

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

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 41.07 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.70 dBV/m

**Emission category: M4**

MIF scaled E-field

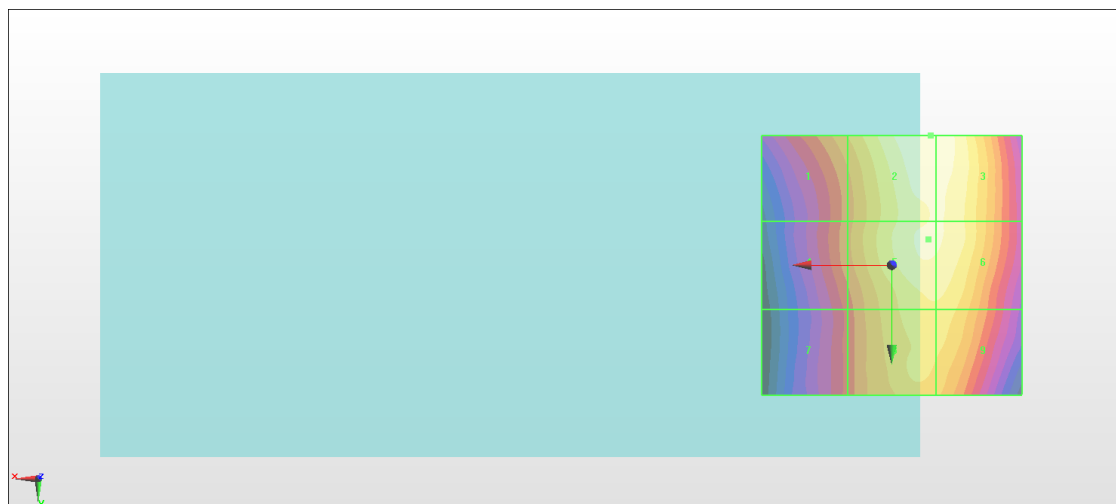
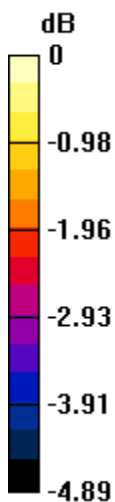
Grid 1 <b>M4</b> <b>33.43 dBV/m</b>	Grid 2 <b>M4</b> <b>34.7 dBV/m</b>	Grid 3 <b>M4</b> <b>34.69 dBV/m</b>
Grid 4 <b>M4</b> <b>33 dBV/m</b>	Grid 5 <b>M4</b> <b>34.44 dBV/m</b>	Grid 6 <b>M4</b> <b>34.43 dBV/m</b>
Grid 7 <b>M4</b> <b>32.57 dBV/m</b>	Grid 8 <b>M4</b> <b>34 dBV/m</b>	Grid 9 <b>M4</b> <b>33.99 dBV/m</b>

**Cursor:**

Total = 34.70 dBV/m

E Category: M4

Location: -7.5, -25, 8.7 mm



0 dB = 54.35 V/m = 34.70 dBV/m

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

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 45.84 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.19 dBV/m

**Emission category: M4**

MIF scaled E-field

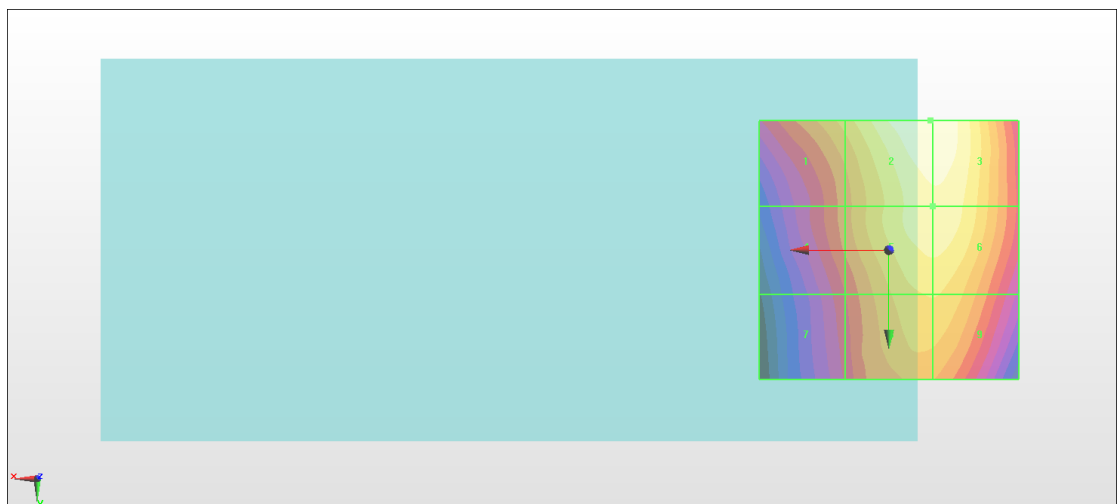
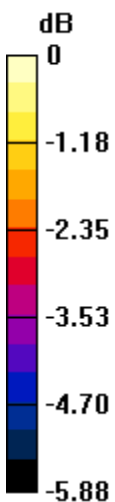
Grid 1 <b>M4</b> <b>34.81 dBV/m</b>	Grid 2 <b>M4</b> <b>36.19 dBV/m</b>	Grid 3 <b>M4</b> <b>36.18 dBV/m</b>
Grid 4 <b>M4</b> <b>34.05 dBV/m</b>	Grid 5 <b>M4</b> <b>35.71 dBV/m</b>	Grid 6 <b>M4</b> <b>35.71 dBV/m</b>
Grid 7 <b>M4</b> <b>33.45 dBV/m</b>	Grid 8 <b>M4</b> <b>35.04 dBV/m</b>	Grid 9 <b>M4</b> <b>35.04 dBV/m</b>

**Cursor:**

Total = 36.19 dBV/m

E Category: M4

Location: -8, -25, 8.7 mm



0 dB = 64.46 V/m = 36.19 dBV/m

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

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 46.82 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.76 dBV/m

**Emission category: M4**

MIF scaled E-field

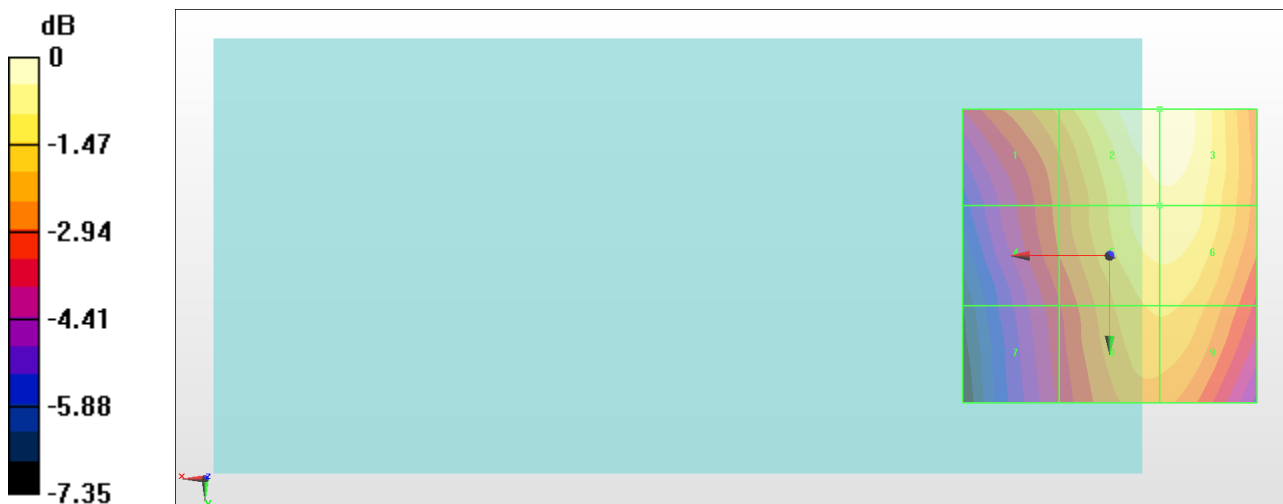
Grid 1 <b>M4</b> <b>34.94 dBV/m</b>	Grid 2 <b>M4</b> <b>36.76 dBV/m</b>	Grid 3 <b>M4</b> <b>36.76 dBV/m</b>
Grid 4 <b>M4</b> <b>34.02 dBV/m</b>	Grid 5 <b>M4</b> <b>36.15 dBV/m</b>	Grid 6 <b>M4</b> <b>36.17 dBV/m</b>
Grid 7 <b>M4</b> <b>33.31 dBV/m</b>	Grid 8 <b>M4</b> <b>35.38 dBV/m</b>	Grid 9 <b>M4</b> <b>35.38 dBV/m</b>

**Cursor:**

Total = 36.76 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 68.85 V/m = 36.76 dBV/m

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

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 13.67 V/m; Power Drift = -0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.71 dBV/m

**Emission category: M4**

MIF scaled E-field

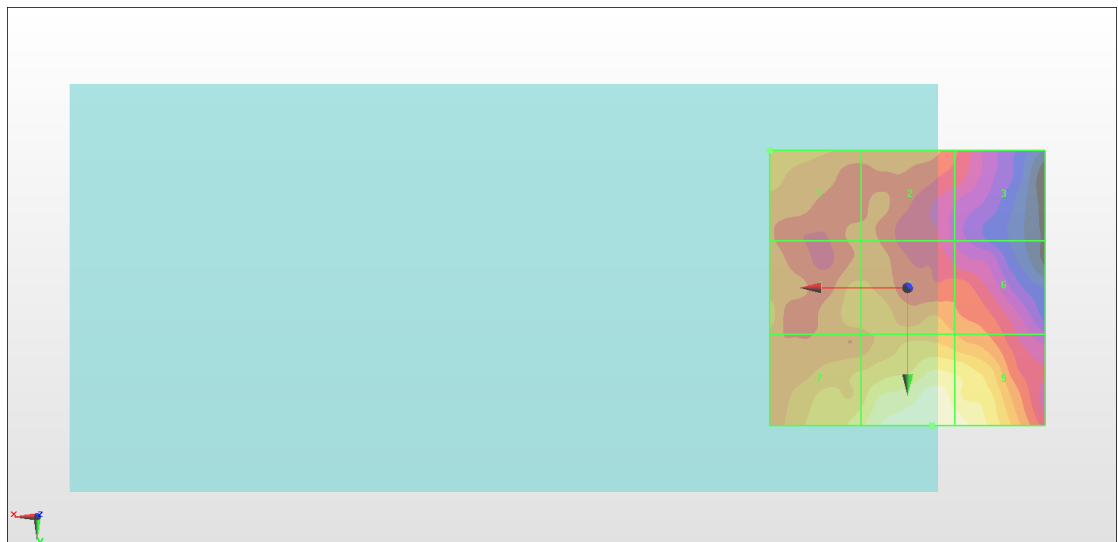
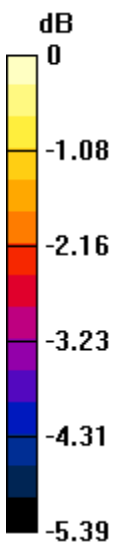
Grid 1 <b>M4</b> <b>25.28 dBV/m</b>	Grid 2 <b>M4</b> <b>24.82 dBV/m</b>	Grid 3 <b>M4</b> <b>24.29 dBV/m</b>
Grid 4 <b>M4</b> <b>25.18 dBV/m</b>	Grid 5 <b>M4</b> <b>25.17 dBV/m</b>	Grid 6 <b>M4</b> <b>24.94 dBV/m</b>
Grid 7 <b>M4</b> <b>25.89 dBV/m</b>	Grid 8 <b>M4</b> <b>26.71 dBV/m</b>	Grid 9 <b>M4</b> <b>26.57 dBV/m</b>

**Cursor:**

Total = 26.71 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 21.65 V/m = 26.71 dBV/m

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

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 8.375 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.27 dBV/m

**Emission category: M4**

MIF scaled E-field

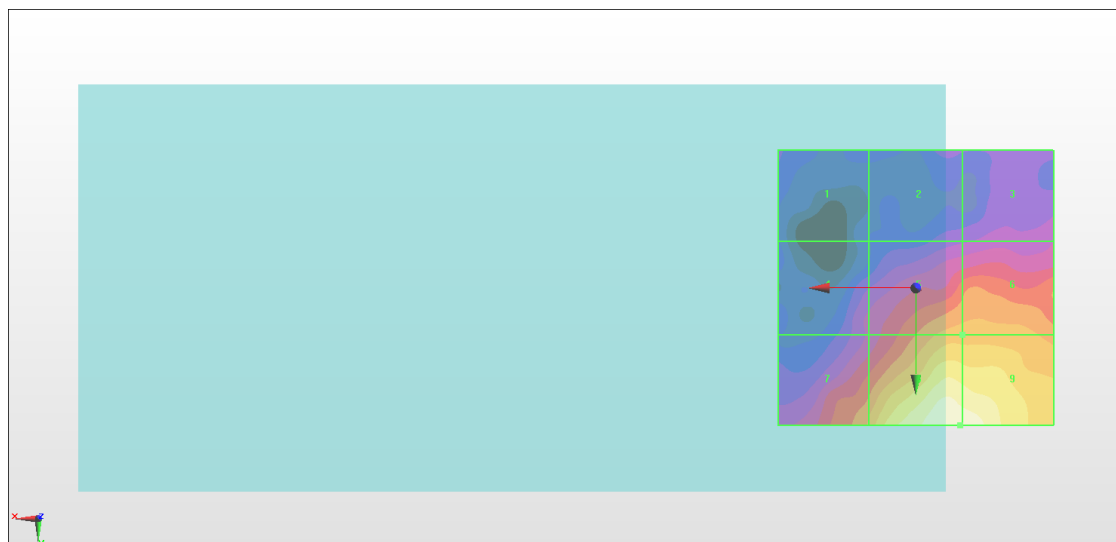
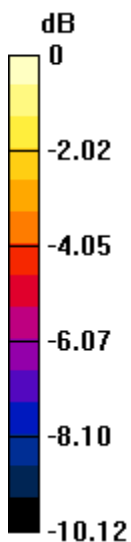
Grid 1 <b>M4</b> <b>19.03 dBV/m</b>	Grid 2 <b>M4</b> <b>19.44 dBV/m</b>	Grid 3 <b>M4</b> <b>20.23 dBV/m</b>
Grid 4 <b>M4</b> <b>20.45 dBV/m</b>	Grid 5 <b>M4</b> <b>23.27 dBV/m</b>	Grid 6 <b>M4</b> <b>23.31 dBV/m</b>
Grid 7 <b>M4</b> <b>23.06 dBV/m</b>	Grid 8 <b>M4</b> <b>26.27 dBV/m</b>	Grid 9 <b>M4</b> <b>26.26 dBV/m</b>

**Cursor:**

Total = 26.27 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 20.58 V/m = 26.27 dBV/m

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

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 8.702 V/m; Power Drift = 0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.54 dBV/m

**Emission category: M4**

MIF scaled E-field

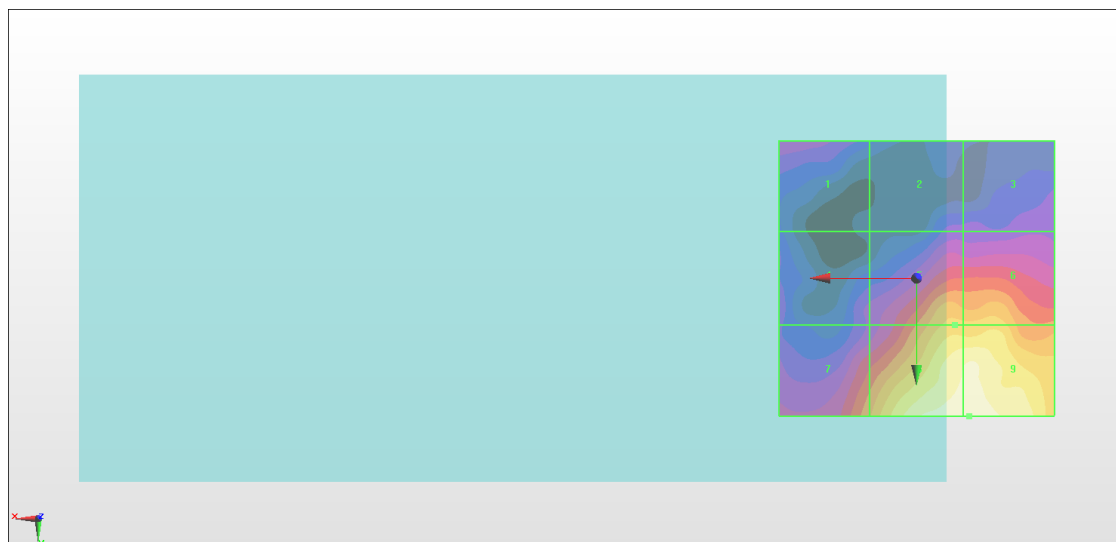
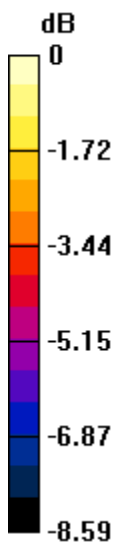
Grid 1 <b>M4</b> <b>21.44 dBV/m</b>	Grid 2 <b>M4</b> <b>20.55 dBV/m</b>	Grid 3 <b>M4</b> <b>20.77 dBV/m</b>
Grid 4 <b>M4</b> <b>21.04 dBV/m</b>	Grid 5 <b>M4</b> <b>24.48 dBV/m</b>	Grid 6 <b>M4</b> <b>24.63 dBV/m</b>
Grid 7 <b>M4</b> <b>23.61 dBV/m</b>	Grid 8 <b>M4</b> <b>26.5 dBV/m</b>	Grid 9 <b>M4</b> <b>26.54 dBV/m</b>

**Cursor:**

Total = 26.54 dBV/m

E Category: M4

Location: -9.5, 25, 8.7 mm



0 dB = 21.22 V/m = 26.53 dBV/m

### #07\_HAC\_E\_CDMA BC0\_1xRTT, RC1 SO3, 18th Rate\_Ch1013

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 20.45 V/m; Power Drift = -0.00 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.75 dBV/m

**Emission category: M4**

MIF scaled E-field

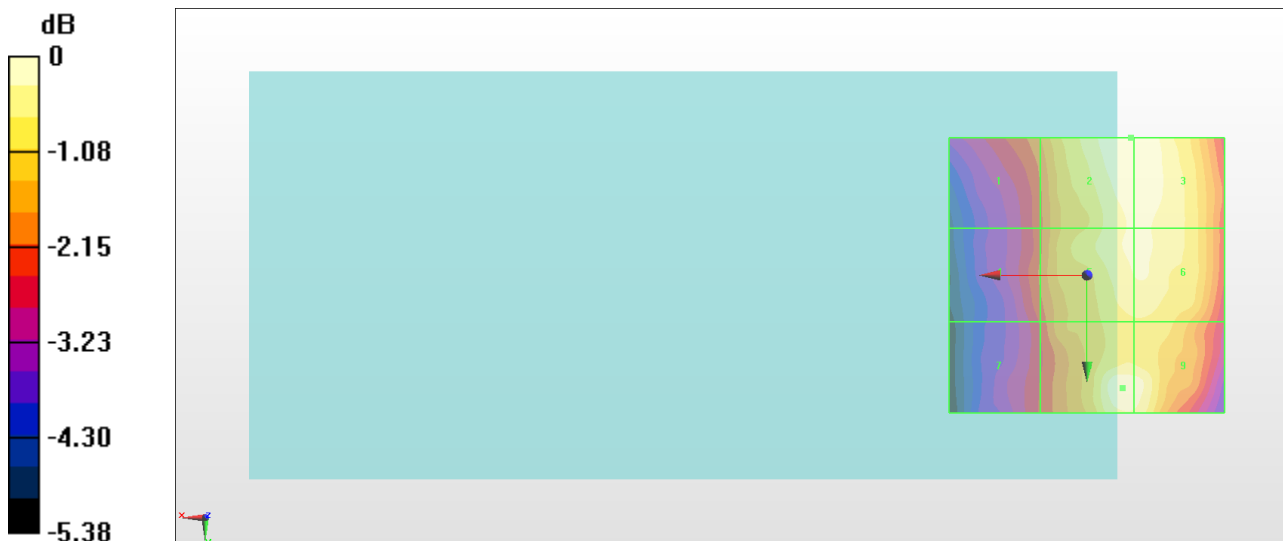
Grid 1 <b>M4</b> <b>26.95 dBV/m</b>	Grid 2 <b>M4</b> <b>28.75 dBV/m</b>	Grid 3 <b>M4</b> <b>28.74 dBV/m</b>
Grid 4 <b>M4</b> <b>26.67 dBV/m</b>	Grid 5 <b>M4</b> <b>28.47 dBV/m</b>	Grid 6 <b>M4</b> <b>28.48 dBV/m</b>
Grid 7 <b>M4</b> <b>26.31 dBV/m</b>	Grid 8 <b>M4</b> <b>28.66 dBV/m</b>	Grid 9 <b>M4</b> <b>28.58 dBV/m</b>

**Cursor:**

Total = 28.75 dBV/m

E Category: M4

Location: -8, -25, 8.7 mm



0 dB = 27.38 V/m = 28.75 dBV/m

## #08\_HAC\_E\_CDMA BC0\_1xRTT, RC1 SO3, 18th Rate\_Ch384

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 23.77 V/m; Power Drift = -0.08 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.20 dBV/m

**Emission category: M4**

MIF scaled E-field

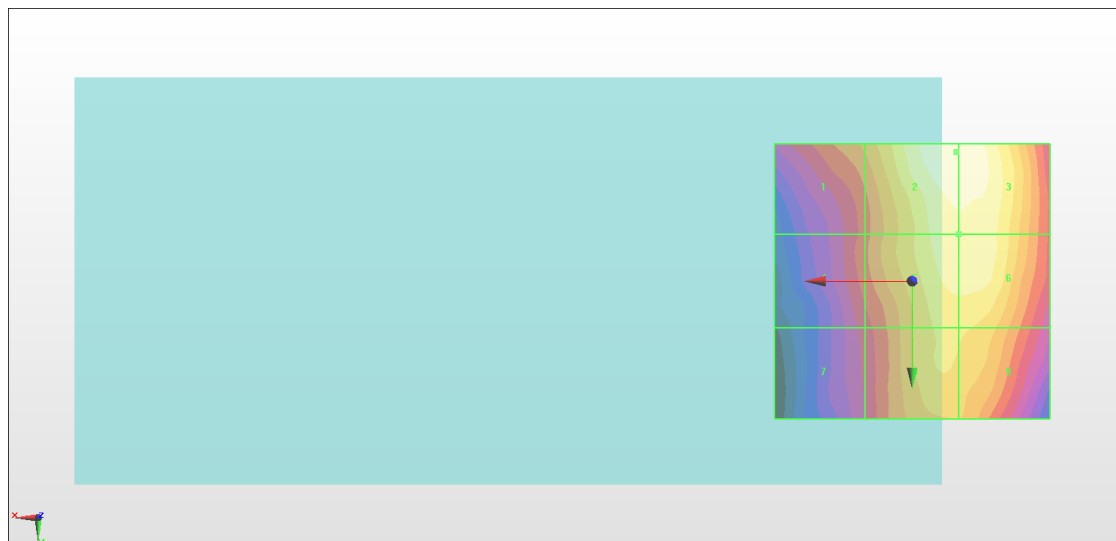
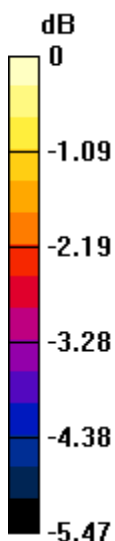
Grid 1 <b>M4</b> <b>26.5 dBV/m</b>	Grid 2 <b>M4</b> <b>28.2 dBV/m</b>	Grid 3 <b>M4</b> <b>28.2 dBV/m</b>
Grid 4 <b>M4</b> <b>25.95 dBV/m</b>	Grid 5 <b>M4</b> <b>27.77 dBV/m</b>	Grid 6 <b>M4</b> <b>27.77 dBV/m</b>
Grid 7 <b>M4</b> <b>25.5 dBV/m</b>	Grid 8 <b>M4</b> <b>27.23 dBV/m</b>	Grid 9 <b>M4</b> <b>27.2 dBV/m</b>

**Cursor:**

Total = 28.20 dBV/m

E Category: M4

Location: -8, -23.5, 8.7 mm



0 dB = 25.71 V/m = 28.20 dBV/m



## #09\_HAC\_E\_CDMA BC0\_1xRTT, RC1 SO3, 18th Rate\_Ch777

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 16.35 V/m; Power Drift = -0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.15 dBV/m

**Emission category: M4**

MIF scaled E-field

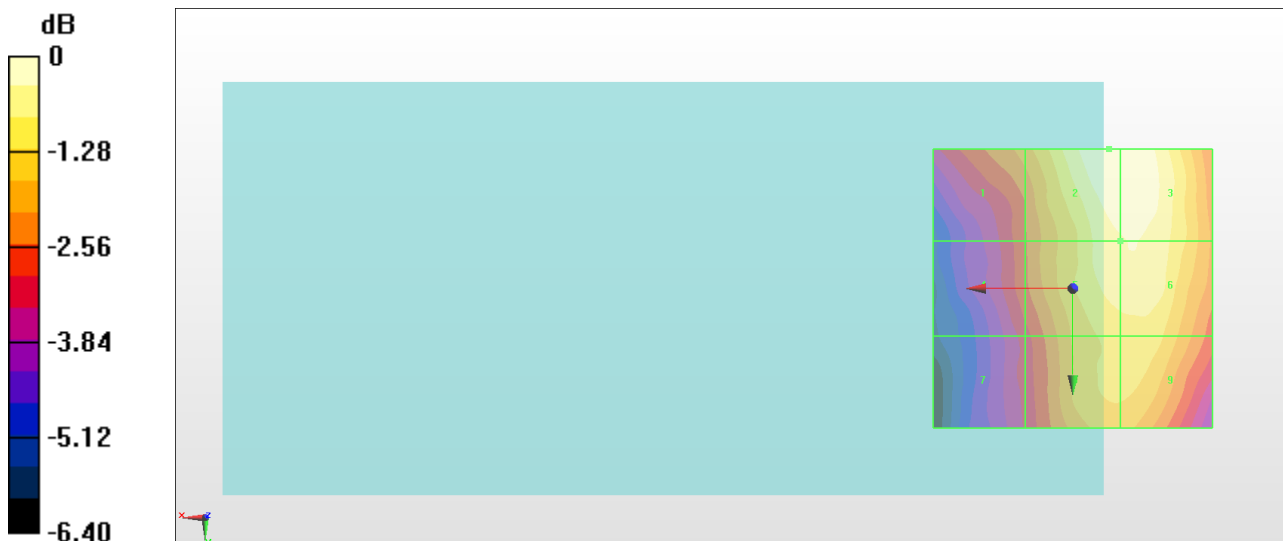
Grid 1 <b>M4</b> <b>25.26 dBV/m</b>	Grid 2 <b>M4</b> <b>27.15 dBV/m</b>	Grid 3 <b>M4</b> <b>27.13 dBV/m</b>
Grid 4 <b>M4</b> <b>24.55 dBV/m</b>	Grid 5 <b>M4</b> <b>26.7 dBV/m</b>	Grid 6 <b>M4</b> <b>26.73 dBV/m</b>
Grid 7 <b>M4</b> <b>24 dBV/m</b>	Grid 8 <b>M4</b> <b>26.08 dBV/m</b>	Grid 9 <b>M4</b> <b>26.13 dBV/m</b>

**Cursor:**

Total = 27.15 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



0 dB = 22.77 V/m = 27.15 dBV/m

## #10\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 18th Rate\_Ch25

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 7.245 V/m; Power Drift = -0.11 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.97 dBV/m

**Emission category: M4**

MIF scaled E-field

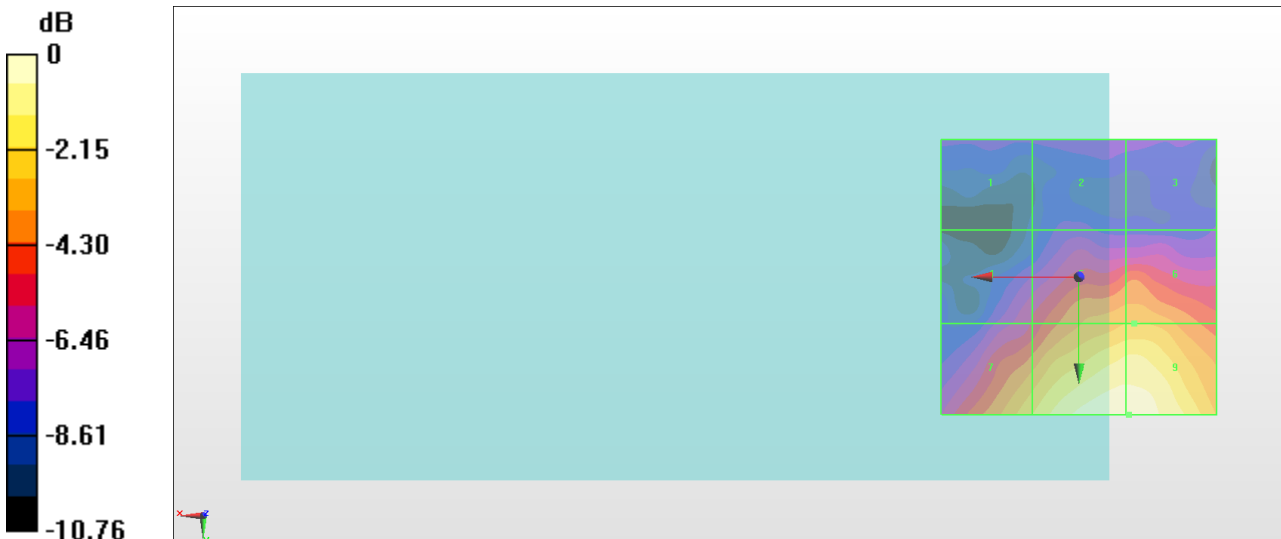
Grid 1 <b>M4</b> <b>17.36 dBV/m</b>	Grid 2 <b>M4</b> <b>17.89 dBV/m</b>	Grid 3 <b>M4</b> <b>17.69 dBV/m</b>
Grid 4 <b>M4</b> <b>19.37 dBV/m</b>	Grid 5 <b>M4</b> <b>22.13 dBV/m</b>	Grid 6 <b>M4</b> <b>22.18 dBV/m</b>
Grid 7 <b>M4</b> <b>22.82 dBV/m</b>	Grid 8 <b>M4</b> <b>24.96 dBV/m</b>	Grid 9 <b>M4</b> <b>24.97 dBV/m</b>

**Cursor:**

Total = 24.97 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 17.72 V/m = 24.97 dBV/m

## #11\_HAC\_E\_CDMA BC1\_1xRTT, RC1 SO3, 18th Rate\_Ch600

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 7.521 V/m; Power Drift = -0.14 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.38 dBV/m

**Emission category: M4**

MIF scaled E-field

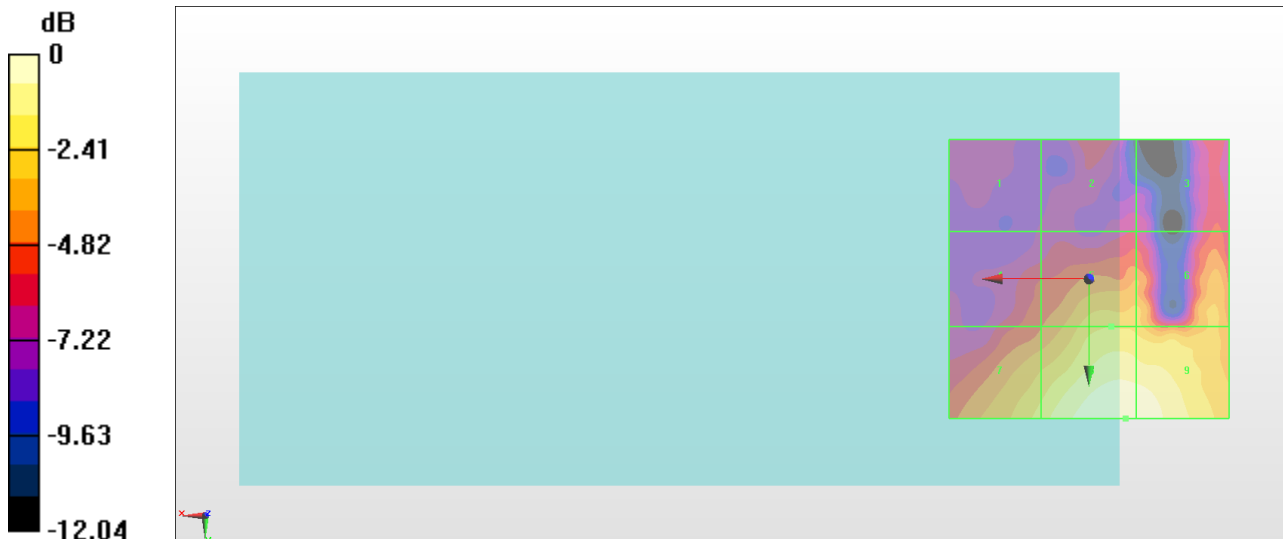
Grid 1 <b>M4</b> <b>17.56 dBV/m</b>	Grid 2 <b>M4</b> <b>18.59 dBV/m</b>	Grid 3 <b>M4</b> <b>19 dBV/m</b>
Grid 4 <b>M4</b> <b>19.56 dBV/m</b>	Grid 5 <b>M4</b> <b>21.96 dBV/m</b>	Grid 6 <b>M4</b> <b>21.63 dBV/m</b>
Grid 7 <b>M4</b> <b>22.38 dBV/m</b>	Grid 8 <b>M4</b> <b>24.38 dBV/m</b>	Grid 9 <b>M4</b> <b>24.34 dBV/m</b>

**Cursor:**

Total = 24.38 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



0 dB = 16.56 V/m = 24.38 dBV/m

## #12\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 18th Rate\_Ch1175

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 7.878 V/m; Power Drift = -0.11 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.94 dBV/m

**Emission category: M4**

MIF scaled E-field

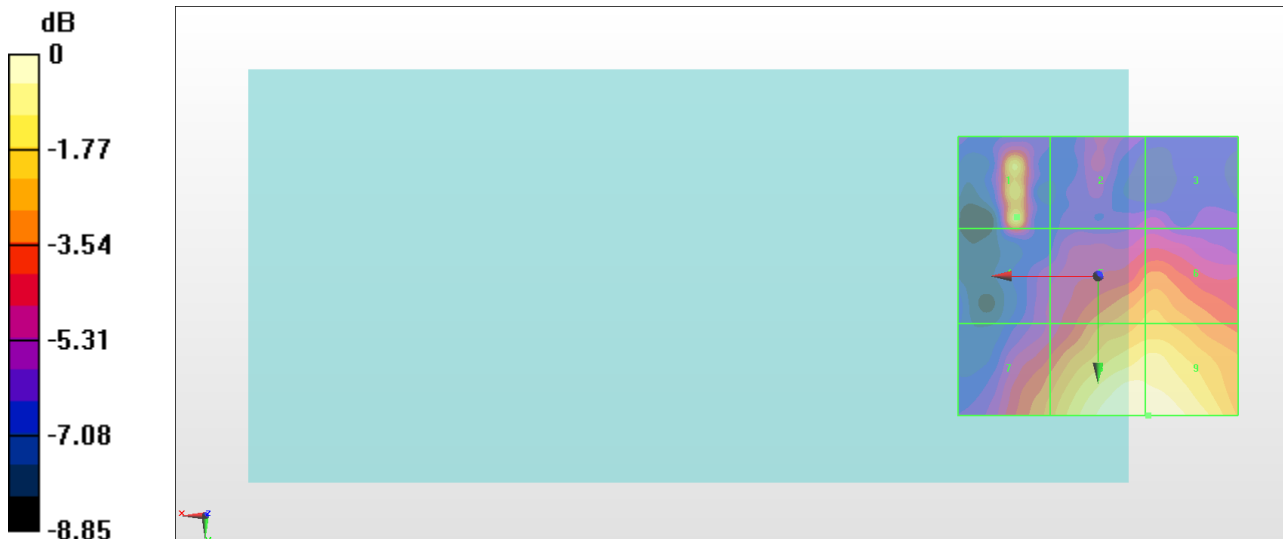
Grid 1 <b>M4</b> <b>22.57 dBV/m</b>	Grid 2 <b>M4</b> <b>18.88 dBV/m</b>	Grid 3 <b>M4</b> <b>18.51 dBV/m</b>
Grid 4 <b>M4</b> <b>20.21 dBV/m</b>	Grid 5 <b>M4</b> <b>21.71 dBV/m</b>	Grid 6 <b>M4</b> <b>21.74 dBV/m</b>
Grid 7 <b>M4</b> <b>21.35 dBV/m</b>	Grid 8 <b>M4</b> <b>23.94 dBV/m</b>	Grid 9 <b>M4</b> <b>23.94 dBV/m</b>

**Cursor:**

Total = 23.94 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 15.74 V/m = 23.94 dBV/m

### #13\_HAC\_E\_CDMA BC10\_ 1xRTT, RC1 SO3, 18th Rate\_Ch476

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 20.61 V/m; Power Drift = 0.13 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.29 dBV/m

**Emission category: M4**

MIF scaled E-field

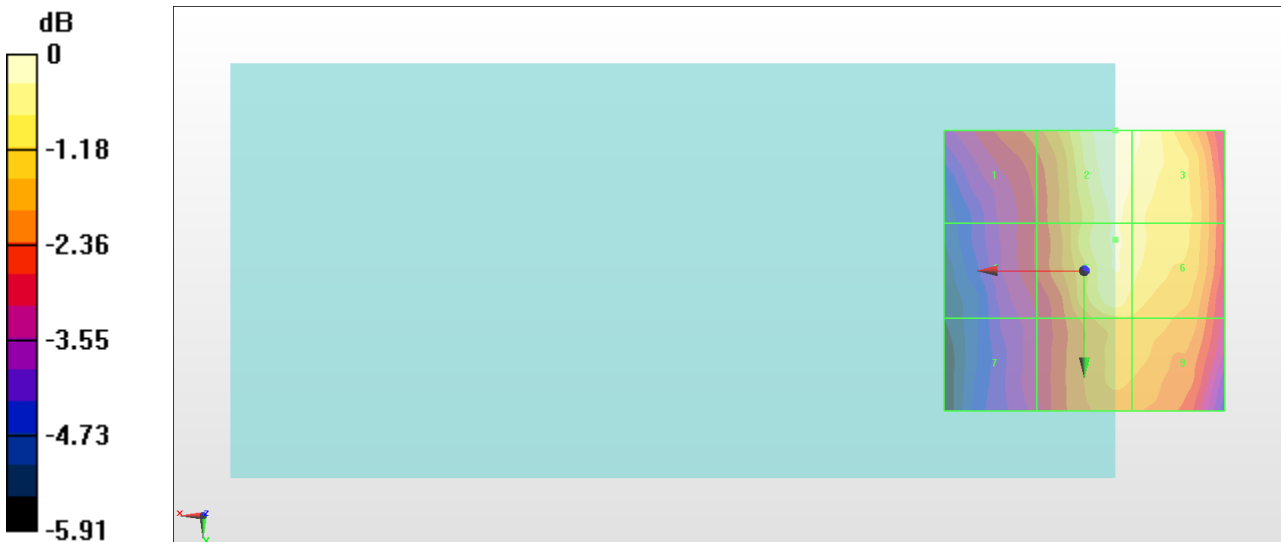
Grid 1 <b>M4</b> <b>27.19 dBV/m</b>	Grid 2 <b>M4</b> <b>29.29 dBV/m</b>	Grid 3 <b>M4</b> <b>29.04 dBV/m</b>
Grid 4 <b>M4</b> <b>26.61 dBV/m</b>	Grid 5 <b>M4</b> <b>28.94 dBV/m</b>	Grid 6 <b>M4</b> <b>28.69 dBV/m</b>
Grid 7 <b>M4</b> <b>26.15 dBV/m</b>	Grid 8 <b>M4</b> <b>28.08 dBV/m</b>	Grid 9 <b>M4</b> <b>28.06 dBV/m</b>

**Cursor:**

Total = 29.29 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 29.14 V/m = 29.29 dBV/m

## #14\_HAC\_E\_CDMA BC10\_ 1xRTT, RC1 SO3, 18th Rate\_Ch580

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 22.54 V/m; Power Drift = -0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.97 dBV/m

**Emission category: M4**

MIF scaled E-field

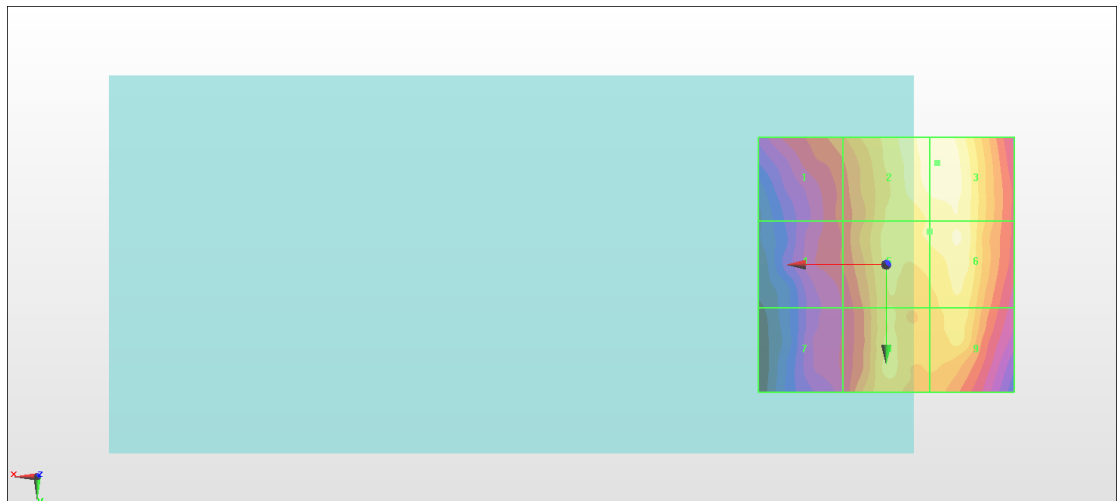
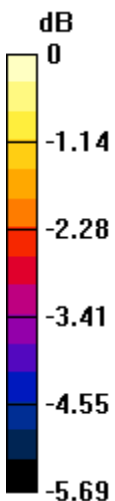
Grid 1 <b>M4</b> <b>27.02 dBV/m</b>	Grid 2 <b>M4</b> <b>28.89 dBV/m</b>	Grid 3 <b>M4</b> <b>28.97 dBV/m</b>
Grid 4 <b>M4</b> <b>26.47 dBV/m</b>	Grid 5 <b>M4</b> <b>28.27 dBV/m</b>	Grid 6 <b>M4</b> <b>28.65 dBV/m</b>
Grid 7 <b>M4</b> <b>26.03 dBV/m</b>	Grid 8 <b>M4</b> <b>28.01 dBV/m</b>	Grid 9 <b>M4</b> <b>28.13 dBV/m</b>

**Cursor:**

Total = 28.97 dBV/m

E Category: M4

Location: -10, -20, 8.7 mm



0 dB = 28.08 V/m = 28.97 dBV/m

## #15\_HAC\_E\_CDMA BC10\_ 1xRTT, RC1 SO3, 18th Rate\_Ch684

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 18.05 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.16 dBV/m

**Emission category: M4**

MIF scaled E-field

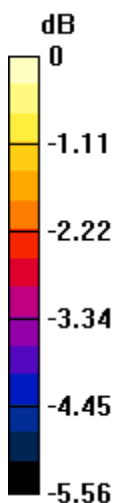
Grid 1 <b>M4</b> <b>25.71 dBV/m</b>	Grid 2 <b>M4</b> <b>28.16 dBV/m</b>	Grid 3 <b>M4</b> <b>27.89 dBV/m</b>
Grid 4 <b>M4</b> <b>25.54 dBV/m</b>	Grid 5 <b>M4</b> <b>28.11 dBV/m</b>	Grid 6 <b>M4</b> <b>27.76 dBV/m</b>
Grid 7 <b>M4</b> <b>26.69 dBV/m</b>	Grid 8 <b>M4</b> <b>28.01 dBV/m</b>	Grid 9 <b>M4</b> <b>27.44 dBV/m</b>

**Cursor:**

Total = 28.16 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 25.57 V/m = 28.15 dBV/m

### #16\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch37850

Communication System:LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2580 MHz;Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 10.53 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.23 dBV/m

**Emission category: M4**

MIF scaled E-field

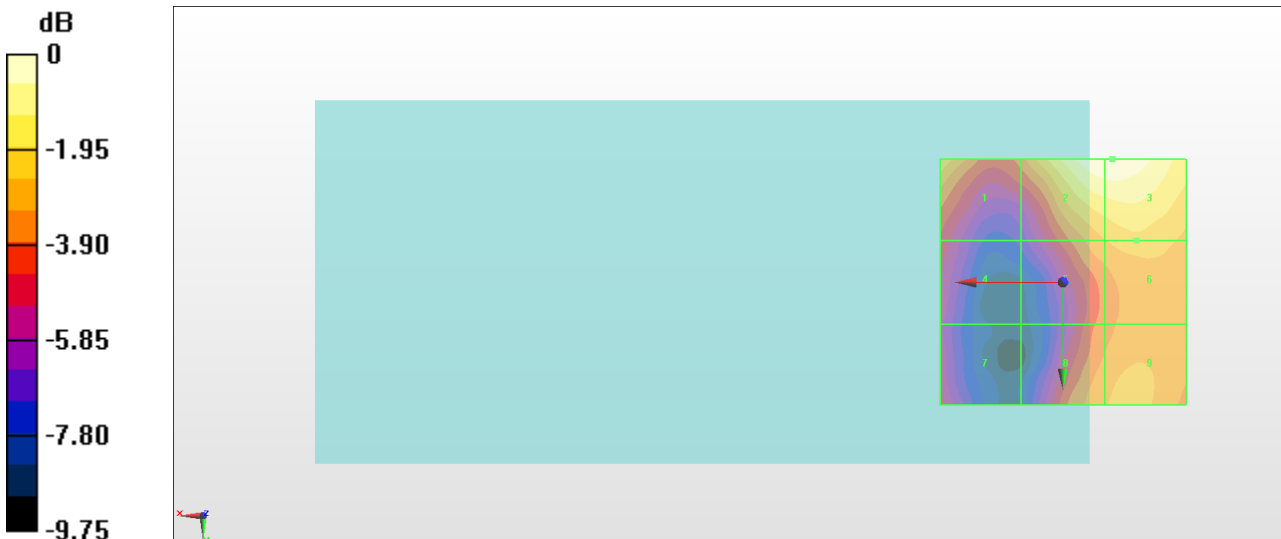
Grid 1 <b>M4</b> <b>21.34 dBV/m</b>	Grid 2 <b>M4</b> <b>23.21 dBV/m</b>	Grid 3 <b>M4</b> <b>23.23 dBV/m</b>
Grid 4 <b>M4</b> <b>18.6 dBV/m</b>	Grid 5 <b>M4</b> <b>20.61 dBV/m</b>	Grid 6 <b>M4</b> <b>21.06 dBV/m</b>
Grid 7 <b>M4</b> <b>18.47 dBV/m</b>	Grid 8 <b>M4</b> <b>20.59 dBV/m</b>	Grid 9 <b>M4</b> <b>20.9 dBV/m</b>

**Cursor:**

Total = 23.23 dBV/m

E Category: M4

Location: -10, -25, 8.7 mm



0 dB = 14.50 V/m = 23.23 dBV/m



### #17\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch38000

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 10.40 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.17 dBV/m

**Emission category: M4**

MIF scaled E-field

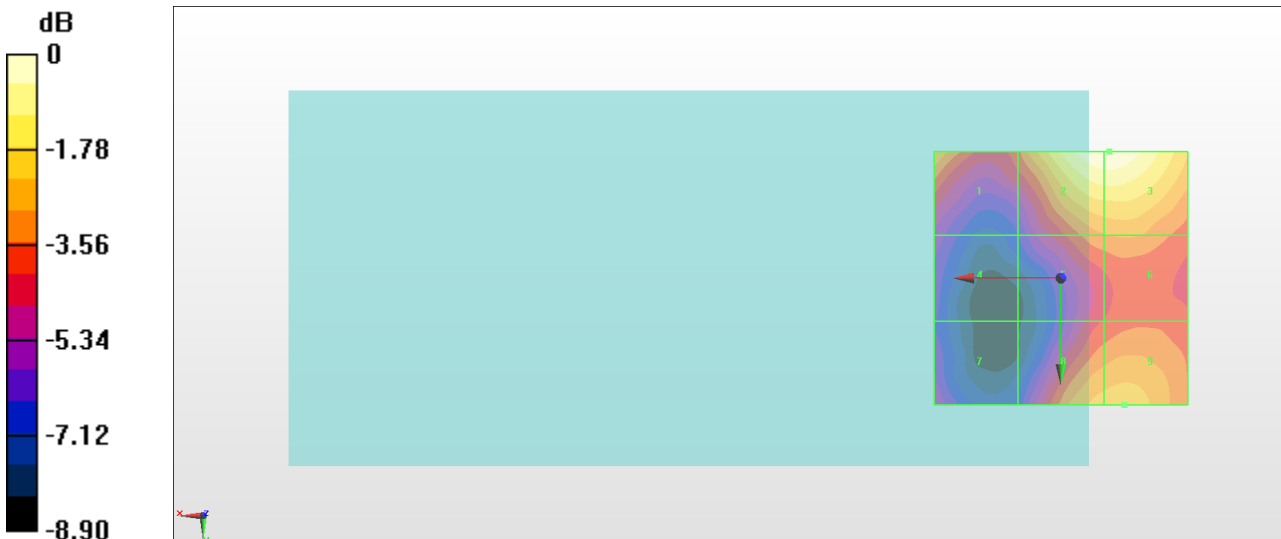
Grid 1 <b>M4</b> <b>21.06 dBV/m</b>	Grid 2 <b>M4</b> <b>23.16 dBV/m</b>	Grid 3 <b>M4</b> <b>23.17 dBV/m</b>
Grid 4 <b>M4</b> <b>17.77 dBV/m</b>	Grid 5 <b>M4</b> <b>20.17 dBV/m</b>	Grid 6 <b>M4</b> <b>20.3 dBV/m</b>
Grid 7 <b>M4</b> <b>18.14 dBV/m</b>	Grid 8 <b>M4</b> <b>21.08 dBV/m</b>	Grid 9 <b>M4</b> <b>21.18 dBV/m</b>

**Cursor:**

Total = 23.17 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 14.40 V/m = 23.17 dBV/m

## #18\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch38150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 9.358 V/m; Power Drift = -0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.38 dBV/m

**Emission category: M4**

MIF scaled E-field

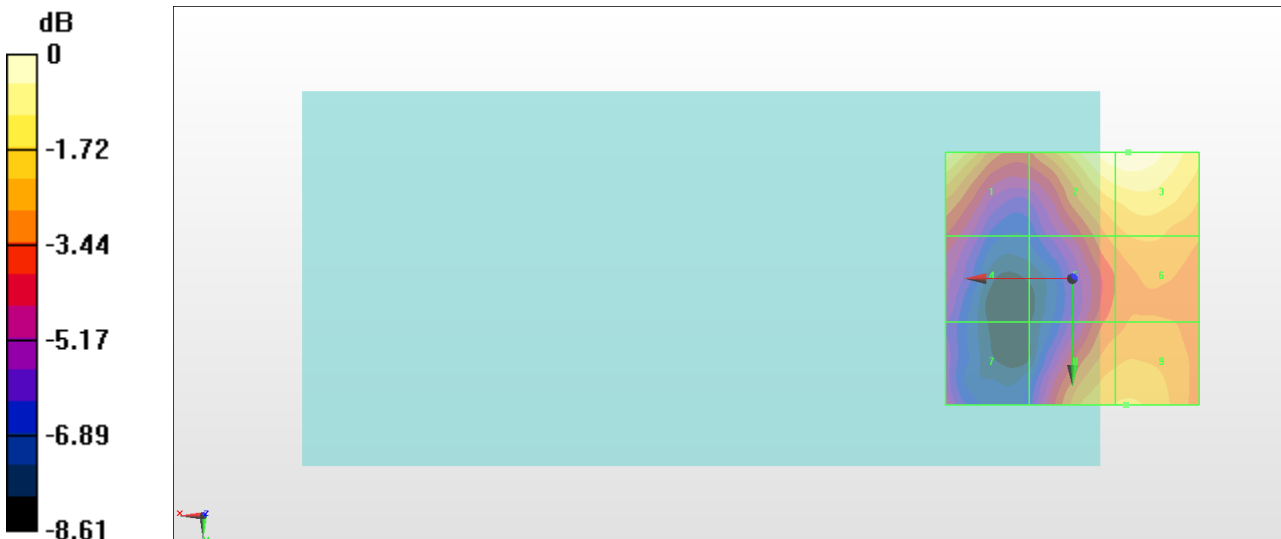
Grid 1 <b>M4</b> <b>21.64 dBV/m</b>	Grid 2 <b>M4</b> <b>22.3 dBV/m</b>	Grid 3 <b>M4</b> <b>22.38 dBV/m</b>
Grid 4 <b>M4</b> <b>18.36 dBV/m</b>	Grid 5 <b>M4</b> <b>19.8 dBV/m</b>	Grid 6 <b>M4</b> <b>20.24 dBV/m</b>
Grid 7 <b>M4</b> <b>17.68 dBV/m</b>	Grid 8 <b>M4</b> <b>20.7 dBV/m</b>	Grid 9 <b>M4</b> <b>20.75 dBV/m</b>

**Cursor:**

Total = 22.38 dBV/m

E Category: M4

Location: -11, -25, 8.7 mm



0 dB = 13.16 V/m = 22.39 dBV/m

### #19\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch37850

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2580 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 10.61 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.30 dBV/m

**Emission category: M4**

MIF scaled E-field

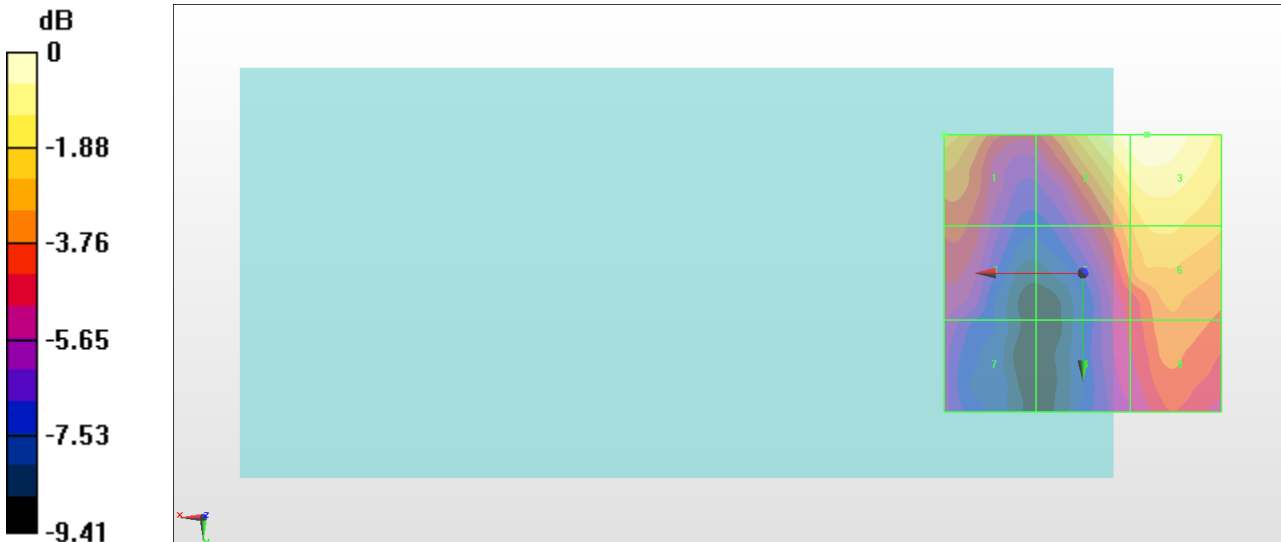
Grid 1 <b>M4</b> <b>23.21 dBV/m</b>	Grid 2 <b>M4</b> <b>25.09 dBV/m</b>	Grid 3 <b>M4</b> <b>25.3 dBV/m</b>
Grid 4 <b>M4</b> <b>21.16 dBV/m</b>	Grid 5 <b>M4</b> <b>22.71 dBV/m</b>	Grid 6 <b>M4</b> <b>23.56 dBV/m</b>
Grid 7 <b>M4</b> <b>19.79 dBV/m</b>	Grid 8 <b>M4</b> <b>20.47 dBV/m</b>	Grid 9 <b>M4</b> <b>22.14 dBV/m</b>

**Cursor:**

Total = 25.30 dBV/m

E Category: M4

Location: -11.5, -25, 8.7 mm



0 dB = 18.41 V/m = 25.30 dBV/m

## #20\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch38000

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 10.69 V/m; Power Drift = 0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.00 dBV/m

**Emission category: M4**

MIF scaled E-field

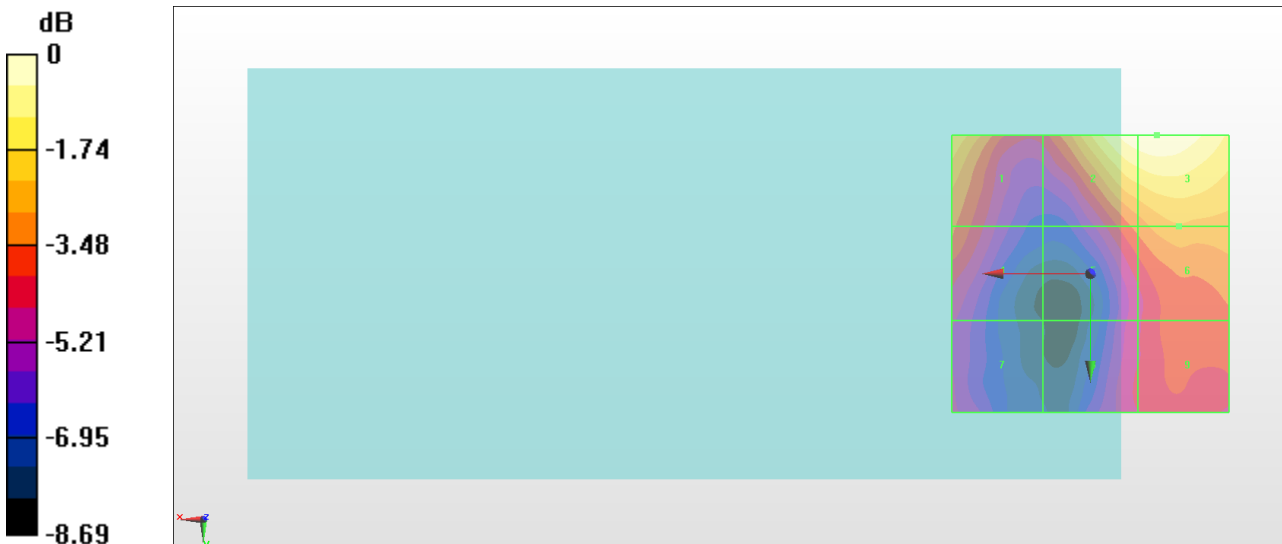
Grid 1 <b>M4</b> <b>23.33 dBV/m</b>	Grid 2 <b>M4</b> <b>24.85 dBV/m</b>	Grid 3 <b>M4</b> <b>25 dBV/m</b>
Grid 4 <b>M4</b> <b>21.66 dBV/m</b>	Grid 5 <b>M4</b> <b>21.75 dBV/m</b>	Grid 6 <b>M4</b> <b>22.6 dBV/m</b>
Grid 7 <b>M4</b> <b>19.97 dBV/m</b>	Grid 8 <b>M4</b> <b>20.49 dBV/m</b>	Grid 9 <b>M4</b> <b>21.4 dBV/m</b>

**Cursor:**

Total = 25.00 dBV/m

E Category: M4

Location: -12, -25, 8.7 mm



0 dB = 17.78 V/m = 25.00 dBV/m

## #21\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch38150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 10.91 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.72 dBV/m

**Emission category: M4**

MIF scaled E-field

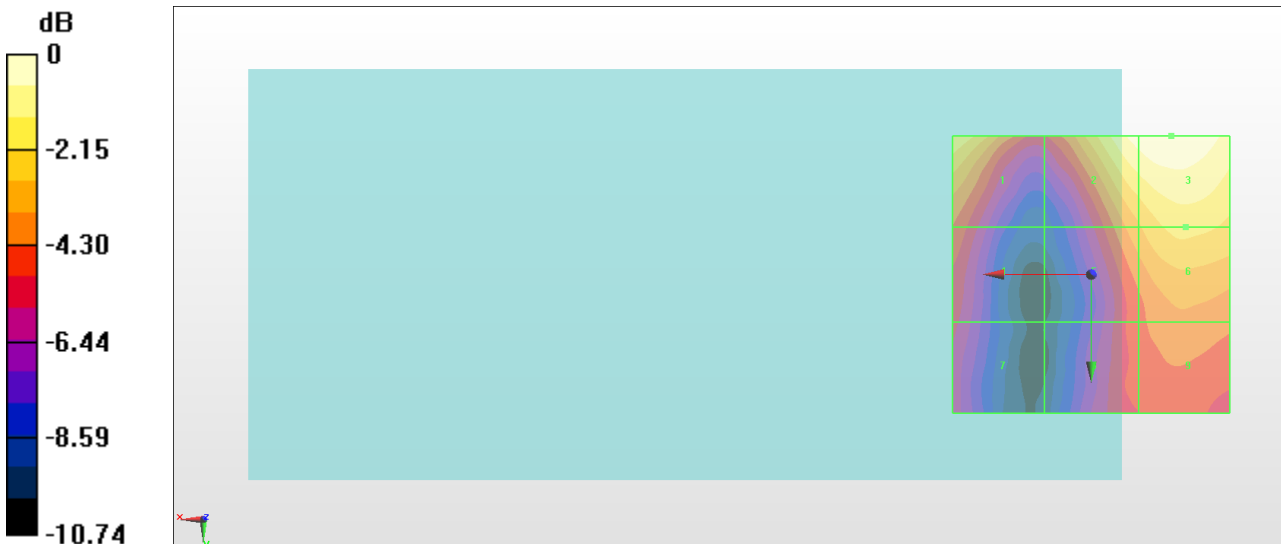
Grid 1 <b>M4</b> <b>23.31 dBV/m</b>	Grid 2 <b>M4</b> <b>24.38 dBV/m</b>	Grid 3 <b>M4</b> <b>24.72 dBV/m</b>
Grid 4 <b>M4</b> <b>20.44 dBV/m</b>	Grid 5 <b>M4</b> <b>21.75 dBV/m</b>	Grid 6 <b>M4</b> <b>22.82 dBV/m</b>
Grid 7 <b>M4</b> <b>19.28 dBV/m</b>	Grid 8 <b>M4</b> <b>20.19 dBV/m</b>	Grid 9 <b>M4</b> <b>21.01 dBV/m</b>

**Cursor:**

Total = 24.72 dBV/m

E Category: M4

Location: -14.5, -25, 8.7 mm



0 dB = 17.23 V/m = 24.73 dBV/m

## #22\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 10.66 V/m; Power Drift = -0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.37 dBV/m

**Emission category: M4**

MIF scaled E-field

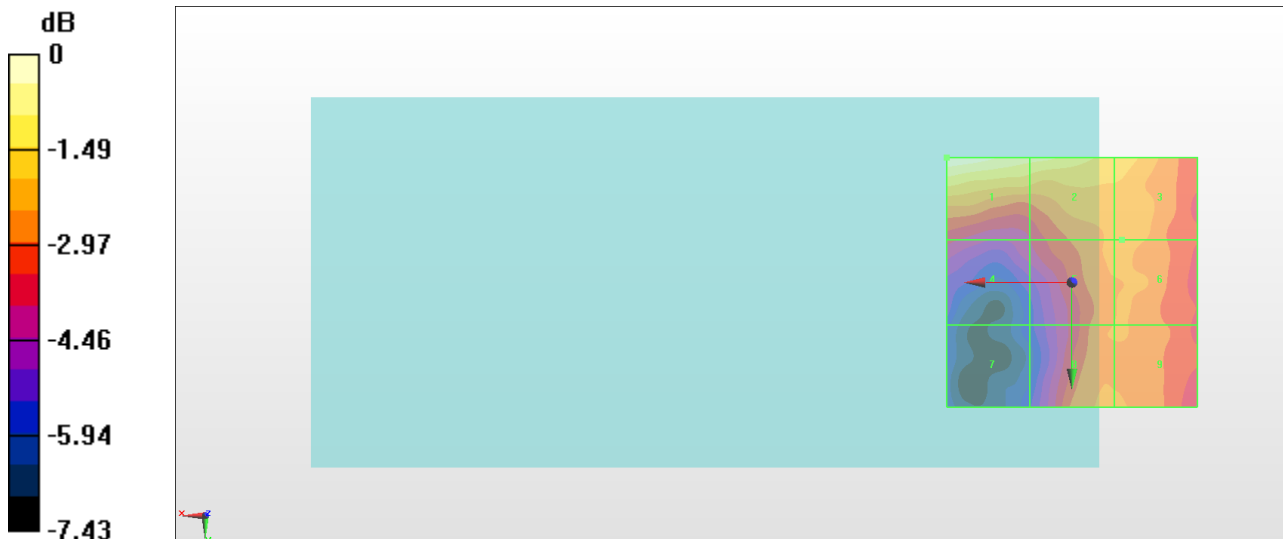
Grid 1 <b>M4</b> <b>20.37 dBV/m</b>	Grid 2 <b>M4</b> <b>19.6 dBV/m</b>	Grid 3 <b>M4</b> <b>18.82 dBV/m</b>
Grid 4 <b>M4</b> <b>16.6 dBV/m</b>	Grid 5 <b>M4</b> <b>18.07 dBV/m</b>	Grid 6 <b>M4</b> <b>18.11 dBV/m</b>
Grid 7 <b>M4</b> <b>14.85 dBV/m</b>	Grid 8 <b>M4</b> <b>18 dBV/m</b>	Grid 9 <b>M4</b> <b>17.96 dBV/m</b>

**Cursor:**

Total = 20.37 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 10.44 V/m = 20.37 dBV/m

## #23\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 9.388 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.44 dBV/m

**Emission category: M4**

MIF scaled E-field

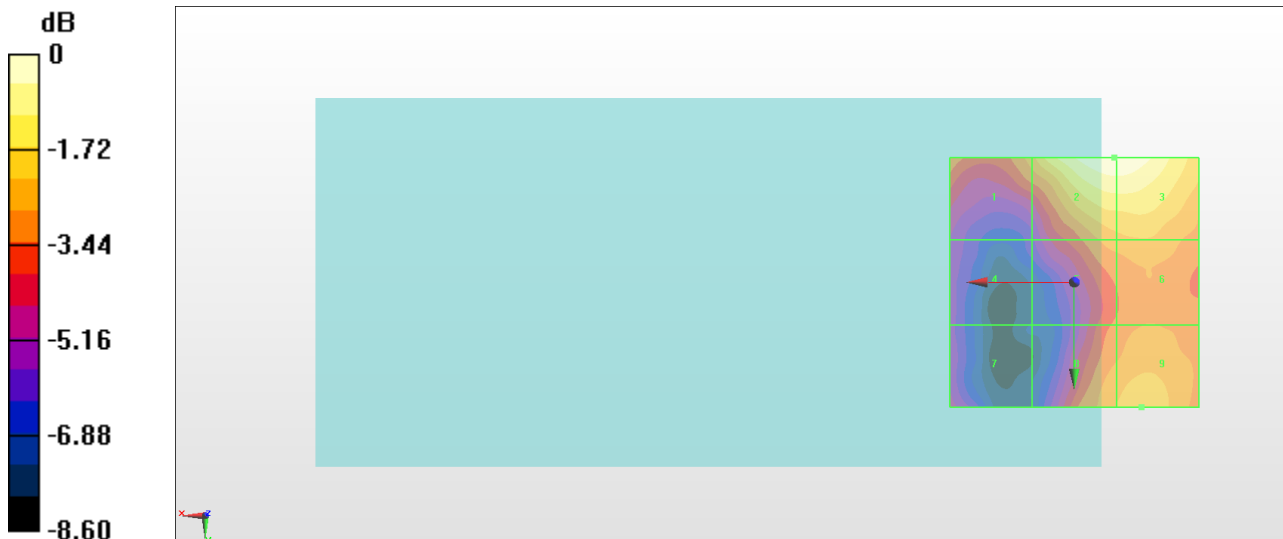
Grid 1 <b>M4</b> <b>18.95 dBV/m</b>	Grid 2 <b>M4</b> <b>21.44 dBV/m</b>	Grid 3 <b>M4</b> <b>21.44 dBV/m</b>
Grid 4 <b>M4</b> <b>16.29 dBV/m</b>	Grid 5 <b>M4</b> <b>18.94 dBV/m</b>	Grid 6 <b>M4</b> <b>19.12 dBV/m</b>
Grid 7 <b>M4</b> <b>16.71 dBV/m</b>	Grid 8 <b>M4</b> <b>19.19 dBV/m</b>	Grid 9 <b>M4</b> <b>19.44 dBV/m</b>

**Cursor:**

Total = 21.44 dBV/m

E Category: M4

Location: -8, -25, 8.7 mm



0 dB = 11.81 V/m = 21.44 dBV/m

## #24\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 9.046 V/m; Power Drift = -0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.80 dBV/m

**Emission category: M4**

MIF scaled E-field

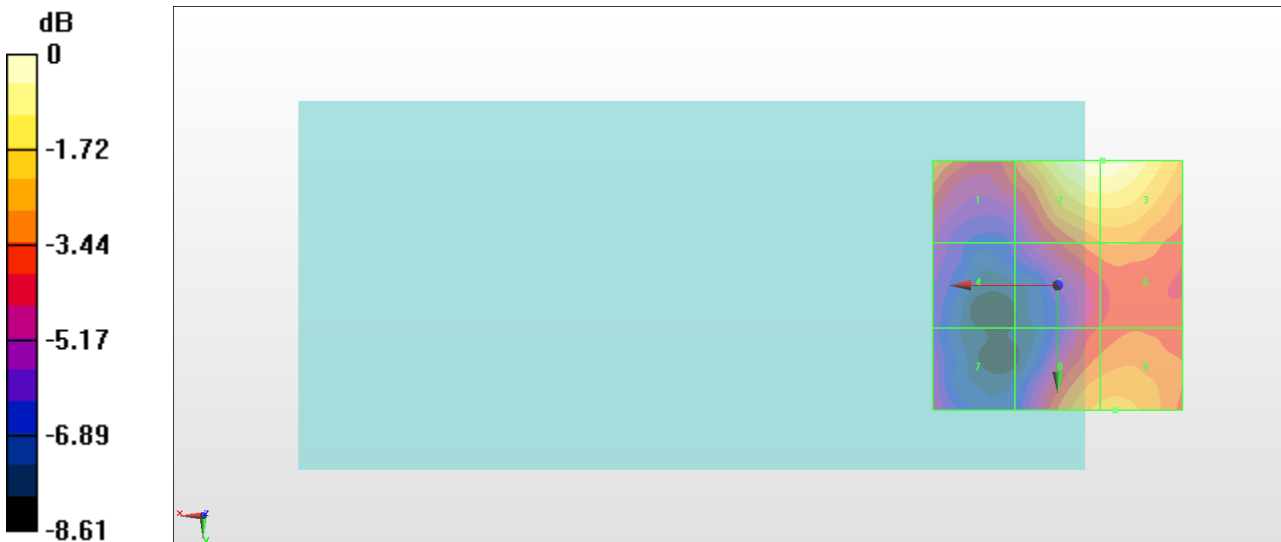
Grid 1 <b>M4</b> <b>19.46 dBV/m</b>	Grid 2 <b>M4</b> <b>21.8 dBV/m</b>	Grid 3 <b>M4</b> <b>21.8 dBV/m</b>
Grid 4 <b>M4</b> <b>16.68 dBV/m</b>	Grid 5 <b>M4</b> <b>18.89 dBV/m</b>	Grid 6 <b>M4</b> <b>19.03 dBV/m</b>
Grid 7 <b>M4</b> <b>16.98 dBV/m</b>	Grid 8 <b>M4</b> <b>19.65 dBV/m</b>	Grid 9 <b>M4</b> <b>19.74 dBV/m</b>

**Cursor:**

Total = 21.80 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 12.31 V/m = 21.81 dBV/m



## #25\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 7.775 V/m; Power Drift = -0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.81 dBV/m

**Emission category: M4**

MIF scaled E-field

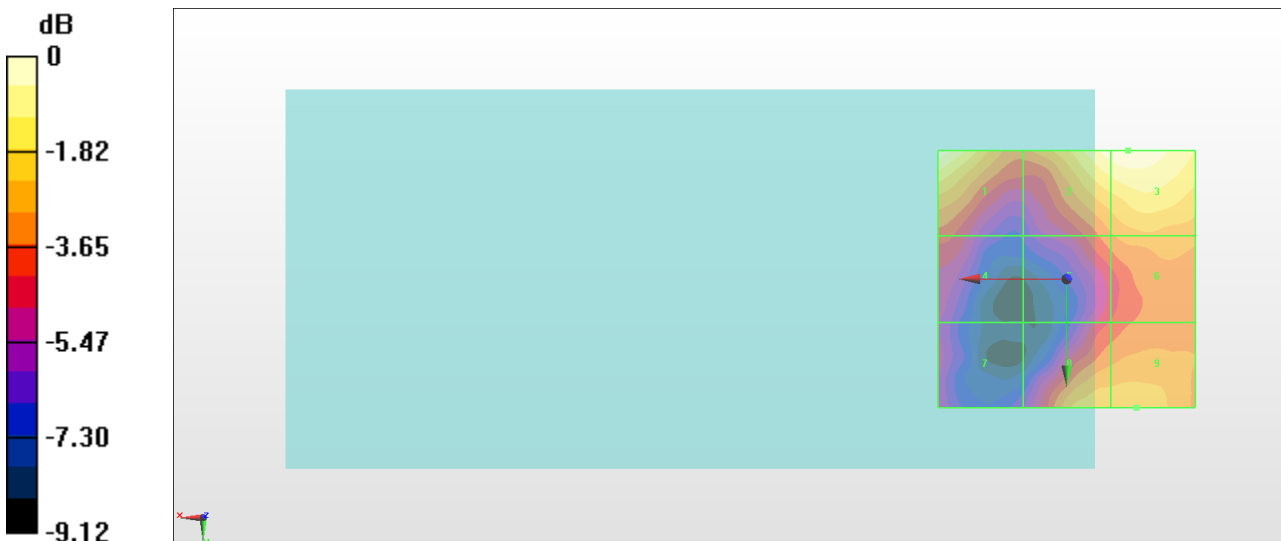
Grid 1 <b>M4</b> <b>20.67 dBV/m</b>	Grid 2 <b>M4</b> <b>20.58 dBV/m</b>	Grid 3 <b>M4</b> <b>20.81 dBV/m</b>
Grid 4 <b>M4</b> <b>16.91 dBV/m</b>	Grid 5 <b>M4</b> <b>17.66 dBV/m</b>	Grid 6 <b>M4</b> <b>18.28 dBV/m</b>
Grid 7 <b>M4</b> <b>15.75 dBV/m</b>	Grid 8 <b>M4</b> <b>18.86 dBV/m</b>	Grid 9 <b>M4</b> <b>18.93 dBV/m</b>

**Cursor:**

Total = 20.81 dBV/m

E Category: M4

Location: -12, -25, 8.7 mm



0 dB = 10.98 V/m = 20.81 dBV/m

## #26\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 9.041 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.68 dBV/m

**Emission category: M4**

MIF scaled E-field

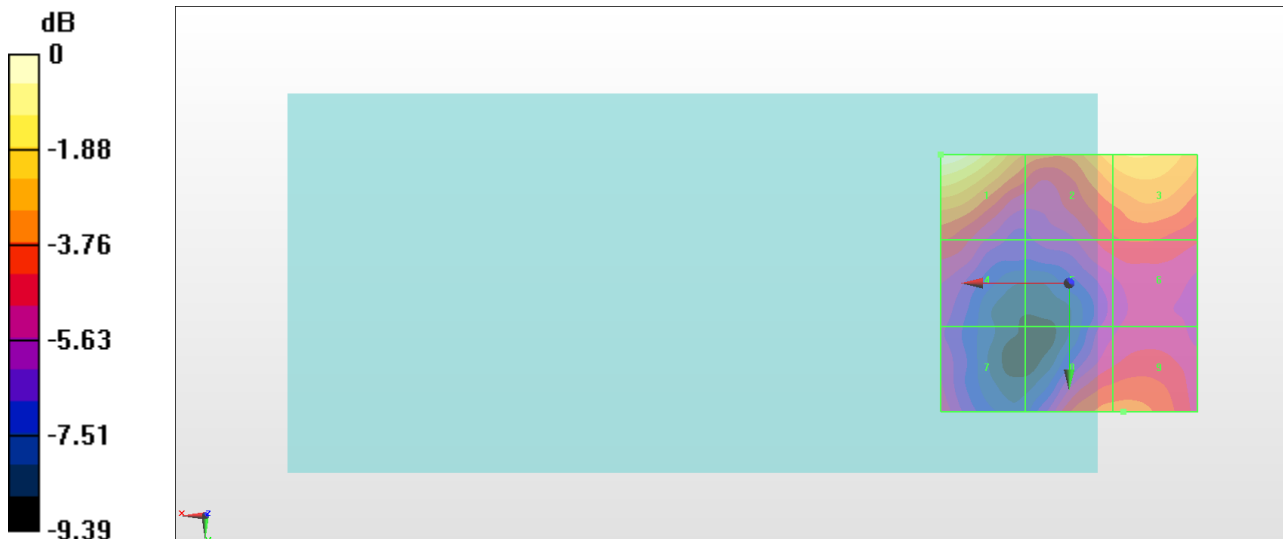
Grid 1 <b>M4</b> <b>22.68 dBV/m</b>	Grid 2 <b>M4</b> <b>20.59 dBV/m</b>	Grid 3 <b>M4</b> <b>20.89 dBV/m</b>
Grid 4 <b>M4</b> <b>18.38 dBV/m</b>	Grid 5 <b>M4</b> <b>18.17 dBV/m</b>	Grid 6 <b>M4</b> <b>18.41 dBV/m</b>
Grid 7 <b>M4</b> <b>17.72 dBV/m</b>	Grid 8 <b>M4</b> <b>19.2 dBV/m</b>	Grid 9 <b>M4</b> <b>19.23 dBV/m</b>

**Cursor:**

Total = 22.68 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 13.61 V/m = 22.68 dBV/m

## #27\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 12.62 V/m; Power Drift = 0.10 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.28 dBV/m

**Emission category: M4**

MIF scaled E-field

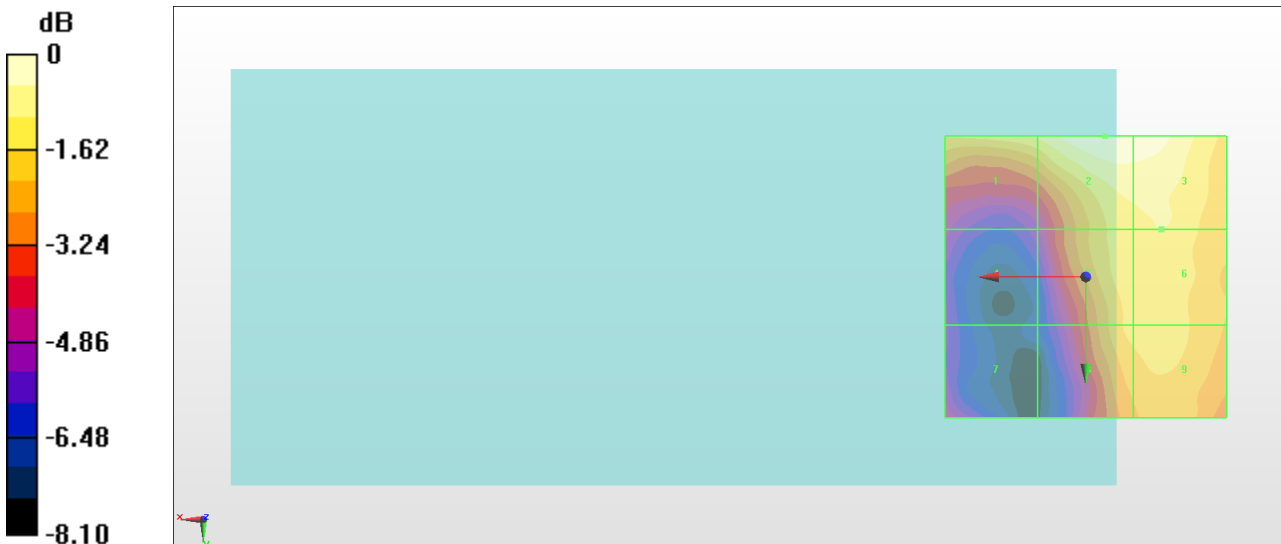
Grid 1 <b>M4</b> <b>20.36 dBV/m</b>	Grid 2 <b>M4</b> <b>21.28 dBV/m</b>	Grid 3 <b>M4</b> <b>21.14 dBV/m</b>
Grid 4 <b>M4</b> <b>16.67 dBV/m</b>	Grid 5 <b>M4</b> <b>20.08 dBV/m</b>	Grid 6 <b>M4</b> <b>20.2 dBV/m</b>
Grid 7 <b>M4</b> <b>16.93 dBV/m</b>	Grid 8 <b>M4</b> <b>19.84 dBV/m</b>	Grid 9 <b>M4</b> <b>20.05 dBV/m</b>

**Cursor:**

Total = 21.28 dBV/m

E Category: M4

Location: -3.5, -25, 8.7 mm



0 dB = 11.58 V/m = 21.27 dBV/m

## #28\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 9.448 V/m; Power Drift = 0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.04 dBV/m

**Emission category: M4**

MIF scaled E-field

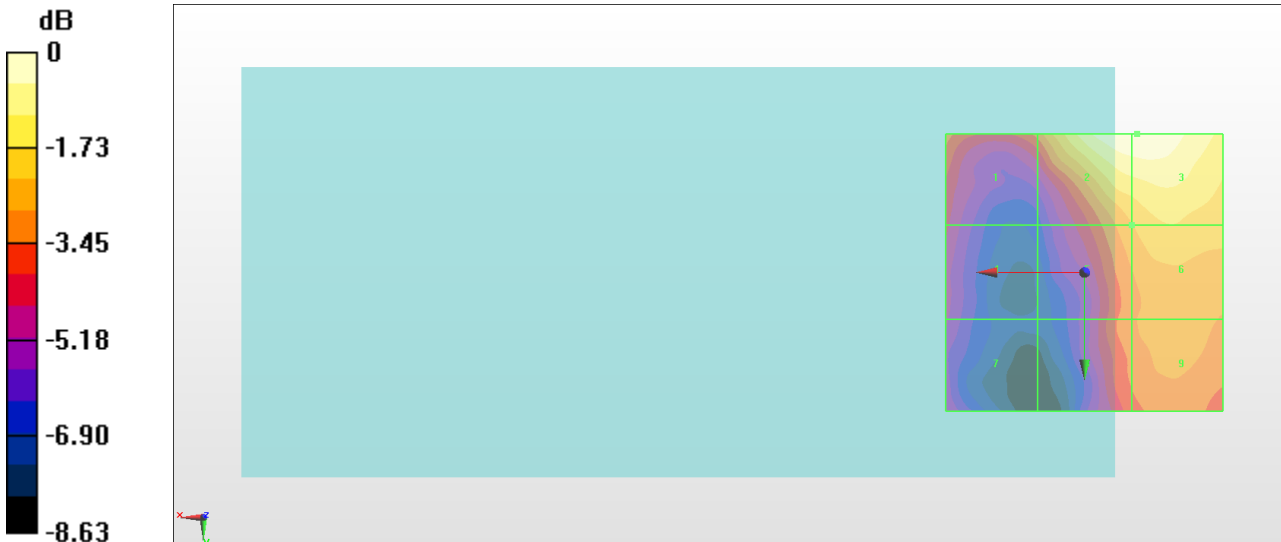
Grid 1 <b>M4</b> <b>18.92 dBV/m</b>	Grid 2 <b>M4</b> <b>22.04 dBV/m</b>	Grid 3 <b>M4</b> <b>22.04 dBV/m</b>
Grid 4 <b>M4</b> <b>17.62 dBV/m</b>	Grid 5 <b>M4</b> <b>19.71 dBV/m</b>	Grid 6 <b>M4</b> <b>20.31 dBV/m</b>
Grid 7 <b>M4</b> <b>17.01 dBV/m</b>	Grid 8 <b>M4</b> <b>19.03 dBV/m</b>	Grid 9 <b>M4</b> <b>19.59 dBV/m</b>

**Cursor:**

Total = 22.04 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 12.65 V/m = 22.04 dBV/m

## #29\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 8.656 V/m; Power Drift = 0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.58 dBV/m

**Emission category: M4**

MIF scaled E-field

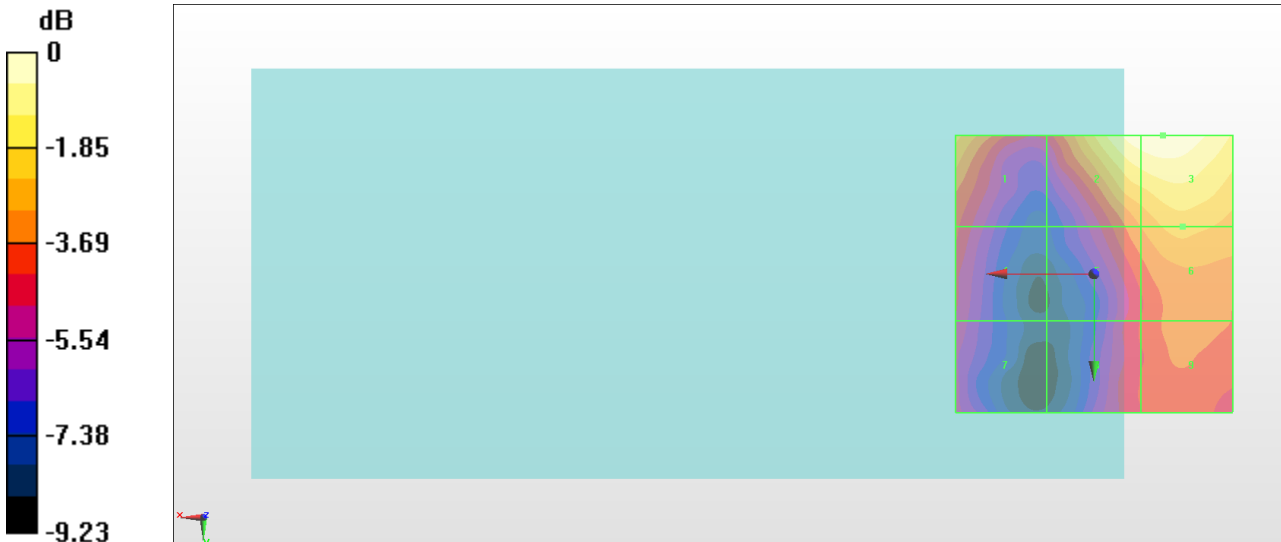
Grid 1 <b>M4</b> <b>20.4 dBV/m</b>	Grid 2 <b>M4</b> <b>22.41 dBV/m</b>	Grid 3 <b>M4</b> <b>22.58 dBV/m</b>
Grid 4 <b>M4</b> <b>18.48 dBV/m</b>	Grid 5 <b>M4</b> <b>19.53 dBV/m</b>	Grid 6 <b>M4</b> <b>20.38 dBV/m</b>
Grid 7 <b>M4</b> <b>17.66 dBV/m</b>	Grid 8 <b>M4</b> <b>18.36 dBV/m</b>	Grid 9 <b>M4</b> <b>19.16 dBV/m</b>

**Cursor:**

Total = 22.58 dBV/m

E Category: M4

Location: -12.5, -25, 8.7 mm



0 dB = 13.46 V/m = 22.58 dBV/m

### #30\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 9.099 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.15 dBV/m

**Emission category: M4**

MIF scaled E-field

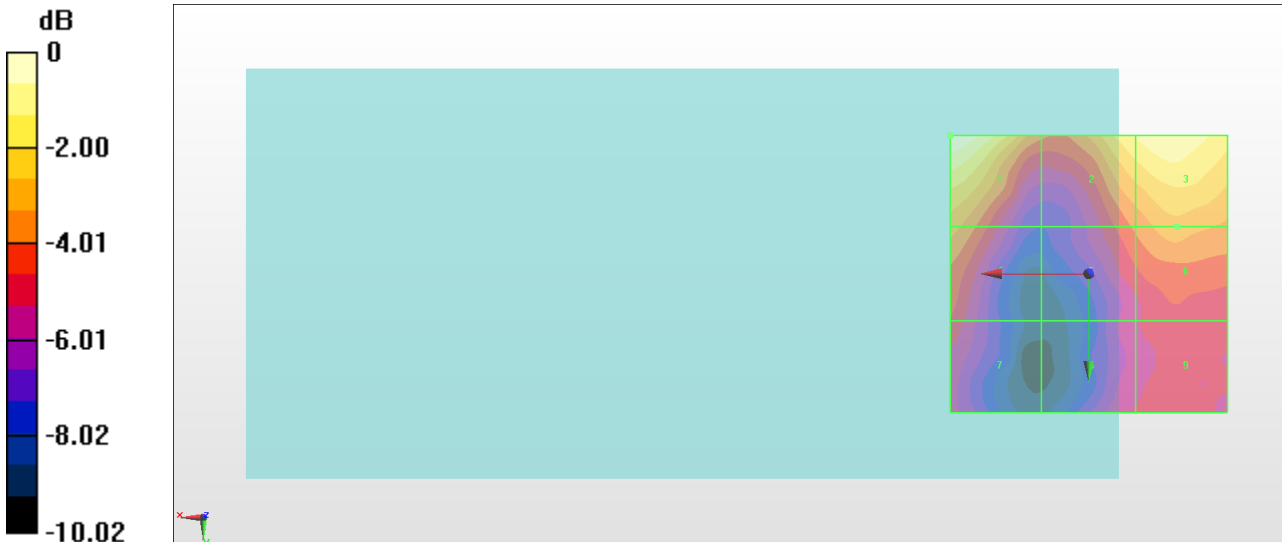
Grid 1 <b>M4</b> <b>22.15 dBV/m</b>	Grid 2 <b>M4</b> <b>20.92 dBV/m</b>	Grid 3 <b>M4</b> <b>21.41 dBV/m</b>
Grid 4 <b>M4</b> <b>19.11 dBV/m</b>	Grid 5 <b>M4</b> <b>18.32 dBV/m</b>	Grid 6 <b>M4</b> <b>19.2 dBV/m</b>
Grid 7 <b>M4</b> <b>17.44 dBV/m</b>	Grid 8 <b>M4</b> <b>16.88 dBV/m</b>	Grid 9 <b>M4</b> <b>17.38 dBV/m</b>

**Cursor:**

Total = 22.15 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 12.81 V/m = 22.15 dBV/m

### #31\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 12.12 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.60 dBV/m

**Emission category: M4**

MIF scaled E-field

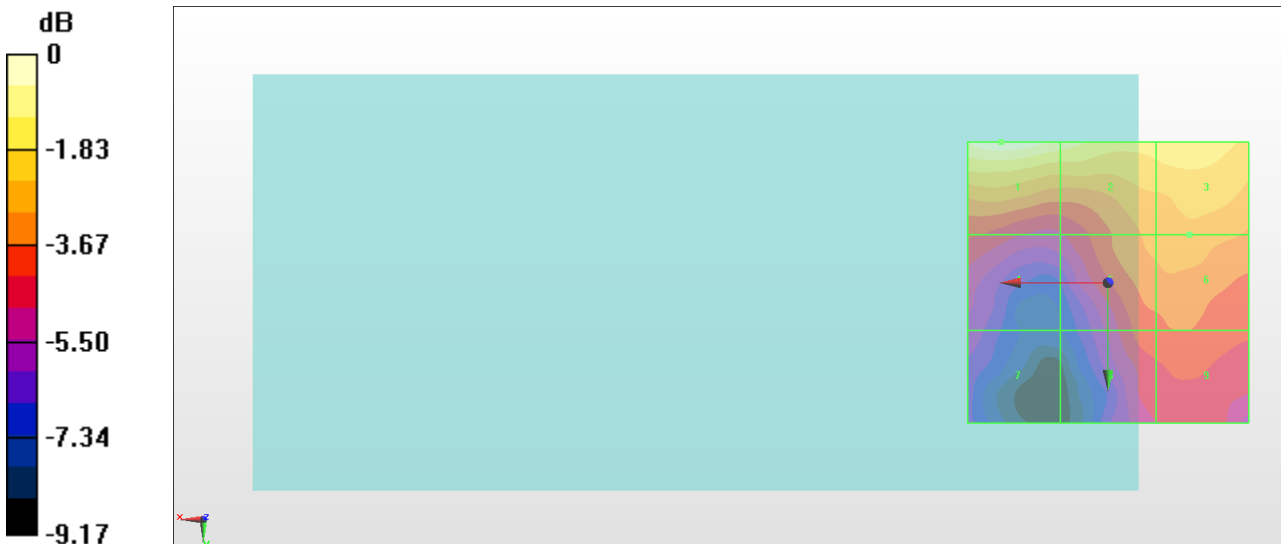
Grid 1 <b>M4</b> <b>22.6 dBV/m</b>	Grid 2 <b>M4</b> <b>21.8 dBV/m</b>	Grid 3 <b>M4</b> <b>21.23 dBV/m</b>
Grid 4 <b>M4</b> <b>18.41 dBV/m</b>	Grid 5 <b>M4</b> <b>19.74 dBV/m</b>	Grid 6 <b>M4</b> <b>19.98 dBV/m</b>
Grid 7 <b>M4</b> <b>17.01 dBV/m</b>	Grid 8 <b>M4</b> <b>18.8 dBV/m</b>	Grid 9 <b>M4</b> <b>18.95 dBV/m</b>

**Cursor:**

Total = 22.60 dBV/m

E Category: M4

Location: 19, -25, 8.7 mm



0 dB = 13.49 V/m = 22.60 dBV/m

### #32\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 12.97 V/m; Power Drift = 0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.46 dBV/m

**Emission category: M4**

MIF scaled E-field

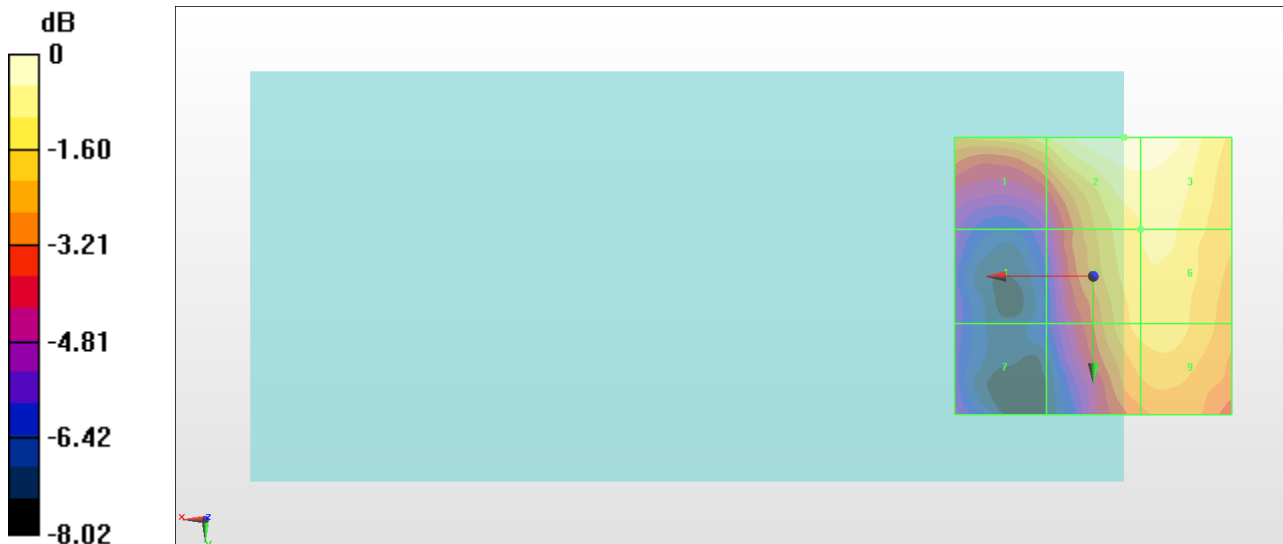
Grid 1 <b>M4</b> <b>20.32 dBV/m</b>	Grid 2 <b>M4</b> <b>21.46 dBV/m</b>	Grid 3 <b>M4</b> <b>21.42 dBV/m</b>
Grid 4 <b>M4</b> <b>16.46 dBV/m</b>	Grid 5 <b>M4</b> <b>20.38 dBV/m</b>	Grid 6 <b>M4</b> <b>20.49 dBV/m</b>
Grid 7 <b>M4</b> <b>16.51 dBV/m</b>	Grid 8 <b>M4</b> <b>20.04 dBV/m</b>	Grid 9 <b>M4</b> <b>20.18 dBV/m</b>

**Cursor:**

Total = 21.46 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 11.84 V/m = 21.47 dBV/m



### #33\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 13.00 V/m; Power Drift = -0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.77 dBV/m

**Emission category: M4**

MIF scaled E-field

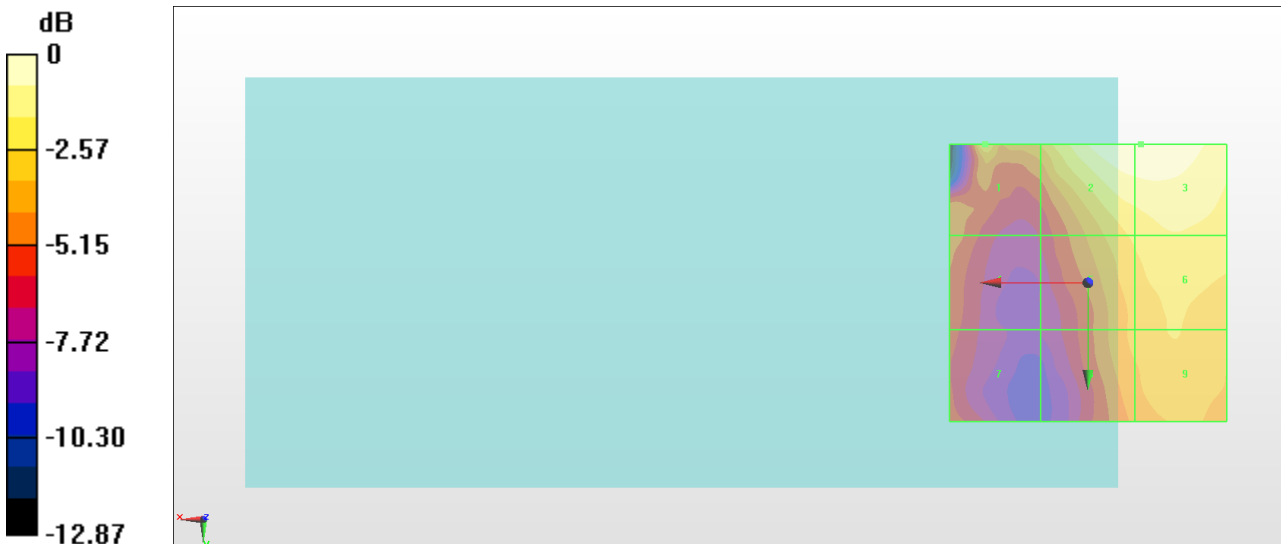
Grid 1 <b>M4</b> <b>20.78 dBV/m</b>	Grid 2 <b>M4</b> <b>22.77 dBV/m</b>	Grid 3 <b>M4</b> <b>22.77 dBV/m</b>
Grid 4 <b>M4</b> <b>18.43 dBV/m</b>	Grid 5 <b>M4</b> <b>20.39 dBV/m</b>	Grid 6 <b>M4</b> <b>21 dBV/m</b>
Grid 7 <b>M4</b> <b>17.32 dBV/m</b>	Grid 8 <b>M4</b> <b>19.62 dBV/m</b>	Grid 9 <b>M4</b> <b>20.24 dBV/m</b>

**Cursor:**

Total = 22.77 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 13.76 V/m = 22.77 dBV/m

### #34\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 9.072 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.28 dBV/m

**Emission category: M4**

MIF scaled E-field

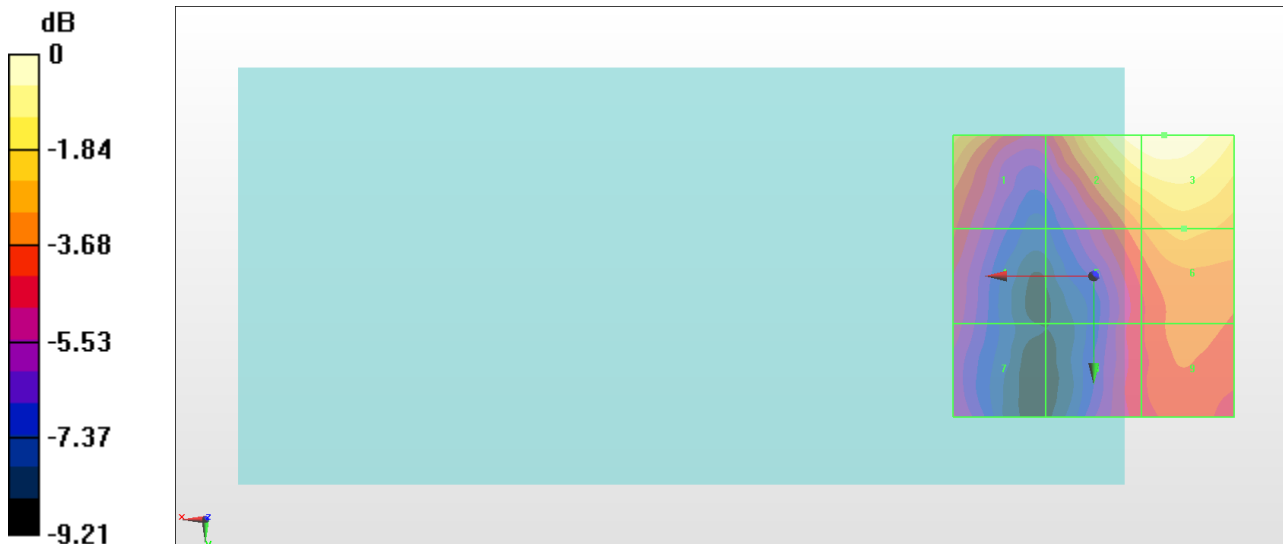
Grid 1 <b>M4</b> <b>21.12 dBV/m</b>	Grid 2 <b>M4</b> <b>23.1 dBV/m</b>	Grid 3 <b>M4</b> <b>23.28 dBV/m</b>
Grid 4 <b>M4</b> <b>19.16 dBV/m</b>	Grid 5 <b>M4</b> <b>20.2 dBV/m</b>	Grid 6 <b>M4</b> <b>21.07 dBV/m</b>
Grid 7 <b>M4</b> <b>18.2 dBV/m</b>	Grid 8 <b>M4</b> <b>18.92 dBV/m</b>	Grid 9 <b>M4</b> <b>19.87 dBV/m</b>

**Cursor:**

Total = 23.28 dBV/m

E Category: M4

Location: -12.5, -25, 8.7 mm



0 dB = 14.59 V/m = 23.28 dBV/m

### #35\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 9.522 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.97 dBV/m

**Emission category: M4**

MIF scaled E-field

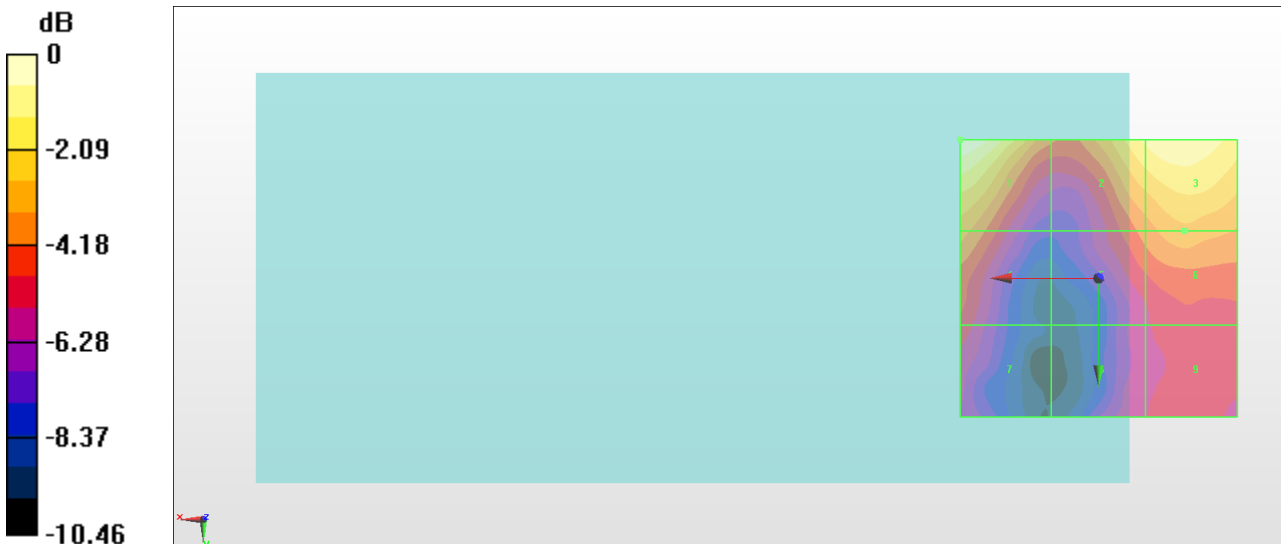
Grid 1 <b>M4</b> <b>22.97 dBV/m</b>	Grid 2 <b>M4</b> <b>21.74 dBV/m</b>	Grid 3 <b>M4</b> <b>22.28 dBV/m</b>
Grid 4 <b>M4</b> <b>19.79 dBV/m</b>	Grid 5 <b>M4</b> <b>19.12 dBV/m</b>	Grid 6 <b>M4</b> <b>19.96 dBV/m</b>
Grid 7 <b>M4</b> <b>17.9 dBV/m</b>	Grid 8 <b>M4</b> <b>17.4 dBV/m</b>	Grid 9 <b>M4</b> <b>17.97 dBV/m</b>

**Cursor:**

Total = 22.97 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 14.07 V/m = 22.97 dBV/m

### #36\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 12.89 V/m; Power Drift = 0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.28 dBV/m

**Emission category: M4**

MIF scaled E-field

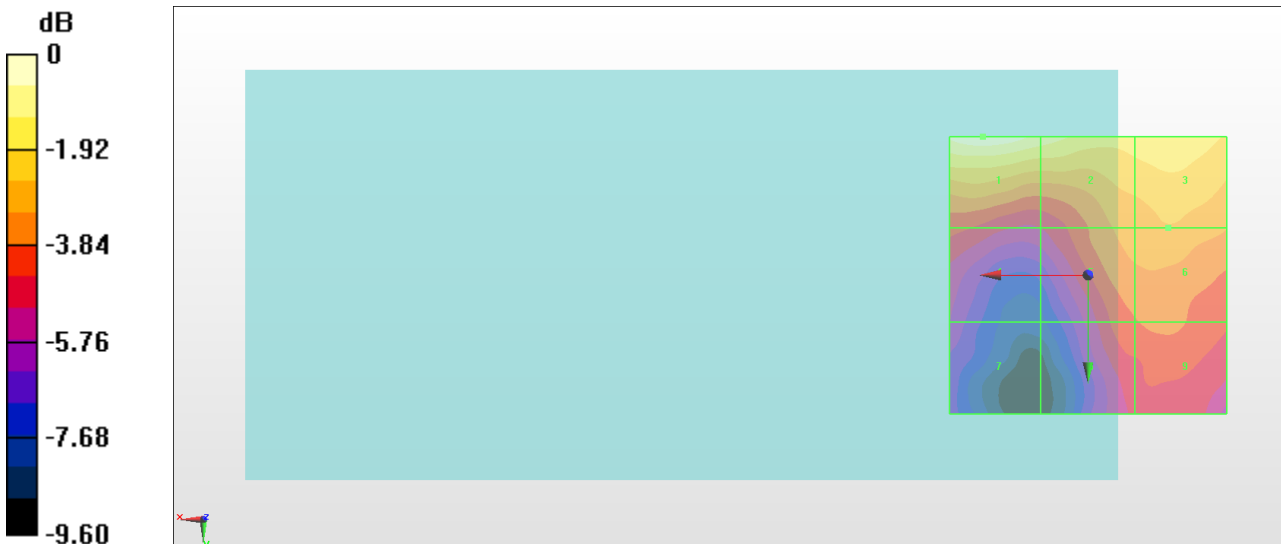
Grid 1 <b>M4</b> <b>23.28 dBV/m</b>	Grid 2 <b>M4</b> <b>22.47 dBV/m</b>	Grid 3 <b>M4</b> <b>21.92 dBV/m</b>
Grid 4 <b>M4</b> <b>19.02 dBV/m</b>	Grid 5 <b>M4</b> <b>20.38 dBV/m</b>	Grid 6 <b>M4</b> <b>20.67 dBV/m</b>
Grid 7 <b>M4</b> <b>17.56 dBV/m</b>	Grid 8 <b>M4</b> <b>19.4 dBV/m</b>	Grid 9 <b>M4</b> <b>19.58 dBV/m</b>

**Cursor:**

Total = 23.28 dBV/m

E Category: M4

Location: 19, -25, 8.7 mm



0 dB = 14.58 V/m = 23.28 dBV/m

### #37\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 16.06 V/m; Power Drift = 0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.48 dBV/m

**Emission category: M4**

MIF scaled E-field

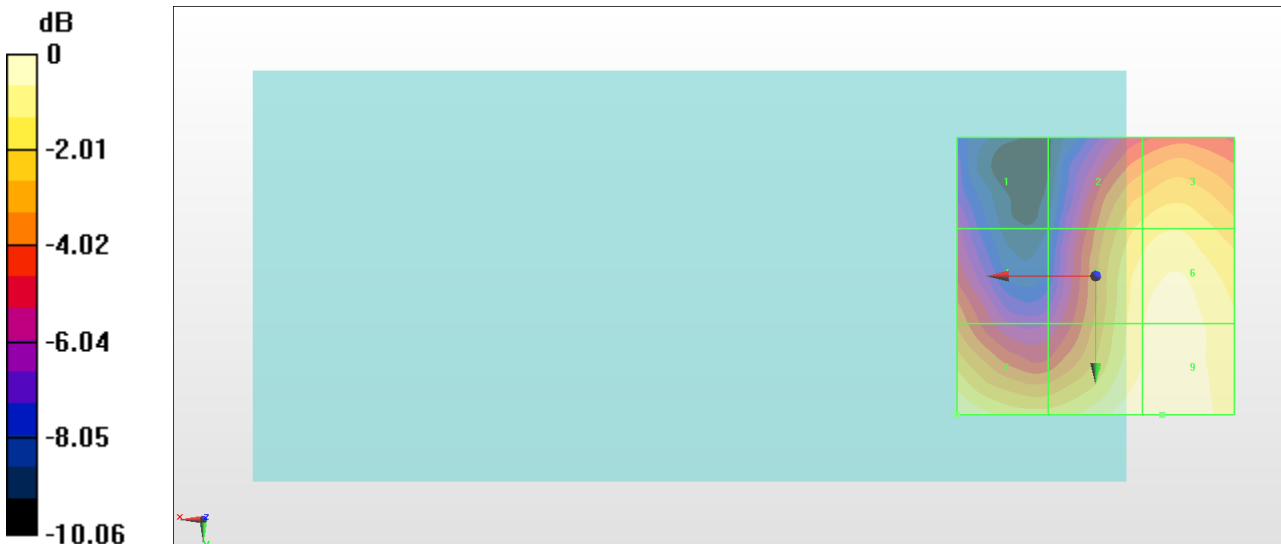
Grid 1 <b>M4</b> <b>18.84 dBV/m</b>	Grid 2 <b>M4</b> <b>22.69 dBV/m</b>	Grid 3 <b>M4</b> <b>23.12 dBV/m</b>
Grid 4 <b>M4</b> <b>21.06 dBV/m</b>	Grid 5 <b>M4</b> <b>23.74 dBV/m</b>	Grid 6 <b>M4</b> <b>24.15 dBV/m</b>
Grid 7 <b>M4</b> <b>23.97 dBV/m</b>	Grid 8 <b>M4</b> <b>24.38 dBV/m</b>	Grid 9 <b>M4</b> <b>24.48 dBV/m</b>

**Cursor:**

Total = 24.48 dBV/m

E Category: M4

Location: -12, 25, 8.7 mm



0 dB = 16.74 V/m = 24.48 dBV/m

### #38\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 16.02 V/m; Power Drift = 0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.87 dBV/m

**Emission category: M4**

MIF scaled E-field

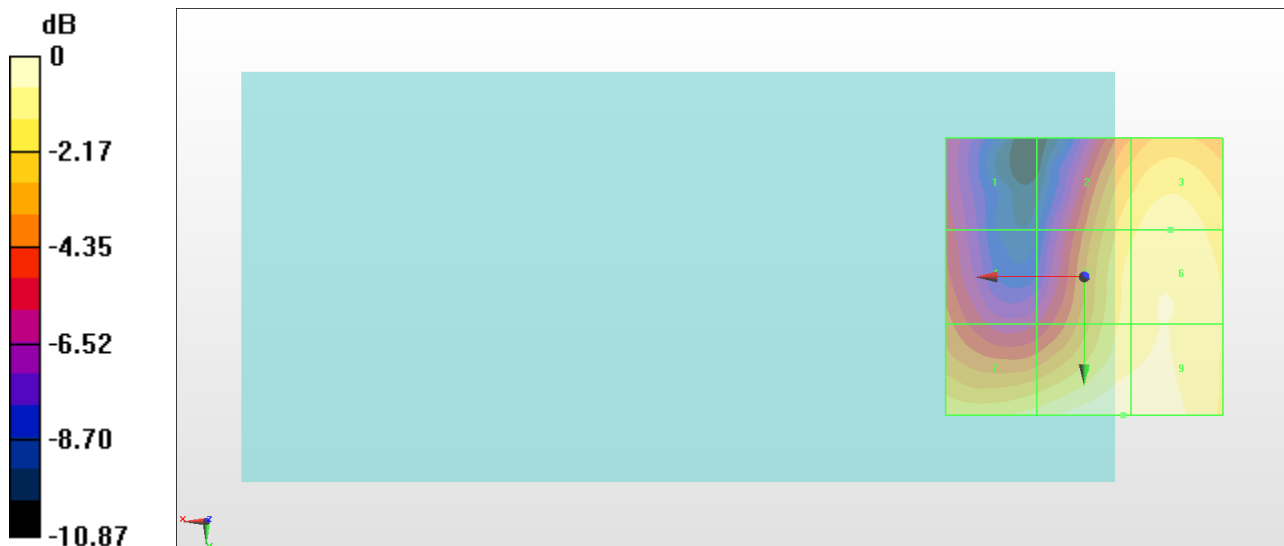
Grid 1 <b>M4</b> <b>19.61 dBV/m</b>	Grid 2 <b>M4</b> <b>23.26 dBV/m</b>	Grid 3 <b>M4</b> <b>23.9 dBV/m</b>
Grid 4 <b>M4</b> <b>20.9 dBV/m</b>	Grid 5 <b>M4</b> <b>23.79 dBV/m</b>	Grid 6 <b>M4</b> <b>24.18 dBV/m</b>
Grid 7 <b>M4</b> <b>23.83 dBV/m</b>	Grid 8 <b>M4</b> <b>24.87 dBV/m</b>	Grid 9 <b>M4</b> <b>24.86 dBV/m</b>

**Cursor:**

Total = 24.87 dBV/m

E Category: M4

Location: -7, 25, 8.7 mm



0 dB = 17.53 V/m = 24.88 dBV/m

### #39\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 14.91 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.51 dBV/m

**Emission category: M4**

MIF scaled E-field

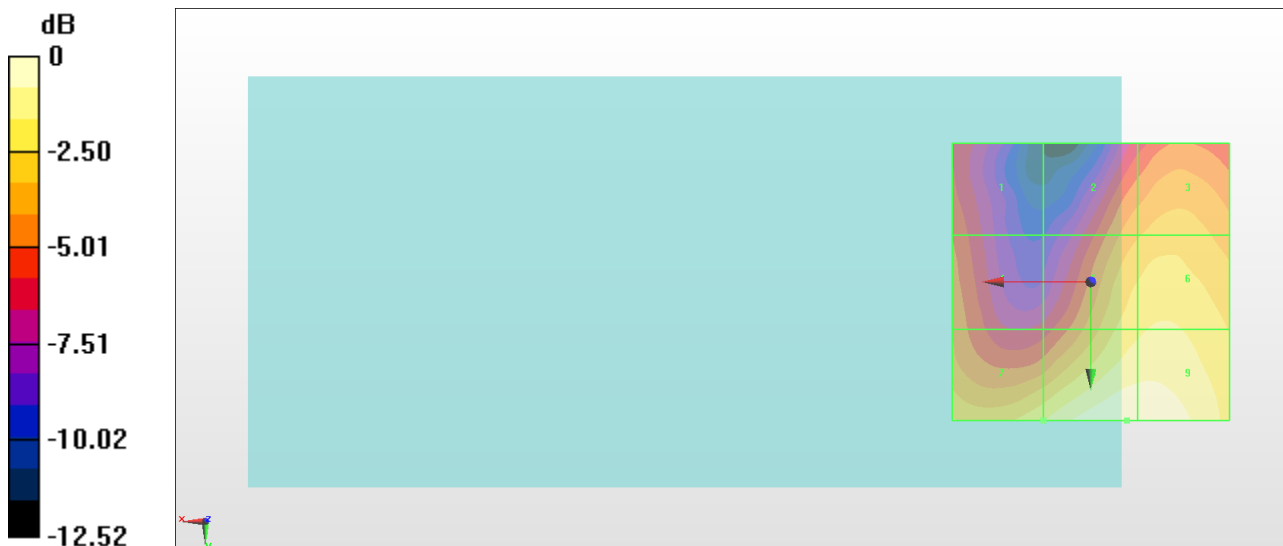
Grid 1 <b>M4</b> <b>20.47 dBV/m</b>	Grid 2 <b>M4</b> <b>22.08 dBV/m</b>	Grid 3 <b>M4</b> <b>22.7 dBV/m</b>
Grid 4 <b>M4</b> <b>21.3 dBV/m</b>	Grid 5 <b>M4</b> <b>23.69 dBV/m</b>	Grid 6 <b>M4</b> <b>23.94 dBV/m</b>
Grid 7 <b>M4</b> <b>23.81 dBV/m</b>	Grid 8 <b>M4</b> <b>25.51 dBV/m</b>	Grid 9 <b>M4</b> <b>25.48 dBV/m</b>

**Cursor:**

Total = 25.51 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



0 dB = 18.86 V/m = 25.51 dBV/m

### #40\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 14.51 V/m; Power Drift = 0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.52 dBV/m

**Emission category: M4**

MIF scaled E-field

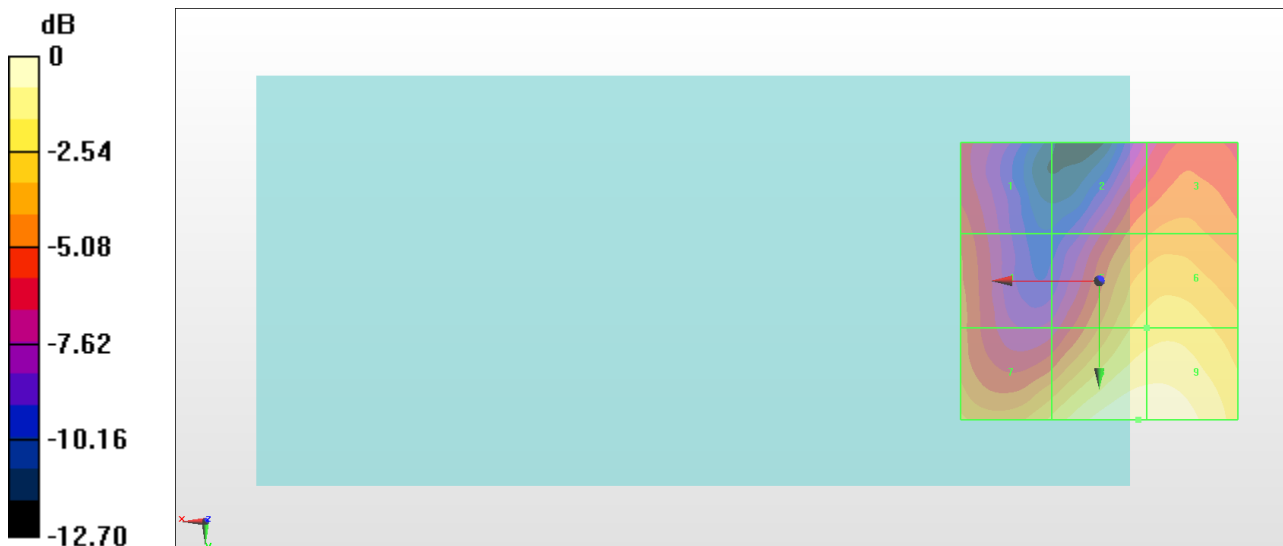
Grid 1 <b>M4</b> <b>20.22 dBV/m</b>	Grid 2 <b>M4</b> <b>21.21 dBV/m</b>	Grid 3 <b>M4</b> <b>21.68 dBV/m</b>
Grid 4 <b>M4</b> <b>20.9 dBV/m</b>	Grid 5 <b>M4</b> <b>23.37 dBV/m</b>	Grid 6 <b>M4</b> <b>23.59 dBV/m</b>
Grid 7 <b>M4</b> <b>23.2 dBV/m</b>	Grid 8 <b>M4</b> <b>25.52 dBV/m</b>	Grid 9 <b>M4</b> <b>25.5 dBV/m</b>

**Cursor:**

Total = 25.52 dBV/m

E Category: M4

Location: -7, 25, 8.7 mm



0 dB = 18.88 V/m = 25.52 dBV/m



### #41\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 14.55 V/m; Power Drift = 0.10 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.17 dBV/m

**Emission category: M4**

MIF scaled E-field

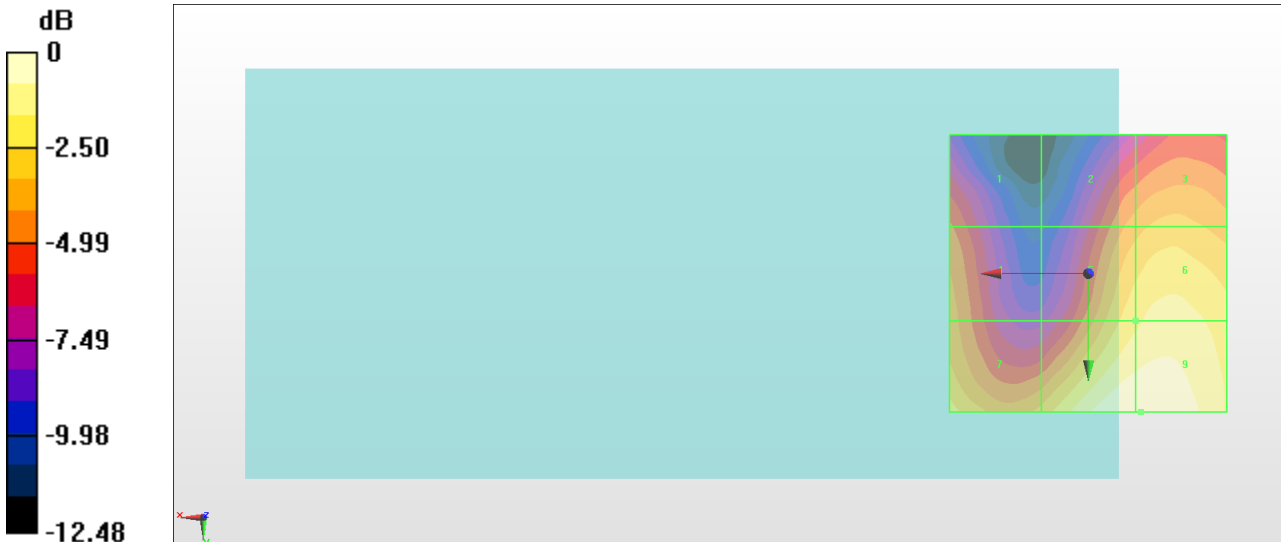
Grid 1 <b>M4</b> <b>21.35 dBV/m</b>	Grid 2 <b>M4</b> <b>22.46 dBV/m</b>	Grid 3 <b>M4</b> <b>23.19 dBV/m</b>
Grid 4 <b>M4</b> <b>22.46 dBV/m</b>	Grid 5 <b>M4</b> <b>24.32 dBV/m</b>	Grid 6 <b>M4</b> <b>24.87 dBV/m</b>
Grid 7 <b>M4</b> <b>24.12 dBV/m</b>	Grid 8 <b>M4</b> <b>26.16 dBV/m</b>	Grid 9 <b>M4</b> <b>26.17 dBV/m</b>

**Cursor:**

Total = 26.17 dBV/m

E Category: M4

Location: -9.5, 25, 8.7 mm



0 dB = 20.34 V/m = 26.17 dBV/m

## #50\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch1

Communication System: 802.11g ; Frequency: 2412 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.3 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 18.91 V/m; Power Drift = -0.06 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.11 dBV/m

**Emission category: M4**

MIF scaled E-field

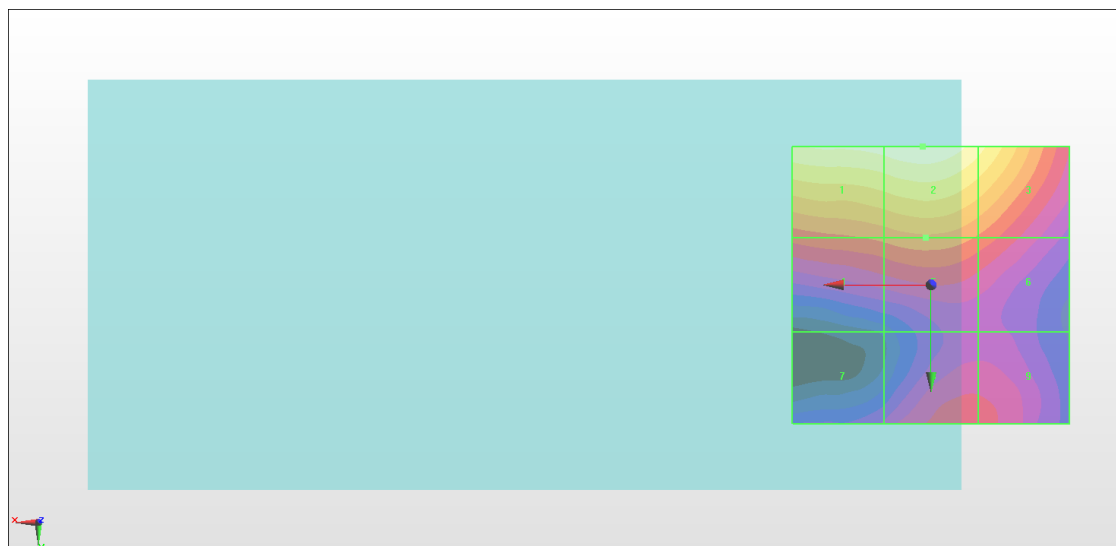
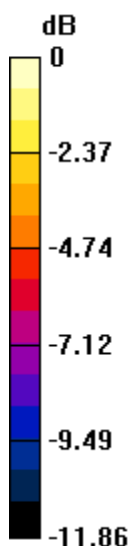
Grid 1 <b>M4</b> <b>28.73 dBV/m</b>	Grid 2 <b>M4</b> <b>29.11 dBV/m</b>	Grid 3 <b>M4</b> <b>27.88 dBV/m</b>
Grid 4 <b>M4</b> <b>24.61 dBV/m</b>	Grid 5 <b>M4</b> <b>25.01 dBV/m</b>	Grid 6 <b>M4</b> <b>24.26 dBV/m</b>
Grid 7 <b>M4</b> <b>21.43 dBV/m</b>	Grid 8 <b>M4</b> <b>23.32 dBV/m</b>	Grid 9 <b>M4</b> <b>23.15 dBV/m</b>

**Cursor:**

Total = 29.11 dBV/m

E Category: M4

Location: 1.5, -25, 7.7 mm



0 dB = 28.55 V/m = 29.11 dBV/m

### #51\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.3 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 19.88 V/m; Power Drift = 0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.03 dBV/m

**Emission category: M4**

MIF scaled E-field

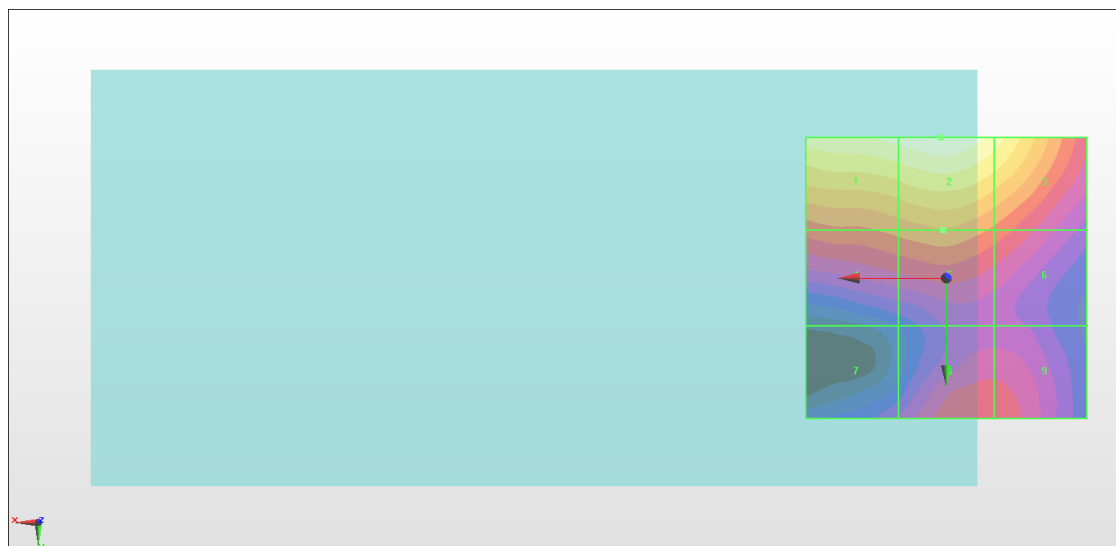
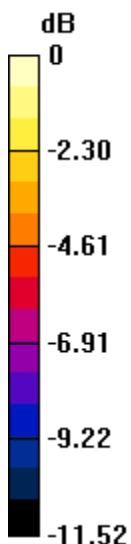
Grid 1 <b>M4</b> <b>28.57 dBV/m</b>	Grid 2 <b>M4</b> <b>29.03 dBV/m</b>	Grid 3 <b>M4</b> <b>27.92 dBV/m</b>
Grid 4 <b>M4</b> <b>24.69 dBV/m</b>	Grid 5 <b>M4</b> <b>25.13 dBV/m</b>	Grid 6 <b>M4</b> <b>24.24 dBV/m</b>
Grid 7 <b>M4</b> <b>21.6 dBV/m</b>	Grid 8 <b>M4</b> <b>23.59 dBV/m</b>	Grid 9 <b>M4</b> <b>23.5 dBV/m</b>

**Cursor:**

Total = 29.03 dBV/m

E Category: M4

Location: 1, -25, 7.7 mm



0 dB = 28.27 V/m = 29.03 dBV/m

## #52\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.3 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 19.57 V/m; Power Drift = 0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.69 dBV/m

**Emission category: M4**

MIF scaled E-field

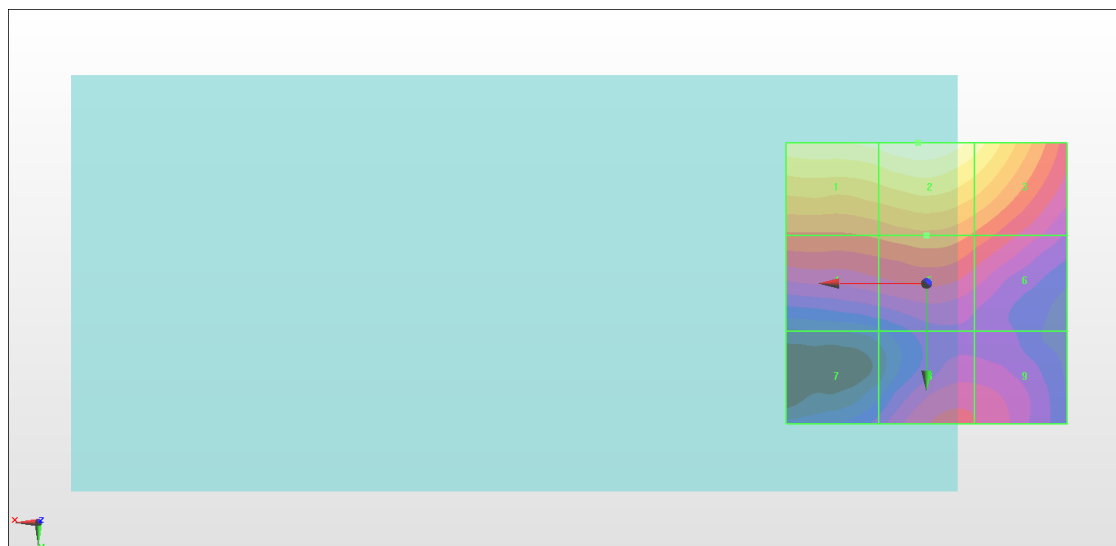
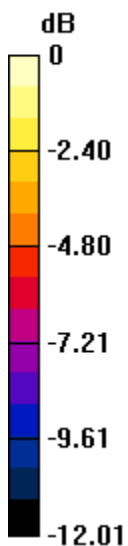
Grid 1 <b>M4</b> <b>28.23 dBV/m</b>	Grid 2 <b>M4</b> <b>28.69 dBV/m</b>	Grid 3 <b>M4</b> <b>27.59 dBV/m</b>
Grid 4 <b>M4</b> <b>24.05 dBV/m</b>	Grid 5 <b>M4</b> <b>24.48 dBV/m</b>	Grid 6 <b>M4</b> <b>23.74 dBV/m</b>
Grid 7 <b>M4</b> <b>20.34 dBV/m</b>	Grid 8 <b>M4</b> <b>22.51 dBV/m</b>	Grid 9 <b>M4</b> <b>22.37 dBV/m</b>

**Cursor:**

Total = 28.69 dBV/m

E Category: M4

Location: 1.5, -25, 7.7 mm



0 dB = 27.21 V/m = 28.69 dBV/m