

0 dB = 40.61 V/m = 32.17 dBV/m

RF RESULTS AND M-RATING	E-Field M Rating	M4 (AWF 0 dB)
	H-Field M Rating	M4 (AWF 0 dB)
	Total M Rating	M4

Fig B.27 Total M-rating of WCDMA 850

Total M-rating of WCDMA 1900 MHz Band

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature:22.6°C

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Probe: ER3DV6 - SN2272Probe: H3DV6 - SN6103;ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.44 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.005 is applied.

E-field emissions = 20.52 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 16.48 V/m	Grid 2 M4 14.90 V/m	Grid 3 M4 14.98 V/m
Grid 4 M4 15.91 V/m	Grid 5 M4 20.40 V/m	Grid 6 M4 20.52 V/m
Grid 7 M4 18.36 V/m	Grid 8 M4 23.15 V/m	Grid 9 M4 23.15 V/m

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.06000 A/m; Power Drift = -0.19 dB

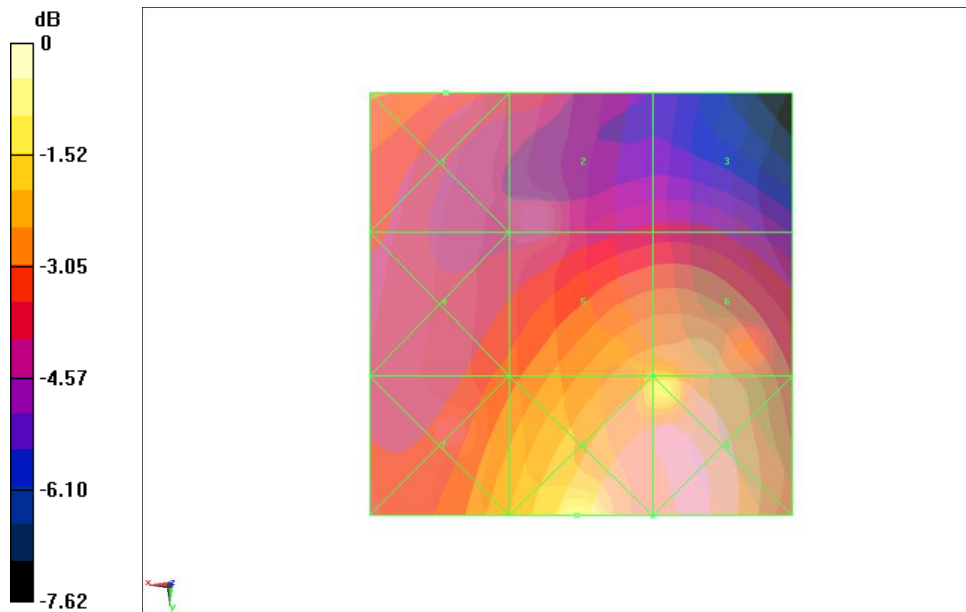
PMR not calibrated. PMF = 1.005 is applied.

H-field emissions = 0.06610 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.078 A/m	Grid 2 M4 0.063 A/m	Grid 3 M4 0.032 A/m
Grid 4 M4 0.067 A/m	Grid 5 M4 0.059 A/m	Grid 6 M4 0.048 A/m
Grid 7 M4 0.069 A/m	Grid 8 M4 0.066 A/m	Grid 9 M4 0.056 A/m



0 dB = 23.15 V/m = 27.29 dBV/m

RF RESULTS AND M-RATING	E-Field M Rating	M4 (AWF 0 dB)
	H-Field M Rating	M4 (AWF 0 dB)
	Total M Rating	M4

Fig B.28 Total M-rating of WCDMA 1900

HAC RF E-Field GSM 850 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.90 V/m; Power Drift = -0.06 dB

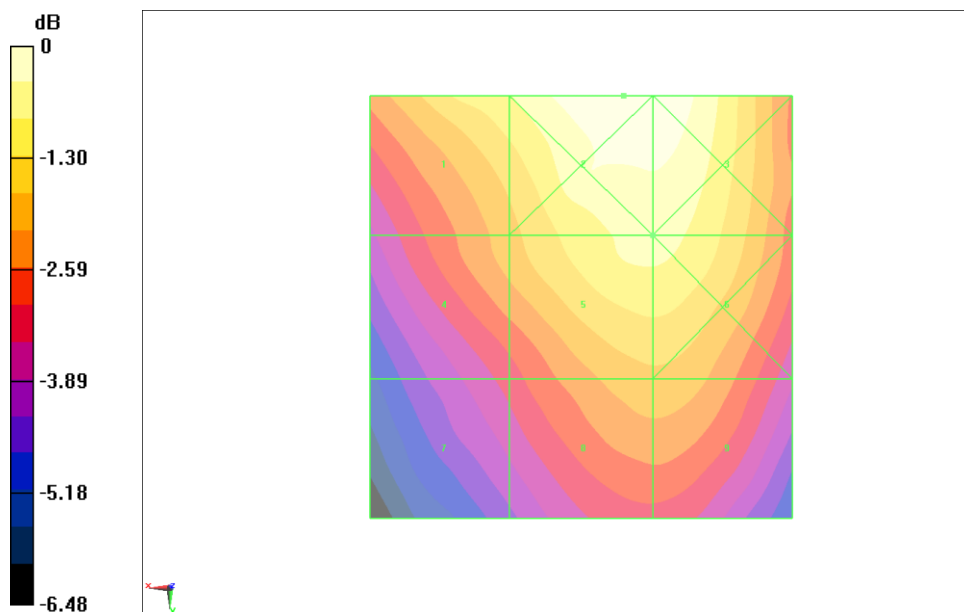
PMR not calibrated. PMF = 2.875 is applied.

E-field emissions = 97.32 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 95.45 V/m	Grid 2 M4 105.5 V/m	Grid 3 M4 105.2 V/m
Grid 4 M4 85.02 V/m	Grid 5 M4 97.32 V/m	Grid 6 M4 97.32 V/m
Grid 7 M4 72.81 V/m	Grid 8 M4 85.62 V/m	Grid 9 M4 85.66 V/m



0 dB = 105.7 V/m = 40.48 dBV/m

Fig B.29 HAC RF E-Field GSM 850 High

HAC RF E-Field GSM 850 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 41.08 V/m; Power Drift = -0.02 dB

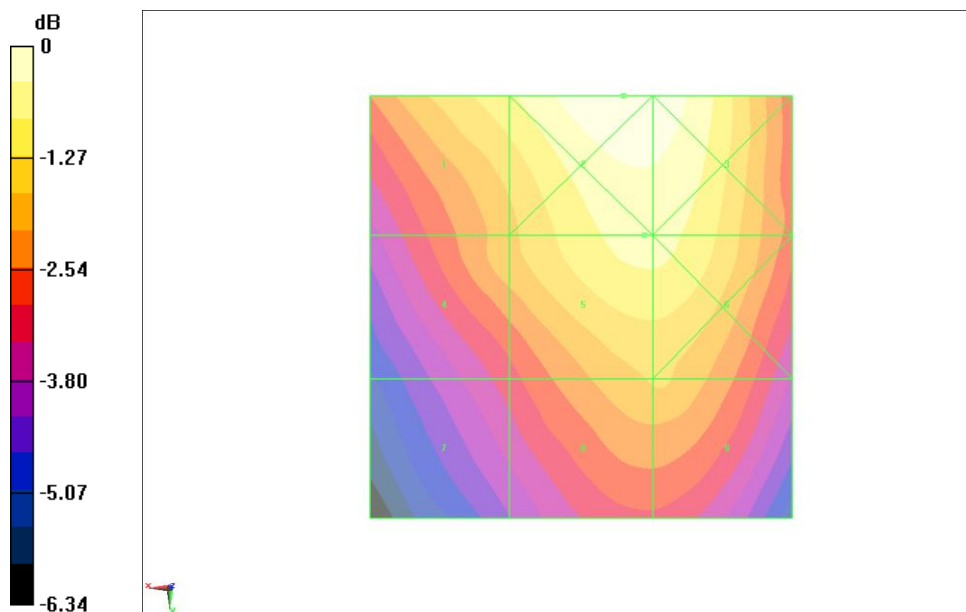
PMR not calibrated. PMF = 2.875 is applied.

E-field emissions = 106.1 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 103.5 V/m	Grid 2 M4 114.7 V/m	Grid 3 M4 113.6 V/m
Grid 4 M4 93.33 V/m	Grid 5 M4 106.1 V/m	Grid 6 M4 106.0 V/m
Grid 7 M4 80.17 V/m	Grid 8 M4 95.03 V/m	Grid 9 M4 95.16 V/m



0 dB = 114.9 V/m = 41.21 dBV/m

Fig B.30 HAC RF E-Field GSM 850 Middle

HAC RF E-Field GSM 850 Low with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.86 V/m; Power Drift = -0.03 dB

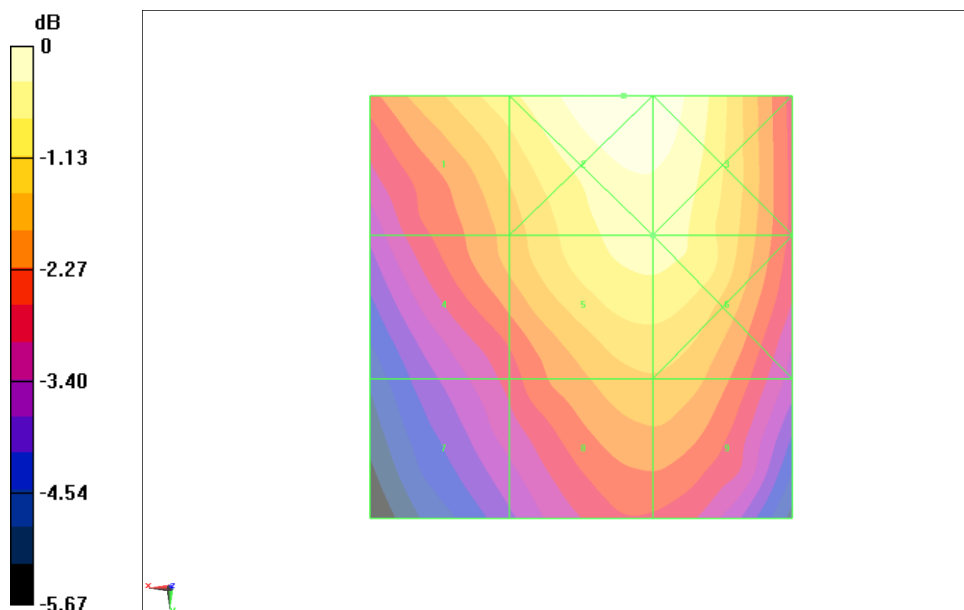
PMR not calibrated. PMF = 2.875 is applied.

E-field emissions = 102.2 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 98.83 V/m	Grid 2 M4 108.7 V/m	Grid 3 M4 107.8 V/m
Grid 4 M4 89.33 V/m	Grid 5 M4 102.2 V/m	Grid 6 M4 102.2 V/m
Grid 7 M4 78.39 V/m	Grid 8 M4 91.15 V/m	Grid 9 M4 91.15 V/m



0 dB = 108.9 V/m = 40.74 dBV/m

Fig B.31 HAC RF E-Field GSM 850 Low

HAC RF E-Field GSM 1900 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.15 V/m; Power Drift = -0.00 dB

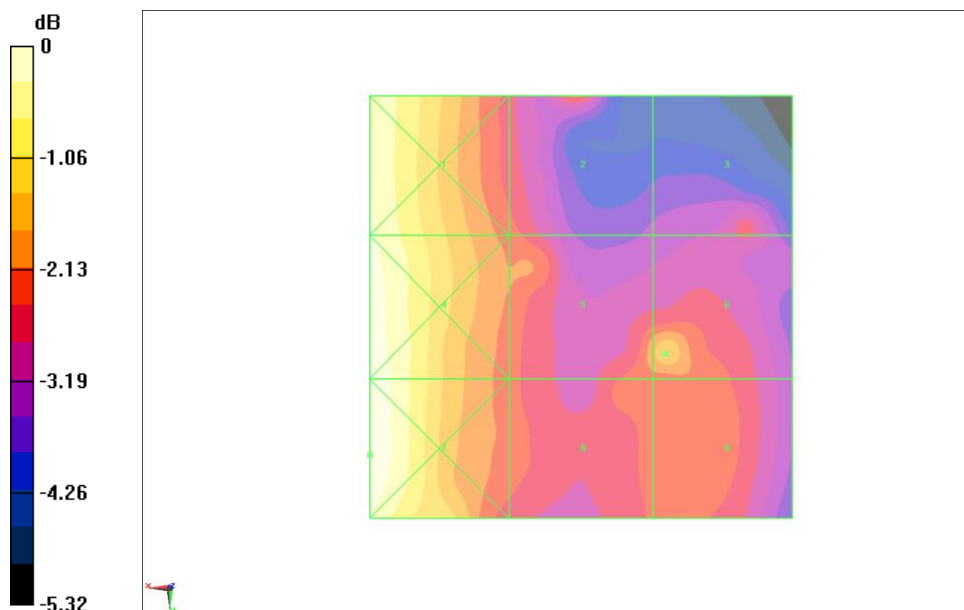
PMR not calibrated. PMF = 2.884 is applied.

E-field emissions = 31.35 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 36.21 V/m	Grid 2 M4 28.72 V/m	Grid 3 M4 27.38 V/m
Grid 4 M4 37.05 V/m	Grid 5 M4 30.27 V/m	Grid 6 M4 31.35 V/m
Grid 7 M4 37.44 V/m	Grid 8 M4 28.81 V/m	Grid 9 M4 29.29 V/m



0 dB = 37.40 V/m = 31.46 dBV/m

Fig B.32 HAC RF E-Field GSM 1900 High

HAC RF E-Field GSM 1900 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.78 V/m; Power Drift = 0.11 dB

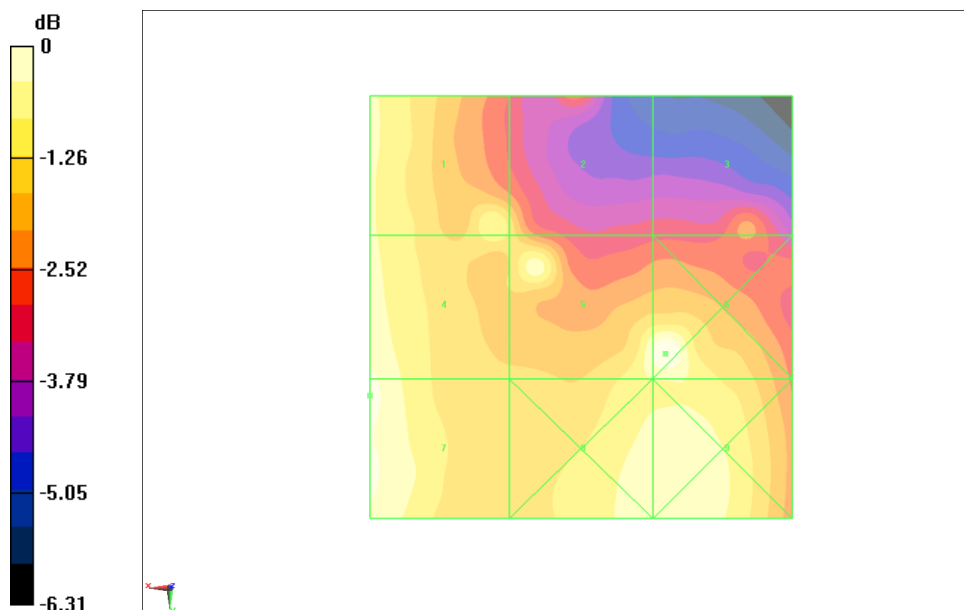
PMR not calibrated. PMF = 2.884 is applied.

E-field emissions = 35.26 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 33.14 V/m	Grid 2 M4 30.92 V/m	Grid 3 M4 27.52 V/m
Grid 4 M4 34.94 V/m	Grid 5 M4 34.67 V/m	Grid 6 M4 36.09 V/m
Grid 7 M4 35.26 V/m	Grid 8 M4 33.78 V/m	Grid 9 M4 34.06 V/m



0 dB = 36.06 V/m = 31.14 dBV/m

Fig B.33 HAC RF E-Field GSM 1900 Middle

HAC RF E-Field GSM 1900 Low with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.34 V/m; Power Drift = -0.07 dB

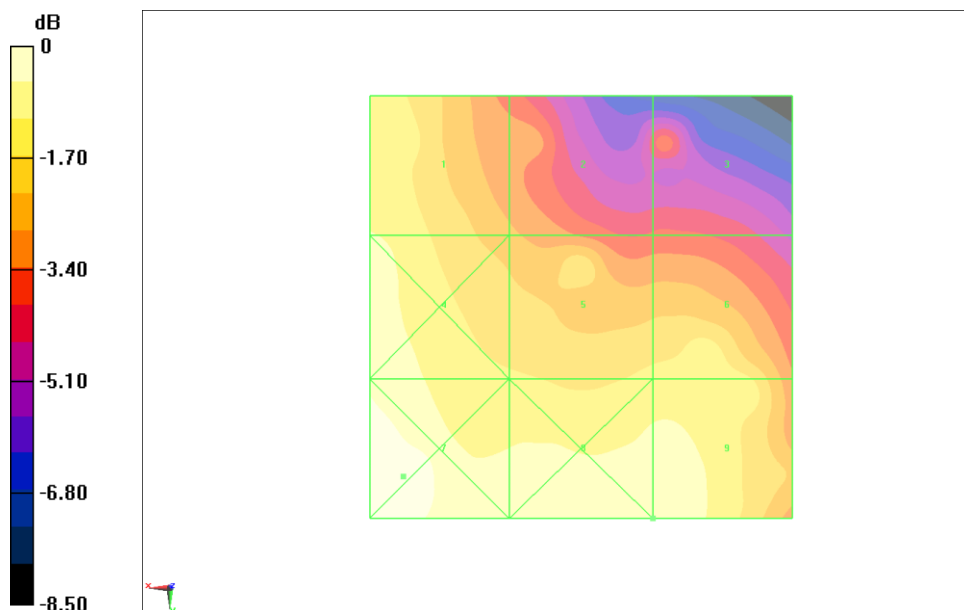
PMR not calibrated. PMF = 2.884 is applied.

E-field emissions = 35.78 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 34.57 V/m	Grid 2 M4 28.71 V/m	Grid 3 M4 25.69 V/m
Grid 4 M4 36.64 V/m	Grid 5 M4 32.79 V/m	Grid 6 M4 33.45 V/m
Grid 7 M4 39.12 V/m	Grid 8 M4 36.47 V/m	Grid 9 M4 35.78 V/m



0 dB = 39.08 V/m = 31.84 dBV/m

Fig B.34 HAC RF E-Field GSM 1900 Low

HAC RF E-Field WCDMA 850 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: WCDMA 850; Frequency: 846.6 MHz; Duty Cycle: 1:1

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.57 V/m; Power Drift = -0.02 dB

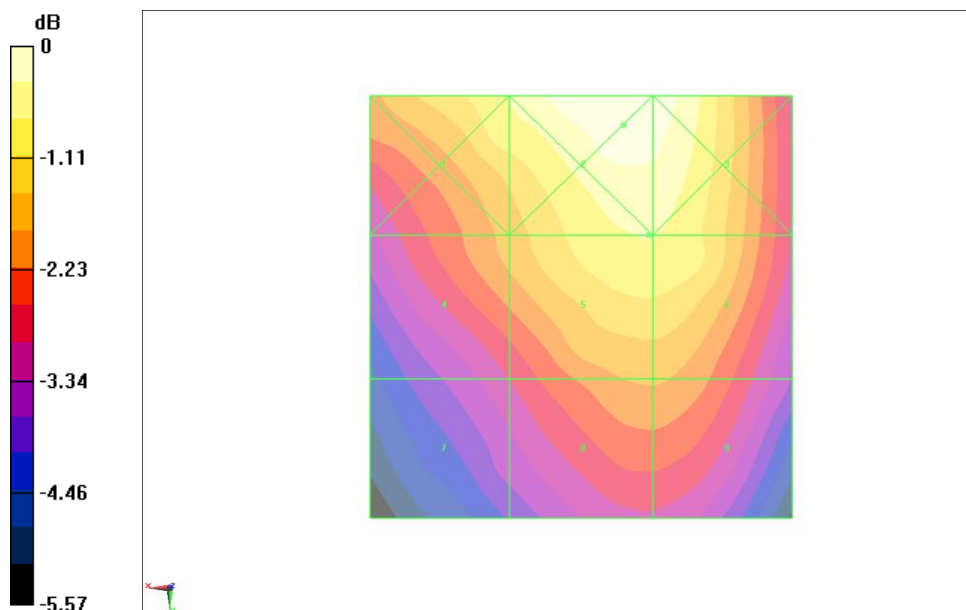
PMR not calibrated. PMF = 1.003 is applied.

E-field emissions = 30.67 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 30.69 V/m	Grid 2 M4 33.33 V/m	Grid 3 M4 32.85 V/m
Grid 4 M4 27.44 V/m	Grid 5 M4 30.67 V/m	Grid 6 M4 30.66 V/m
Grid 7 M4 23.72 V/m	Grid 8 M4 27.10 V/m	Grid 9 M4 27.10 V/m



0 dB = 33.33 V/m = 30.46 dBV/m

Fig B.35 HAC RF E-Field WCDMA 850 High

HAC RF E-Field WCDMA 850 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: WCDMA 850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 41.07 V/m; Power Drift = 0.04 dB

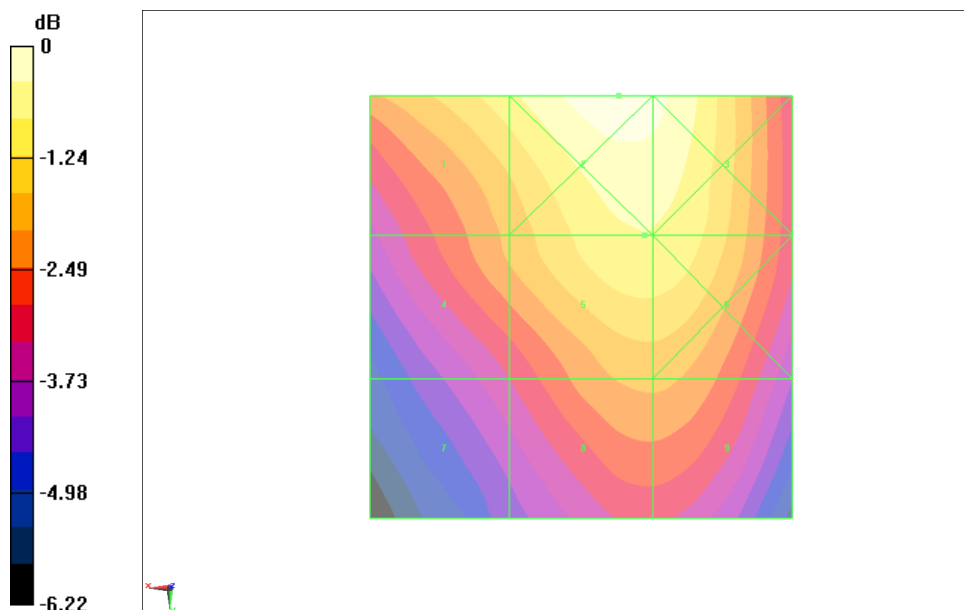
PMR not calibrated. PMF = 1.003 is applied.

E-field emissions = 36.78 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 36.37 V/m	Grid 2 M4 40.50 V/m	Grid 3 M4 39.43 V/m
Grid 4 M4 32.36 V/m	Grid 5 M4 36.78 V/m	Grid 6 M4 36.73 V/m
Grid 7 M4 27.68 V/m	Grid 8 M4 32.35 V/m	Grid 9 M4 32.35 V/m



0 dB = 40.50 V/m = 32.15 dBV/m

Fig B.36 HAC RF E-Field WCDMA 850 Middle

HAC RF E-Field WCDMA 850 Low with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: WCDMA 850; Frequency: 826.4 MHz; Duty Cycle: 1:1

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 42.21 V/m; Power Drift = -0.04 dB

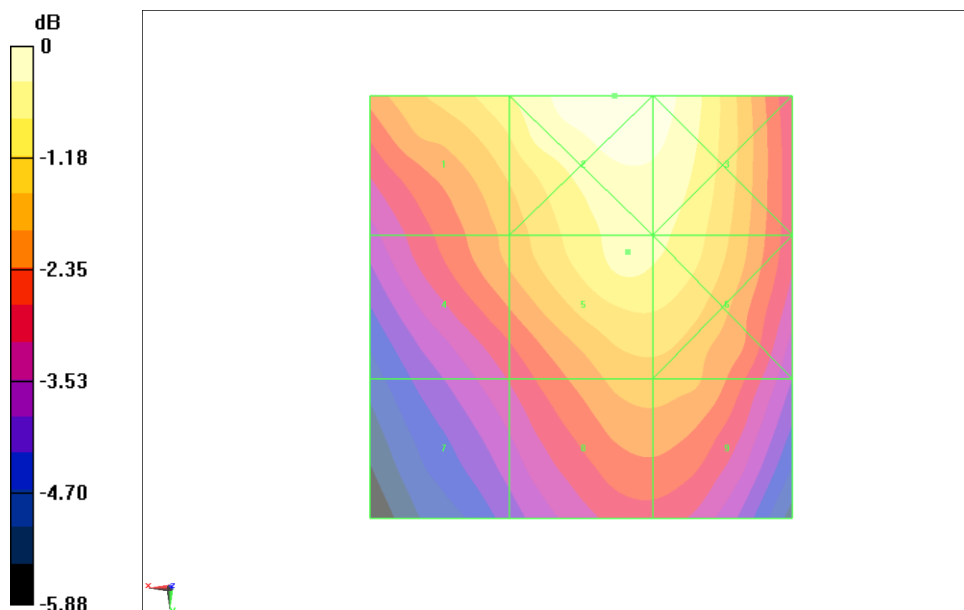
PMR not calibrated. PMF = 1.003 is applied.

E-field emissions = 37.82 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 37.03 V/m	Grid 2 M4 40.65 V/m	Grid 3 M4 40.04 V/m
Grid 4 M4 33.02 V/m	Grid 5 M4 37.82 V/m	Grid 6 M4 37.62 V/m
Grid 7 M4 28.48 V/m	Grid 8 M4 33.33 V/m	Grid 9 M4 33.32 V/m



0 dB = 40.65 V/m = 32.18 dBV/m

Fig B.37 HAC RF E-Field WCDMA 850 Low

HAC RF E-Field WCDMA 1900 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.50 V/m; Power Drift = -0.10 dB

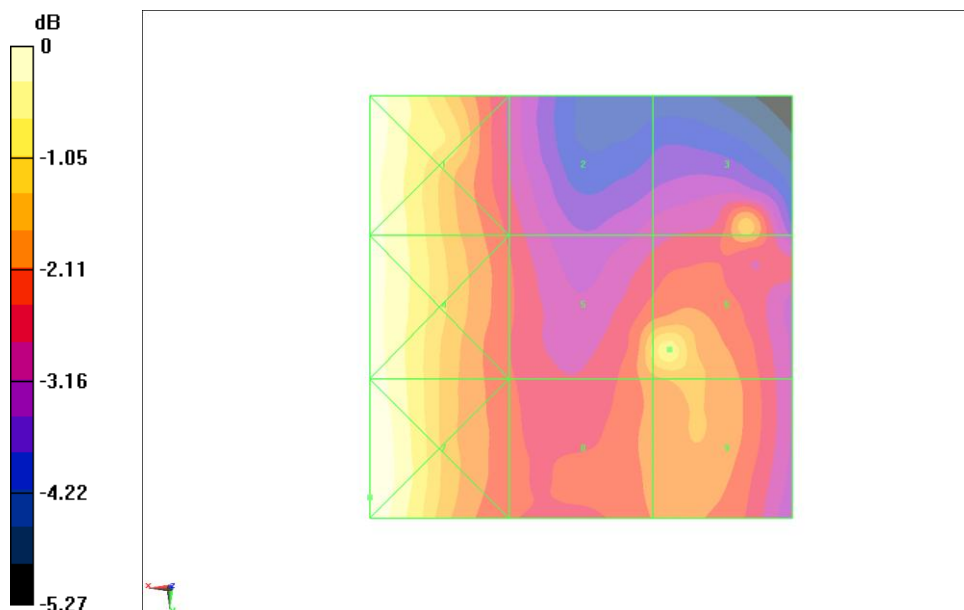
PMR not calibrated. PMF = 1.005 is applied.

E-field emissions = 13.11 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 14.35 V/m	Grid 2 M4 10.82 V/m	Grid 3 M4 12.12 V/m
Grid 4 M4 14.30 V/m	Grid 5 M4 12.49 V/m	Grid 6 M4 13.11 V/m
Grid 7 M4 14.47 V/m	Grid 8 M4 11.70 V/m	Grid 9 M4 12.01 V/m



0 dB = 14.47 V/m = 23.21 dBV/m

Fig B.38 HAC RF E-Field WCDMA 1900 High

HAC RF E-Field WCDMA 1900 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.32 V/m; Power Drift = -0.11 dB

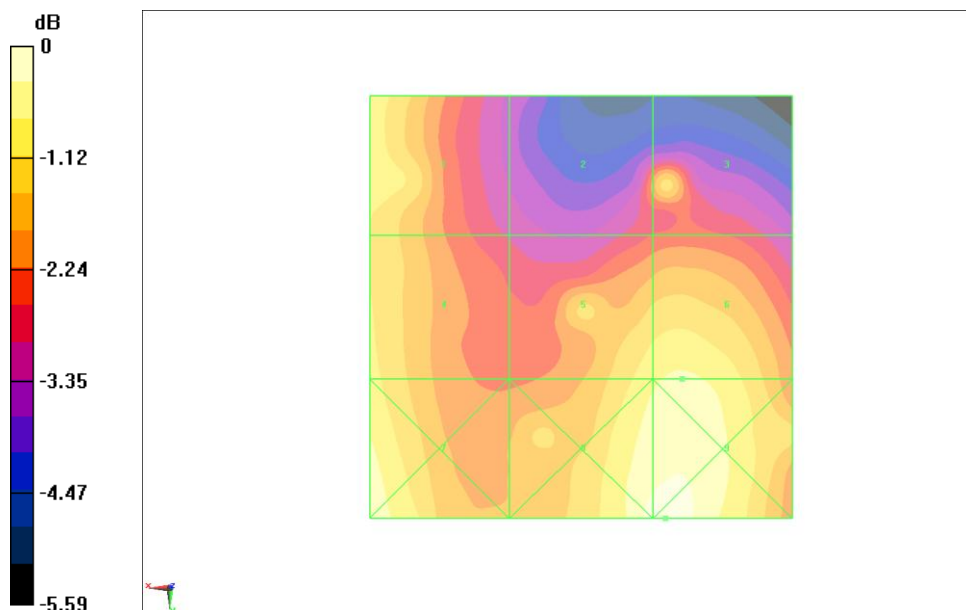
PMR not calibrated. PMF = 1.005 is applied.

E-field emissions = 13.82 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 13.53 V/m	Grid 2 M4 11.81 V/m	Grid 3 M4 12.82 V/m
Grid 4 M4 13.37 V/m	Grid 5 M4 13.58 V/m	Grid 6 M4 13.82 V/m
Grid 7 M4 14.07 V/m	Grid 8 M4 14.73 V/m	Grid 9 M4 14.94 V/m



0 dB = 14.94 V/m = 23.49 dBV/m

Fig B.39 HAC RF E-Field WCDMA 1900 Middle

HAC RF E-Field WCDMA 1900 Low with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.6°C

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Probe: ER3DV6 - SN2272; ConvF(1, 1, 1)

E Scan - ER3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.66 V/m; Power Drift = 0.06 dB

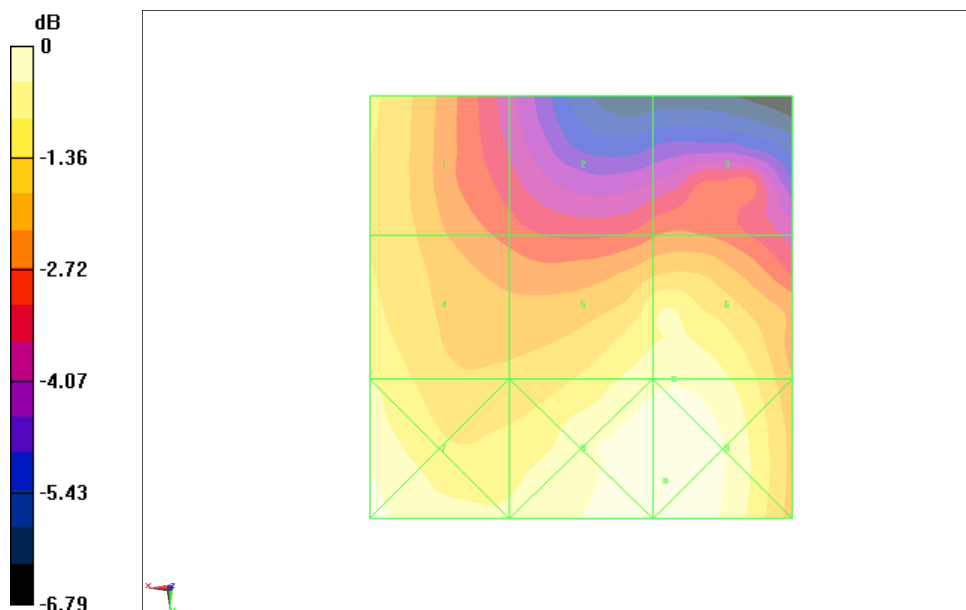
PMR not calibrated. PMF = 1.005 is applied.

E-field emissions = 14.65 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 13.52 V/m	Grid 2 M4 11.33 V/m	Grid 3 M4 11.52 V/m
Grid 4 M4 14.10 V/m	Grid 5 M4 14.53 V/m	Grid 6 M4 14.65 V/m
Grid 7 M4 15.11 V/m	Grid 8 M4 15.50 V/m	Grid 9 M4 15.56 V/m



0 dB = 15.56 V/m = 23.84 dBV/m

Fig B.40 HAC RF E-Field WCDMA 1900 Low

HAC RF H-Field GSM 850 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.04700 A/m; Power Drift = -0.02 dB

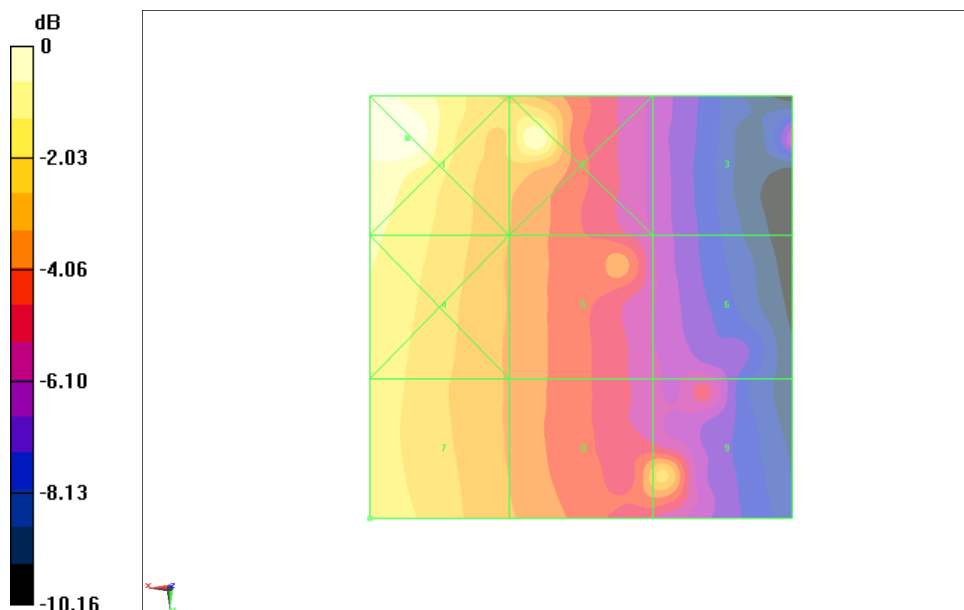
PMR not calibrated. PMF = 2.875 is applied.

H-field emissions = 0.1829 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 M4 0.218 A/m	Grid 2 M4 0.201 A/m	Grid 3 M4 0.108 A/m
Grid 4 M4 0.190 A/m	Grid 5 M4 0.148 A/m	Grid 6 M4 0.114 A/m
Grid 7 M4 0.183 A/m	Grid 8 M4 0.156 A/m	Grid 9 M4 0.165 A/m



0 dB = 0.2183 A/m = -13.22 dBA/m

Fig B.41 HAC RF H-Field GSM 850 High

HAC RF H-Field GSM 850 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.05300 A/m; Power Drift = -0.01 dB

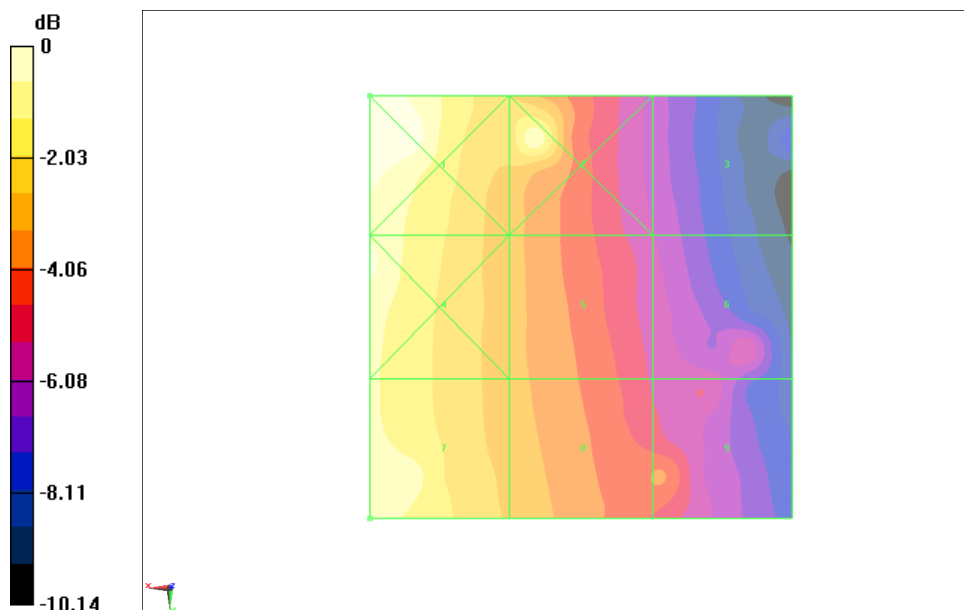
PMR not calibrated. PMF = 2.875 is applied.

H-field emissions = 0.2101 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 M4 0.235 A/m	Grid 2 M4 0.212 A/m	Grid 3 M4 0.118 A/m
Grid 4 M4 0.224 A/m	Grid 5 M4 0.166 A/m	Grid 6 M4 0.126 A/m
Grid 7 M4 0.210 A/m	Grid 8 M4 0.171 A/m	Grid 9 M4 0.150 A/m



0 dB = 0.2360 A/m = -12.54 dBA/m

Fig B.42 HAC RF H-Field GSM 850 Middle

HAC RF H-Field GSM 850 Low with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.05100 A/m; Power Drift = -0.11 dB

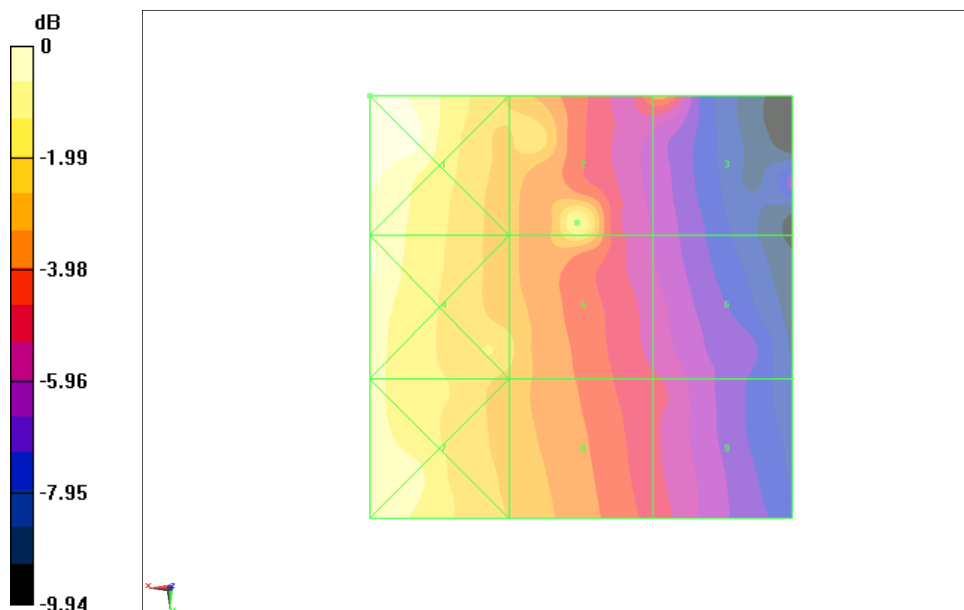
PMR not calibrated. PMF = 2.875 is applied.

H-field emissions = 0.1931 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 M4 0.223 A/m	Grid 2 M4 0.193 A/m	Grid 3 M4 0.148 A/m
Grid 4 M4 0.211 A/m	Grid 5 M4 0.178 A/m	Grid 6 M4 0.124 A/m
Grid 7 M4 0.201 A/m	Grid 8 M4 0.164 A/m	Grid 9 M4 0.128 A/m



0 dB = 0.2234 A/m = -13.02 dBA/m

Fig B.43 HAC RF H-Field GSM 850 Low

HAC RF H-Field GSM 1900 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.02400 A/m; Power Drift = 0.06 dB

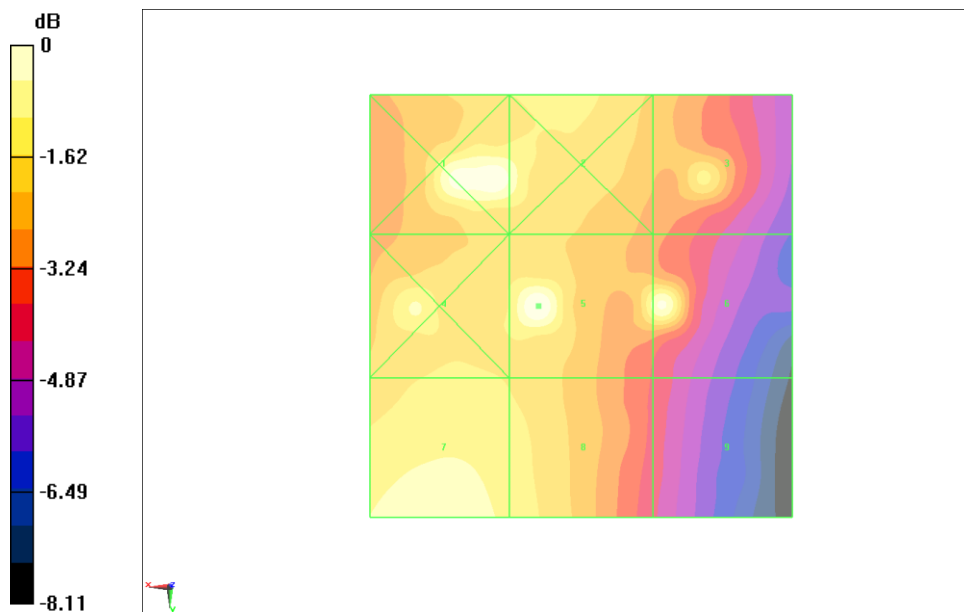
PMR not calibrated. PMF = 2.868 is applied.

H-field emissions = 0.08887 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 M4 0.087 A/m	Grid 2 M4 0.084 A/m	Grid 3 M4 0.076 A/m
Grid 4 M4 0.080 A/m	Grid 5 M4 0.089 A/m	Grid 6 M4 0.085 A/m
Grid 7 M4 0.081 A/m	Grid 8 M4 0.078 A/m	Grid 9 M4 0.057 A/m



0 dB = 0.08927 A/m = -20.99 dBA/m

Fig B.44 HAC RF H-Field GSM 1900 High

HAC RF H-Field GSM 1900 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.03400 A/m; Power Drift = -0.12 dB

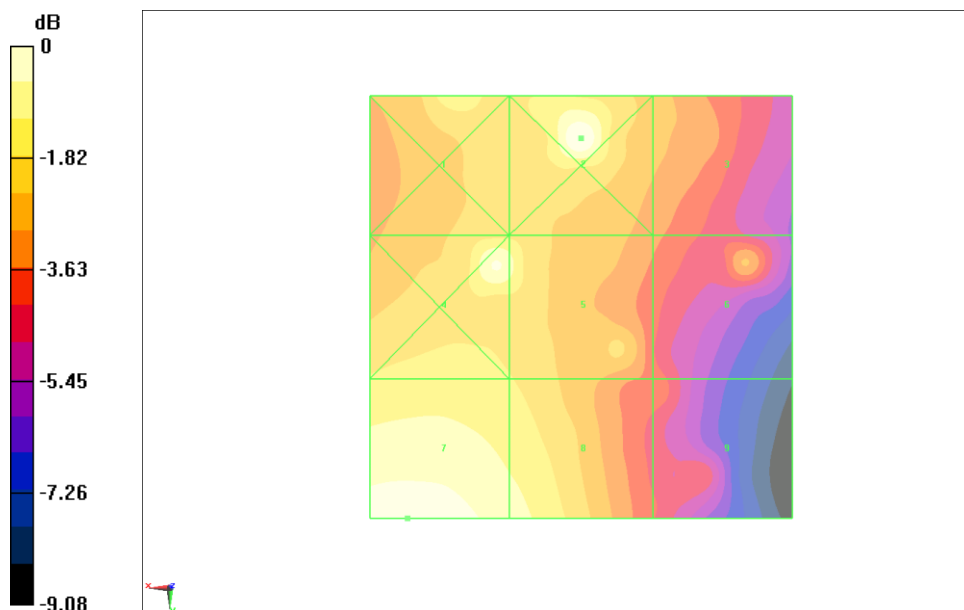
PMR not calibrated. PMF = 2.868 is applied.

H-field emissions = 0.08936 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 M4 0.079 A/m	Grid 2 M4 0.092 A/m	Grid 3 M4 0.068 A/m
Grid 4 M4 0.086 A/m	Grid 5 M4 0.083 A/m	Grid 6 M4 0.066 A/m
Grid 7 M4 0.089 A/m	Grid 8 M4 0.083 A/m	Grid 9 M4 0.059 A/m



0 dB = 0.09194 A/m = -20.73 dBA/m

Fig B.45 HAC RF H-Field GSM 1900 Middle

HAC RF H-Field GSM 1900 Low with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.02500 A/m; Power Drift = 0.15 dB

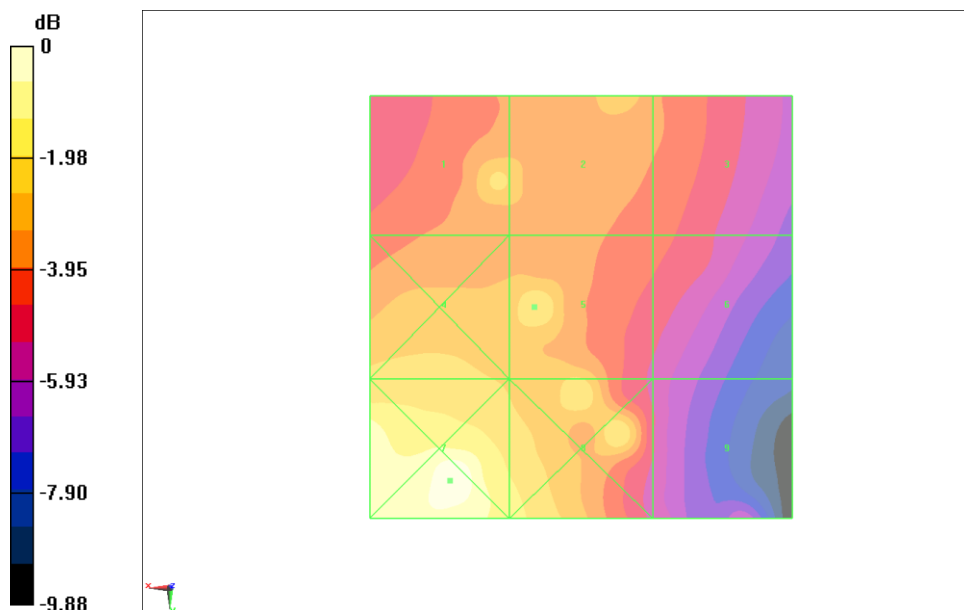
PMR not calibrated. PMF = 2.875 is applied.

H-field emissions = 0.08564 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 M4 0.082 A/m	Grid 2 M4 0.080 A/m	Grid 3 M4 0.071 A/m
Grid 4 M4 0.083 A/m	Grid 5 M4 0.086 A/m	Grid 6 M4 0.066 A/m
Grid 7 M4 0.108 A/m	Grid 8 M4 0.090 A/m	Grid 9 M4 0.060 A/m



0 dB = 0.1085 A/m = -19.29 dBA/m

Fig B.46 HAC RF H-Field GSM 1900 Low

HAC RF H-Field WCDMA 850 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: WCDMA 850; Frequency: 846.6 MHz; Duty Cycle: 1:1

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.04100 A/m; Power Drift = 0.04 dB

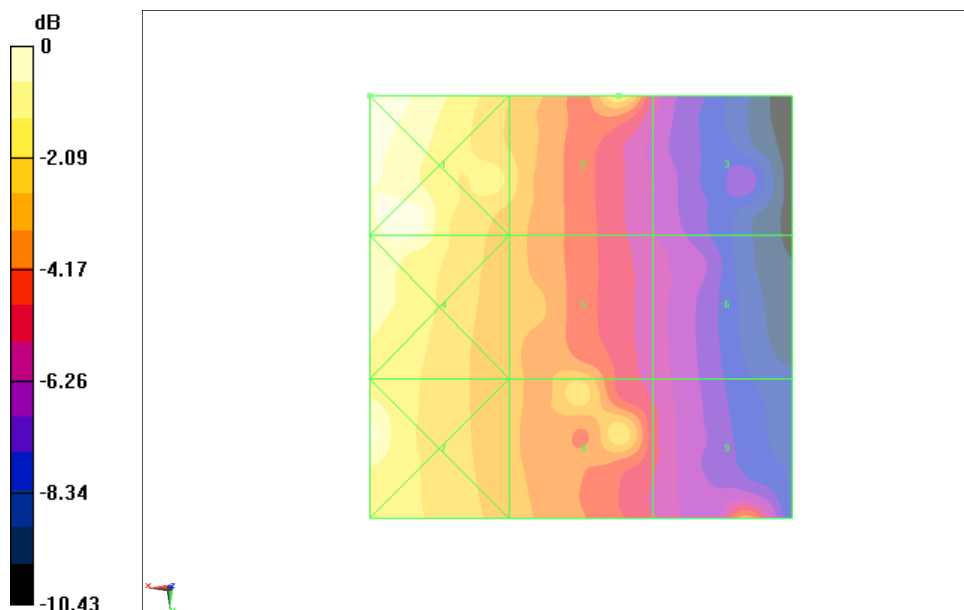
PMR not calibrated. PMF = 1.006 is applied.

H-field emissions = 0.05205 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.065 A/m	Grid 2 M4 0.052 A/m	Grid 3 M4 0.034 A/m
Grid 4 M4 0.062 A/m	Grid 5 M4 0.047 A/m	Grid 6 M4 0.034 A/m
Grid 7 M4 0.062 A/m	Grid 8 M4 0.050 A/m	Grid 9 M4 0.043 A/m



0 dB = 0.06540 A/m = -23.69 dBA/m

Fig B.47 HAC RF H-Field WCDMA 850 High

HAC RF H-Field WCDMA 850 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: WCDMA 850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.04900 A/m; Power Drift = -0.02 dB

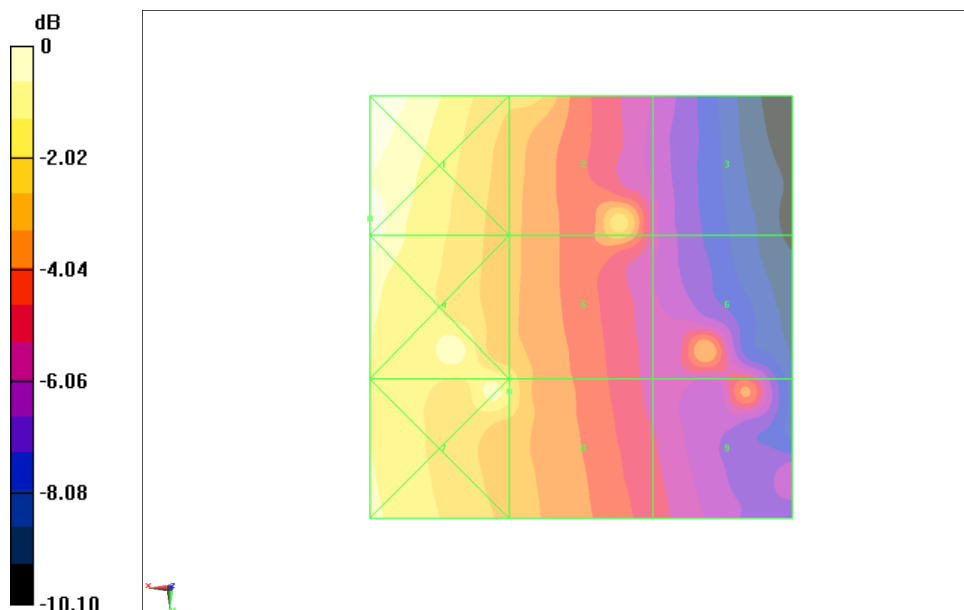
PMR not calibrated. PMF = 1.006 is applied.

H-field emissions = 0.06257 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.077 A/m	Grid 2 M4 0.059 A/m	Grid 3 M4 0.040 A/m
Grid 4 M4 0.075 A/m	Grid 5 M4 0.060 A/m	Grid 6 M4 0.052 A/m
Grid 7 M4 0.068 A/m	Grid 8 M4 0.063 A/m	Grid 9 M4 0.050 A/m



0 dB = 0.07693 A/m = -22.28 dBA/m

Fig B.48 HAC RF H-Field WCDMA 850 Middle

HAC RF H-Field WCDMA 850 Low with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: WCDMA 850; Frequency: 826.4 MHz; Duty Cycle: 1:1

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 3/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.05000 A/m; Power Drift = 0.00 dB

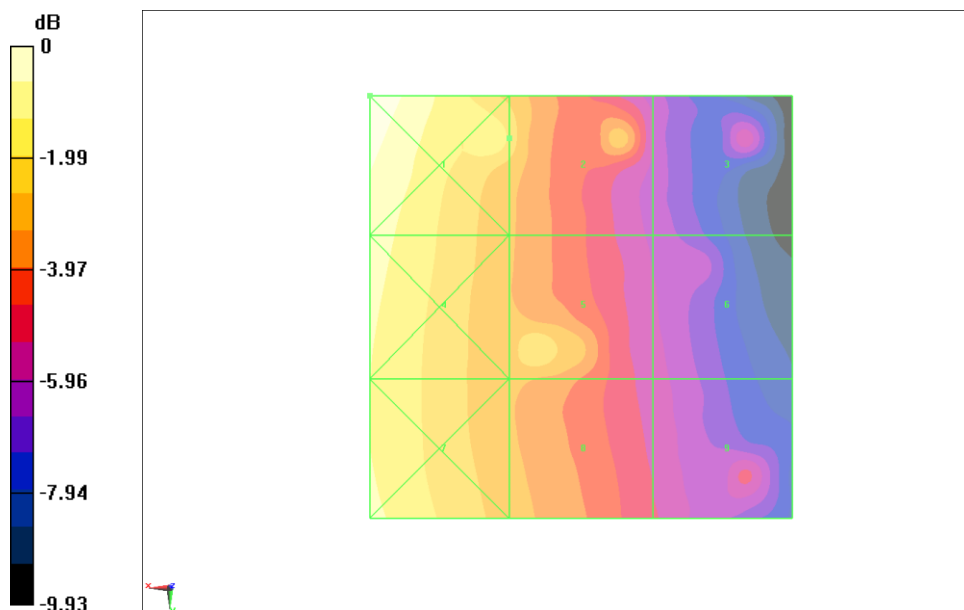
PMR not calibrated. PMF = 1.006 is applied.

H-field emissions = 0.06191 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.079 A/m	Grid 2 M4 0.062 A/m	Grid 3 M4 0.042 A/m
Grid 4 M4 0.071 A/m	Grid 5 M4 0.062 A/m	Grid 6 M4 0.041 A/m
Grid 7 M4 0.069 A/m	Grid 8 M4 0.056 A/m	Grid 9 M4 0.044 A/m



0 dB = 0.07901 A/m = -22.05 dBA/m

Fig B.49 HAC RF H-Field WCDMA 850 Low

HAC RF H-Field WCDMA 1900 High with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.03100 A/m; Power Drift = 0.02 dB

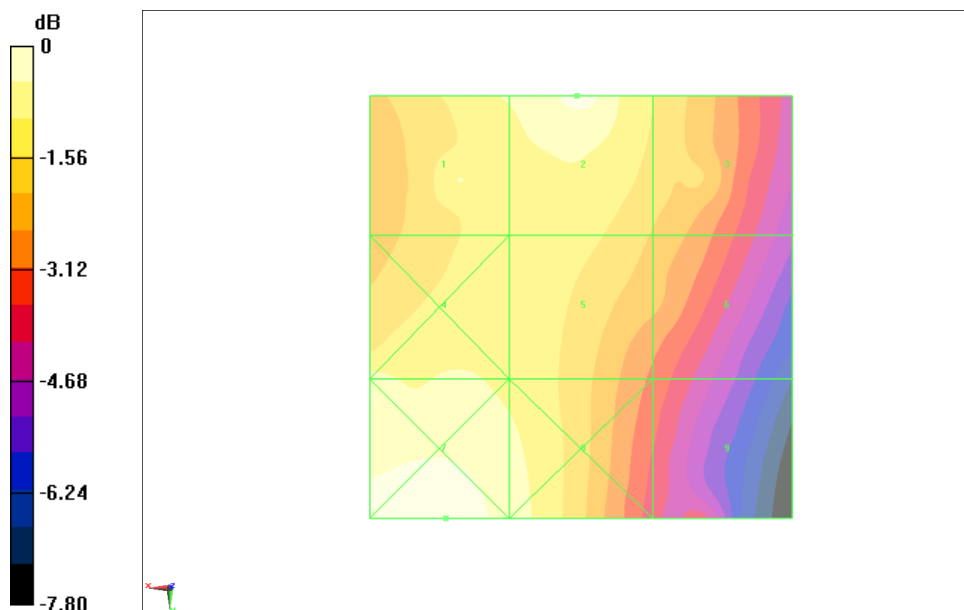
PMR not calibrated. PMF = 1.005 is applied.

H-field emissions = 0.03533 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.032 A/m	Grid 2 M4 0.035 A/m	Grid 3 M4 0.031 A/m
Grid 4 M4 0.033 A/m	Grid 5 M4 0.032 A/m	Grid 6 M4 0.028 A/m
Grid 7 M4 0.036 A/m	Grid 8 M4 0.033 A/m	Grid 9 M4 0.025 A/m



0 dB = 0.03634 A/m = -28.79 dBA/m

Fig B.50 HAC RF H-Field WCDMA 1900 High

HAC RF H-Field WCDMA 1900 Middle with Flip cover

Date: 2014-1-4

Electronics: DAE4 Sn777

Medium: Air

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

Ambient Temperature: 22.6°C

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Probe: H3DV6 - SN6103;

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device 2/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.03200 A/m; Power Drift = 0.04 dB

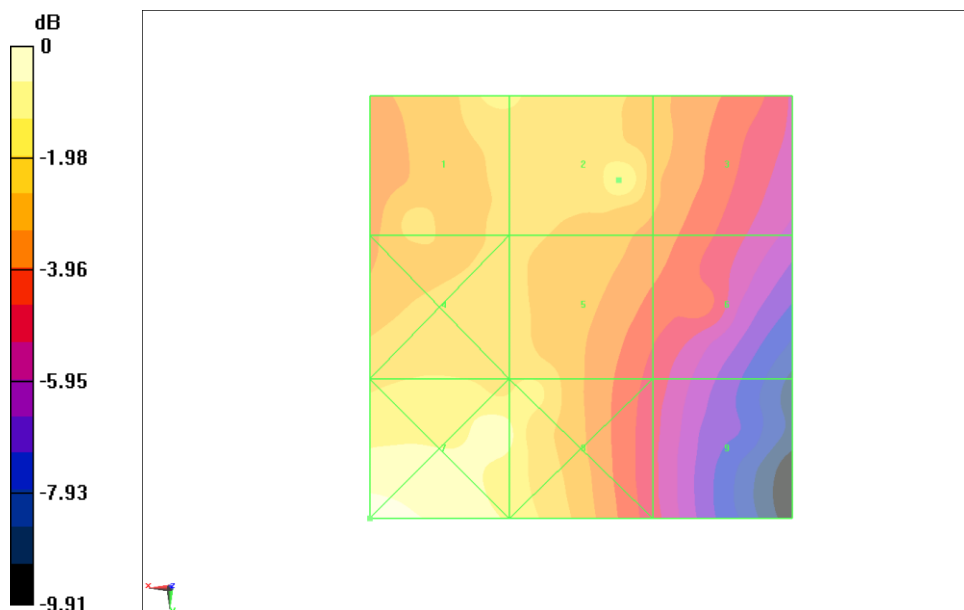
PMR not calibrated. PMF = 1.005 is applied.

H-field emissions = 0.03733 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.037 A/m	Grid 2 M4 0.037 A/m	Grid 3 M4 0.032 A/m
Grid 4 M4 0.035 A/m	Grid 5 M4 0.035 A/m	Grid 6 M4 0.030 A/m
Grid 7 M4 0.044 A/m	Grid 8 M4 0.039 A/m	Grid 9 M4 0.025 A/m



0 dB = 0.04434 A/m = -27.06 dBA/m

Fig B.51 HAC RF H-Field WCDMA 1900 Middle