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| Applicant | Kyocera |
| FCC ID: | OVF-K5301 |
| Report #: | CT- K5301-C2PC 20RFC-0911-R0 |

Exhibit 12 Appendix C: HAC RF Data Plot

PCS

CDMA 1900 Channel 25

Date: 09/06/2011

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 1/20/2011 Calibrated: 1/25/2011

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/13/2011

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 = 34.5 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 25.7 V/m; Power Drift = -0.181 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 32.9 M4 | Grid 2 27.8 M4 | Grid 3 25.2 M4 |
| Grid 4 25.5 M4 | Grid 5 34.3 M4 | Grid 6 34.5 M4 |
| Grid 7 37.0 M4 | Grid 8 40.9 M4 | Grid 9 40.4 M4 |

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.114 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.123 A/m; Power Drift = 0.003 dB

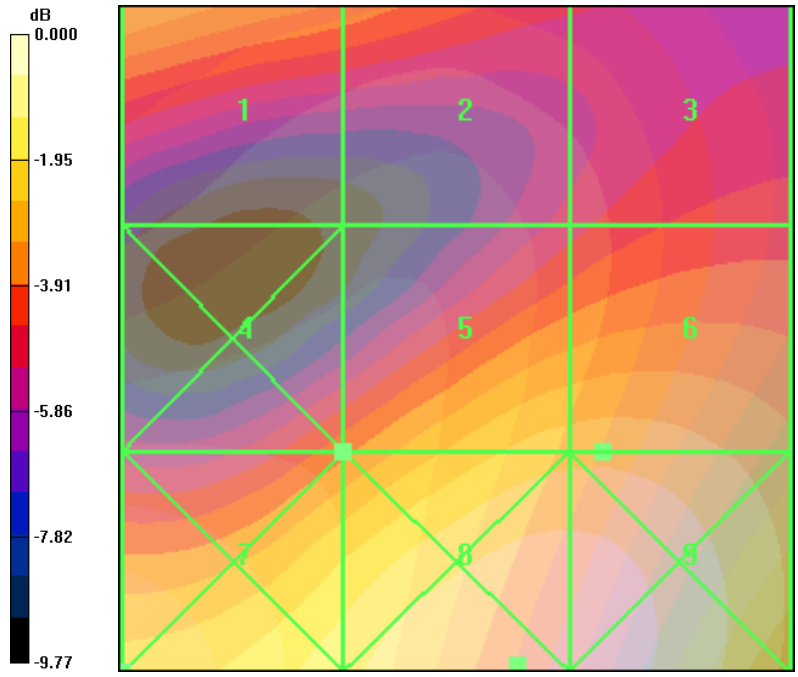
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.105 M4 | Grid 2 0.107 M4 | Grid 3 0.100 M4 |
| Grid 4 0.117 M4 | Grid 5 0.114 M4 | Grid 6 0.101 M4 |
| Grid 7 0.139 M4 | Grid 8 0.117 M4 | Grid 9 0.095 M4 |



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0 dB = 40.9V/m

CDMA 1900 Channel 600

Date: 09/06/2011

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 1/20/2011 Calibrated: 1/25/2011

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/13/2011

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 = 37.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 24.7 V/m; Power Drift = 0.091 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 37.1 M4 | Grid 2 33.5 M4 | Grid 3 25.7 M4 |
| Grid 4 24.7 M4 | Grid 5 33.9 M4 | Grid 6 34.1 M4 |
| Grid 7 38.4 M4 | Grid 8 42.5 M4 | Grid 9 41.5 M4 |

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.126 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.135 A/m; Power Drift = 0.034 dB

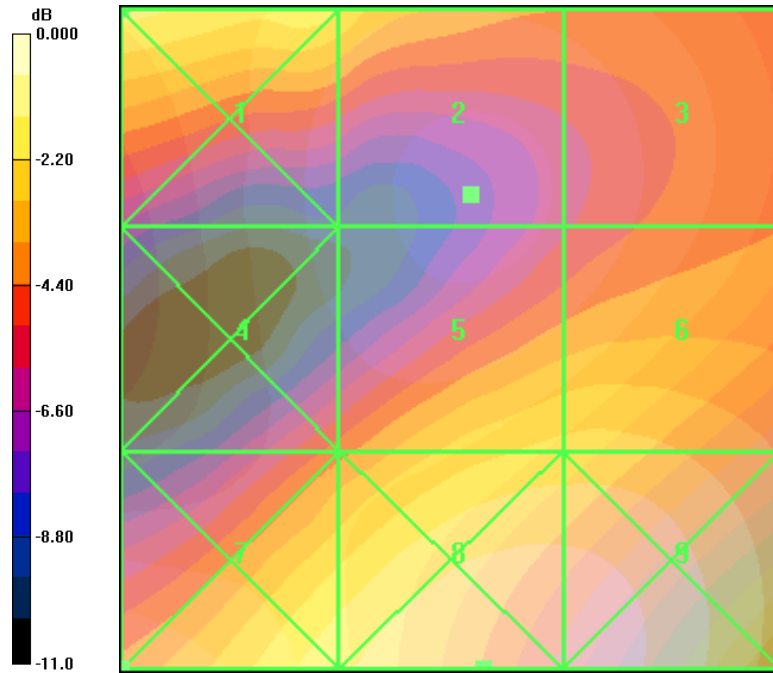
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.120 M4 | Grid 2 0.126 M4 | Grid 3 0.123 M4 |
| Grid 4 0.120 M4 | Grid 5 0.126 M4 | Grid 6 0.123 M4 |
| Grid 7 0.132 M4 | Grid 8 0.112 M4 | Grid 9 0.101 M4 |



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0 dB = 42.5V/m

CDMA 1900 Channel 1175

Date: 09/06/2011

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 1/20/2011 Calibrated: 1/25/2011

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/13/2011

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 = 38.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 24.6 V/m; Power Drift = 0.100 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 43.4 M4 | Grid 2 34.7 M4 | Grid 3 25.9 M4 |
| Grid 4 23.2 M4 | Grid 5 31.3 M4 | Grid 6 31.4 M4 |
| Grid 7 34.7 M4 | Grid 8 38.6 M4 | Grid 9 37.8 M4 |

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.128 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 = -0.029 dB

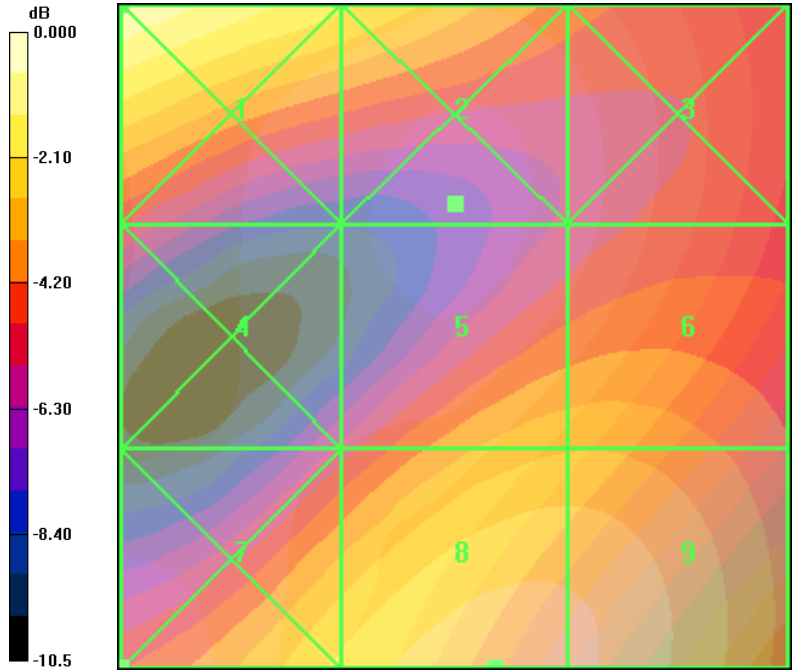
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.123 M4 | Grid 2 0.128 M4 | Grid 3 0.121 M4 |
| Grid 4 0.123 M4 | Grid 5 0.128 M4 | Grid 6 0.121 M4 |
| Grid 7 0.132 M4 | Grid 8 0.117 M4 | Grid 9 0.102 M4 |



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0 dB = 43.4V/m

CDMA 1900 Channel 600 (360) E roll

