

Validation E Field Probe SN2282, Dipole SN1015, 1900MHz

Date: 6/15/2010

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 Sn527, Calibrated: 7/9/2009
 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 = 147.7 V/m

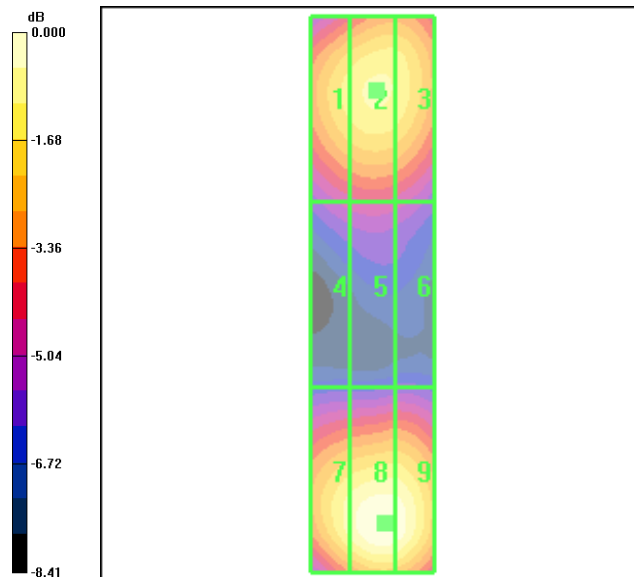
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 164.0 V/m; Power Drift = -0.045 dB

Peak E-field in V/m

Grid 1 126.3 M2	Grid 2 131.6 M2	Grid 3 129.4 M2
Grid 4 86.3 M3	Grid 5 88.7 M3	Grid 6 86.4 M3
Grid 7 135.5 M2	Grid 8 147.7 M2	Grid 9 145.8 M2



0 dB = 147.7V/m

Validation H Field Probe SN6123, Dipole SN1015, 1900MHz

Date: 6/13/2010

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 Sn527, Calibrated: 7/9/2009
 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 = 0.453 A/m

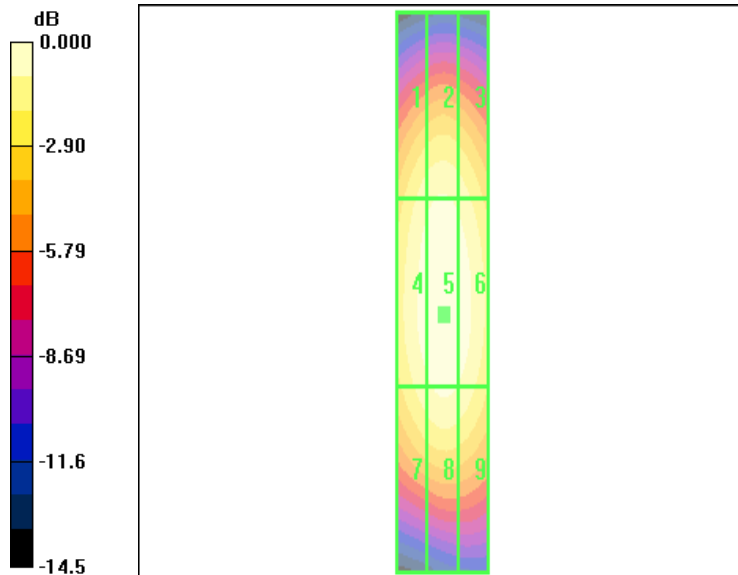
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.487 A/m; Power Drift = -0.073 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.390 M2	0.412 M2	0.392 M2
Grid 4	Grid 5	Grid 6
0.430 M2	0.453 M2	0.437 M2
Grid 7	Grid 8	Grid 9
0.394 M2	0.418 M2	0.403 M2



0 dB = 0.453A/m