

### #01\_HAC\_E\_GSM850\_GSM Voice\_Ch128

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

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.7 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### EScan - ER3D: 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 = 73.44 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.04 dBV/m

**Emission category: M4**

MIF scaled E-field

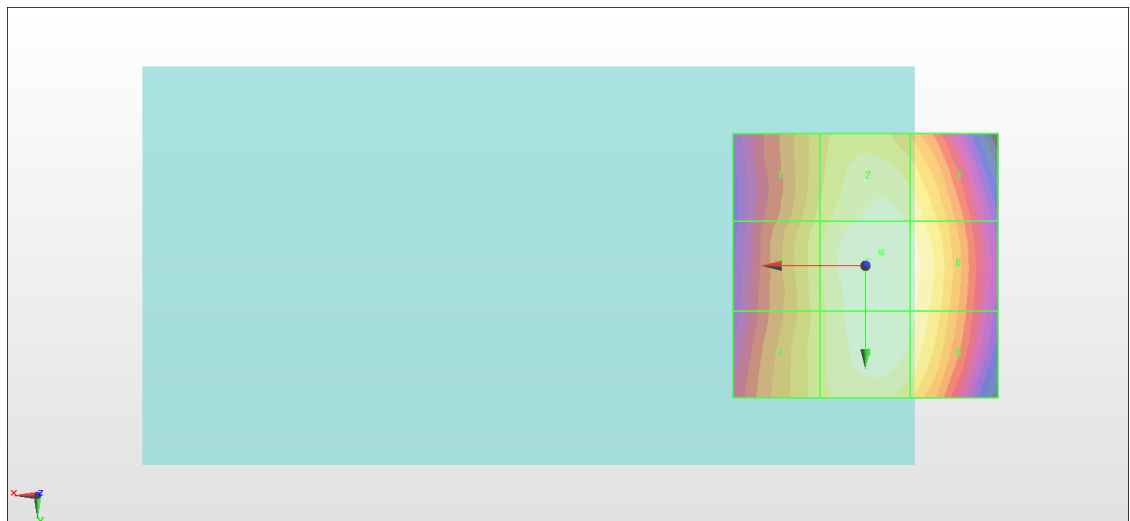
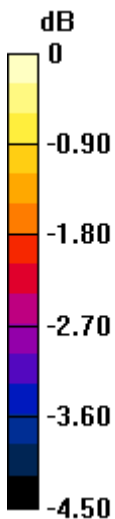
<b>Grid 1 M4</b> <b>38.27 dBV/m</b>	<b>Grid 2 M4</b> <b>38.88 dBV/m</b>	<b>Grid 3 M4</b> <b>38.7 dBV/m</b>
<b>Grid 4 M4</b> <b>38.42 dBV/m</b>	<b>Grid 5 M4</b> <b>39.04 dBV/m</b>	<b>Grid 6 M4</b> <b>38.91 dBV/m</b>
<b>Grid 7 M4</b> <b>38.37 dBV/m</b>	<b>Grid 8 M4</b> <b>39 dBV/m</b>	<b>Grid 9 M4</b> <b>38.83 dBV/m</b>

**Cursor:**

Total = 39.04 dBV/m

E Category: M4

Location: -3, -2.5, 8.7 mm



0 dB = 89.57 V/m = 39.04 dBV/m

## #02\_HAC\_E\_GSM850\_GSM Voice\_Ch189

Communication System: GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### E Scan - ER3D: 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 = 77.91 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.57 dBV/m

**Emission category: M4**

MIF scaled E-field

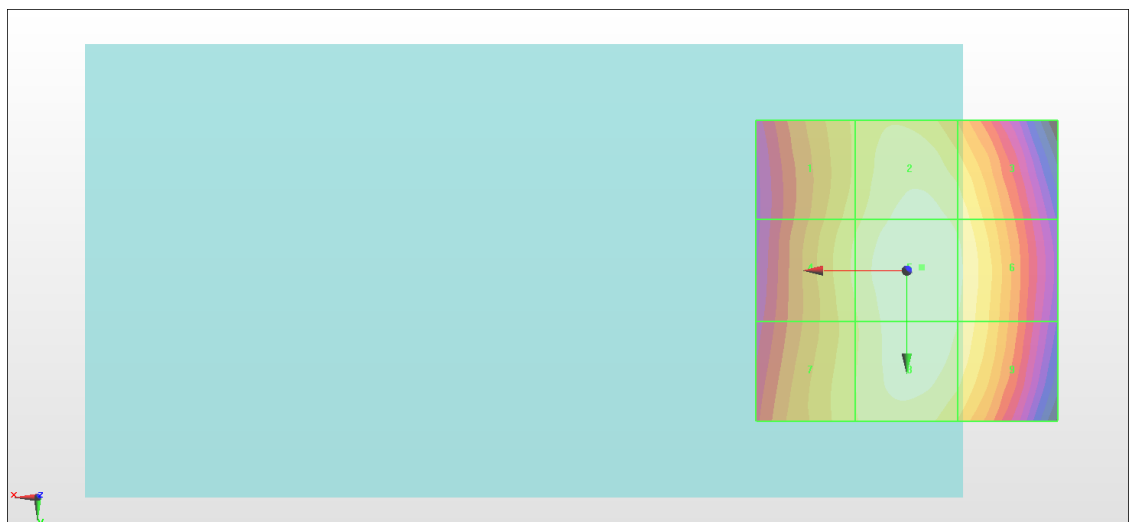
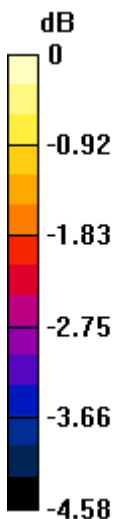
Grid 1 <b>M4</b> <b>38.87 dBV/m</b>	Grid 2 <b>M4</b> <b>39.41 dBV/m</b>	Grid 3 <b>M4</b> <b>39.17 dBV/m</b>
Grid 4 <b>M4</b> <b>39.03 dBV/m</b>	Grid 5 <b>M4</b> <b>39.57 dBV/m</b>	Grid 6 <b>M4</b> <b>39.34 dBV/m</b>
Grid 7 <b>M4</b> <b>38.95 dBV/m</b>	Grid 8 <b>M4</b> <b>39.48 dBV/m</b>	Grid 9 <b>M4</b> <b>39.26 dBV/m</b>

**Cursor:**

Total = 39.57 dBV/m

E Category: M4

Location: -2.5, -0.5, 8.7 mm



0 dB = 95.13 V/m = 39.57 dBV/m

### #03\_HAC\_E\_GSM850\_GSM Voice\_Ch251

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

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

#### E Scan - ER3D: 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 = 79.34 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.85 dBV/m

**Emission category: M4**

MIF scaled E-field

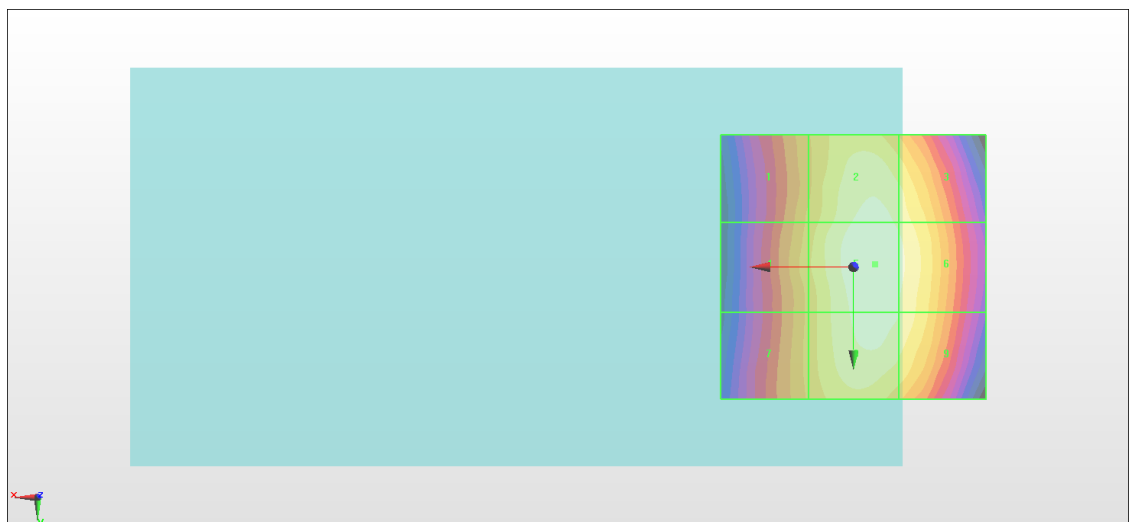
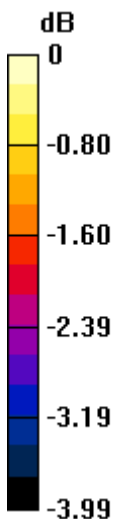
Grid 1 <b>M4</b> <b>38.86 dBV/m</b>	Grid 2 <b>M4</b> <b>39.7 dBV/m</b>	Grid 3 <b>M4</b> <b>39.52 dBV/m</b>
Grid 4 <b>M4</b> <b>39.01 dBV/m</b>	Grid 5 <b>M4</b> <b>39.85 dBV/m</b>	Grid 6 <b>M4</b> <b>39.67 dBV/m</b>
Grid 7 <b>M4</b> <b>38.9 dBV/m</b>	Grid 8 <b>M4</b> <b>39.71 dBV/m</b>	Grid 9 <b>M4</b> <b>39.59 dBV/m</b>

**Cursor:**

Total = 39.85 dBV/m

E Category: M4

Location: -4, -0.5, 8.7 mm



0 dB = 98.27 V/m = 39.85 dBV/m

## #04\_HAC\_E\_GSM1900\_GSM Voice\_Ch512

Communication System: GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.7 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### E Scan - ER3D: 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 = 34.61 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.23 dBV/m

**Emission category: M3**

MIF scaled E-field

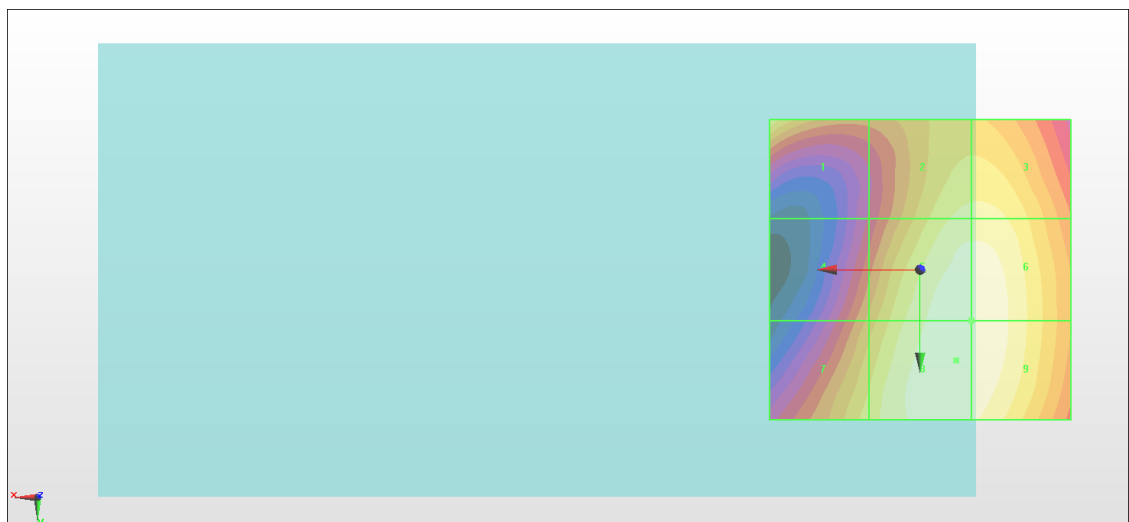
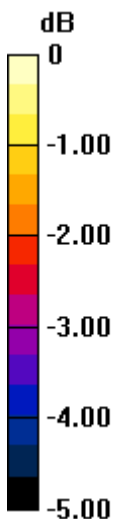
Grid 1 <b>M3</b> <b>32.58 dBV/m</b>	Grid 2 <b>M3</b> <b>32.71 dBV/m</b>	Grid 3 <b>M3</b> <b>32.71 dBV/m</b>
Grid 4 <b>M3</b> <b>31.69 dBV/m</b>	Grid 5 <b>M3</b> <b>33.19 dBV/m</b>	Grid 6 <b>M3</b> <b>33.19 dBV/m</b>
Grid 7 <b>M3</b> <b>32.41 dBV/m</b>	Grid 8 <b>M3</b> <b>33.23 dBV/m</b>	Grid 9 <b>M3</b> <b>33.21 dBV/m</b>

**Cursor:**

Total = 33.23 dBV/m

E Category: M3

Location: -6, 15, 8.7 mm



0 dB = 45.85 V/m = 33.23 dBV/m

### #05\_HAC\_E\_GSM1900\_GSM Voice\_Ch661

Communication System: GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.7 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**E Scan - ER3D: 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 = 33.08 V/m; Power Drift = 0.08 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 33.41 dBV/m

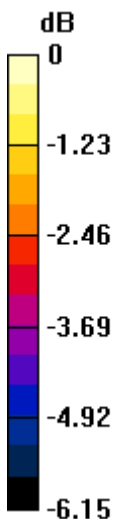
**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>32.72 dBV/m</b>	Grid 2 <b>M3</b> <b>32.56 dBV/m</b>	Grid 3 <b>M3</b> <b>32.67 dBV/m</b>
Grid 4 <b>M3</b> <b>31.6 dBV/m</b>	Grid 5 <b>M3</b> <b>33.19 dBV/m</b>	Grid 6 <b>M3</b> <b>33.17 dBV/m</b>
Grid 7 <b>M3</b> <b>32.81 dBV/m</b>	Grid 8 <b>M3</b> <b>33.41 dBV/m</b>	Grid 9 <b>M3</b> <b>33.26 dBV/m</b>

**Cursor:**

Total = 33.41 dBV/m  
 E Category: M3  
 Location: -2, 21, 8.7 mm



0 dB = 46.82 V/m = 33.41 dBV/m

## #06\_HAC\_E\_GSM1900\_GSM Voice\_Ch810

Communication System: GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.7 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### E Scan - ER3D: 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 = 32.33 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.53 dBV/m

**Emission category: M3**

MIF scaled E-field

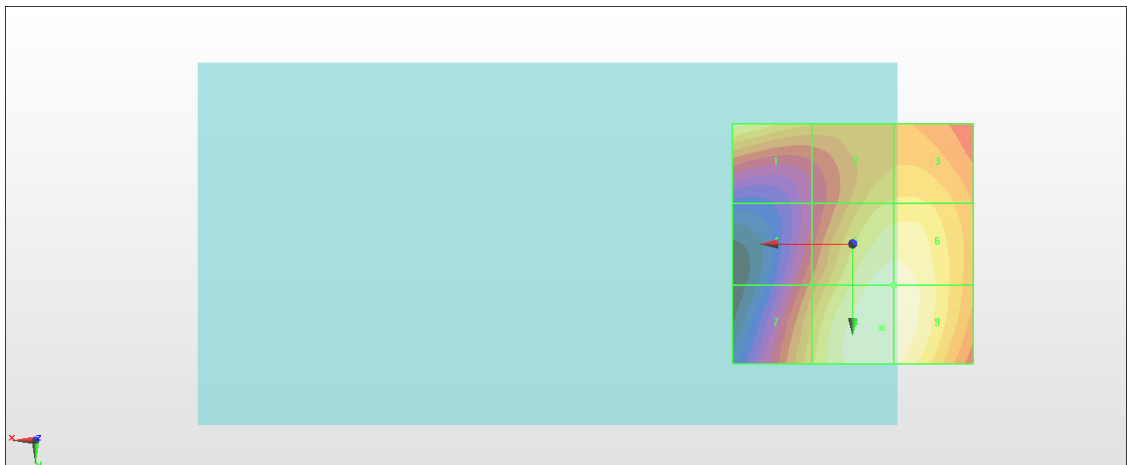
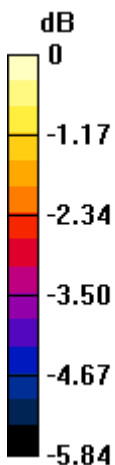
Grid 1 <b>M3</b> <b>33 dBV/m</b>	Grid 2 <b>M3</b> <b>32.43 dBV/m</b>	Grid 3 <b>M3</b> <b>32.47 dBV/m</b>
Grid 4 <b>M3</b> <b>31.37 dBV/m</b>	Grid 5 <b>M3</b> <b>33.34 dBV/m</b>	Grid 6 <b>M3</b> <b>33.34 dBV/m</b>
Grid 7 <b>M3</b> <b>32.31 dBV/m</b>	Grid 8 <b>M3</b> <b>33.53 dBV/m</b>	Grid 9 <b>M3</b> <b>33.49 dBV/m</b>

**Cursor:**

Total = 33.53 dBV/m

E Category: M3

Location: -6, 17.5, 8.7 mm



0 dB = 47.49 V/m = 33.53 dBV/m