

Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-20RFB-0113-R0

Validation E Field Probe SN2341, Dipole SN1015, 835MHz

Date: 01/22/2013

S2151_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

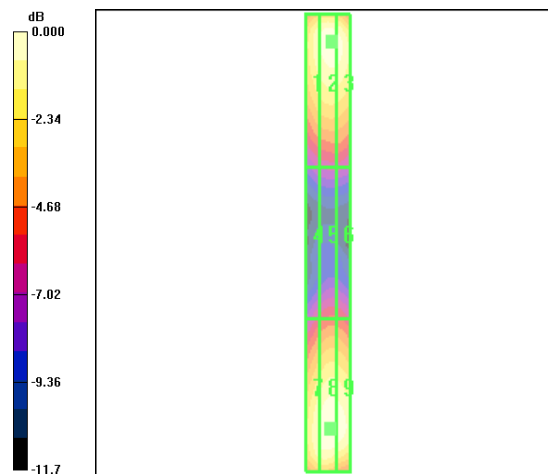
DASY4 Configuration:

Probe: ER3DV6 - SN2341, ConvF(1, 1, 1), Calibrated: 9/14/2012
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/30/2012
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 °C, Liquid T = 22.0 °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 = 158.0 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 171.3 V/m; Power Drift = 0.167 dB
 Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

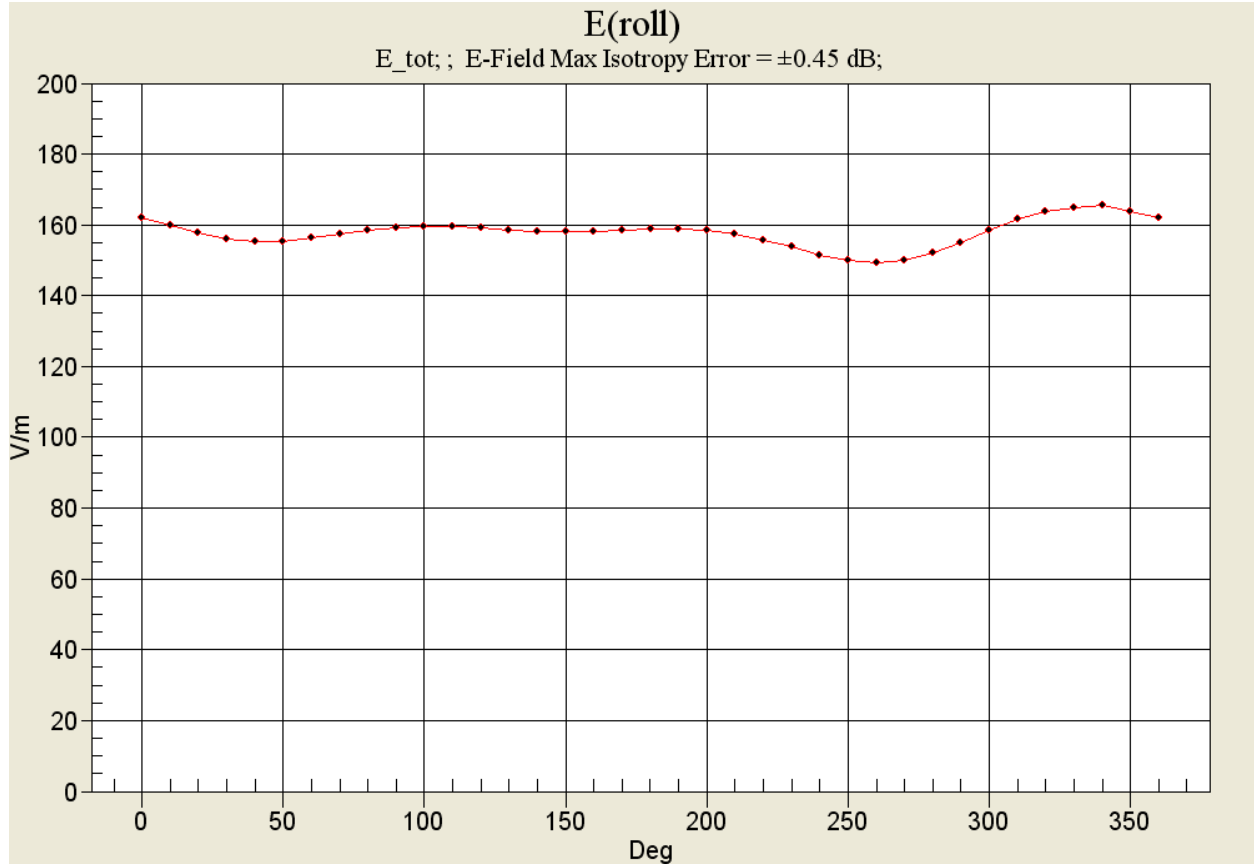
Grid 1 146.0 M4	Grid 2 154.9 M4	Grid 3 153.6 M4
Grid 4 81.3 M4	Grid 5 87.6 M4	Grid 6 87.1 M4
Grid 7 147.7 M4	Grid 8 158.0 M4	Grid 9 155.5 M4



0 dB = 158.0V/m



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Validation E Field Probe SN2341, Dipole SN1015, 1900MHz

Date: 01/22/2013

S2151_Dual_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:

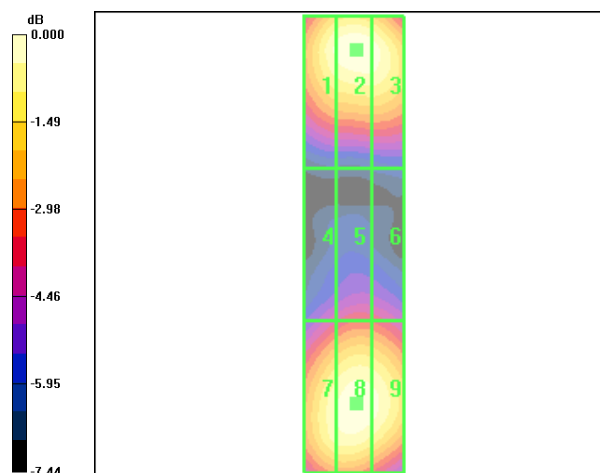
Probe: ER3DV6 - SN2341, ConvF(1, 1, 1), Calibrated: 9/14/2012
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/30/2012
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C

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 = 136.5 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 137.3 V/m; Power Drift = -0.046 dB
 Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1 130.9 M2	Grid 2 136.5 M2	Grid 3 133.9 M2
Grid 4 85.8 M3	Grid 5 91.8 M3	Grid 6 90.5 M3
Grid 7 129.3 M2	Grid 8 135.1 M2	Grid 9 132.4 M2



0 dB = 136.5V/m

Validation H Field Probe SN6029, Dipole SN1015, 835MHz

Date: 01/22/2013

Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-20RFB-0113-R0

S2151_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 Sn527, Calibrated: 7/30/2012
 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 = 0.441 A/m

Probe Modulation Factor = 1.00

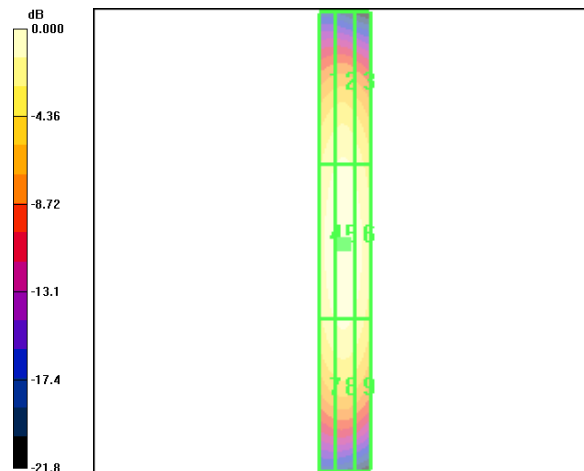
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.489 A/m; Power Drift = -0.028 dB

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

Peak H-field in A/m

Grid 1 0.374 M4	Grid 2 0.386 M4	Grid 3 0.360 M4
Grid 4 0.426 M4	Grid 5 0.441 M4	Grid 6 0.414 M4
Grid 7 0.379 M4	Grid 8 0.390 M4	Grid 9 0.368 M4



0 dB = 0.441A/m

Validation H Field Probe SN6029, Dipole SN1015, 1900MHz

Date: 01/22/2013

Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-20RFB-0113-R0

S2151_Dual_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 Sn527, Calibrated: 7/30/2012
 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 = 0.468 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.513 A/m; Power Drift = -0.011 dB
 Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.415 M2	Grid 2 0.431 M2	Grid 3 0.405 M2
Grid 4 0.452 M2	Grid 5 0.468 M2	Grid 6 0.445 M2
Grid 7 0.414 M2	Grid 8 0.431 M2	Grid 9 0.411 M2

