

Applicant:	Kyocera
FCC ID:	V65SCP-8600
Report #:	CT-8600-20RFB-0510-R0

Validation E-Field Probe SN2282, Dipole SN1020, 835 MHz

Date: 5/11/2010

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: 8/14/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

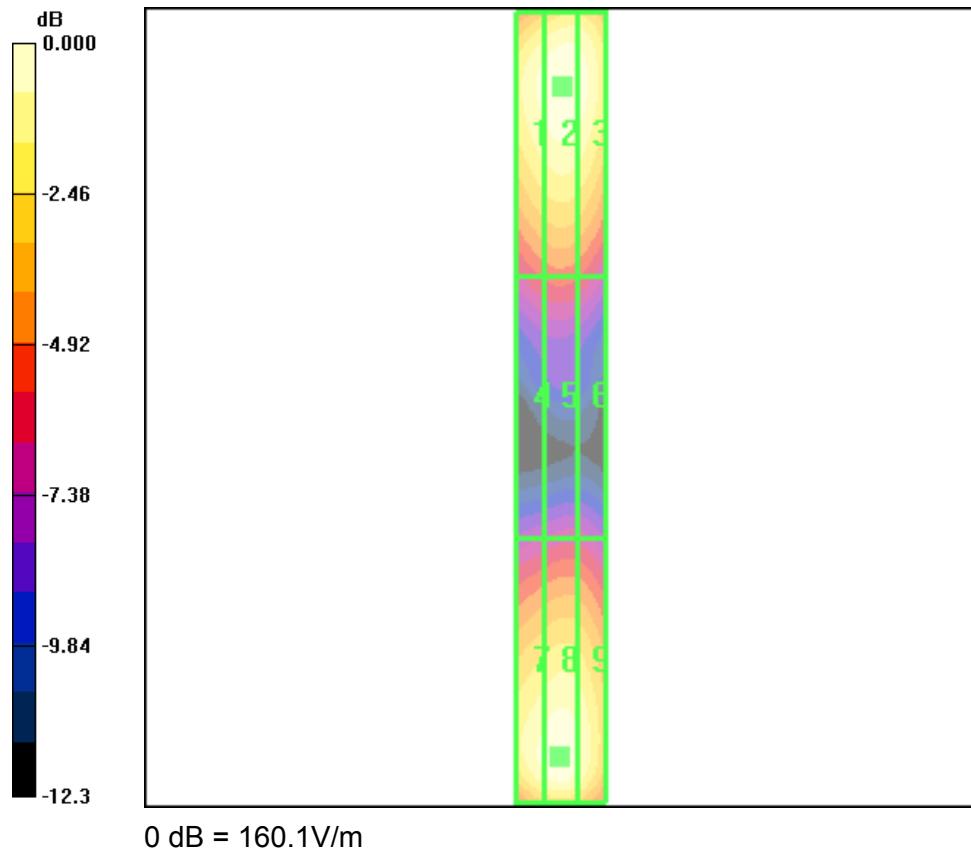
Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8° 1 deg C, Liquid T = 22.0° 1 deg C

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 = 160.1 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 183.0 V/m; Power Drift = -0.050 Db

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
152.3 M4	159.3 M4	156.0 M4
Grid 4	Grid 5	Grid 6
85.4 M4	87.8 M4	84.8 M4
Grid 7	Grid 8	Grid 9
152.8 M4	160.1 M4	151.0 M4



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Validation H-Field Probe SN6123, Dipole SN1020, 835 MHz

Date: 5/11/2010

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: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

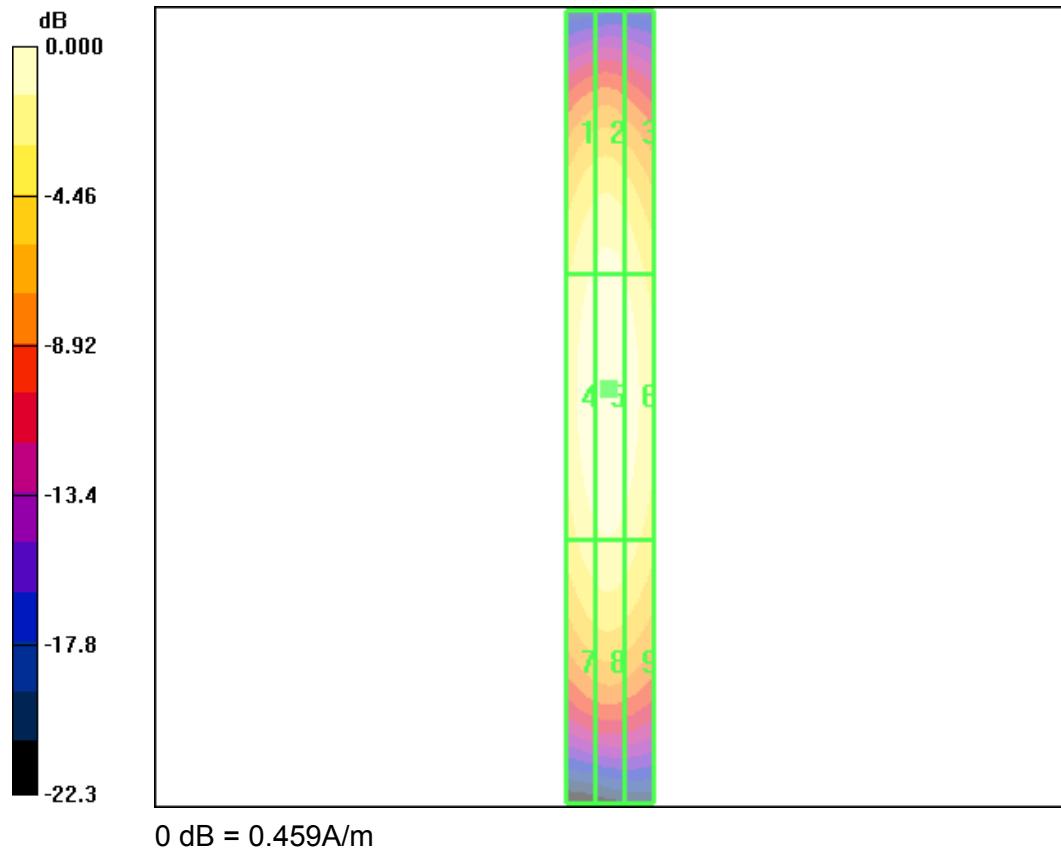
Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8° 1 deg C, Liquid T = 22.0° 1 deg C

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 = 0.459 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 = -0.049 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.397 M4	0.413 M4	0.383 M4
Grid 4	Grid 5	Grid 6
0.442 M4	0.459 M4	0.429 M4
Grid 7	Grid 8	Grid 9
0.371 M4	0.384 M4	0.362 M4



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Validation E-Field Probe SN2282, Dipole SN1015, 1800 MHz

Date: 5/11/2010

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: 8/14/2009

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

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 = 137.5 V/m

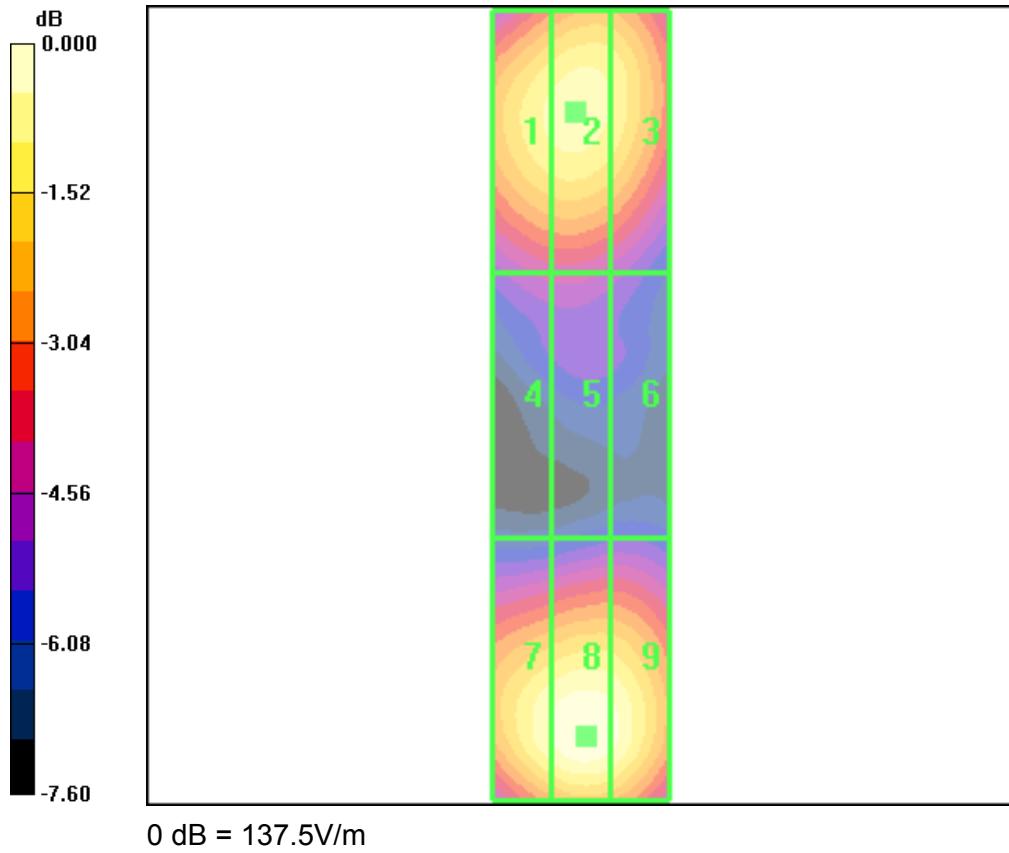
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 151.0 V/m; Power Drift = 0.069 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
124.2 M2	127.1 M2	122.1 M2
Grid 4	Grid 5	Grid 6
83.4 M3	84.0 M3	79.3 M3
Grid 7	Grid 8	Grid 9
130.3 M2	137.5 M2	132.8 M2



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Validation H-Field Probe SN6123, Dipole SN1015, 1880 MHz

Date: 5/11/2010

Communication System: CW, Frequency: 1900 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: 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

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 = 0.476 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.506 A/m; Power Drift = -0.023 dB

Peak H-field in A/m

Grid 1 0.418 M2	Grid 2 0.435 M2	Grid 3 0.406 M2
Grid 4 0.457 M2	Grid 5 0.476 M2	Grid 6 0.448 M2
Grid 7 0.411 M2	Grid 8 0.427 M2	Grid 9 0.403 M2

