

Test & Certification Center (TCC) - Dallas

WR-812.001

10 June 2005

Accredited Laboratory Certificate
Number: 1819-01

Ver 2.0

FCC HAC Test Report

Test Report Number: WR-812.001

Terminal device: Type Nokia RM-19, HW: F6.0, SW: V N100V0700.nep (Detailed information is listed in section 5).

Originator: Anu Balijepalli
Function: TCC – Dallas
Version/Status: 2.0 Approved
Location: TCC Directories
Date: 10 June 2005

Change History:

Version	Date	Status	Handled By	Comments
0.1	03 June 2005	Draft	Anu Balijepalli	Initial Draft
0.2	03 June 2005	Review	Anu Balijepalli	Submit for Approval
1.0	03 June 2005	Approved	Nerina Walton	Approved
1.1	10 June 2005	Change	Anu Balijepalli	Submit for Approval
2.0	10 June 2005	Approved	Nerina Walton	Approved

Testing laboratory:

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Dallas
Nokia Inc
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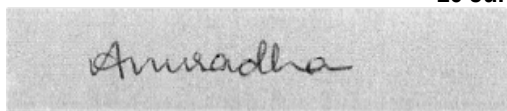
Client:

Nokia SanDeigo
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Date and signatures:

For the Contents:

10 June 2005



Anu Balijepalli,
Technical Review



Nerina Walton,
Manager Review

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1. GENERAL

1.1 Objective

This test is performed to ensure that the EUT meets the requirements required by the FCC Method of Measurement for near field E and H emissions. Please note that this report is only for near field emissions, not for the T-coil HAC testing.

1.2 Test Summary

Test Results: *The test result relates only to those tested devices mentioned in Section 5 of this test report.*

Sample #	Test Performed	Reference	Category
1	Near Field Emissions- E field Near Field Emissions- H field	ANSI C63.19 AISP4 HACTS	M4

2. LIST OF ABBREVIATIONS, ACRONYMS AND TERMS

2.1 Abbreviations

dB - decibel
dBm - decibels per milliwatt (absolute measurement)
MHz - megahertz or 1000000 Hertz
V/m – Volts per meter
A/m – Amps per meter

2.2 Acronyms

AMPS - Advanced Mobile Phone System
BSS - Base Station Simulator
CDMA - Code Division Multiple Access
ESN - Electronic Serial Number
EUT - Equipment under Test
GSM - Global System for Mobile communications
IMEI - International Mobile Equipment Identity
PCS - Personal Communication System
RF- Radio Frequency
TDMA - Time Division Multiple Access

2.3 Terms

Base Station Simulator (BSS) - simulates all the necessary signals that a phone would experience while on a live network. There are many types of base station simulators catering for all current protocols, i.e., GSM, AMPS, TDMA, and CDMA.

Cellular - refers to a frequency in the 800MHz band.

PCS - refers to a frequency in the 1900MHz band.

Crest Factor - is the relation between the peak power and the average power in a signal.

3. STANDARDS BASIS

Testing has been carried out in accordance with:

REF.	Code of the standard	Name of the standard
1	-	ANSI C63.19 AISP4 HACTS

Note: Unless otherwise stated, (by reference to a version number and a publication date), the latest version of the above documents applies.

Deviations:

Not Applicable.

4. TEST EQUIPMENT LIST

The listing below indicates the test equipment utilized for the test (s). Calibration interval on all items listed can be obtained from the Engineering Services Group within NMP, Product Creation - Dallas. Where relevant, measuring equipment is subjected to in-service checks between testing. TCC - Dallas shall notify clients promptly, in writing, of identification of defective measuring equipment that casts doubt on the validity of results given in this report.

Test Equipment	NMP #	Calibration Interval	Calibration Expiry
SPEAG DASY4 Robot System	2056	NA	NA
SPEAG Data Acquisition Electronics (DAE)	2292	12 months	Jan - 2006
SPEAG E-field Probe	2955	12 months	Jan - 2006
SPEAG H-field Probe	2957	12 months	Jan-2006
APREL 835MHz Dipole	3996	12 months	Aug-2005
APREL 1880MHz Dipole	3395	12 months	May-2006
Wavetek MMS-4303	2970	12 months	Jun-2005
R&S Signal Generator	3458	12 months	Jun-2005
Boonton Powermeter	0147	12 months	Aug-2005
AR Power Amplifier	0188	NA	NA

5. EQUIPMENT-UNDER-TEST (EUT)

The results in this report relate only to the items listed below:

5.1 Description of Tested Device(s):

Sample #	Mode of Operation	Date of Receipt	Condition of Sample	Item	Identifying Information
1	CDMA 800/1900	01 May 2005	Good	Phone	Type: RM-19 Model: 6255i ESN: 044/00444137 HW: F6.0 SW: V N100V0700.nep Code: 0522420CM08TD FCC ID: QMNRM-19

5.2 Photograph of Tested Device(s):



6. TEST METHOD(S) AND SETUP(S)

Testing was performed in accordance with ANSI C63.19.

The test setup is shown in the picture below.



7. PASS/FAIL CRITERIA

The EUT must meet the following M3 category standards –

Category	Wireless Device Parameters		
Near field	AWF	E-field Emissions Peak – V/m	H-field Emissions Peak – A/m
Category M3	AWF =0 (TDMA, CDMA)	63.1 to 112.2	0.19 to 0.34
	AWF = -5 (GSM)	47.3 to 84.1	0.15 to 0.25
Category M4	AWF =0 (TDMA, CDMA)	< 63.1	< 0.19
	AWF = -5 (GSM)	< 47.3	< 0.15

8. DETAILED TEST RESULTS

Test Technician / Engineer	Anu Balijepalli		
Date of Measurement	May 24-27, 2005		
Temperature / Humidity / Pressure	20-25°C	45-60%RH	29-31 in
Test Result	Complies		

8.1 Near Field E and H RF emissions measurements

8.1.1 Test Results

Note: Testing was done at the antenna extended position

CDMA Cellular	Frequency (MHz)	Conducted Power (dBm)	E (V/m)	H (A/m)	Category
Ch 1013	824.70	25.3	56.5	0.125	M4
Ch 384	836.52	25.4	59.5	0.113	M4
Ch 777	848.31	25.4	58.0	0.117	M4

CDMA PCS	Frequency (MHz)	Conducted Power (dBm)	E (V/m)	H (A/m)	Category
Ch 25	1851.25	23.4	44.3	0.100	M4
Ch 600	1880.00	23.2	46.4	0.102	M4
Ch 1175	1908.75	23.1	42.5	0.100	M4

See Appendix B for the grids and plots of these cases.



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9. MEASUREMENT UNCERTAINTY

The uncertainty for this test is +1.2dB, -1.4dB.

APPENDIX A: VALIDATIONS SCANS

Dipole Validation with the CW Signal:

		Recorded	Peak Value	Theoretical Value
835 MHz	E field	169	239	265
	H field	0.454	0.642	0.673
1880 MHz	E field	137	194	211
	H field	0.468	0.660	0.645

Dipole Validation with Modulation:

The dipole validation with modulation was performed with a 20dBm input for CW, AM and CDMA signals measured at the center of the dipole.

835 MHz	Efield		H field	
	V/m	dB V/m	A/m	dB A/m
CW	59.8	35.5	0.444	-7.1
AM	60.4	35.6	0.473	-6.5
CDMA	63.4	36.0	0.537	-5.4

1880 MHz	Efield		H field	
	V/m	dB V/m	A/m	dB A/m
CW	78.5	37.9	0.444	-7.1
AM	77.6	37.8	0.500	-6.0
CDMA	81.9	38.3	0.691	-3.2

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835MHz, E field, CW Validation

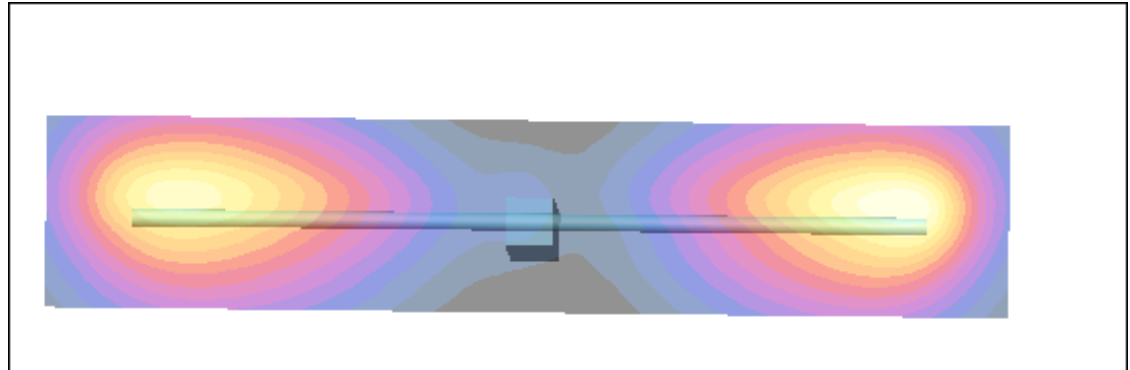
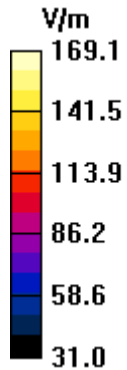
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power drift = 0.0898 dB

HAC Procedure/Hearing Aid Compatibility Test 0 deg (21x101x1): Measurement grid: dx=2mm, dy=2mm
Maximum value of Total (measured) = 169.1 V/m



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835MHz, H field, CW Validation

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

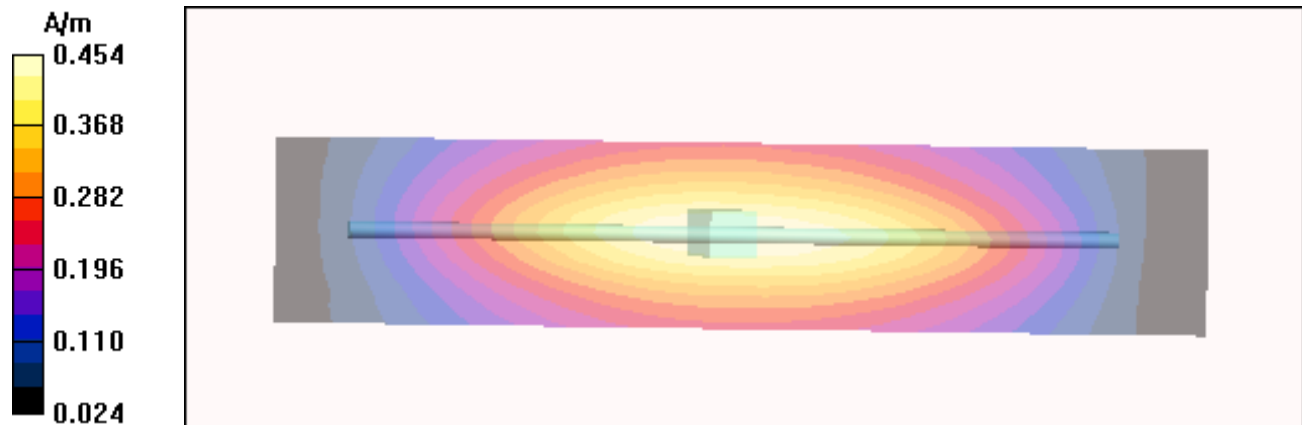
DASY4 Configuration:

- Probe: H3DV6 - SN6058; ; Calibrated: 1/20/2005
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = 0.0121 dB

HAC Procedure/Hearing Aid Compatibility Test 0 deg (21x101x1): Measurement grid: dx=2mm, dy=2mm

Maximum value of Total (measured) = 0.454 A/m



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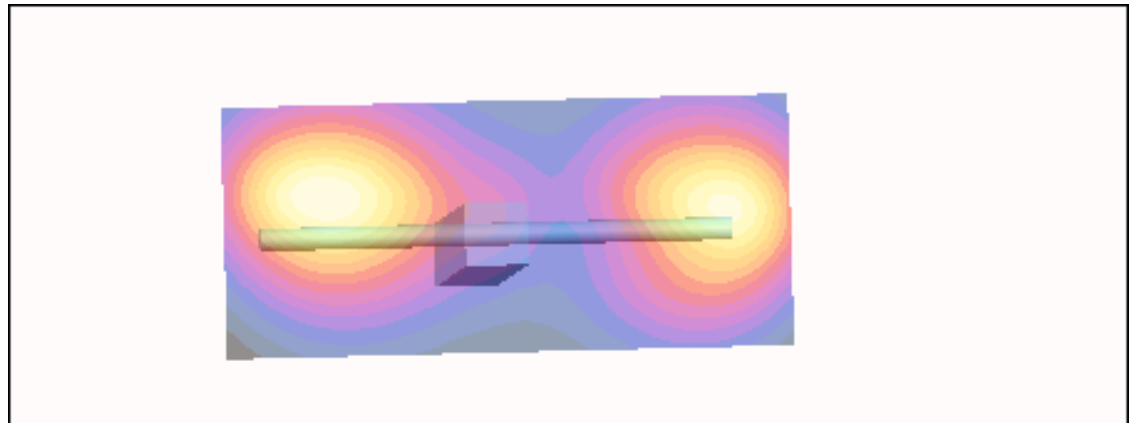
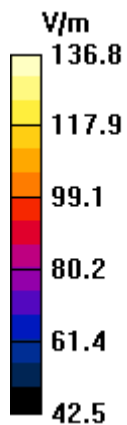
1880MHz, E field, CW Validation

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = 0.0247 dB

HAC Procedure/Hearing Aid Compatibility Test 0 deg (21x46x1): Measurement grid: dx=2mm, dy=2mm
Maximum value of Total (measured) = 136.8 V/m

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1880MHz, H field, CW Validation

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

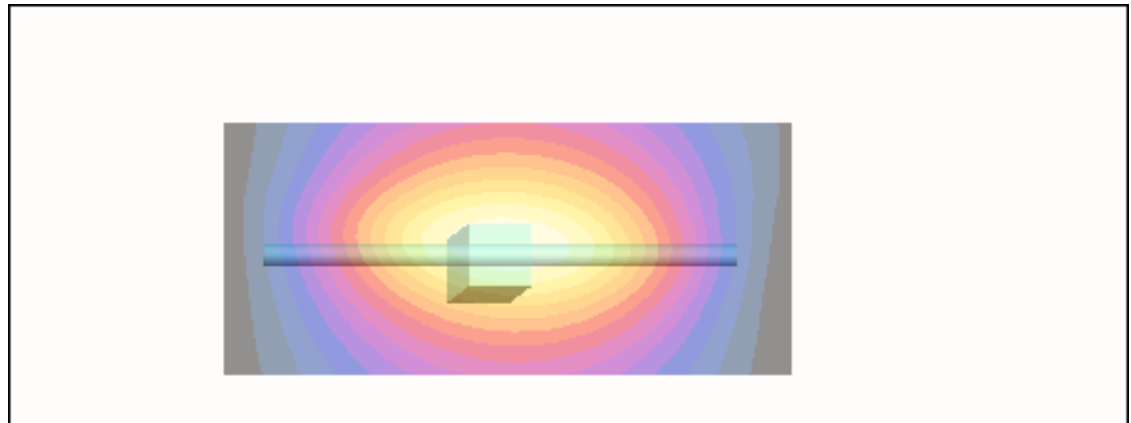
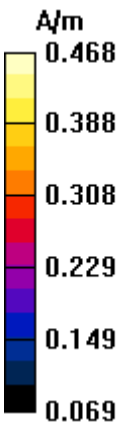
DASY4 Configuration:

- Probe: H3DV6 - SN6058; ; Calibrated: 1/20/2005
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = 0.0301 dB

HAC Procedure/Hearing Aid Compatibility Test 0 deg (21x46x1): Measurement grid: dx=2mm, dy=2mm

Maximum value of Total (measured) = 0.468 A/m



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APPENDIX B: MEASUREMENT SCANS

Date/Time: 5/27/2005 4:20:13 PM

Test Laboratory: TCC Dallas

RM-19, CDMA800, Ch1013, Whip Extend position, E field

Communication System: CDMA800; Frequency: 824.7 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.0277 dB

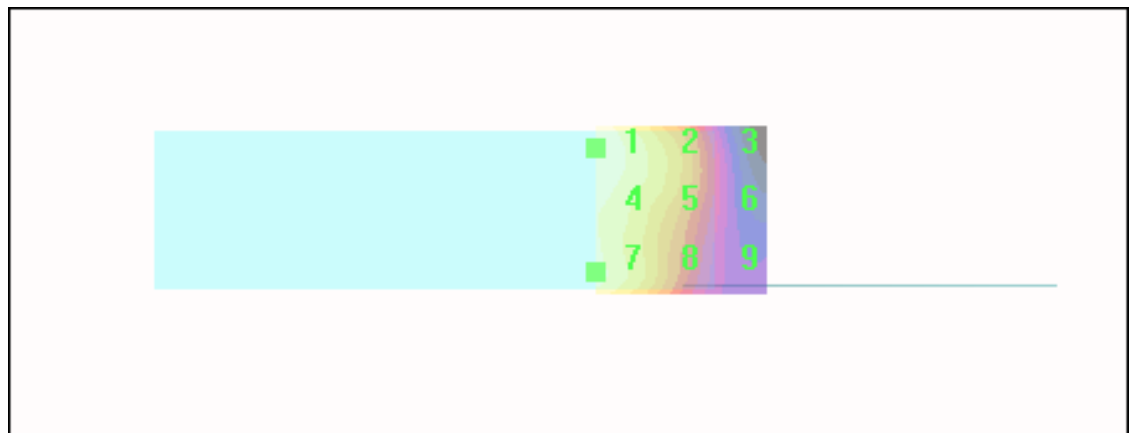
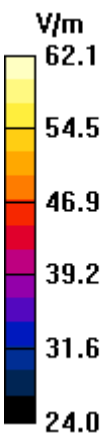
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 62.1 V/m

Hearing Aid Near-Field Category: **M4 (AWF 0 dB)**

E in V/m (Slot averaged)

Grid 1 62.1	Grid 2 56.5	Grid 3 43.4
Grid 4 61.7	Grid 5 56.1	Grid 6 43.3
Grid 7 61.0	Grid 8 53.0	Grid 9 40.2



Date/Time: 5/27/2005 4:14:33 PM

Test Laboratory: TCC Dallas

RM-19, CDMA800, Ch384, Whip Extend position, E field

Communication System: CDMA800; Frequency: 836.52 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.106 dB

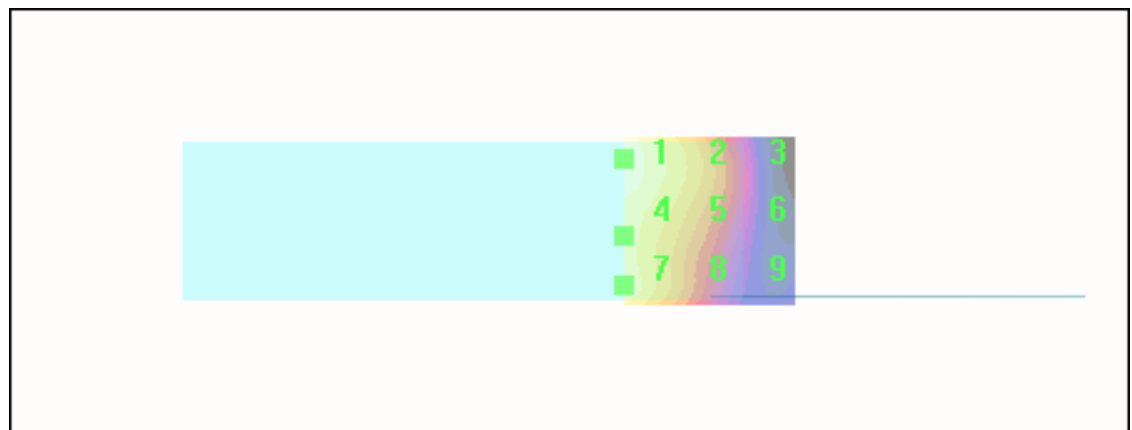
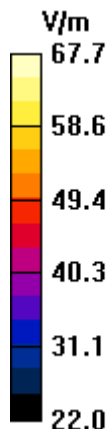
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 67.7 V/m

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

E in V/m (Slot averaged)

Grid 1 67.7	Grid 2 59.5	Grid 3 44.4
Grid 4 65.2	Grid 5 58.4	Grid 6 43.9
Grid 7 64.4	Grid 8 53.9	Grid 9 38.4



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Test Laboratory: TCC Dallas

RM-19, CDMA800, Ch777, Whip Extend position, E field

Communication System: CDMA800; Frequency: 848.31 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = 0.0138 dB

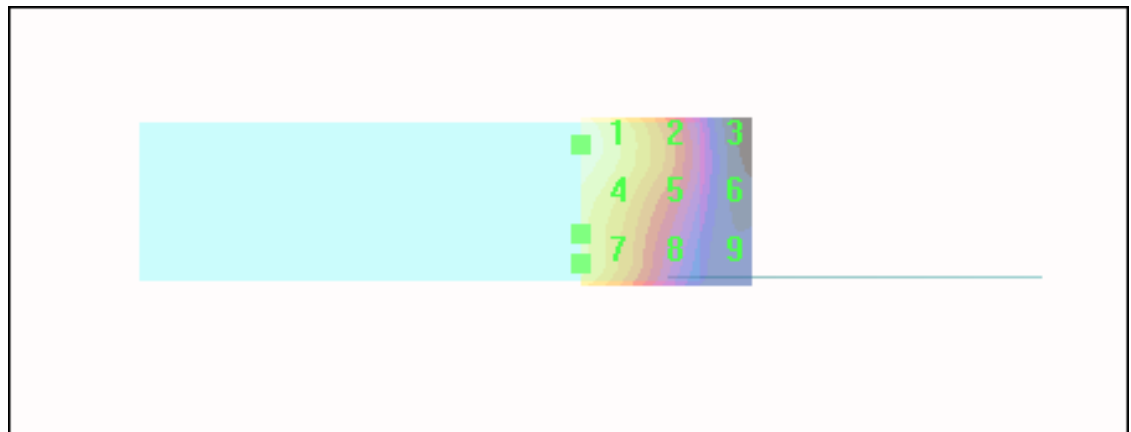
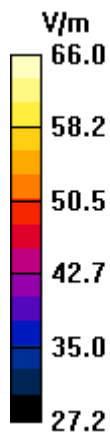
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 66.0 V/m

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

E in V/m (Slot averaged)

Grid 1	Grid 2	Grid 3
66.0	58.0	44.1
Grid 4	Grid 5	Grid 6
64.4	57.2	43.8
Grid 7	Grid 8	Grid 9
62.1	52.7	38.9



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Test Laboratory: TCC Dallas

RM-19, CDMA800, Ch1013, Whip Extend position, H field

Communication System: CDMA800; Frequency: 824.7 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: H3DV6 - SN6058; Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.0605 dB

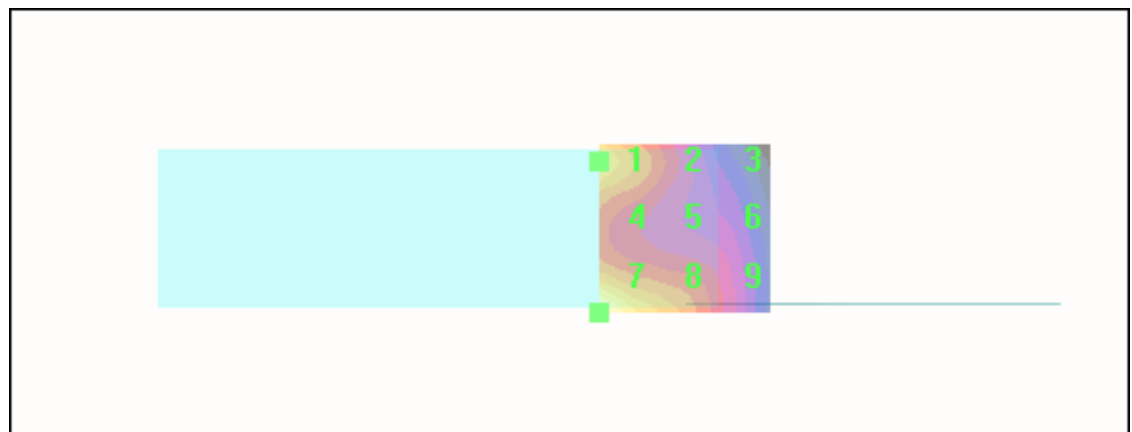
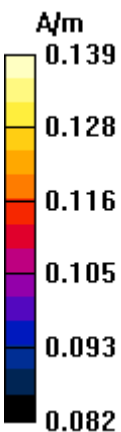
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 0.139 A/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

H in A/m (Slot averaged)

Grid 1 0.128	Grid 2 0.115	Grid 3 0.101
Grid 4 0.118	Grid 5 0.110	Grid 6 0.107
Grid 7 0.139	Grid 8 0.125	Grid 9 0.112



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Test Laboratory: TCC Dallas

RM-19, CDMA800, Ch384, Whip Extend position, H field

Communication System: CDMA800; Frequency: 836.52 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: H3DV6 - SN6058; Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = 0.0865 dB

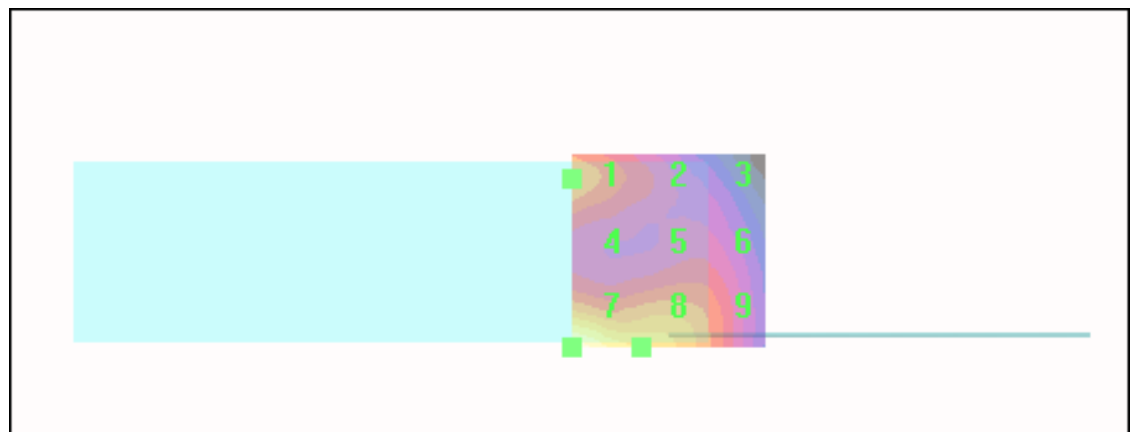
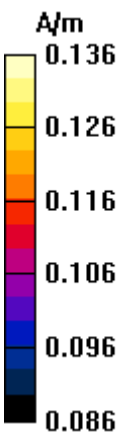
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 0.136 A/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

H in A/m (Slot averaged)

Grid 1 0.119	Grid 2 0.112	Grid 3 0.106
Grid 4 0.112	Grid 5 0.113	Grid 6 0.112
Grid 7 0.136	Grid 8 0.126	Grid 9 0.118



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Test Laboratory: TCC Dallas

RM-19, CDMA800, Ch777, Whip Extend position, H field

Communication System: CDMA800; Frequency: 848.31 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: H3DV6 - SN6058; Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.0297 dB

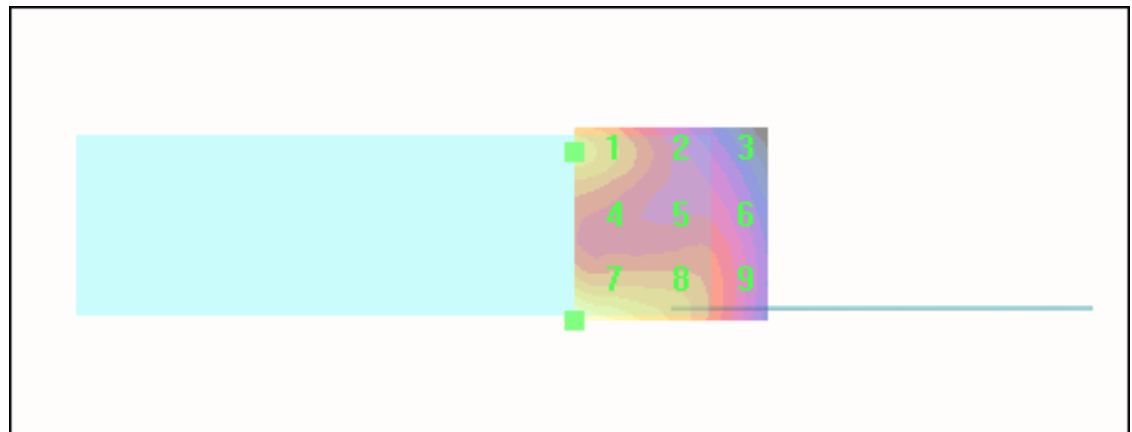
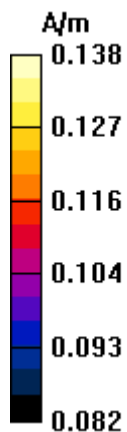
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 0.138 A/m

Hearing Aid Near-Field Category: **M4 (AWF 0 dB)**

H in A/m (Slot averaged)

Grid 1 0.126	Grid 2 0.115	Grid 3 0.106
Grid 4 0.117	Grid 5 0.113	Grid 6 0.113
Grid 7 0.138	Grid 8 0.127	Grid 9 0.117



Date/Time: 5/27/2005 3:24:53 PM

Test Laboratory: TCC Dallas

RM-19, CDMA1900, Ch25, Whip Extend position, E field

Communication System: CDMA1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.0207 dB

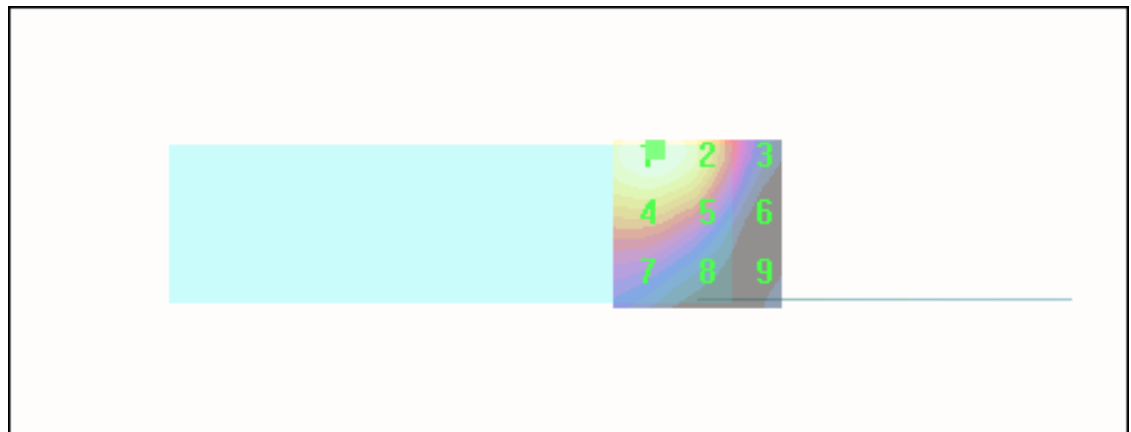
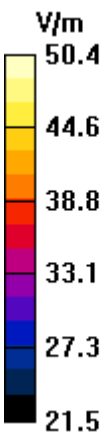
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 50.4 V/m

Hearing Aid Near-Field Category: **M4 (AWF 0 dB)**

E in V/m (Slot averaged)

Grid 1	Grid 2	Grid 3
50.4	50.1	38.7
Grid 4	Grid 5	Grid 6
45.5	44.3	32.1
Grid 7	Grid 8	Grid 9
34.8	31.8	24.5



Date/Time: 5/27/2005 3:18:32 PM

Test Laboratory: TCC Dallas

RM-19, CDMA1900, Ch600, Whip Extend position, E field

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = 0.235 dB

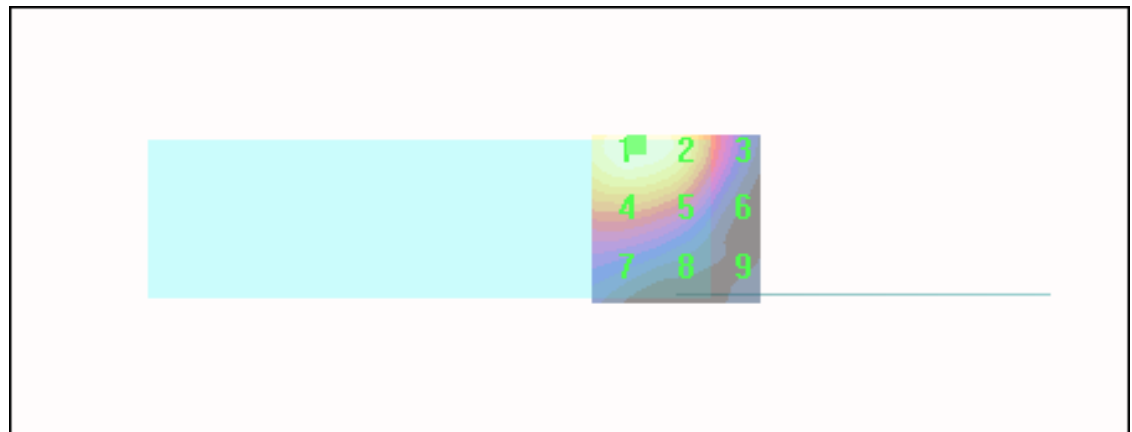
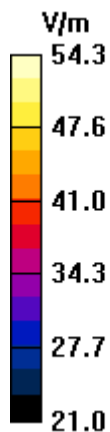
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 54.3 V/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

E in V/m (Slot averaged)

Grid 1 54.3	Grid 2 54.1	Grid 3 43.0
Grid 4 46.9	Grid 5 46.4	Grid 6 35.0
Grid 7 33.1	Grid 8 30.6	Grid 9 24.8



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Test Laboratory: TCC Dallas

27May05_Efield_CDMA1900_Ch1175_fowe

Communication System: CDMA1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: ER3DV4R - SN2240; ConvF(1, 1, 1); Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.139 dB

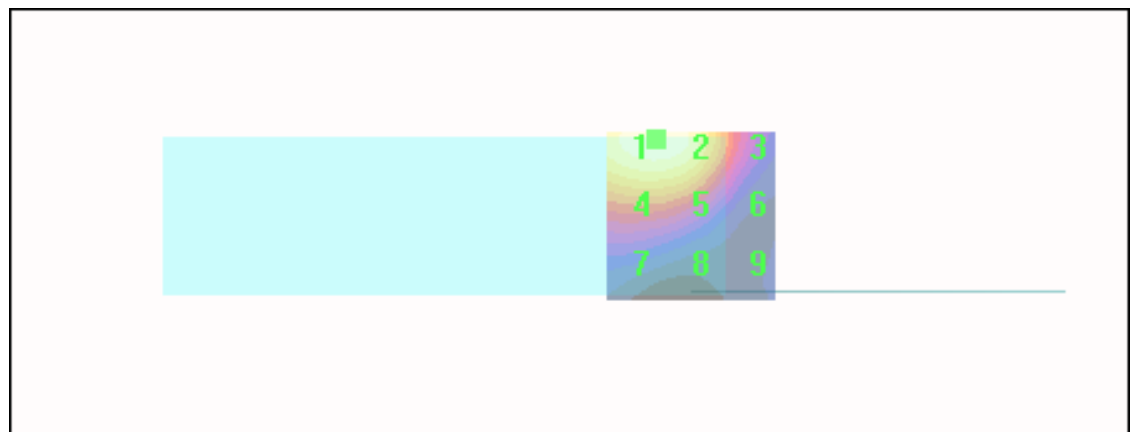
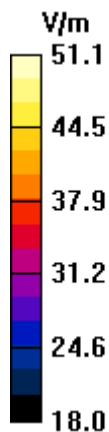
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 51.1 V/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

E in V/m (Slot averaged)

Grid 1	Grid 2	Grid 3
51.1	51.1	40.8
Grid 4	Grid 5	Grid 6
42.8	42.5	32.3
Grid 7	Grid 8	Grid 9
28.9	26.7	23.0



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Test Laboratory: TCC Dallas

RM-19, CDMA1900, Ch25, Whip Extend position, H field

Communication System: CDMA1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: H3DV6 - SN6058; Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.0249 dB

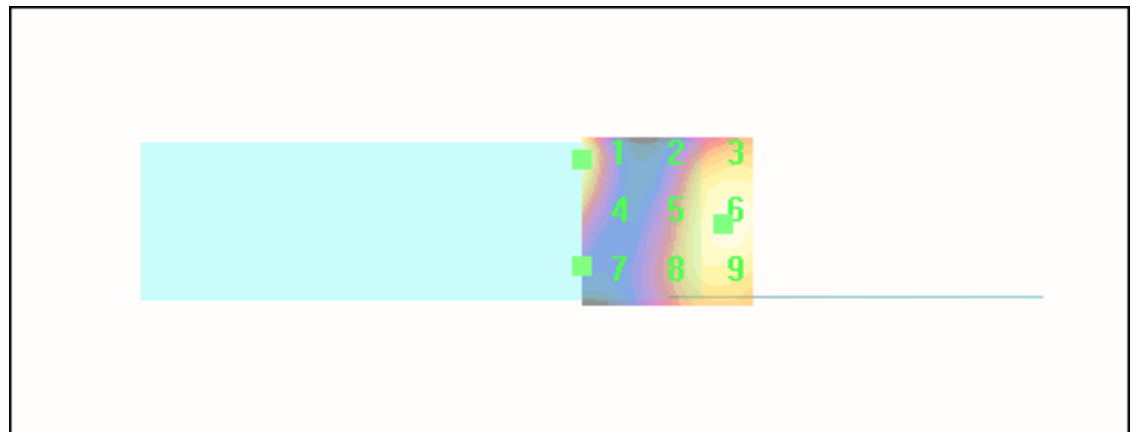
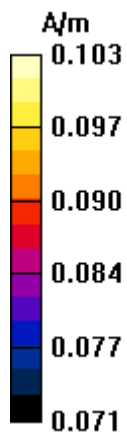
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 0.103 A/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

H in A/m (Slot averaged)

Grid 1 0.101	Grid 2 0.095	Grid 3 0.100
Grid 4 0.095	Grid 5 0.097	Grid 6 0.103
Grid 7 0.081	Grid 8 0.097	Grid 9 0.101



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Test Laboratory: TCC Dallas

RM-19, CDMA1900, Ch600, Whip Extend position, H field

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: H3DV6 - SN6058; ; Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Power Drift = -0.0935 dB

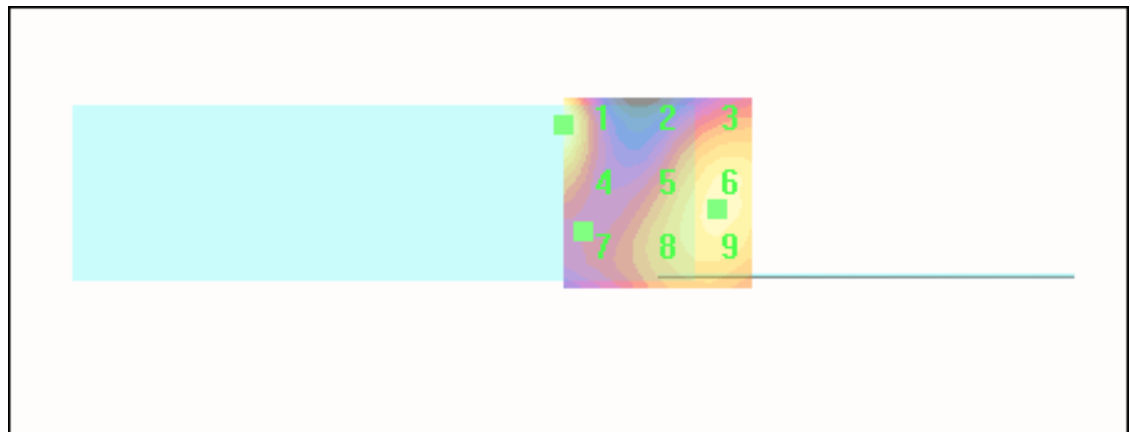
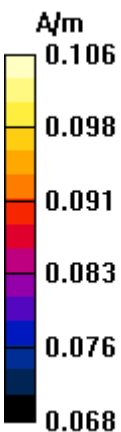
HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 0.106 A/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

H in A/m (Slot averaged)

Grid 1 0.106	Grid 2 0.093	Grid 3 0.099
Grid 4 0.099	Grid 5 0.099	Grid 6 0.102
Grid 7 0.090	Grid 8 0.099	Grid 9 0.102



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Test Laboratory: TCC Dallas

RM-19, CDMA1900, Ch1175, Whip Extend position, H field

Communication System: CDMA1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

DASY4 Configuration:

- Probe: H3DV6 - SN6058; ; Calibrated: 1/20/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn389; Calibrated: 1/12/2005
- Phantom: SAM3 Cover FreeSpace Only; Phantom section: Table Section
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146.

Power Drift = -0.0238 dB

HAC Procedure/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of Total field (slot averaged) = 0.105 A/m

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

H in A/m (Slot averaged)

Grid 1 0.105	Grid 2 0.095	Grid 3 0.098
Grid 4 0.098	Grid 5 0.099	Grid 6 0.100
Grid 7 0.082	Grid 8 0.097	Grid 9 0.099

