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| Applicant: | Kyocera |
| FCC ID: | V65C5171 |
| Report #: | CT-C5171-20RFB-0712-R0 |

Exhibit 12 Appendix B: HAC RF Validation Plots

Validation E Field Probe SN2341, Dipole SN1015, 835MHz

Date: 07/23/2012

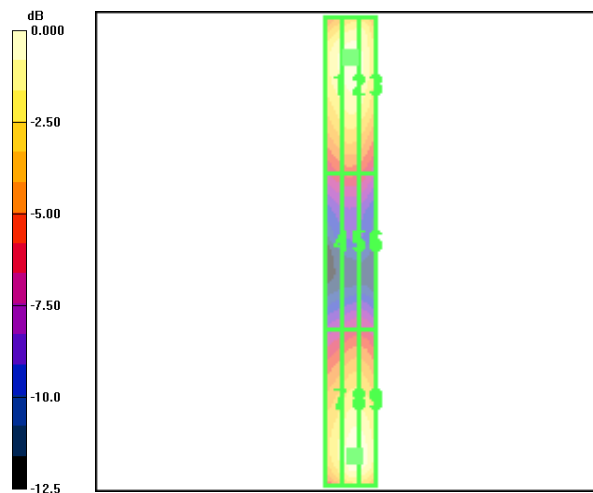
C5171_Dual_E_Dipole_835

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom: HAC Test Arch with AMCC, Phantom section: RF Section
 DASY4 Configuration:
 Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 2/17/2012
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn675, Calibrated: 5/23/2012
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186
 Temperature:
 Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

E Scan 835 - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid
 Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 163.2 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 182.1 V/m; Power Drift = -0.231 dB
 Hearing Aid Near-Field Category: M4 (AWF 0 dB)

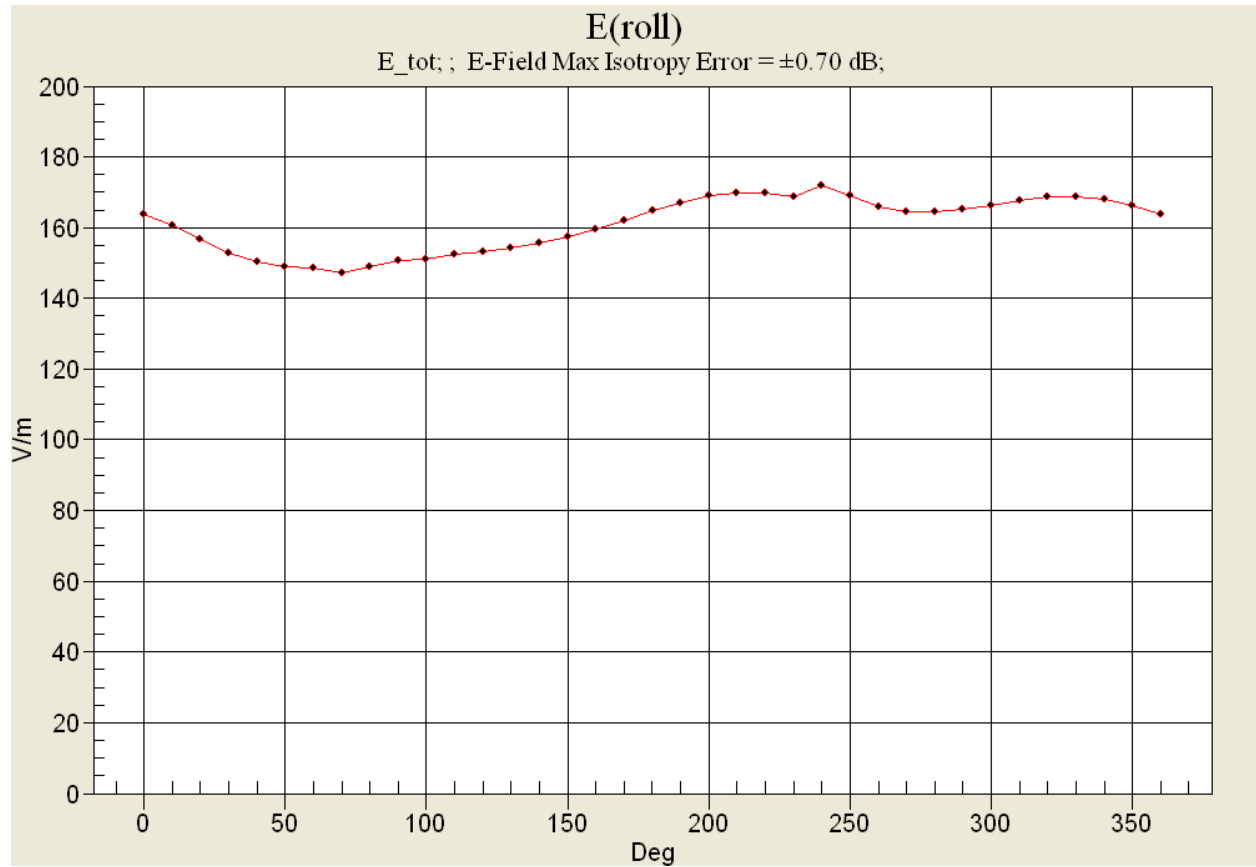
Peak E-field in V/m

| | | |
|--------------------|--------------------|--------------------|
| Grid 1 153.7 M4 | Grid 2 163.2 M4 | Grid 3 155.3 M4 |
| Grid 4 84.2 M4 | Grid 5 86.7 M4 | Grid 6 83.4 M4 |
| Grid 7 142.2 M4 | Grid 8 162.7 M4 | Grid 9 161.6 M4 |





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Validation E Field Probe SN2341, Dipole SN1015, 1900MHz

Date: 07/23/2012

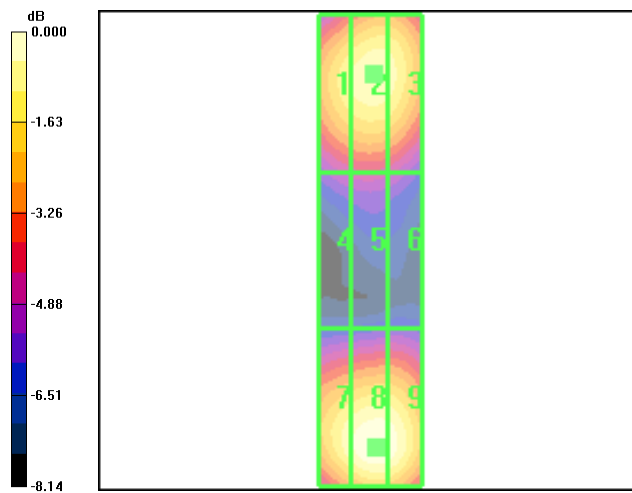
C5171__E_Dipole_1880

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom: HAC Test Arch with AMCC, Phantom section: RF Section
 DASY4 Configuration:
 Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 2/17/2012
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn675, Calibrated: 5/23/2012
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186
 Temperature:
 Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

E Scan 1880 - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 141.2 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 153.9 V/m; Power Drift = 0.119 dB
 Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

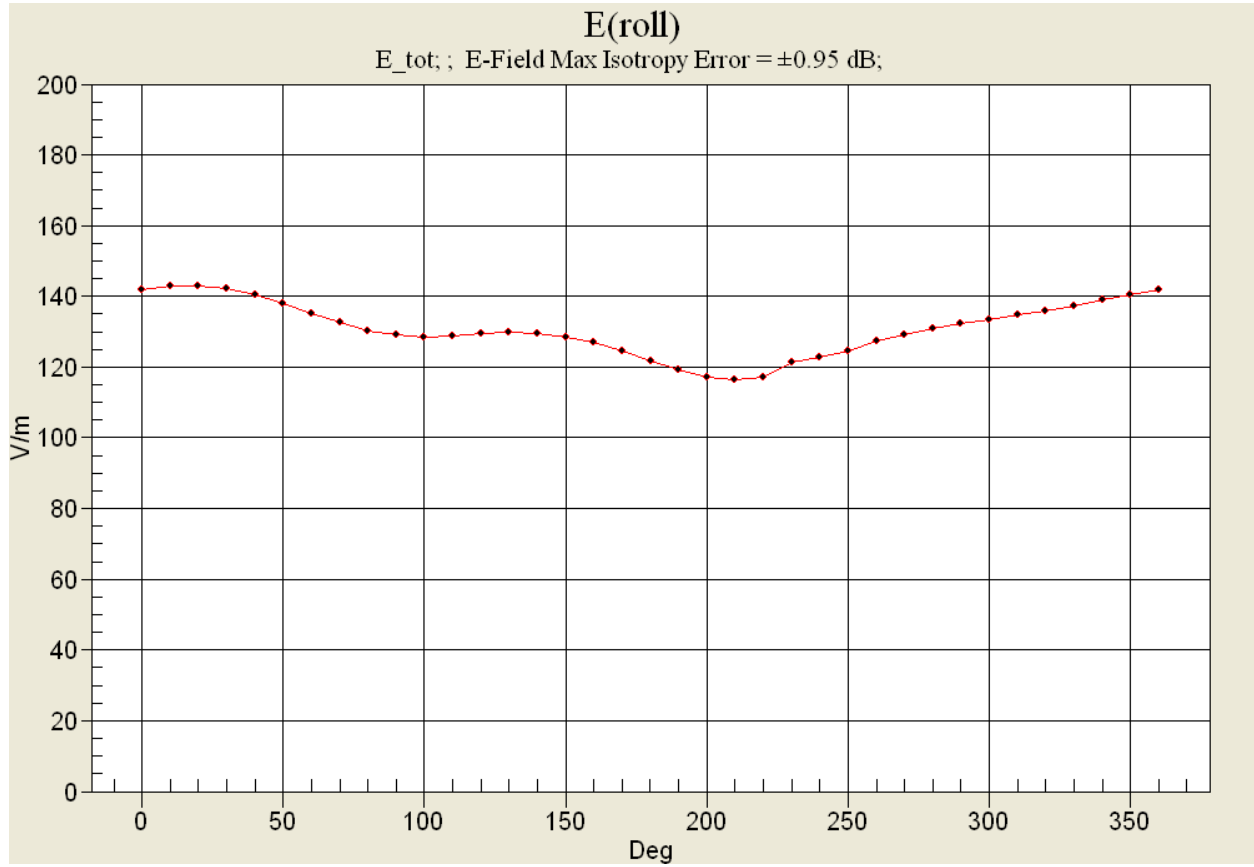
| | | |
|--------------------|--------------------|--------------------|
| Grid 1 125.7 M2 | Grid 2 131.1 M2 | Grid 3 128.7 M2 |
| Grid 4 83.5 M3 | Grid 5 85.4 M3 | Grid 6 82.6 M3 |
| Grid 7 131.9 M2 | Grid 8 141.2 M2 | Grid 9 138.5 M2 |



0 dB = 141.2V/m



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Validation H Field Probe SN6029, Dipole SN1015, 835MHz

Date: 07/23/2012

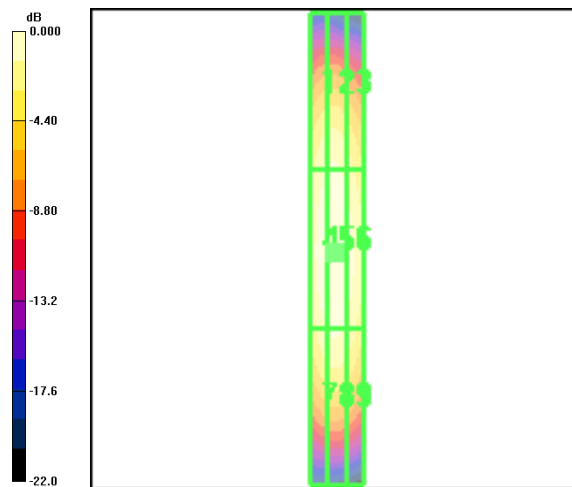
C5171__Dual_H_Dipole_835

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
 Medium: Air, 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: H3DV6 - SN6123, , Calibrated: 2/17/2012
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn675, Calibrated: 5/23/2012
 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

H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid
 Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.481 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.526 A/m; Power Drift = 0.155 dB
 Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

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|--------------------|--------------------|--------------------|
| Grid 1 0.413 M4 | Grid 2 0.421 M4 | Grid 3 0.382 M4 |
| Grid 4 0.470 M4 | Grid 5 0.481 M4 | Grid 6 0.447 M4 |
| Grid 7 0.411 M4 | Grid 8 0.423 M4 | Grid 9 0.395 M4 |



0 dB = 0.481A/m

Validation H Field Probe SN6029, Dipole SN1015, 1900MHz

Date: 07/23/2012

C5171__H_Dipole_1880

Communication System: CW, Frequency: 1800 MHz, Duty Cycle: 1:1
 Medium: Air, 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: H3DV6 - SN6123, , Calibrated: 2/17/2012
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn675, Calibrated: 5/23/2012
 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

H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid
 Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.477 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.528 A/m; Power Drift = -0.034 dB
 Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

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|--------------------|--------------------|--------------------|
| Grid 1 0.425 M2 | Grid 2 0.440 M2 | Grid 3 0.415 M2 |
| Grid 4 0.461 M2 | Grid 5 0.477 M2 | Grid 6 0.450 M2 |
| Grid 7 0.418 M2 | Grid 8 0.434 M2 | Grid 9 0.407 M2 |

