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EXHIBIT 2

TEST REPORT SUMMARY

**Applicant: Nortel Networks
For Original Equipment
Application on:**

FCC: AB6NT2100MFRM3

IC: 332D-2G1MFRM3

NORTEL CDMA BTS Development

MFRM-3 AWS FCC Part 27 Test Summary

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1 Introduction

The purpose of this document is to present the summary of the tests that have been performed on the MFRM-3 AWS product to comply it to the FCC Part 27 requirements.

2 Summary

2.1 Radiated Emissions

Table 1. MFRM-3 AWS FCC Part 27 Test Summary

Test		Test Specification	Test Result	Note
N.	Description			
1	Radiated Spurious Emissions E-Field	FCC Part 27 (g) FCC Part 2.1053 FCC Part 21057	PASS Worst case margin 14.8 dB	Indoor Radio Rack 4x MFRM-3 AWS radios +24VDC and -48VDC

2.2 Conducted Emissions

Table 2. Spurious Emissions at the AWS MFRM3 Ant. Port one Carrier IS95

Frequency	Spurious Emissions Level (dBm)	Margin to FCC Limit of -13 dBm (dB)
2109 to 2110 MHz (lower adjacent 1 MHz); Channel 25	-25.82	12.82
2155 to 2156 MHz (upper adjacent 1 MHz); Channel 875	-24.51	11.51
9 kHz to lower adjacent 1MHz (RBW=1MHz)	-20.03	7.03
upper adjacent 1MHz to 5 GHz (RBW=1MHz)	-20.21	7.21
5 GHz to 22 GHz (RBW=1MHz)	-37.58	24.58

Table 3. Spurious Emissions at the AWS MFRM3 Ant. Port two Carrier IS95

Frequency (Band)	Spurious Emissions Level (dBm)	Margin to FCC Limit of -13 dBm (dB)

2109 to 2110 MHz (lower adjacent 1 MHz); Channel 25, 50	-24.24	11.24
2155 to 2156 MHz (upper adjacent 1 MHz); Channel 850, 875	-22.89	9.89
9 kHz to lower adjacent 1MHz (RBW=1MHz)	-16.49	3.49
upper adjacent 1MHz to 5 GHz (RBW=1MHz)	-16.06	3.06
5 GHz to 22 GHz (RBW=1MHz)	-36.50	23.50

Table 4. Spurious Emissions at the AWS MFRM3 Ant. Port Three Carrier IS-95

Frequency (MHz)	Spurious Emissions Level (dBm)	Margin to FCC Limit of -13 dBm (dB)
2109 to 2110 MHz (lower adjacent 1 MHz); Channel 25, 50, 75	-24.19	11.19
2155 to 2156 MHz (upper adjacent 1 MHz); Channel 825, 850, 875	-24.67	11.67
9 kHz to lower adjacent 1MHz (RBW=1MHz)	-16.35	3.35
upper adjacent 1MHz to 5 GHz (RBW=1MHz)	-16.71	3.71
5 GHz to 22 GHz (RBW=1MHz)	-44.33	31.33

Table 5. Spurious Emissions at the AWS MFRM3 Ant. Port One Carrier Band IS856 (QPSK)

Frequency (MHz)	Spurious Emissions Level (dBm)	Margin to FCC Limit of -13 dBm (dB)

2109 to 2110 MHz (lower adjacent 1 MHz); Channel 25	-27.84	14.84
2155 to 2156 MHz (upper adjacent 1 MHz); Channel 875	-25.82	12.82
9 kHz to lower adjacent 1MHz (RBW=1MHz)	-18.55	5.55
upper adjacent 1MHz to 5 GHz (RBW=1MHz)	-20.54	7.54
5 GHz to 22 GHz (RBW=1MHz)	-37.44	24.44

Spurious Emissions at the AWS MFRM3 Ant. Port Three Carrier IS856 (8PSK)

Frequency (MHz)	Spurious Emissions Level (dBm)	Margin to FCC Limit of -13 dBm (dB)
	3Carrier 8PSK	3Carrier
2109 to 2110 MHz (lower adjacent 1 MHz); Channel 25, 50, 75	-23.22	10.22
2155 to 2156 MHz (upper adjacent 1 MHz); Channel 825, 850, 875	-21.75	8.75
9 kHz to lower adjacent 1MHz (RBW=1MHz)	-15.16	2.16
upper adjacent 1MHz to 5 GHz (RBW=1MHz)	-16.20	3.20
5 GHz to 22 GHz (RBW=1MHz)	-38.19	25.18

Spurious Emissions at the AWS MFRM3 Ant. Port Three Carrier Combined IS-95 & IS-856 (16QAM)

Frequency (MHz)	Spurious Emissions Level (dBm)	Margin to FCC Limit of -13 dBm (dB)
	3Carrier 16QAM IS95	3Carrier
2109 to 2110 MHz (lower adjacent 1 MHz); Channel 25, 50, 75	-25.22	12.22
2155 to 2156 MHz (upper adjacent 1 MHz); Channel 825, 850, 875	-21.69	8.69
9 kHz to lower adjacent 1MHz (RBW=1MHz)	-15.18	2.18
upper adjacent 1MHz to 5 GHz (RBW=1MHz)	-16.43	3.43

5 GHz to 22 GHz (RBW=1MHz)	-37.75	24.75
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