SCP-8600, CDMA 800 Channel 1013

Date: 5/11/2010

Communication System: CDMA_Triband, Frequency: 824.7 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 8/14/2009Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn602,Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 70.6 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 94.5 V/m; Power Drift = 0.080 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
63.1 M4	**67.2 M4**	**63.8 M4**
Grid 4	Grid 5	Grid 6
67.1 M4	**70.6 M4**	**66.5 M4**
Grid 7	Grid 8	Grid 9
67.1 M4	**70.6 M4**	**65.4 M4**

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.138 A/m
Probe Modulation Factor = 1.00
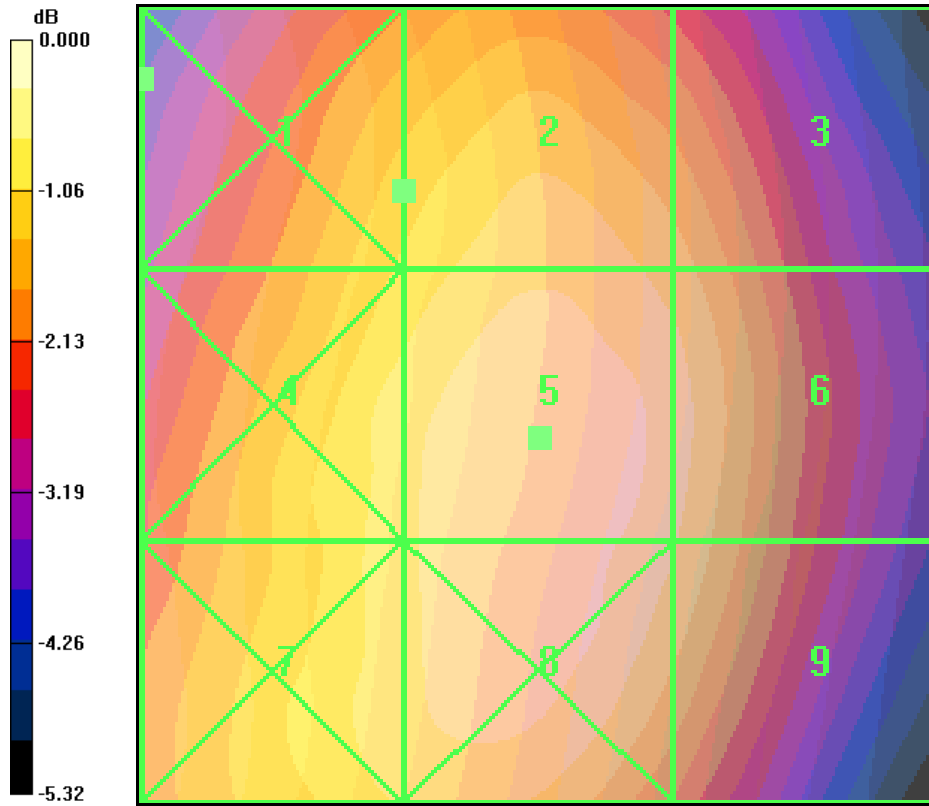Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.128 A/m; Power Drift = -0.066 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.175 M4	**0.138 M4**	**0.095 M4**
Grid 4	Grid 5	Grid 6
0.169 M4	**0.136 M4**	**0.095 M4**
Grid 7	Grid 8	Grid 9
0.170 M4	**0.130 M4**	**0.090 M4**

0 dB = 70.6V/m

SCP-8600, CDMA 800 Channel 383

Date: 5/11/2010

Communication System: CDMA_Triband, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, $ε_r$ = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, $ε_r$ = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 8/14/2009Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn602,Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8͞ 1 deg C, Liquid T = 22.0͞ 1 deg C

CELL_383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 88.7 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 118.8 V/m; Power Drift = -0.040 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
80.6 M4	**83.7 M4**	**75.2 M4**
Grid 4	Grid 5	Grid 6
86.2 M4	**88.7 M4**	**79.0 M4**
Grid 7	Grid 8	Grid 9
86.2 M4	**88.4 M4**	**78.4 M4**

CELL_383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.113 A/m
Probe Modulation Factor = 1.00
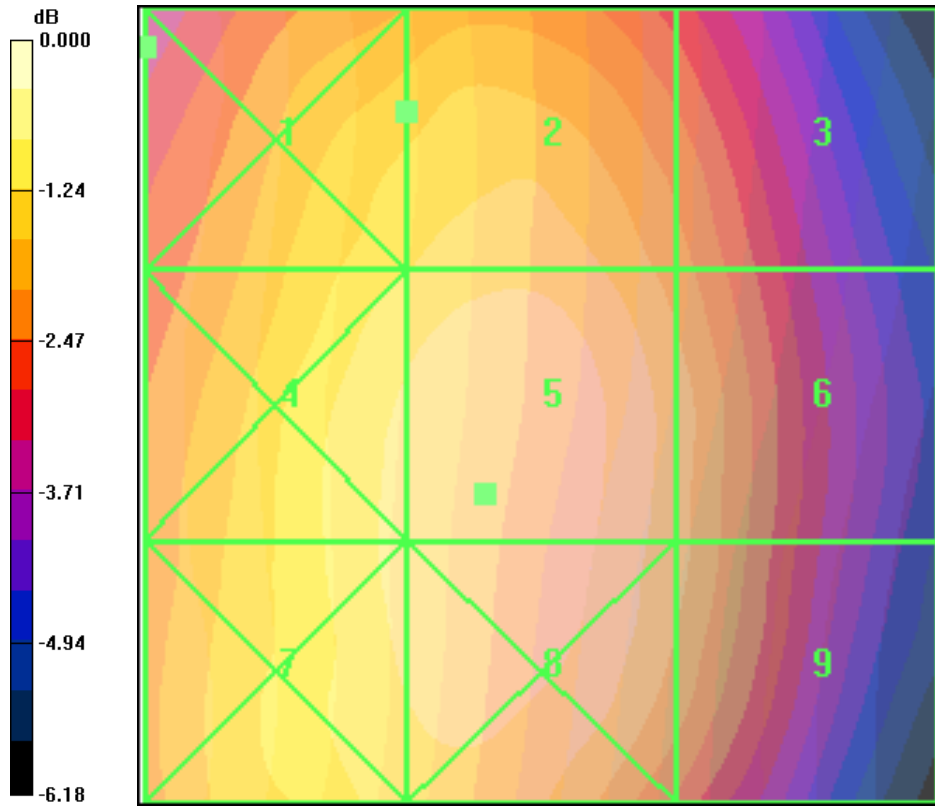Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.098 A/m; Power Drift = -0.022 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.160 M4	**0.113 M4**	**0.073 M4**
Grid 4	Grid 5	Grid 6
0.155 M4	**0.112 M4**	**0.072 M4**
Grid 7	Grid 8	Grid 9
0.159 M4	**0.109 M4**	**0.066 M4**

0 dB = 88.7V/m

SCP-8600, CDMA 800 Channel 777

Date: 5/11/2010

Communication System: CDMA_Triband, Frequency: 848.31 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 8/14/2009Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn602,Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 79.1 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 105.4 V/m; Power Drift = -0.039 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
72.7 M4	**75.7 M4**	**68.0 M4**
Grid 4	Grid 5	Grid 6
76.9 M4	**79.1 M4**	**70.9 M4**
Grid 7	Grid 8	Grid 9
76.4 M4	**78.6 M4**	**70.4 M4**

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.104 A/m
Probe Modulation Factor = 1.00
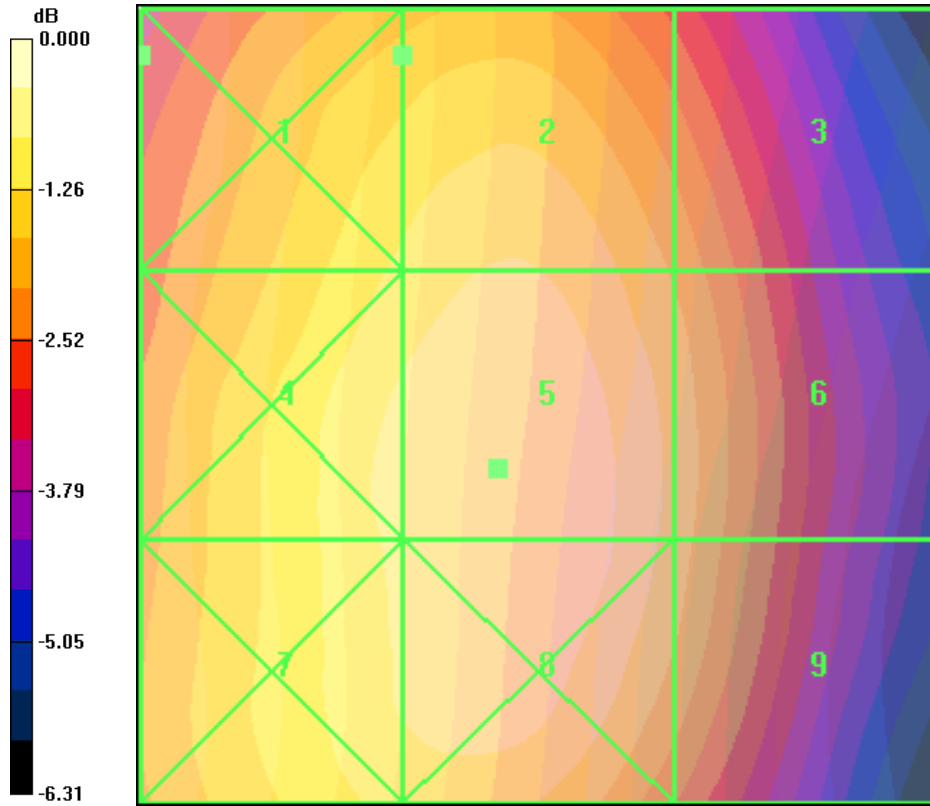Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.082 A/m; Power Drift = 0.019 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.152 M4	**0.104 M4**	**0.063 M4**
Grid 4	Grid 5	Grid 6
0.146 M4	**0.101 M4**	**0.059 M4**
Grid 7	Grid 8	Grid 9
0.149 M4	**0.098 M4**	**0.054 M4**

0 dB = 79.1V/m

SCP-8600, CDMA 1900 Channel 25

Date: 5/11/2010

Communication System: CDMA_Triband, Frequency: 1850 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, $ε_r$ = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, $ε_r$ = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 8/14/2009Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn602,Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ̄ 1 deg C, Liquid T = 22.0 ̄ 1 deg C

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 50.3 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 54.5 V/m; Power Drift = -0.063 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
24.1 M4	**34.7 M4**	**34.7 M4**
Grid 4	Grid 5	Grid 6
40.0 M4	**50.3 M4**	**49.4 M4**
Grid 7	Grid 8	Grid 9
48.7 M4	**56.1 M4**	**53.6 M4**

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.144 A/m
Probe Modulation Factor = 1.00
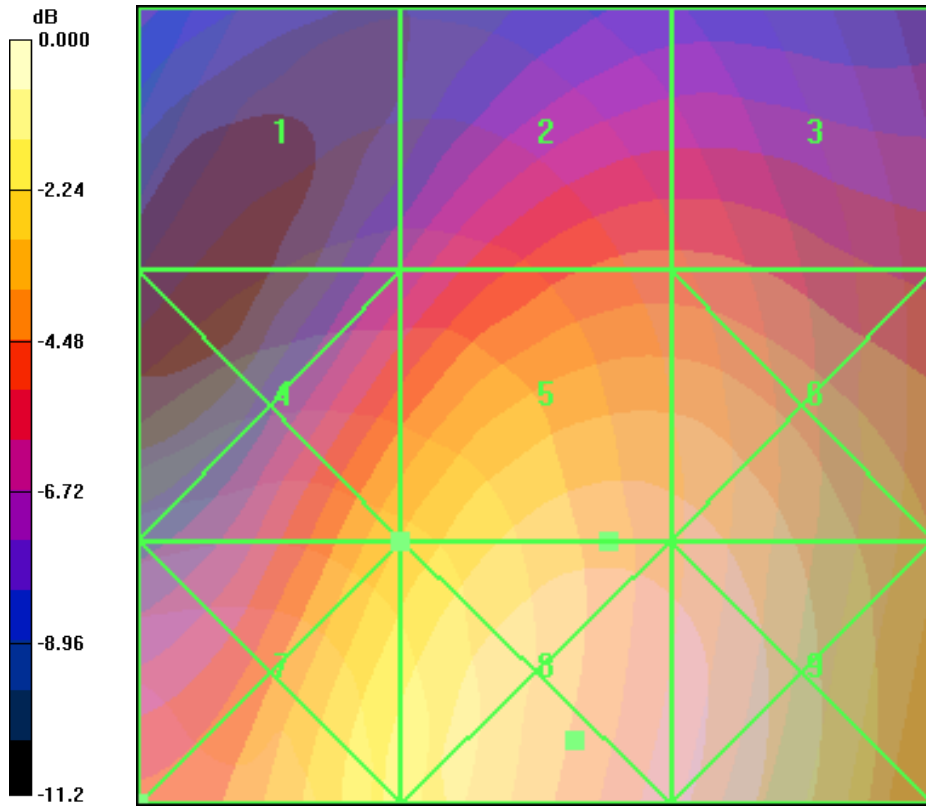Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.136 A/m; Power Drift = 0.178 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.122 M4	**0.122 M4**	**0.108 M4**
Grid 4	Grid 5	Grid 6
0.151 M4	**0.144 M4**	**0.114 M4**
Grid 7	Grid 8	Grid 9
0.180 M4	**0.155 M4**	**0.114 M4**

0 dB = 56.1V/m

SCP-8600, CDMA 1900 Channel 600

Date: 5/11/2010

Communication System: CDMA_Triband, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 8/14/2009Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn602,Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 47.5 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 46.1 V/m; Power Drift = 0.030 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
21.8 M4	**30.1 M4**	**30.3 M4**
Grid 4	Grid 5	Grid 6
37.1 M4	**47.5 M4**	**46.8 M4**
Grid 7	Grid 8	Grid 9
48.4 M4	**55.6 M4**	**53.2 M4**

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.148 A/m
Probe Modulation Factor = 1.00
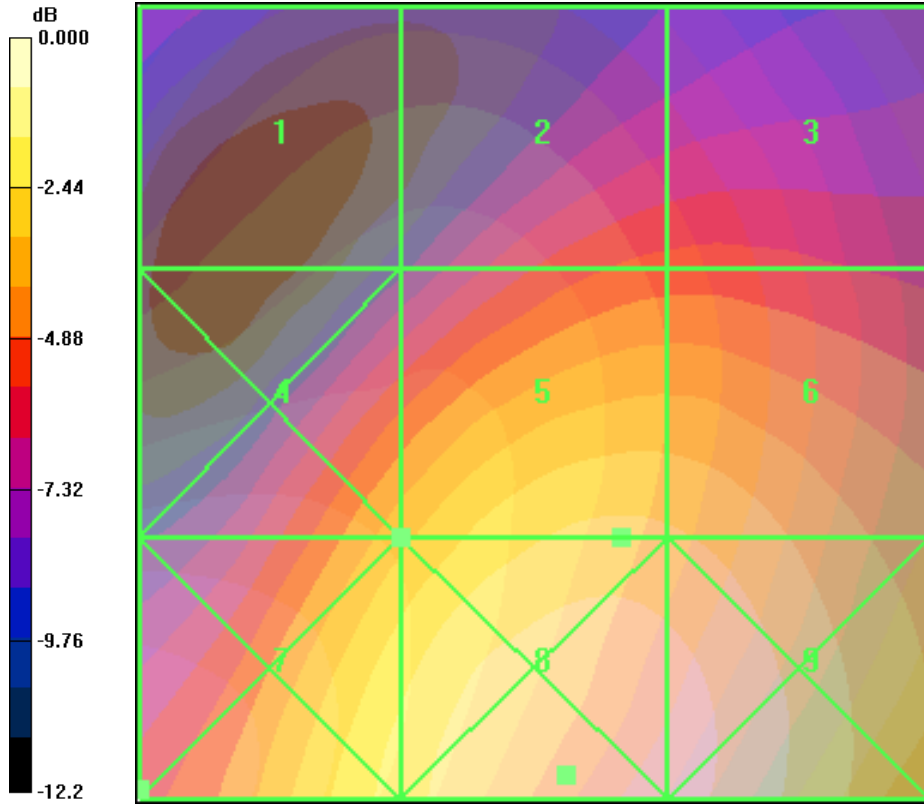Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.152 A/m; Power Drift = -0.037 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.136 M4	**0.137 M4**	**0.123 M4**
Grid 4	Grid 5	Grid 6
0.153 M4	**0.148 M4**	**0.125 M4**
Grid 7	Grid 8	Grid 9
0.177 M4	**0.150 M4**	**0.122 M4**

0 dB = 55.6V/m

SCP-8600, CDMA 1900 Channel 1175

Date: 5/11/2010

Communication System: CDMA_Triband, Frequency: 1910 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, $ε_r$ = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, $ε_r$ = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 8/14/2009Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn602,Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 43.1 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 42.9 V/m; Power Drift = -0.055 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
20.5 M4	30.2 M4	30.3 M4
Grid 4	Grid 5	Grid 6
33.7 M4	43.1 M4	42.7 M4
Grid 7	Grid 8	Grid 9
44.0 M4	49.8 M4	47.4 M4

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.112 A/m
Probe Modulation Factor = 1.00
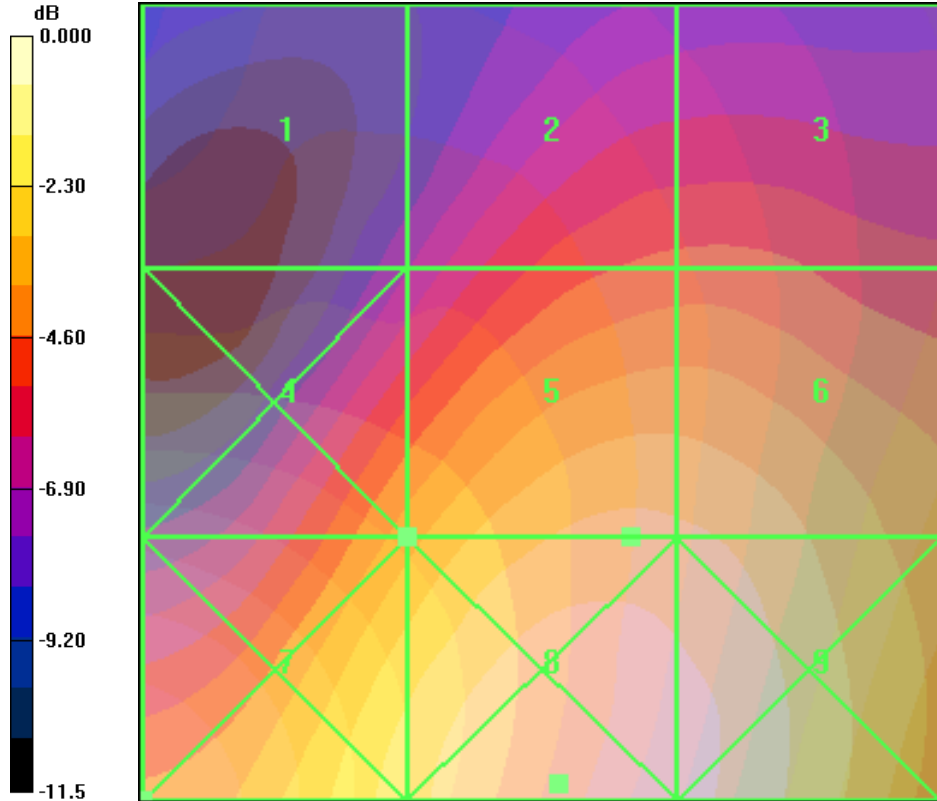Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.110 A/m; Power Drift = 0.025 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.098 M4	0.099 M4	0.089 M4
Grid 4	Grid 5	Grid 6
0.127 M4	0.112 M4	0.090 M4
Grid 7	Grid 8	Grid 9
0.156 M4	0.121 M4	0.089 M4

0 dB = 49.8V/m