

## HAC-RF Emission

Frequency: 824.2 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

## GSM850 E-Field measurement/Voice\_ch 128/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 = 65.64 V/m; Power Drift = 0.02 dB

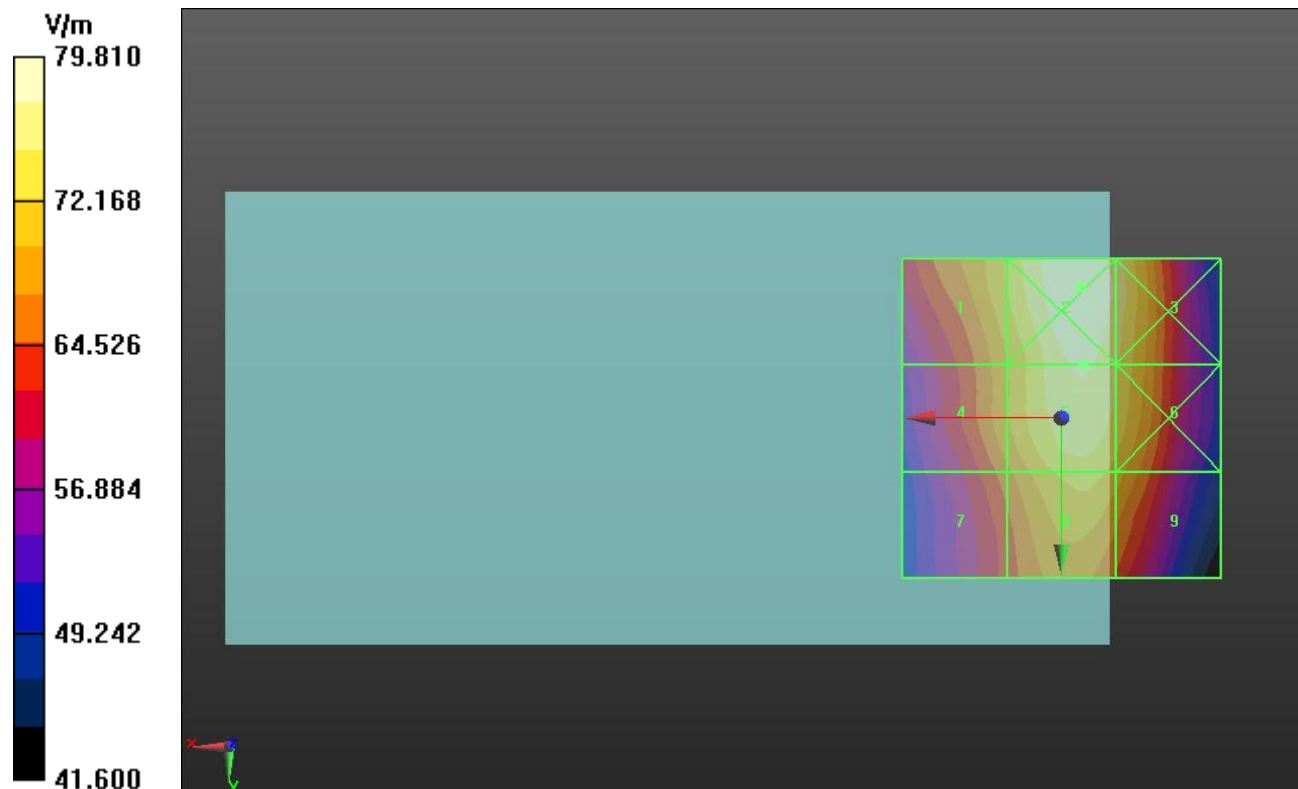
Applied MIF = 3.63 dB

RF audio interference level = 37.80 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>37.2 dBV/m</b>	Grid 2 <b>M4</b> <b>38.04 dBV/m</b>	Grid 3 <b>M4</b> <b>37.71 dBV/m</b>
Grid 4 <b>M4</b> <b>36.85 dBV/m</b>	Grid 5 <b>M4</b> <b>37.8 dBV/m</b>	Grid 6 <b>M4</b> <b>37.52 dBV/m</b>
Grid 7 <b>M4</b> <b>36.44 dBV/m</b>	Grid 8 <b>M4</b> <b>37.32 dBV/m</b>	Grid 9 <b>M4</b> <b>37.03 dBV/m</b>



## HAC-RF Emission

Frequency: 836.6 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

## GSM850 E-Field measurement/Voice\_ch 190/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 = 66.42 V/m; Power Drift = 0.01 dB

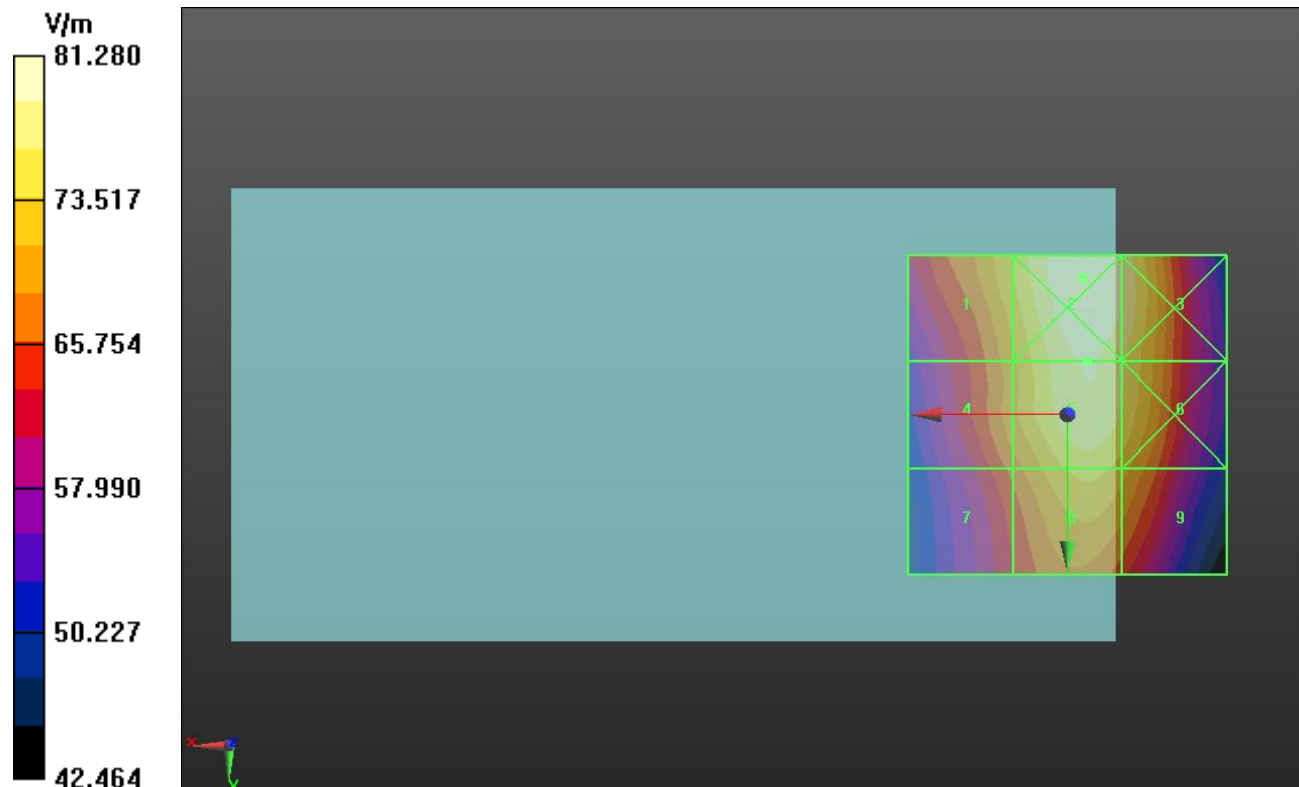
Applied MIF = 3.63 dB

RF audio interference level = 37.94 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>37.36 dBV/m</b>	Grid 2 <b>M4</b> <b>38.2 dBV/m</b>	Grid 3 <b>M4</b> <b>37.93 dBV/m</b>
Grid 4 <b>M4</b> <b>36.96 dBV/m</b>	Grid 5 <b>M4</b> <b>37.94 dBV/m</b>	Grid 6 <b>M4</b> <b>37.69 dBV/m</b>
Grid 7 <b>M4</b> <b>36.51 dBV/m</b>	Grid 8 <b>M4</b> <b>37.44 dBV/m</b>	Grid 9 <b>M4</b> <b>37.16 dBV/m</b>



## HAC-RF Emission

Frequency: 848.6 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

## GSM850 E-Field measurement/Voice\_ch 251/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 = 64.61 V/m; Power Drift = -0.01 dB

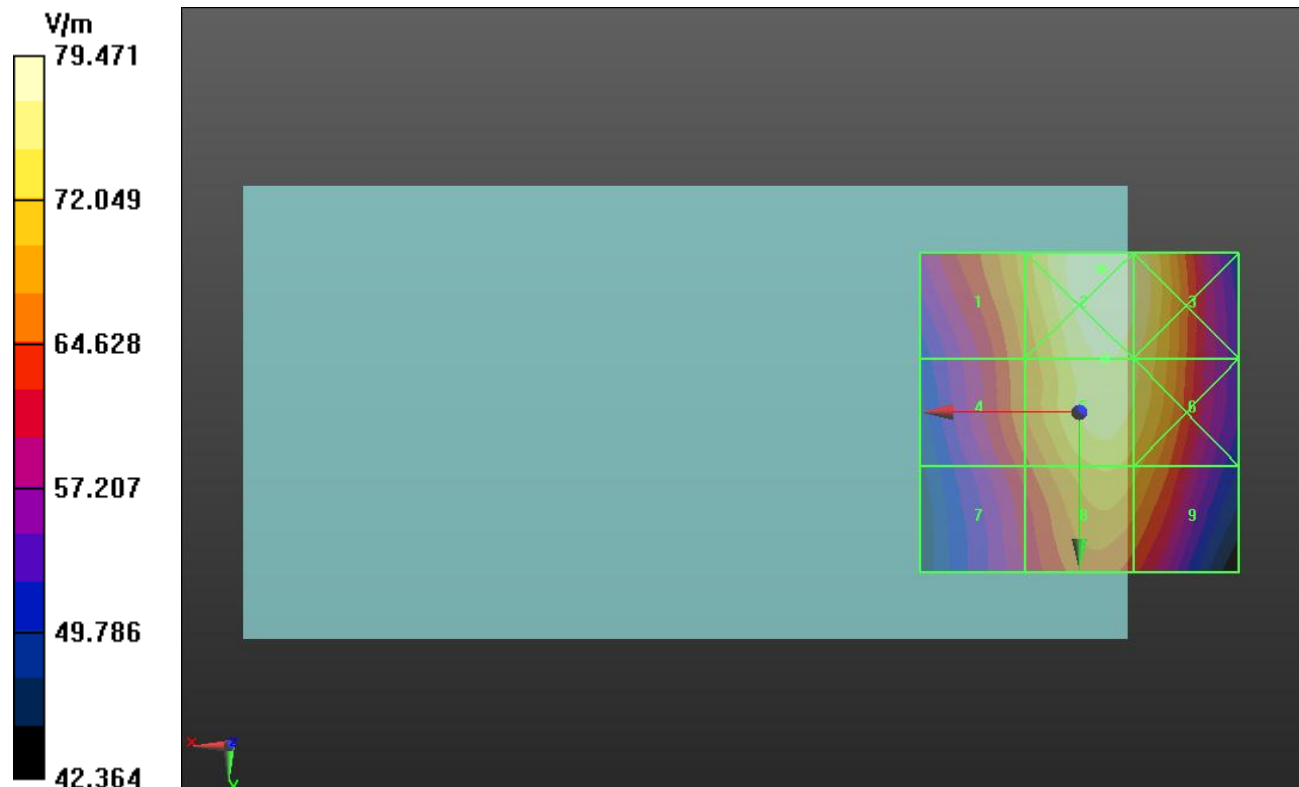
Applied MIF = 3.63 dB

RF audio interference level = 37.75 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>37.03 dBV/m</b>	Grid 2 <b>M4</b> <b>38 dBV/m</b>	Grid 3 <b>M4</b> <b>37.79 dBV/m</b>
Grid 4 <b>M4</b> <b>36.6 dBV/m</b>	Grid 5 <b>M4</b> <b>37.75 dBV/m</b>	Grid 6 <b>M4</b> <b>37.55 dBV/m</b>
Grid 7 <b>M4</b> <b>36.08 dBV/m</b>	Grid 8 <b>M4</b> <b>37.2 dBV/m</b>	Grid 9 <b>M4</b> <b>36.99 dBV/m</b>



## HAC-RF Emission

Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

## GSM1900 E-Field measurement/Voice\_ch 512/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 = 24.73 V/m; Power Drift = -0.04 dB

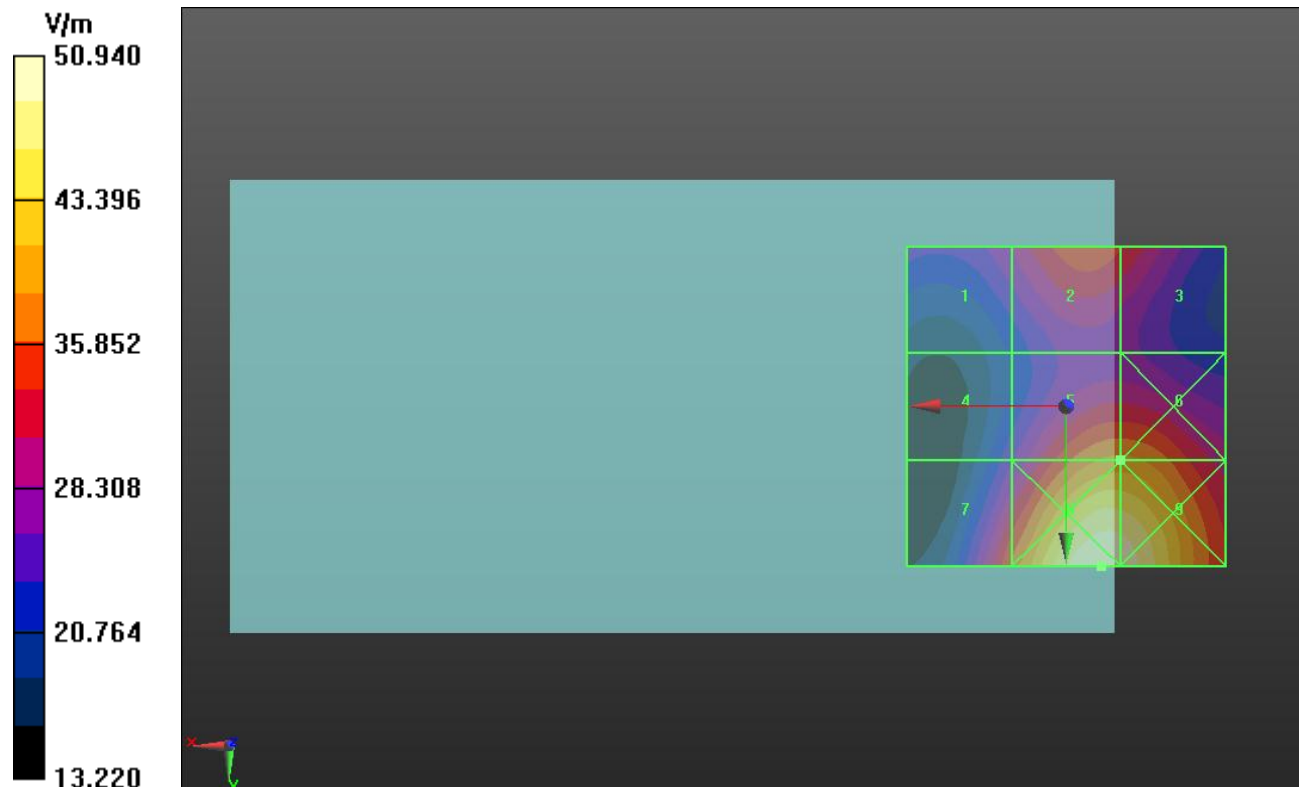
Applied MIF = 3.63 dB

RF audio interference level = 31.87 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.13 dBV/m</b>	Grid 2 <b>M3</b> <b>30.93 dBV/m</b>	Grid 3 <b>M3</b> <b>30.55 dBV/m</b>
Grid 4 <b>M4</b> <b>28.25 dBV/m</b>	Grid 5 <b>M3</b> <b>31.87 dBV/m</b>	Grid 6 <b>M3</b> <b>31.87 dBV/m</b>
Grid 7 <b>M3</b> <b>31.26 dBV/m</b>	Grid 8 <b>M3</b> <b>34.14 dBV/m</b>	Grid 9 <b>M3</b> <b>34.01 dBV/m</b>



## HAC-RF Emission

Frequency: 1880 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

## GSM1900 E-Field measurement/Voice\_ch 661/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 = 25.35 V/m; Power Drift = 0.01 dB

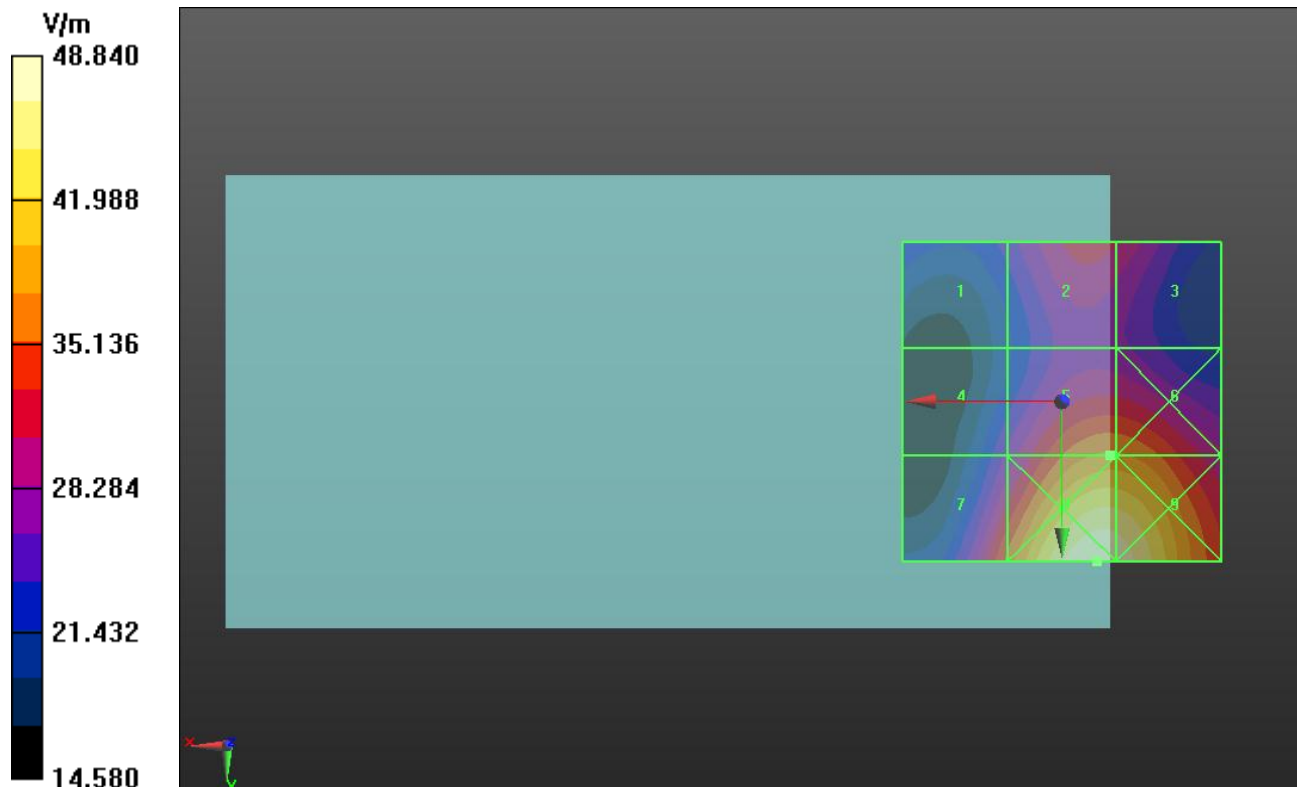
Applied MIF = 3.63 dB

RF audio interference level = 31.59 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.91 dBV/m</b>	Grid 2 <b>M3</b> <b>30.05 dBV/m</b>	Grid 3 <b>M4</b> <b>29.78 dBV/m</b>
Grid 4 <b>M4</b> <b>28.56 dBV/m</b>	Grid 5 <b>M3</b> <b>31.59 dBV/m</b>	Grid 6 <b>M3</b> <b>31.58 dBV/m</b>
Grid 7 <b>M3</b> <b>31.14 dBV/m</b>	Grid 8 <b>M3</b> <b>33.78 dBV/m</b>	Grid 9 <b>M3</b> <b>33.65 dBV/m</b>



## HAC-RF Emission

Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

## GSM1900 E-Field measurement/Voice\_ch 810/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 = 25.35 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.42 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.2 dBV/m</b>	Grid 2 <b>M4</b> <b>29.77 dBV/m</b>	Grid 3 <b>M4</b> <b>29.55 dBV/m</b>
Grid 4 <b>M4</b> <b>28.41 dBV/m</b>	Grid 5 <b>M3</b> <b>31.42 dBV/m</b>	Grid 6 <b>M3</b> <b>31.41 dBV/m</b>
Grid 7 <b>M3</b> <b>30.95 dBV/m</b>	Grid 8 <b>M3</b> <b>33.44 dBV/m</b>	Grid 9 <b>M3</b> <b>33.32 dBV/m</b>

