

File Name: [Validation H-Field, Ceramix PCS only #1339, 1900Mhz 121408.da4](#)

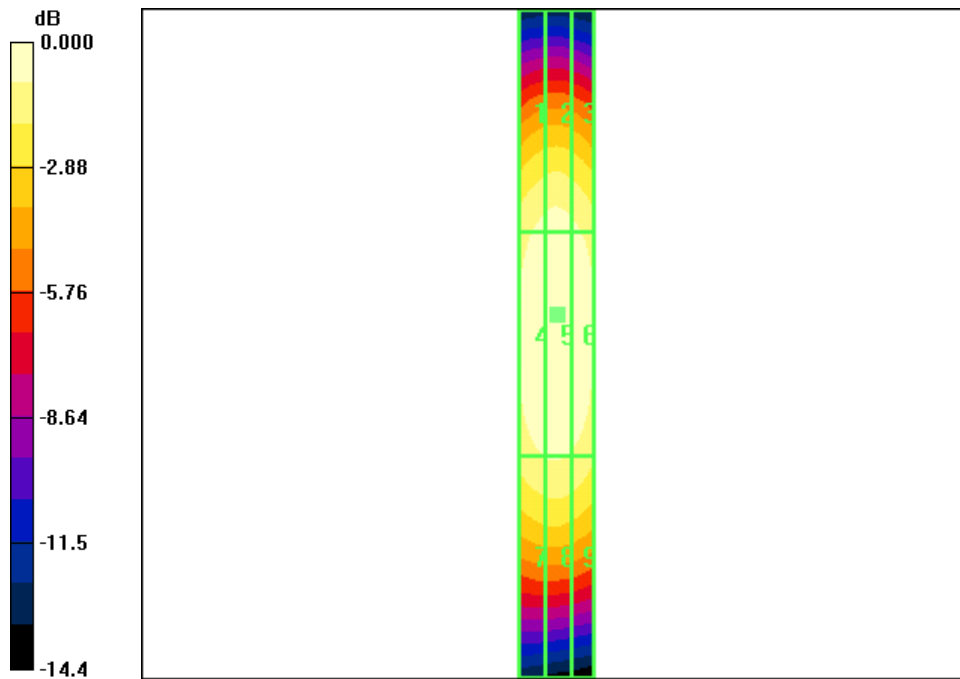
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Device Section

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;
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

H-Field Scan/Hearing Aid Compatibility Test (21x181x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.494 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.541 A/m; Power Drift = 0.066 dB

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.461 M2 | Grid 2 0.467 M2 | Grid 3 0.457 M2 |
| Grid 4 0.489 M2 | Grid 5 0.494 M2 | Grid 6 0.484 M2 |
| Grid 7 0.444 M2 | Grid 8 0.448 M2 | Grid 9 0.438 M2 |



0 dB = 0.494A/m

File Name: [Validation E-Field, Ceramix PCS only #1339, 1900Mhz 121408.da4](#)

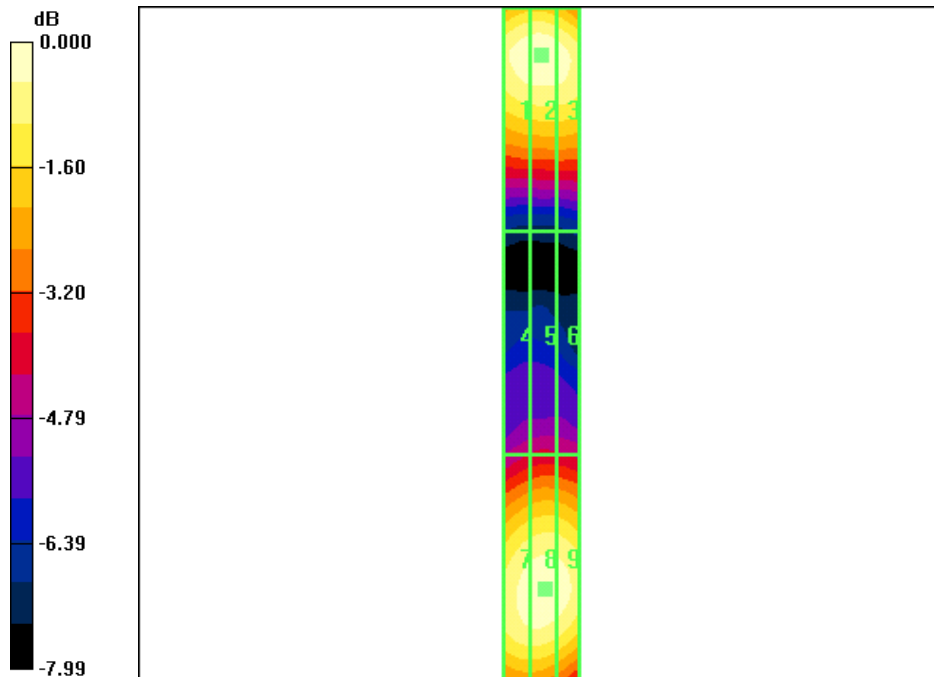
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Device Section

DASY4 Configuration:
 - Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 4/17/2008
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn530; Calibrated: 4/15/2008
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

E-Field Scan/Hearing Aid Compatibility Test (21x181x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 144.9 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 72.9 V/m; Power Drift = -0.035 dB

Peak E-field in V/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 143.2 M2 | Grid 2 144.9 M2 | Grid 3 141.5 M2 |
| Grid 4 89.5 M3 | Grid 5 91.1 M3 | Grid 6 90.4 M3 |
| Grid 7 140.9 M2 | Grid 8 142.2 M2 | Grid 9 140.9 M2 |



0 dB = 144.9V/m