

Test Laboratory: HUAWEI SAR Lab

HAC_ER3DV6_U8651S-GSM1900-810CH**DUT: U8651S; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; ; Serial: SAR1**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 2$ kg/m³

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 11/11/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, V52.8 Build 1; SEMCAD X Version 14.0 Build 57

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 68 V/m

Probe Modulation Factor = 2.83

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.1 V/m; Power Drift = 0.168 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

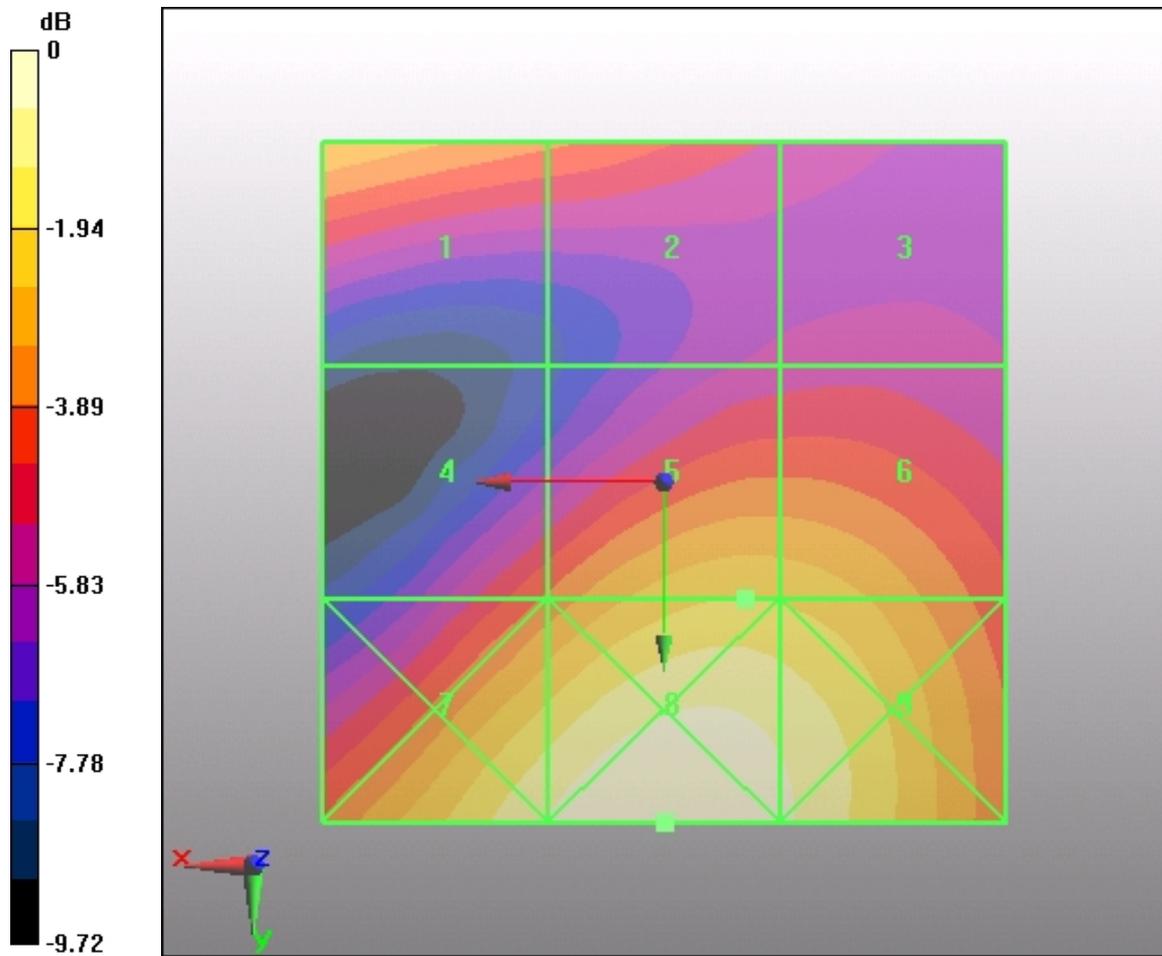
Grid 1 62.9 M4	Grid 2 55.3 M4	Grid 3 46.3 M4
Grid 4 55.2 M4	Grid 5 68 M3	Grid 6 67.4 M3
Grid 7 79.3 M3	Grid 8 85 M3	Grid 9 80.1 M3

Cursor:

Total = 85 V/m

E Category: M3

Location: 0, 25, 8.7 mm



0 dB = 85V/m

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Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: RF Section

DASY5 Configuration:

- Probe: H3DV6 - SN6270; ; Calibrated: 11/21/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, V52.8 Build 1; SEMCAD X Version 14.0 Build 57

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.203 A/m

Probe Modulation Factor = 2.83

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.079 A/m; Power Drift = -0.055 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

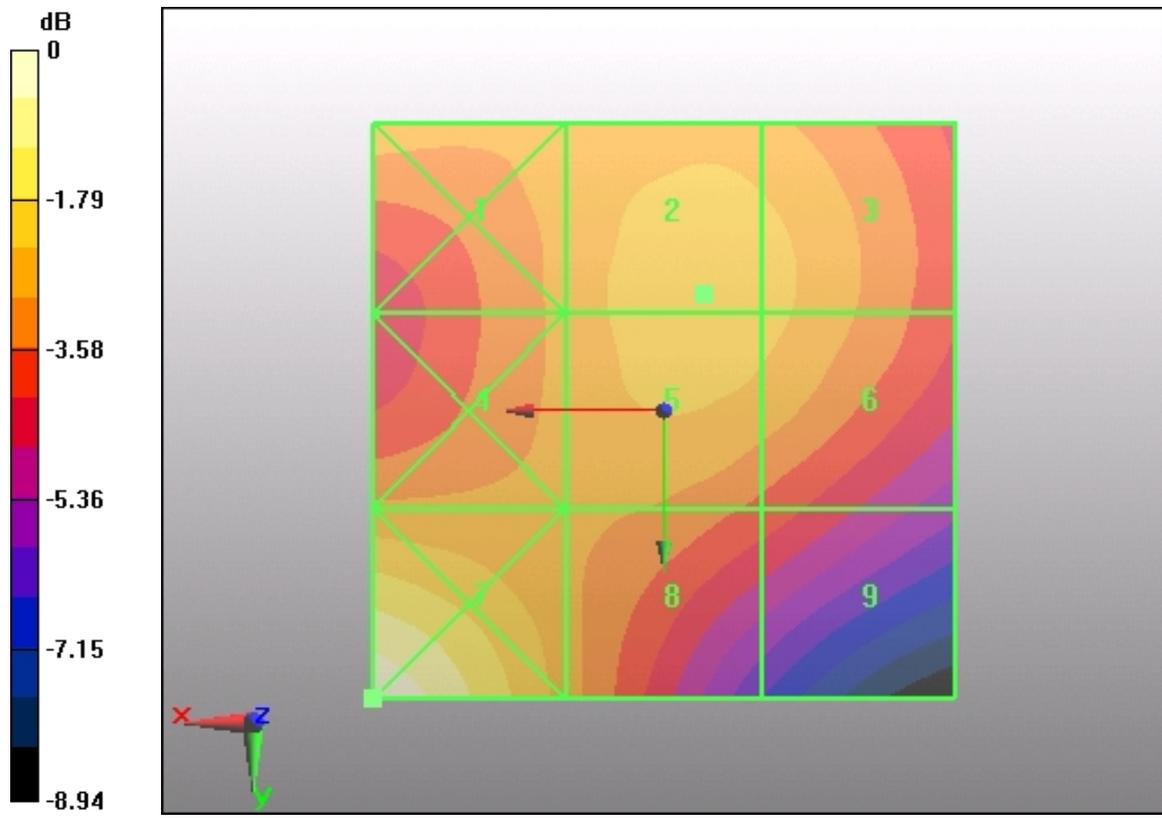
Grid 1 0.190 M3	Grid 2 0.203 M3	Grid 3 0.198 M3
Grid 4 0.184 M4	Grid 5 0.202 M3	Grid 6 0.198 M3
Grid 7 0.254 M3	Grid 8 0.187 M4	Grid 9 0.165 M4

Cursor:

Total = 0.254 A/m

H Category: M3

Location: 25, 25, 8.7 mm



0 dB = 0.254A/m