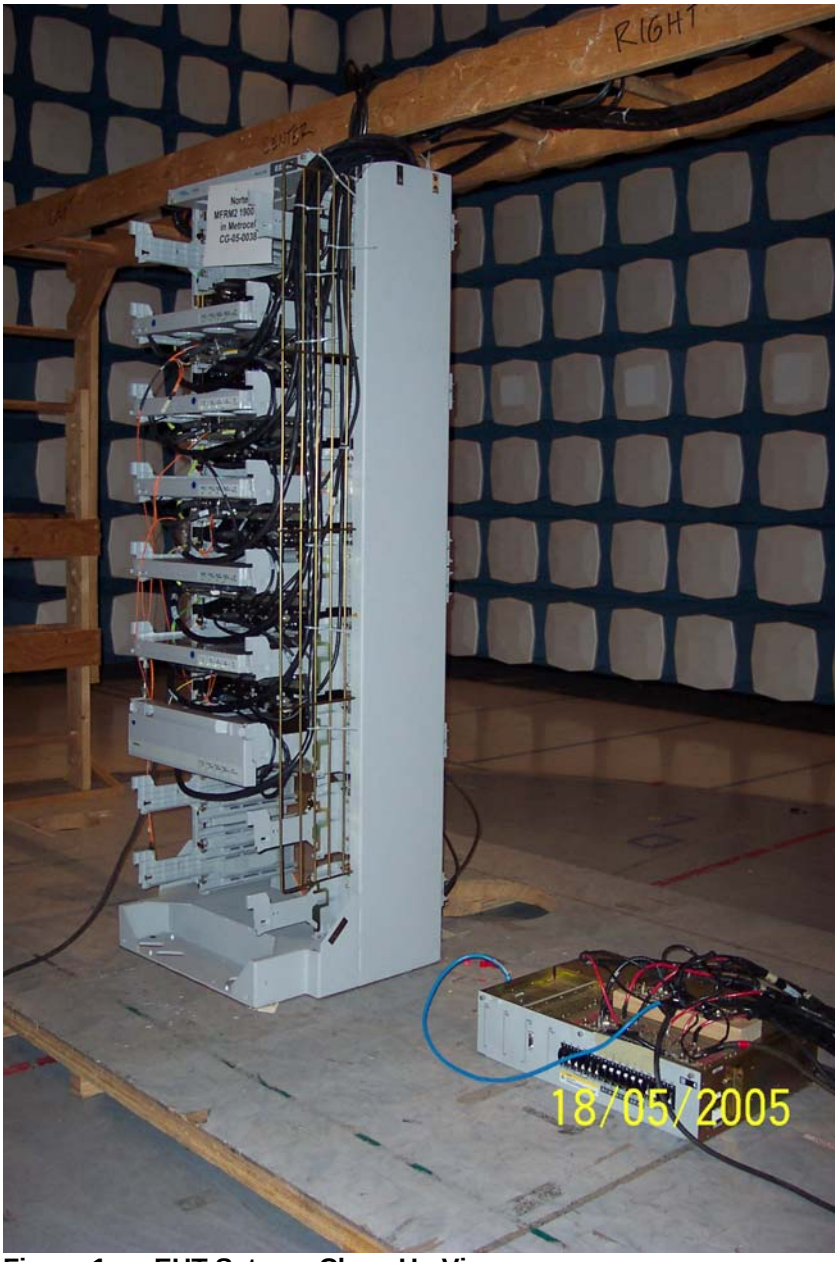

Figure 1 EUT Setup – Close Up View

Figure 2 EUT Setup – Front View

Figure 3 EUT Setup – Rear View

2.1.2 TEST PLAN CONFIGURATION DEVIATIONS

None.

2.1.3 EUT POWER

Configuration

Voltage	-48 VDC
Number of Feeds	6 (Run in parallel from Hubble A feeds 1 and 2)
Gauge of cable	8 AWG
Current Draw	12 A per shelf
Special Requirements	The power was run into a BIP in parallel from Hubble A DC feeds 1 and 2. The BIP was used to provide electrical protection, breakers, for each of the radios. From the BIP, the power was supplied to the EUT through 6 shield 2/8 (2 conductor 8 AWG) power cords, one per radio module.

2.1.4 TEST PLAN POWER DEVIATIONS

None

2.2 CABLES

EUT Cable List

Quantity	Model	Routing		Shielded / Unshielded	Description	Cable Length (m)
		From	To			
4	NTGS0120	CORE (Support Room)	RM's	Unshielded	Fiber	NA
1	NTGS3525	CORE (Support Room)	RM's	Unshielded	Fiber	NA
1	NTGS8082	MFRM1	BIP	Shielded	MFRM Power Cable	10.7
1	NTGS8082	MFRM2	BIP	Shielded	MFRM Power Cable	10.7
1	NTGS8082	MFRM3	BIP	Shielded	MFRM Power Cable	10.7
1	NTGS8082	MFRM4	BIP	Shielded	MFRM Power Cable	10.7
1	NTGS8082	MFRM5	BIP	Shielded	MFRM Power Cable	10.7
1	NTGS8082	MFRM6	BIP	Shielded	MFRM Power Cable	10.7

2.2.1 TEST PLAN CABLE LIST DEVIATIONS

None indicated by the customer.

2.3 FREQUENCIES

EUT Frequency List

Module / Component	Frequency (MHz)
Astec MPSA	0.1, 0.25
Acbel MPSA	0.33
Chip (fc)	1.2288
Digital LO	9.8304
Reference LO	19.2
Frame Pulse to Channelizers (16fc)	19.6608
PLLs	24
Baseband Data to Channelizers (32fc)	39.3216
Clock Recovery (52fc)	63.896
Distorted I and Q to DACS (64fc)	78.6432
Optical (520fc)	638.976

2.3.1 TEST PLAN FREQUENCY LIST DEVIATIONS

None.

2.4 EUT SOFTWARE

Software Name	Software Release Number	Software Configuration
Vortex 12.1C w/DD Load	121ddva	6 Carrier 3 Sector

2.5 MODE OF OPERATION

As defined by Nortel Networks, the EUT was operated in a typical manner. During testing, the customer monitored the system operation. See Section 2.4 for software mode of operation information. Six MFRM2 1900MHz were used. The 1900MHz MFRM2s were configuration as 6 carriers and 3 sectors. The radios were set to transmit full RF power. The carriers were all 1xRTT carriers.

2.5.1 TEST PLAN MODE OF OPERATION DEVIATION

None

2.6 PASS / FAIL CRITERIA

The pass/fail criteria are defined by the emission limits outlined in each reference base standard. The specific limits are described in each test appendices of this report.

3.0 SUPPORT EQUIPMENT

3.1 CONFIGURATION

All support equipment information was supplied by the client and was not verified by NTS.

Co-Located Support Equipment/Assemblies

Position	Qty	Description	P/N	Serial Number
Beside Hubble A	1	BIP	NTGS47AB 05	SNMN53002PE8

Offsite Support Equipment/Assemblies

10m Support Room

Position	Qty	Description	P/N	Serial Number
-	1	BIP	NTGS47AD 04	NNTM74XL0EX7
XCEM 1	1	XCEM 64	NA	NA
XCEM 2	1	XCEM 32	NRBW70AA N4	NNTM536G2CNW
XCEM 3	1	XCEM 64	NPRZ80AA N5	NNTM536G2C3A
XCEM 4	1	XCEM 64	NTBW70BA 15	NNTM538HGTT0
XCEM 5	1	XCEM 64	NTBW70BA 14	NNTM538D9TNH
XCEM 6	1	XCEM 64	NTBW70BA 51	NNTM538L67XA
XCEM 7	1	XCEM 64	NTBW70BA 19	NNTM538HKWW9
XCEM 8	1	XCEM 64	NTBW70BA 51	NNTM538L8DPB
XCEM 9	1	XCEM 64	NTBW70BA 15	NNTM538HGNCE
1	1	TIIM	NA	NA
2	1	GPSTM	NTGS50AA 14	NNTM74TM3HMN
4	1	CM	NTGS40AA DL	NNTM535RHNDM
5	1	CM	NTGS40AA EX	NNTM538D5V0R
6	1	CORE	NTBW30AA 12	NNTM5387R62K
7	1	CORE	NPBW30AA R3	NNTM536FYMT6
-	1	Rack	NTGS45BA 12	SNMN53002UGJ
-	1	Digital Shelf	NTGS20AA 09	SNMN53002T2K
-	1	Fan Tray	NTGS18AB 03	EBMI0000051R
-	6	50 Ohm RF Loads	NA	NA

3.2 CABLES

Support Cable List

Quantity	Model	Routing		Description	Cable Length (m)
		From	To		
6	NA	Chamber Bulkhead	Support Room Bulkhead	N Male – N Male Cable	2.14
6	NTMY00CL-SF	Support Room Bulkhead	RF Loads	N Male – N Male Cable	8

3.3 FREQUENCIES

Support Frequency List

Assembly	Signal	Frequency (MHz)
NA		

APPENDICES

APPENDIX A: CONFIGURATION 1: 3 ASTEC 3 ACBEL A BAND DUPLEX; -48VDC RADIATED E-FIELD EMISSIONS – 30 MHZ – 18 GHZ (INTENTIONAL RADIATOR)

A.1. Base Standard & Test Basis

Base Standard	☐	CFR Title 47 – Telecommunications, Chapter I - FCC Part 22 – Public Mobile Services – Subpart H – Cellular Radiotelephone Service
	☒	CFR Title 47 – Telecommunications, Chapter I - FCC Part 24 – Personal Communication Services – Subpart E – Broadband PCS
Test Basis		ANSI C63.4-2001 Methods of Measurement of Radio Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
Test Method	NTS Radiated Emissions Test Method E006R4 NTS Radiated Emissions Signal Substitution Method 30MHz - 20GHz. EMC Test Method 11.0, Revision 01	

A.2. Specifications

Frequency	☐	**47 CFR FCC Part 22**	
	☒	**47 CFR FCC Part 24**	
		Theoretical Peak @ 3m[1]	**ERP[2]**
MHz		**dBµV/m**	**dBm**
1000 - 10000		84.3	-13

Note 1: Calculated using: Pd-(43 + 10 log(Pw)
where Pd is the EUT power in dBm and Pw is the EUT power in watts
Note 2: Calculated using: 120+20log(SQRT(49.2*Pw)/3)
where Pw is the EUT power in watts

A.3. Measurement Uncertainty

Frequency Range	**Measurement Uncertainty (dB)**	**Expanded Uncertainty (K=2) (dB)**
30 MHz – 1 GHz	+2.32/-2.36	+4.65/-4.72
1 GHz – 10 GHz	+3.48/-3.51	+6.96/-7.02

A.4. Deviations

Deviation Number	**Time & Date**	**Description and Justification of Deviation**	**Deviation Reference**			**Approval**
			Base Standard	**Test Basis**	**NTS Procedure**	
None						

A.5. Radiated Emissions Measurement Equipment

Radiated Emissions 30 MHz – 18 GHz Measurement Equipment

Description	Manufacturer	Type/Model	Asset #	Cal Due	Cal Date
10m ANECHOIC CHAMBER					
Horn Antenna (Rx) 1 G – 18 G	☒ EMCO	3115	260092	16JUN05	16JUN04
Standard Gain Horn (Rx) 5.95 G – 8.2G	☐ EMCO	3160-06	260090	N/A	27NOV01
Standard Gain Horn (Rx) 8.2G – 12.5 G	☐ EMCO	3160-07	260089	N/A	27NOV01
Standard Gain Horn (Rx) 12.5G – 18 G	☐ EMCO	3160-08	260074	N/A	27NOV01
High pass filter	K&L	11SH10-3860	263124	08JAN06	08JAN04
High frequency Link				07JAN06	07JAN04
Step Attenuator/Switch (0dB & 10 dB)	HP	11713A	260048 260097		
LNA	Miteq	JSD000121	260477		
Cable from LNA to SA	Succoflex	101PEA	263187		
Spectrum Analyzer 9k-40GHz	Rohde & Schwarz	FSEK	260104	05ARP06	05APR05
LNA DC Power Supply	Xantrex	LXO 30-2	260483	NA	NA
HPIB Extender	HP	37204	260096	N/A	N/A
10dB Attenuator	Wiltron	41KC-10	260449	05APR06	05APR04
CONTROL ROOM					
PC with FSEK Manual ctrl S/W	N/A	N/A	N/A	N/A	N/A
HPIB Extender	HP	37204	260168	N/A	N/A
Mast Controller	EMCO	2090	260166	N/A	N/A
Multi Device Controller TT1	EMCO	2090	260165	N/A	N/A
VERIFICATION EQUIPMENT					
Horn Antenna (Tx)	☒ EMCO	3115	260088	N/A	N/A
Signal Generator	☐ Rohde & Schwarz	SMP-04	260425	N/A	N/A
	☐ Rohde & Schwarz	SMIQ		N/A	N/A
	☒ Wiltron	68369B	Serial 691006	N/A	N/A
Cable RX antenna to 3M center bulk head	Succoflex	104	263136	N/A	N/A
Cable 3M center bulk head to Control room	Succoflex	104	263188	N/A	N/A
Cable Control room bulk head to Signal Generator	Succoflex	104	263134	N/A	N/A

Substitution Measurement Equipment

Description	Manufacturer	Type/Model	Asset #	Cal Due	Cal Date
SUBSTITUTION EQUIPMENT					
Horn Antenna (Tx) 1 G – 18 G	☒ EMCO	3115	260091	08NOV05	08NOV04
Signal Generator	☒ Rohde & Schwarz	SMP-04	260425	19MAR06	19MAR03
Cable RX antenna to 3M center bulk head	Succoflex	104	263136	N/A	N/A
Cable 3M center bulk head to Control room	Succoflex	104	263188	N/A	N/A
Cable Control room bulk head to Signal Generator	Succoflex	104	263134	N/A	N/A

A.6. Special Considerations

None

A.7. Test Results

Compliance Scan Summary

Product Integrity Laboratory **V2.5**	**Project Name:**	CG-05-0038	**Tester:** Adrian Wong
	Model:	MFRM2 1900 CR in Metrocell Nortel	**Test ID:** RE03-10m-05-0038
	Comments:	PSU 3xAstec 3xAcbel; A Band Duplex	

Standard FCC Part 24

Polarization	Test Distance (m)	Rx Antenna	Tx Antenna	Frequency	E-Field Peak Emission Level	Substituted Measured Rx Level	Rx AF	Rx Link	Rx FL	Total Rx CF	Det	Substituted Rx E-Field Emission	Signal Generator Output	Tx Ant Num Gain	Tx Cable Loss	Total Tx CF	Effective Radiated Power (ERP)	ERP Limit	ERP Margin	Mast Height
				MHz	dBuV/m	dBuV	dB/m	dB	dB	dB		dBuV/m	dBm	dB	dB	dB	dBm	dBm	dB	cm
Vpol	3	9711-5362	9711-5361	3866.00	67.05	60.93	32.22	-26.27	0.23	6.18	PK	67.11	-31.70	9.63	10.37	-0.74	-31.43	-13.00	**18.43**	144.3
Hpol	3	9711-5362	9711-5361	3866.00	67.43	61.53	32.30	-26.27	0.23	6.25	PK	67.78	-29.30	9.65	10.37	-0.73	-30.03	-13.00	**17.03**	139.90
Vpol	3	9711-5362	9711-5361	5812.77	70.70	59.02	34.23	-22.74	0.52	12.00	PK	71.02	-23.90	13.50	13.03	0.47	-23.43	-13.00	**10.43**	131.40

AF: Antenna Factors Ant: Antenna Link: Link Loss FL: Filter Loss CF: Correction Factor Det: Detector Type Rx: Receive Tx: Transmit
Link = Attenuator Loss+Cable Loss + Amplifier Loss Rx E-Field Emission = Measured Rx Level + AF + Link + FL. ERP = Signal Generator + Tx Num Gain - Tx Cable

E-Field Peak Emissions Level: Corrected level measured from the system
Substituted Measured Rx Level: Uncorrected level measured from substitution transmit antenna
Substituted Rx E-Field Emission: Corrected level measured from the substitution transmit antenna

The EUT is in compliance with the limits as specified above.

Note: There was no Part 24 related frequencies found between 30 MHz and 1 GHz, so data within this frequency span is not included in the report.

A.8. Observations

None

A.9. Deviations from Normal Operating Mode During Test

None

A.10. Sample Calculation

3m Limit = 10m Limit – 20 * log (3/10)
Emission Level = Measured Level + Correction Factors
Margin = Limit – Emission Level
ERP Limit (dBm) = Pd-(43 + 10 log(Pw)
where Pd is the EUT power in dBm and Pw is the EUT power in watts
Theoretical ERP Limit (dBuV/m) 120+20log(SQRT(49.2*Pw)/3)
where Pw is the EUT power in watts

A.11. Test Data & Photographs

The test data and photographs collected during this test appear following this page.

A.12. Tested By

This testing was conducted in accordance with the ISO 17025:1999 scope of accreditation, table 1; Quality Manual.

Name: Adrian Wong
Function: Design Verification Technician

Figure 4 RE 1 GHz - 18 GHz EUT Configuration

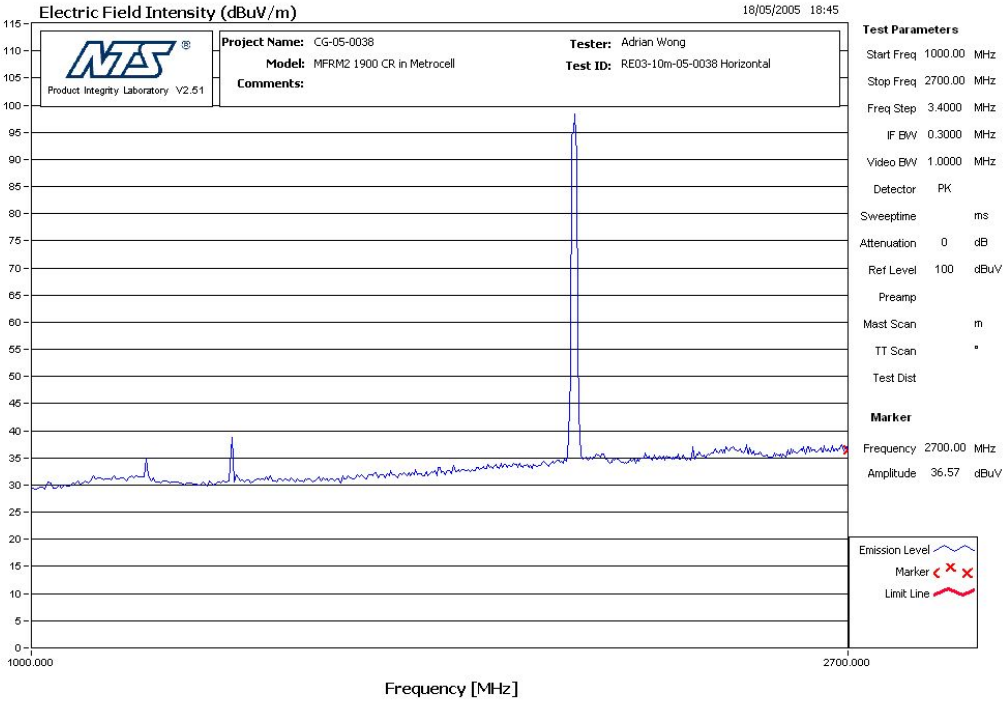

Figure 5 RE - Horizontal – 1 GHz – 2.7 GHz Pre-scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied

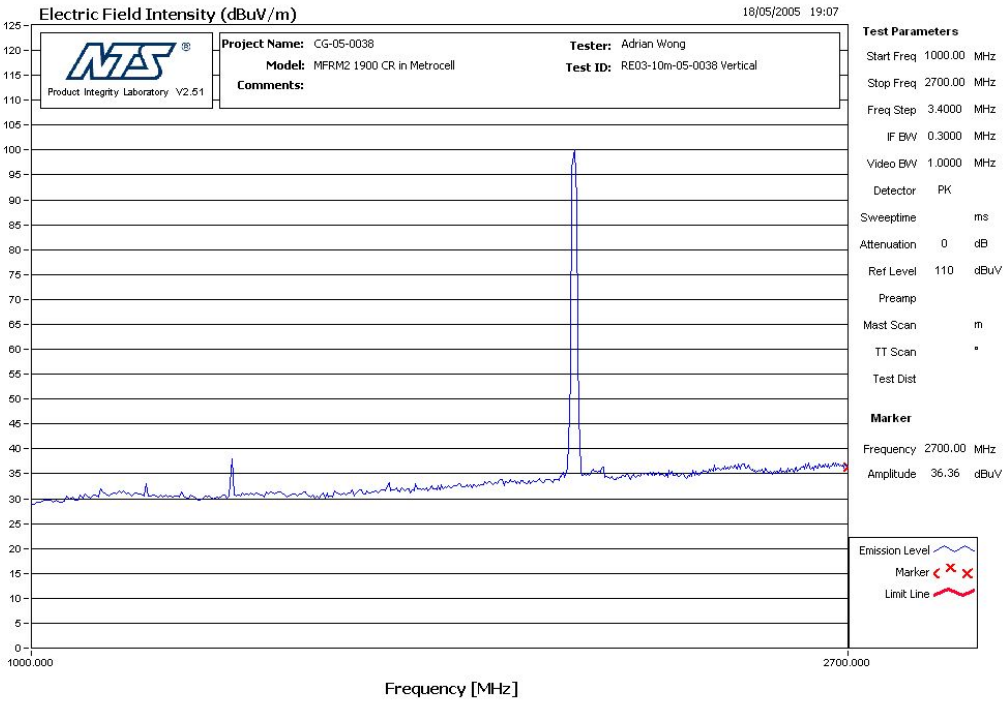

Figure 6 RE - Vertical – 1 GHz – 2.7 GHz Pre-Scan

Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied

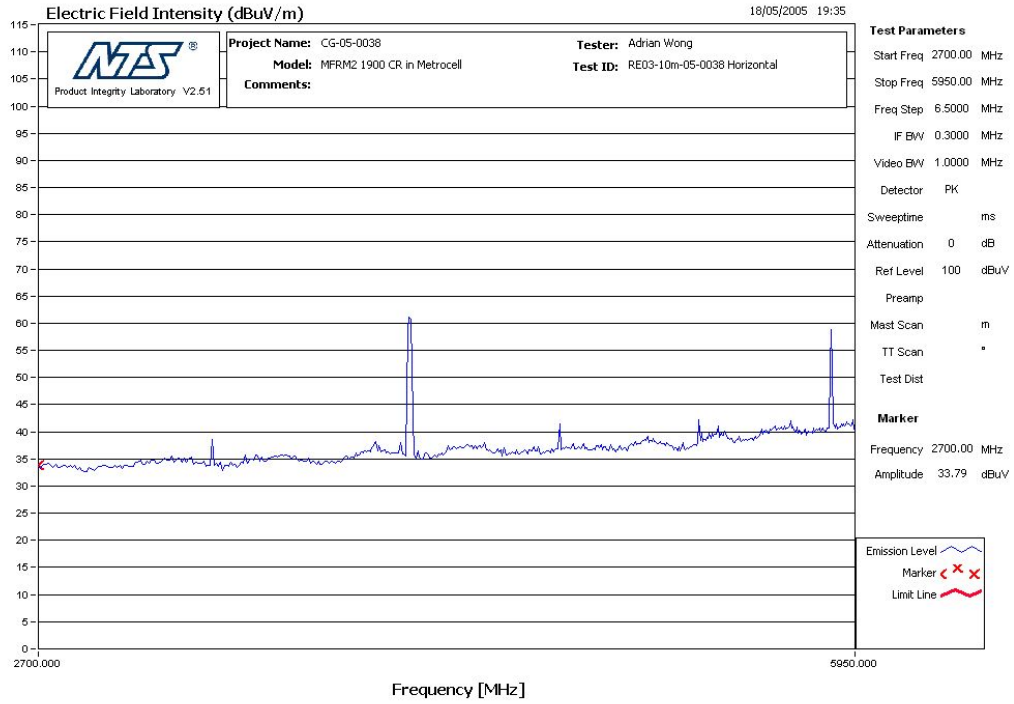

Figure 7 RE - Horizontal – 2.7 GHz – 5.95 GHz Pre-scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied

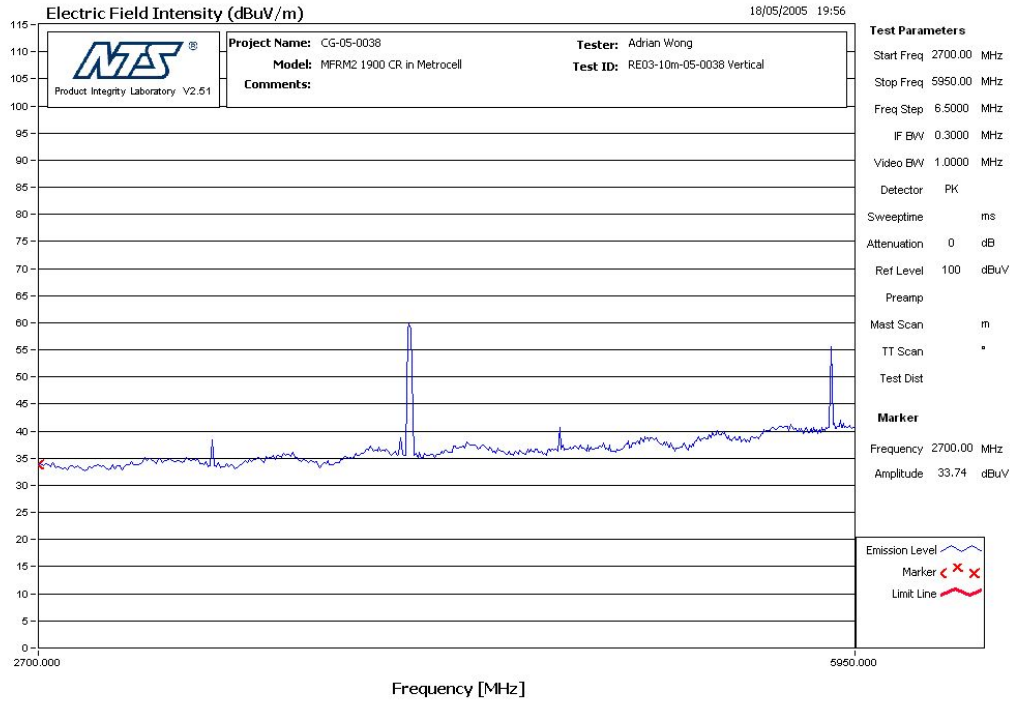

Figure 8 RE - Vertical – 2.7 GHz – 5.95 GHz Pre-Scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied

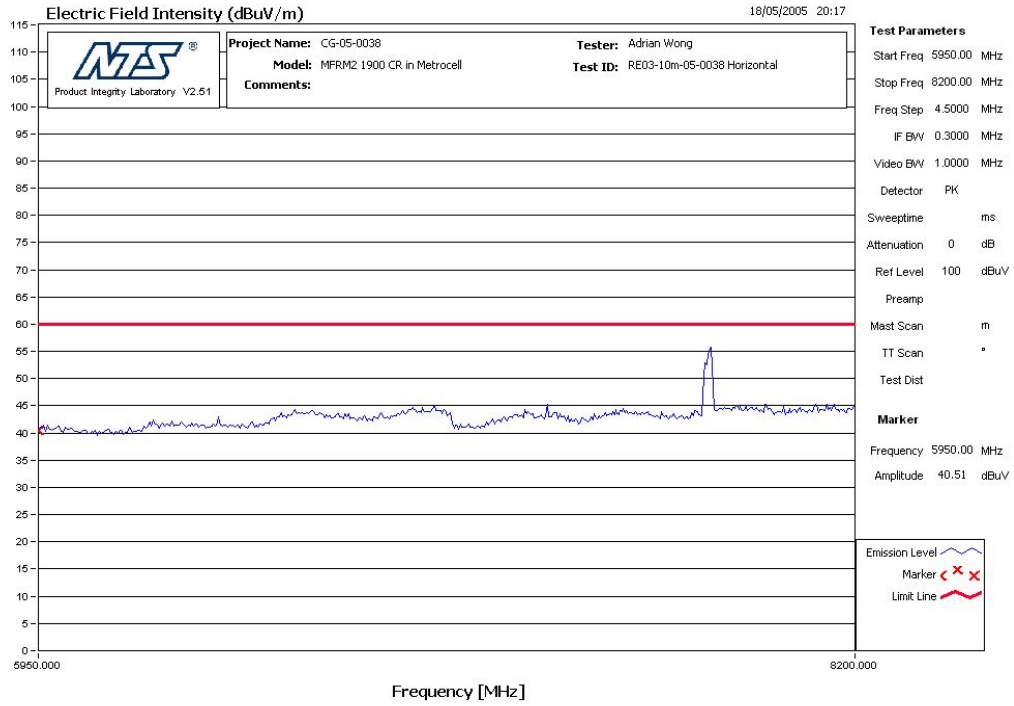

Figure 9 RE - Horizontal – 5.95 GHz – 8.2 GHz Pre-scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

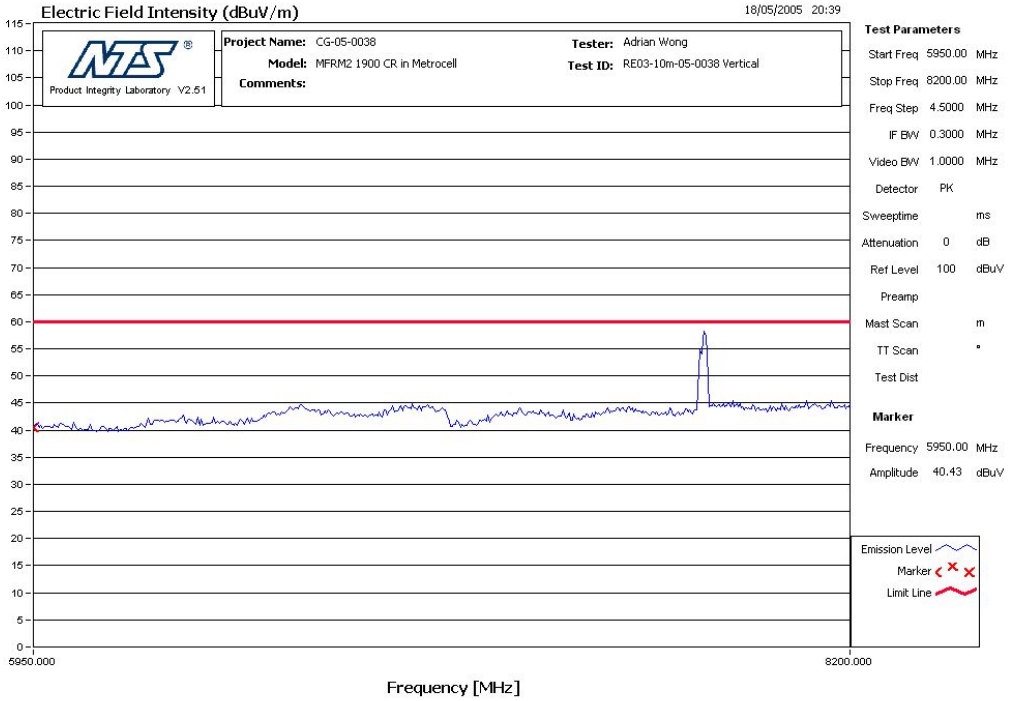

Figure 10 RE - Vertical – 5.95 GHz – 8.2 GHz Pre-Scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

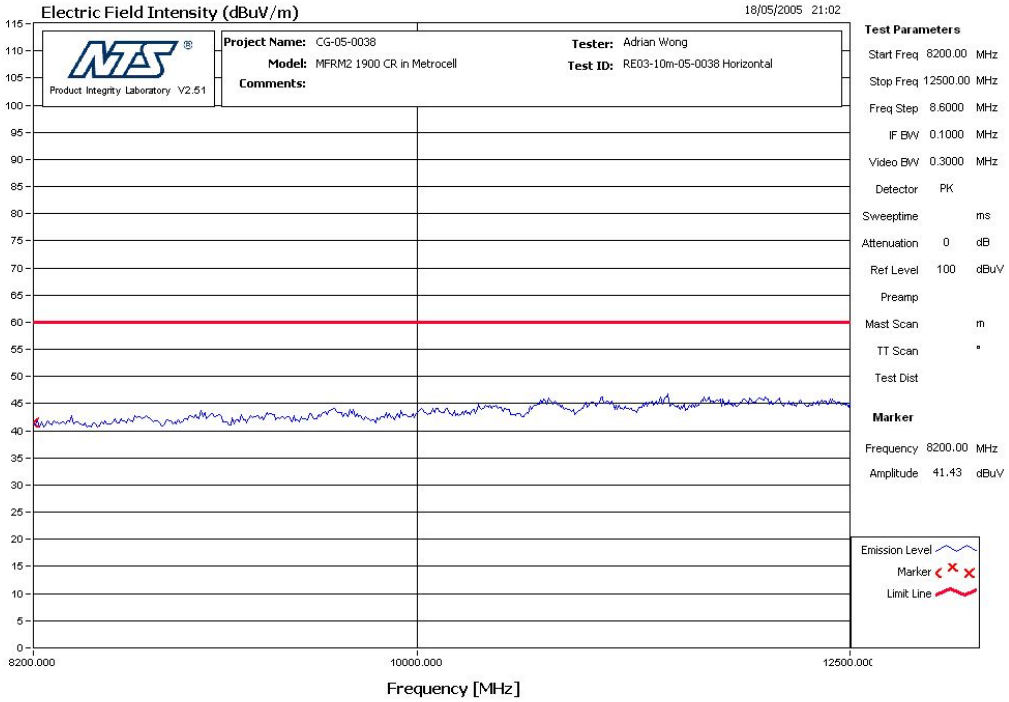

Figure 11 RE - Horizontal – 8.2 GHz – 12.5 GHz Pre-scan

Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

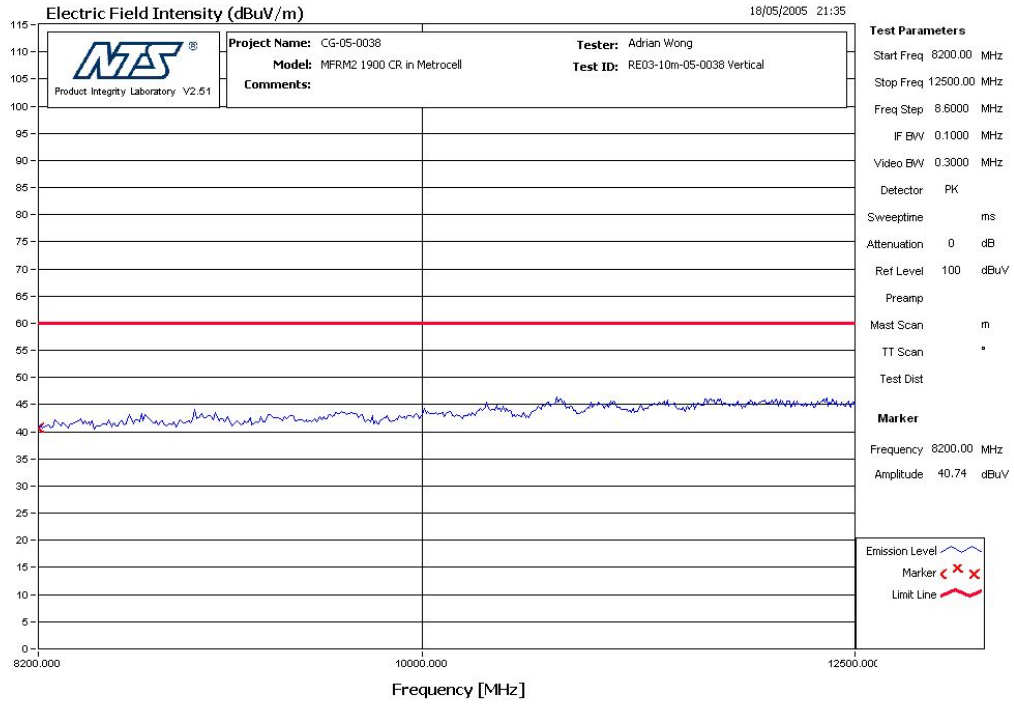

Figure 12 RE - Vertical – 8.2 GHz – 12.5 GHz Pre-Scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

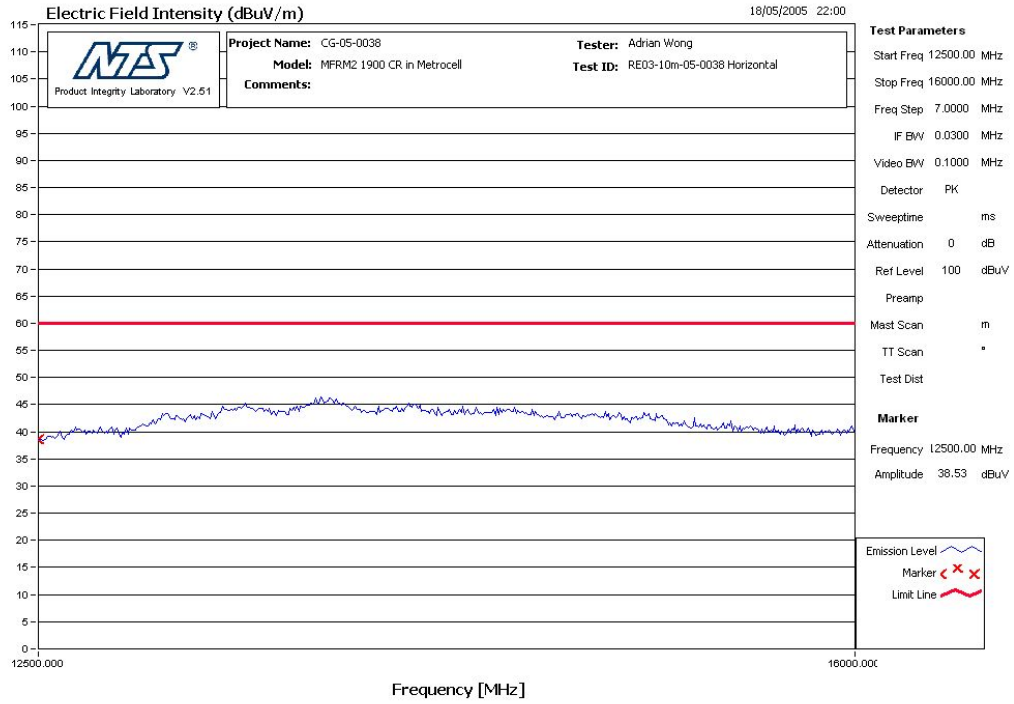

Figure 13 RE – Horizontal – 12.5 GHz – 16 GHz Pre-Scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

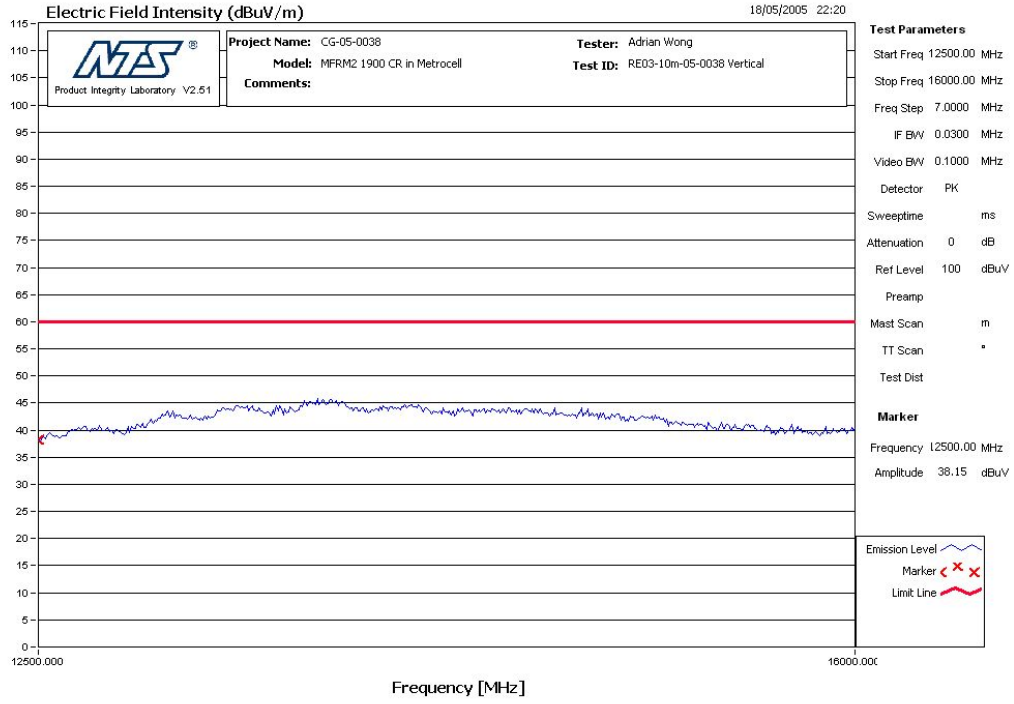

Figure 14 RE – Vertical – 12.5 GHz – 16 GHz Pre-Scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

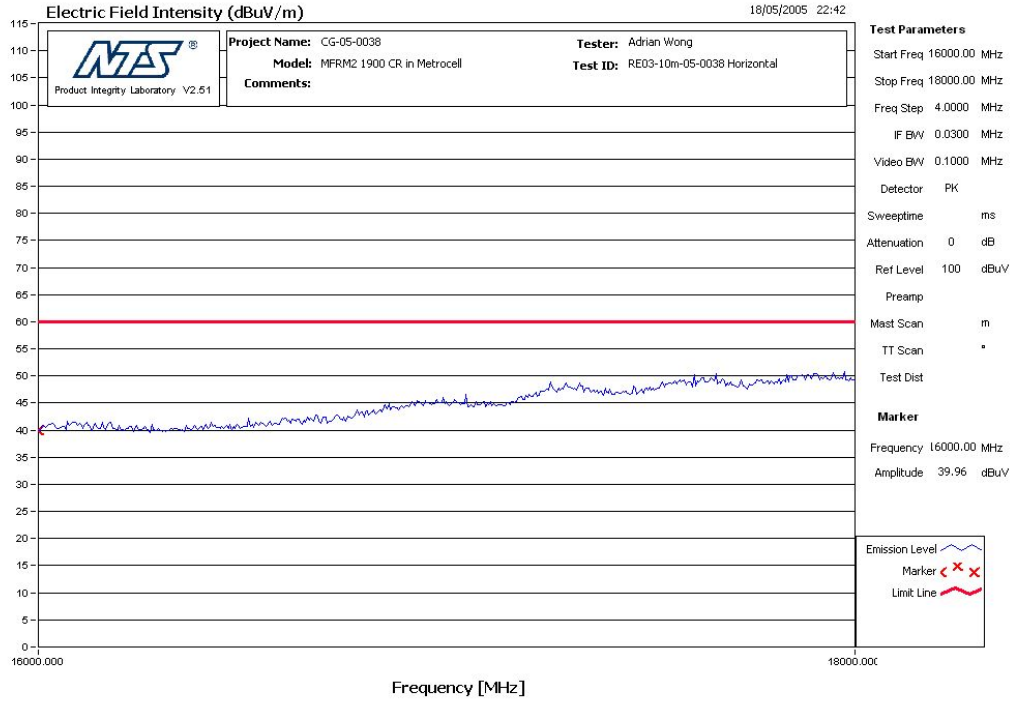

Figure 15 RE – Horizontal – 16 GHz – 18 GHz Pre-Scan
Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

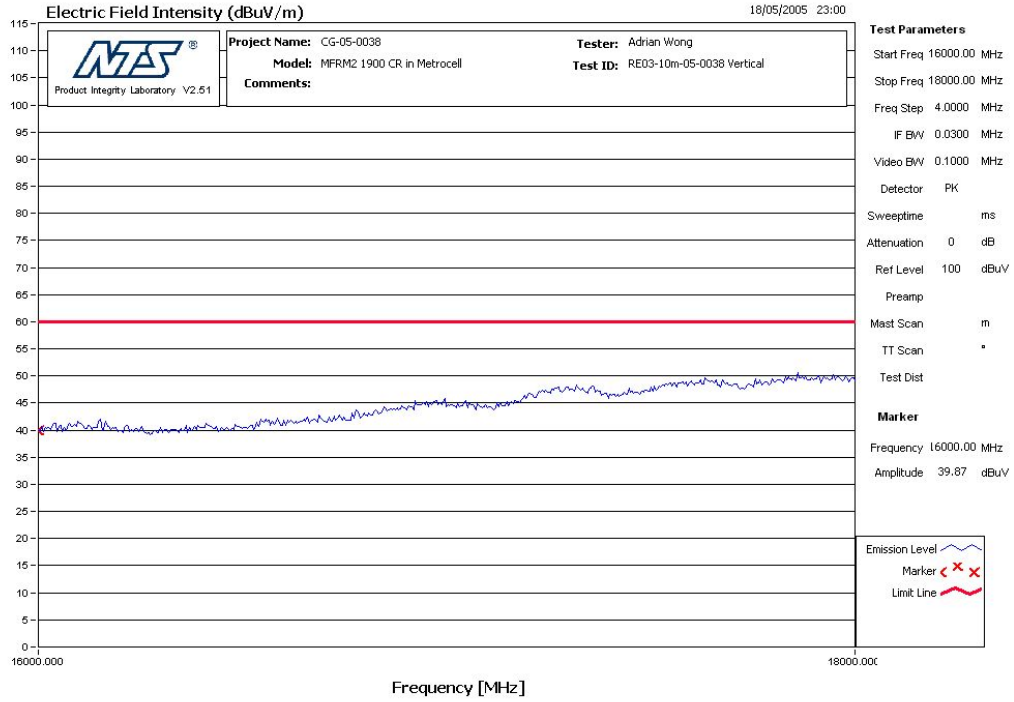

Figure 16 RE – Vertical – 16 GHz – 18 GHz Pre-Scan

Note: FCC Part 24 limit line at 84.3 dBuV/m (3m distance) applied; not Part 15 limit

APPENDIX B: TEST PLAN

Refer to Nortel Document “CDMA 1900 MFRM-2 Optimization Product Integrity Test Plan” Stream 00 Issue 1.0

APPENDIX C: SUPPLEMENTARY INFORMATION

None attached

END OF DOCUMENT