

Applicant:	Kyocera
FCC ID:	V65SCP-3810
Report #:	CT-V65-20RFB-0509-R0

Validation E-Field Probe SN2341, Dipole SN1020, 800 MHz

Date: 5/28/2009

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:xxx
 Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 3/10/2009
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

E 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 = 153.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

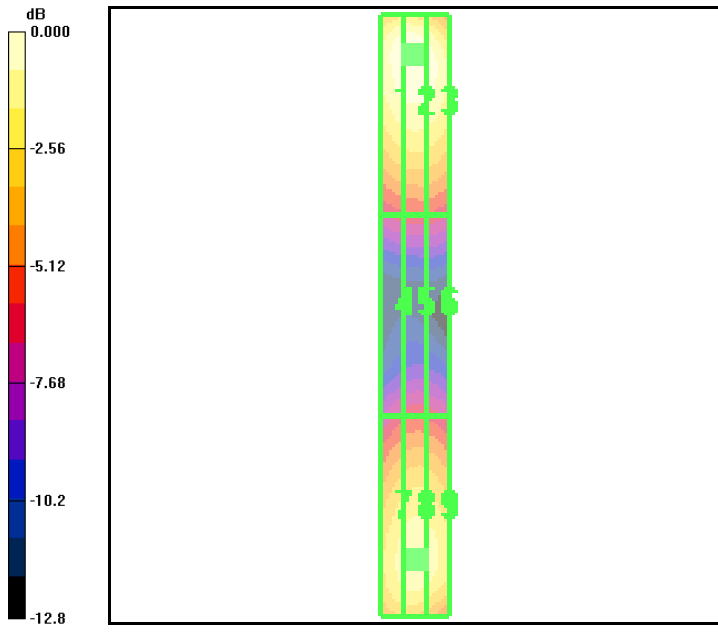
Reference Value = 48.2 V/m; Power Drift = 0.003 dB

Peak E-field in V/m

Grid 1 151.0 M4	Grid 2 153.6 M4	Grid 3 149.4 M4
Grid 4 75.1 M4	Grid 5 77.1 M4	Grid 6 76.2 M4
Grid 7 132.0 M4	Grid 8 136.8 M4	Grid 9 134.5 M4



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Validation E-Field Probe SN2341, Dipole SN1015, 1800 MHz

Date: 5/29/2009

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:xxx
 Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 3/10/2009
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

E Scan - measurement distance from the probe sensor center to CD1700 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 145.8 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

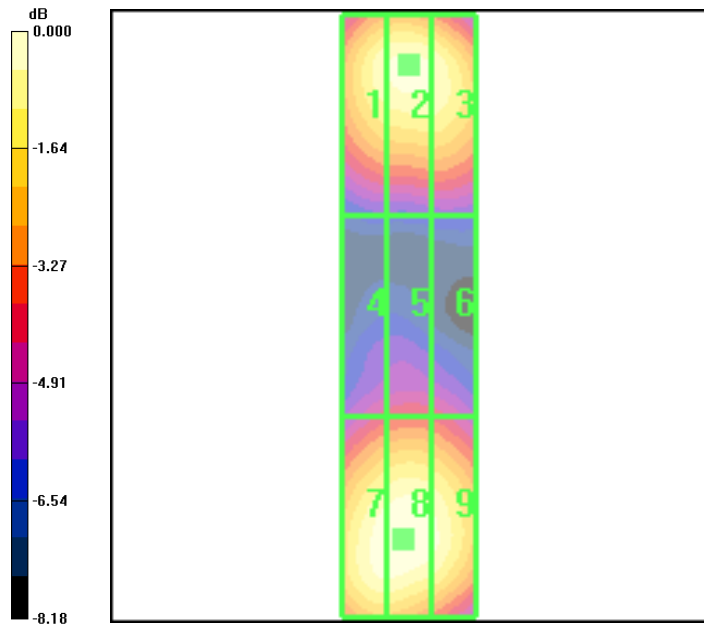
Reference Value = 119.8 V/m; Power Drift = -0.055 dB

Peak E-field in V/m

Grid 1 136.2 M2	Grid 2 140.7 M2	Grid 3 137.6 M2
Grid 4 91.2 M3	Grid 5 94.7 M3	Grid 6 92.5 M3
Grid 7 143.7 M2	Grid 8 145.8 M2	Grid 9 140.1 M2



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0 dB = 145.8V/m

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Validation H-Field Probe SN6123, Dipole SN1020, 800 MHz

Date: 5/27/2009

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:xxx
 Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 8/18/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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 = 0.426 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

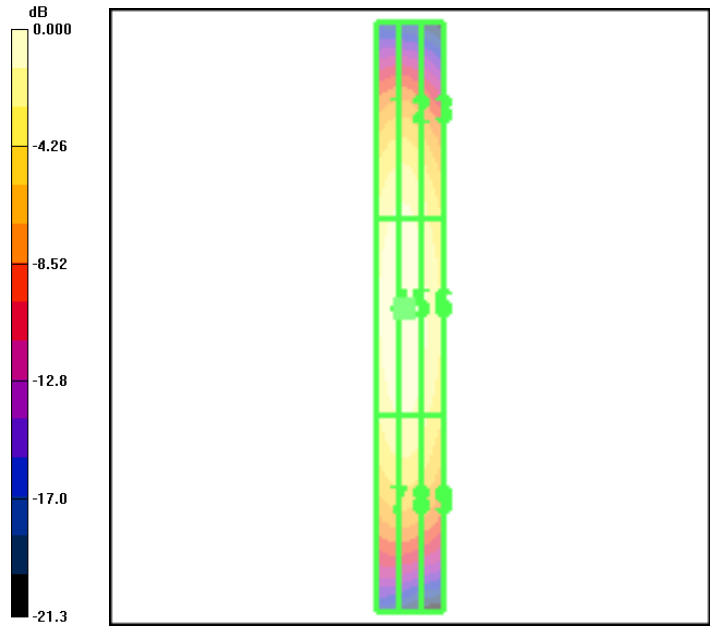
Reference Value = 0.396 A/m; Power Drift = -0.031 dB

Peak H-field in A/m

Grid 1 0.375 M4	Grid 2 0.380 M4	Grid 3 0.336 M4
Grid 4 0.419 M4	Grid 5 0.426 M4	Grid 6 0.384 M4
Grid 7 0.361 M4	Grid 8 0.366 M4	Grid 9 0.332 M4



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0 dB = 0.426A/m

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Validation H-Field Probe SN6123, Dipole SN1015, 1800 MHz

Date: 5/27/2009

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:xxx
 Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 8/18/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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 = 0.437 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

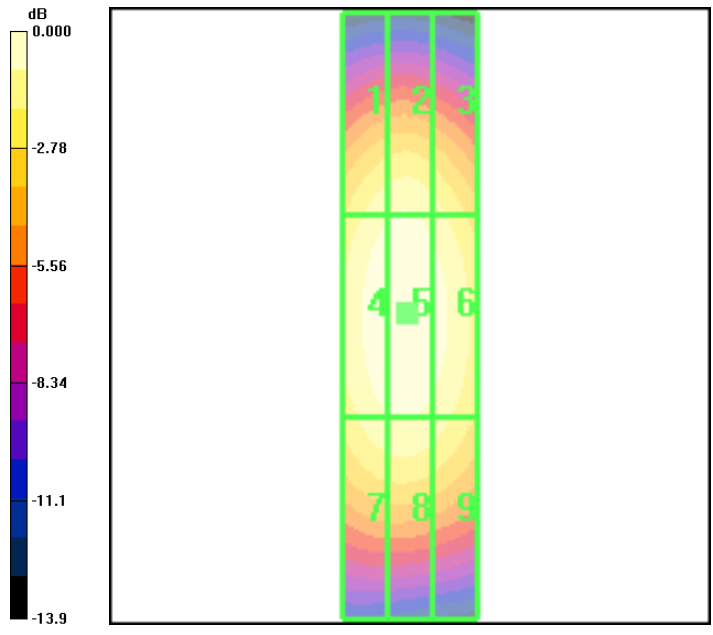
Reference Value = 0.460 A/m; Power Drift = -0.023 dB

Peak H-field in A/m

Grid 1 0.386 M2	Grid 2 0.398 M2	Grid 3 0.372 M2
Grid 4 0.427 M2	Grid 5 0.437 M2	Grid 6 0.414 M2
Grid 7 0.388 M2	Grid 8 0.396 M2	Grid 9 0.376 M2



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0 dB = 0.437A/m