

## #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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 62.93 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.95 dBV/m

**Emission category: M4**

MIF scaled E-field

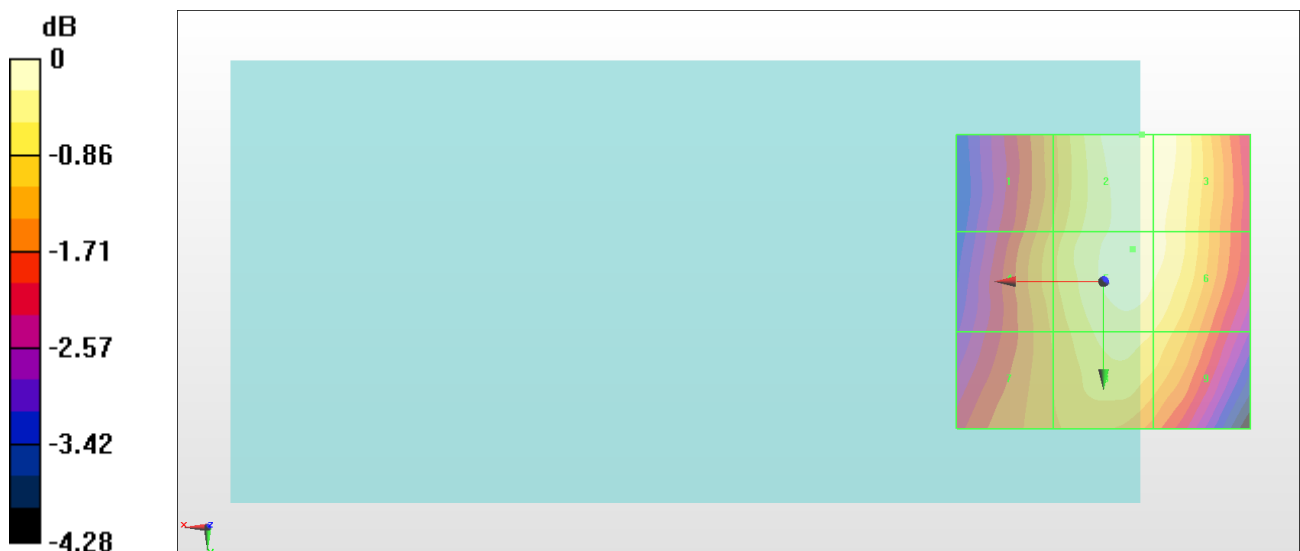
Grid 1 <b>M4</b> <b>36.89 dBV/m</b>	Grid 2 <b>M4</b> <b>37.95 dBV/m</b>	Grid 3 <b>M4</b> <b>37.93 dBV/m</b>
Grid 4 <b>M4</b> <b>37.05 dBV/m</b>	Grid 5 <b>M4</b> <b>37.85 dBV/m</b>	Grid 6 <b>M4</b> <b>37.79 dBV/m</b>
Grid 7 <b>M4</b> <b>36.87 dBV/m</b>	Grid 8 <b>M4</b> <b>37.53 dBV/m</b>	Grid 9 <b>M4</b> <b>37.38 dBV/m</b>

**Cursor:**

Total = 37.95 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



0 dB = 79.01 V/m = 37.95 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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 66.44 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.22 dBV/m

**Emission category: M4**

MIF scaled E-field

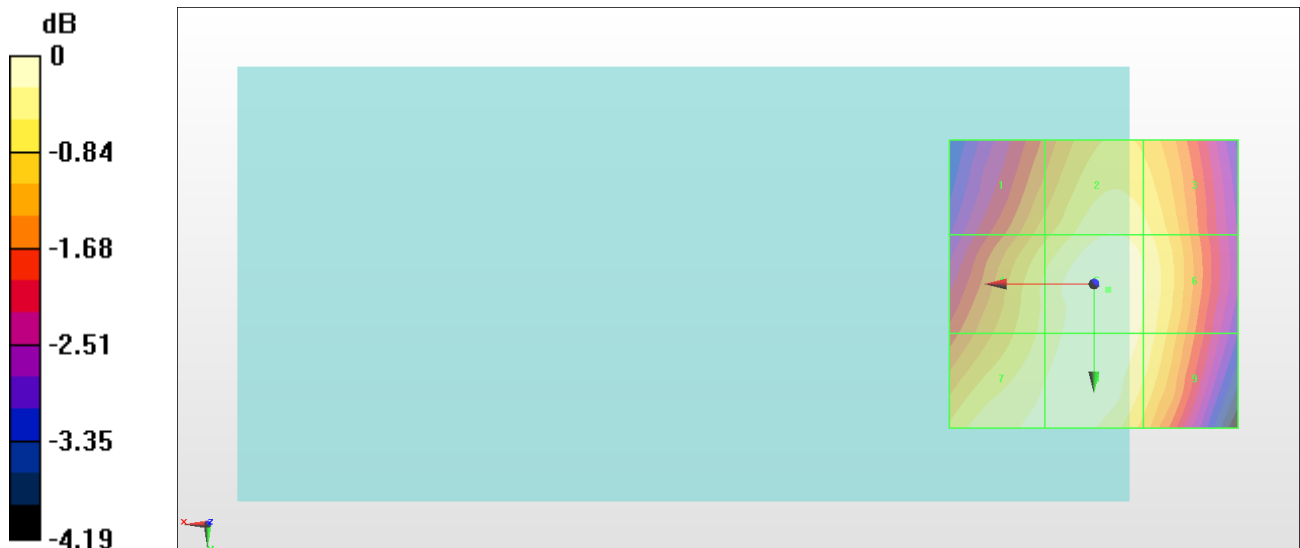
Grid 1 <b>M4</b> <b>37.31 dBV/m</b>	Grid 2 <b>M4</b> <b>37.96 dBV/m</b>	Grid 3 <b>M4</b> <b>37.79 dBV/m</b>
Grid 4 <b>M4</b> <b>37.76 dBV/m</b>	Grid 5 <b>M4</b> <b>38.22 dBV/m</b>	Grid 6 <b>M4</b> <b>37.98 dBV/m</b>
Grid 7 <b>M4</b> <b>38.02 dBV/m</b>	Grid 8 <b>M4</b> <b>38.17 dBV/m</b>	Grid 9 <b>M4</b> <b>37.89 dBV/m</b>

**Cursor:**

Total = 38.22 dBV/m

E Category: M4

Location: -2.5, 1, 8.7 mm



0 dB = 81.45 V/m = 38.22 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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 73.32 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.00 dBV/m

**Emission category: M4**

MIF scaled E-field

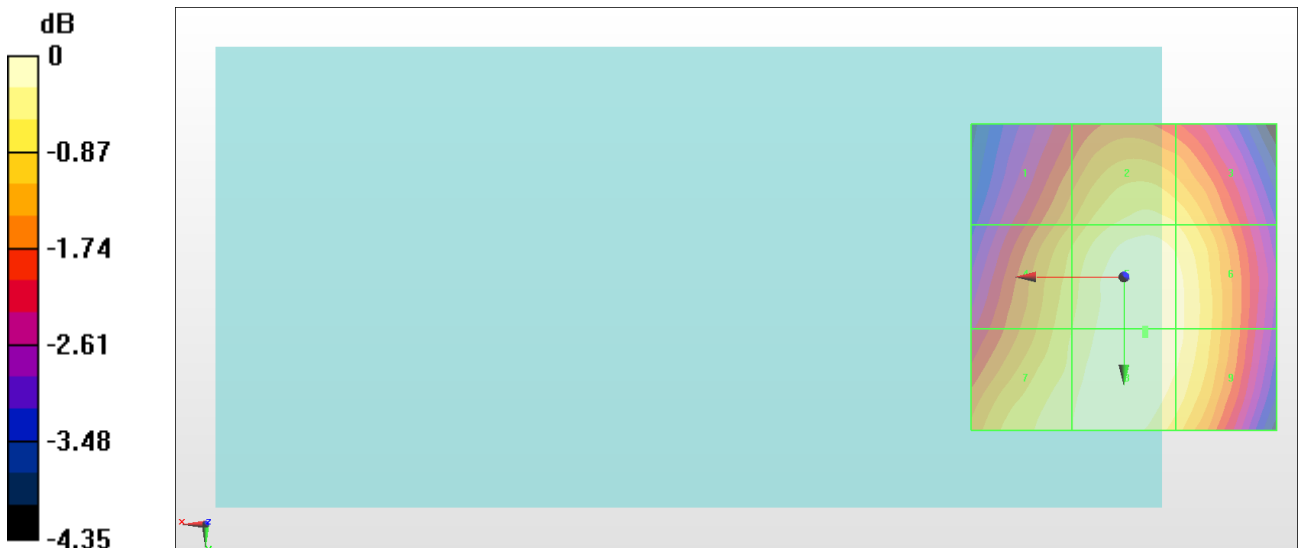
Grid 1 <b>M4</b> <b>37.87 dBV/m</b>	Grid 2 <b>M4</b> <b>38.59 dBV/m</b>	Grid 3 <b>M4</b> <b>38.45 dBV/m</b>
Grid 4 <b>M4</b> <b>38.42 dBV/m</b>	Grid 5 <b>M4</b> <b>39 dBV/m</b>	Grid 6 <b>M4</b> <b>38.83 dBV/m</b>
Grid 7 <b>M4</b> <b>38.71 dBV/m</b>	Grid 8 <b>M4</b> <b>39 dBV/m</b>	Grid 9 <b>M4</b> <b>38.82 dBV/m</b>

**Cursor:**

Total = 39.00 dBV/m

E Category: M4

Location: -3.5, 9.5, 8.7 mm



0 dB = 89.16 V/m = 39.00 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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 29.37 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.30 dBV/m

**Emission category: M3**

MIF scaled E-field

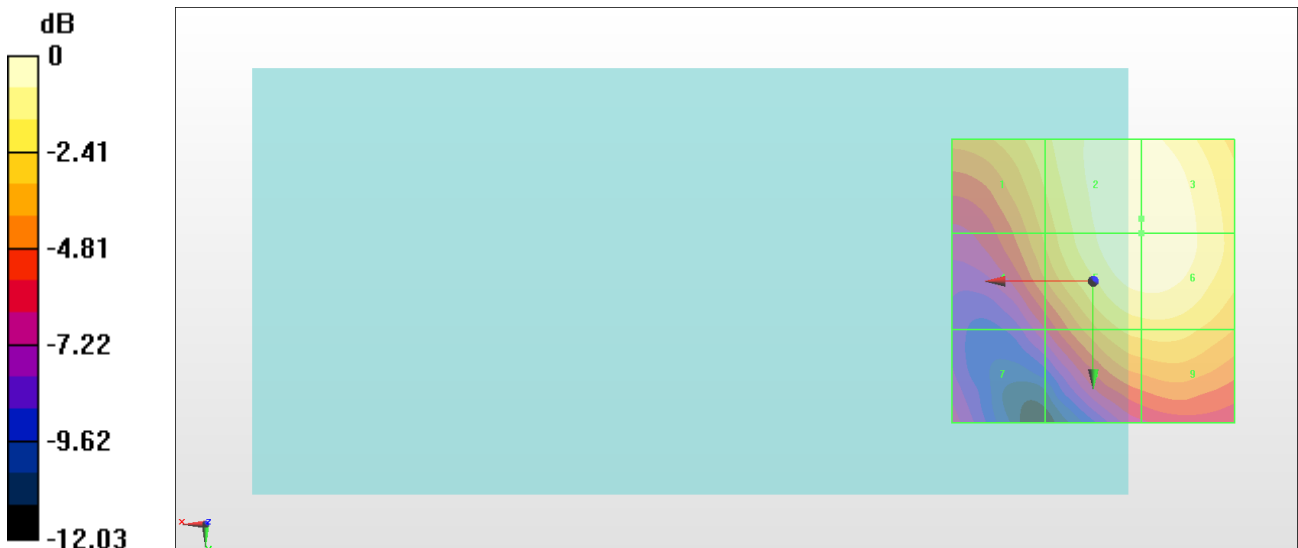
Grid 1 <b>M3</b> <b>30.49 dBV/m</b>	Grid 2 <b>M3</b> <b>32.3 dBV/m</b>	Grid 3 <b>M3</b> <b>32.3 dBV/m</b>
Grid 4 <b>M4</b> <b>29.3 dBV/m</b>	Grid 5 <b>M3</b> <b>32.28 dBV/m</b>	Grid 6 <b>M3</b> <b>32.28 dBV/m</b>
Grid 7 <b>M4</b> <b>25.87 dBV/m</b>	Grid 8 <b>M3</b> <b>30.26 dBV/m</b>	Grid 9 <b>M3</b> <b>30.36 dBV/m</b>

**Cursor:**

Total = 32.30 dBV/m

E Category: M3

Location: -8.5, -11, 8.7 mm



0 dB = 41.22 V/m = 32.30 dBV/m

## #05\_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 : 23.8 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 29.02 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.23 dBV/m

**Emission category: M3**

MIF scaled E-field

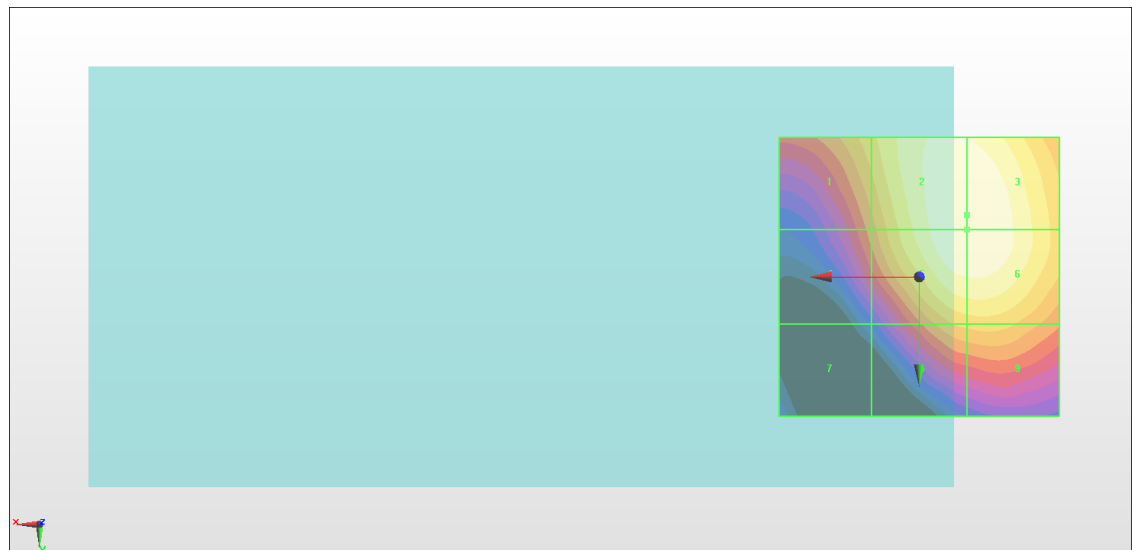
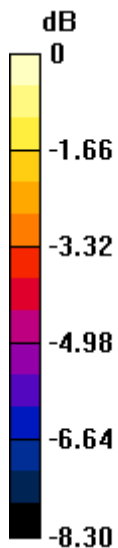
Grid 1 <b>M3</b> <b>30.36 dBV/m</b>	Grid 2 <b>M3</b> <b>32.23 dBV/m</b>	Grid 3 <b>M3</b> <b>32.23 dBV/m</b>
Grid 4 <b>M4</b> <b>29.25 dBV/m</b>	Grid 5 <b>M3</b> <b>32.21 dBV/m</b>	Grid 6 <b>M3</b> <b>32.19 dBV/m</b>
Grid 7 <b>M4</b> <b>25.64 dBV/m</b>	Grid 8 <b>M3</b> <b>30.22 dBV/m</b>	Grid 9 <b>M3</b> <b>30.33 dBV/m</b>

**Cursor:**

Total = 32.23 dBV/m

E Category: M3

Location: -8.5, -11, 8.7 mm



0 dB = 40.89 V/m = 32.23 dBV/m

## #06\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 24.56 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.94 dBV/m

**Emission category: M3**

MIF scaled E-field

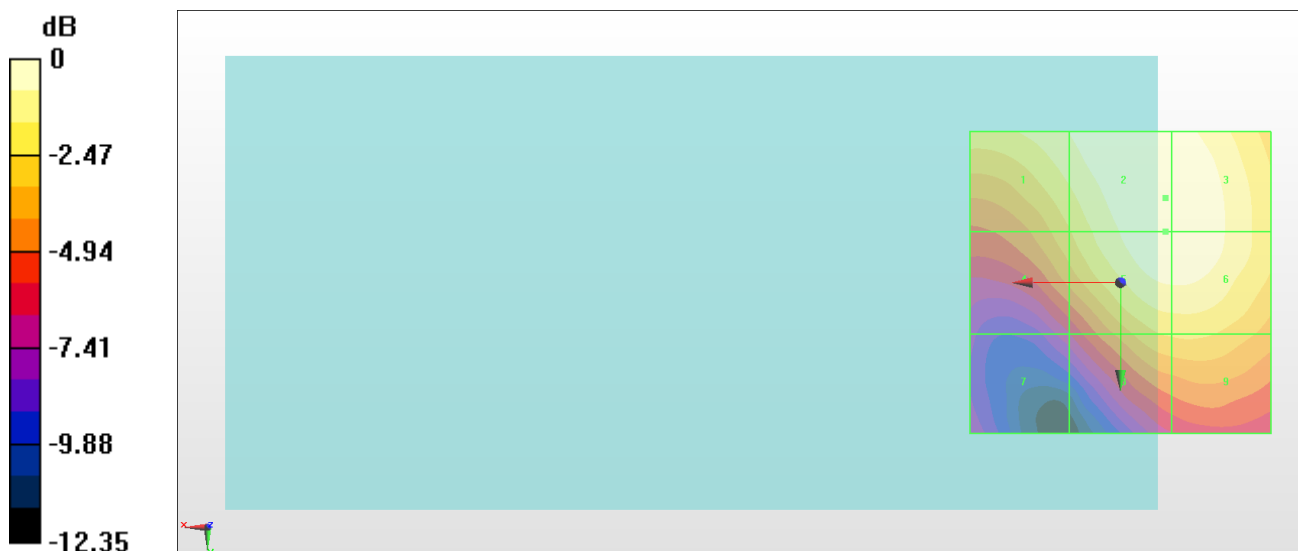
Grid 1 <b>M3</b> <b>30.14 dBV/m</b>	Grid 2 <b>M3</b> <b>30.94 dBV/m</b>	Grid 3 <b>M3</b> <b>30.92 dBV/m</b>
Grid 4 <b>M4</b> <b>28.41 dBV/m</b>	Grid 5 <b>M3</b> <b>30.86 dBV/m</b>	Grid 6 <b>M3</b> <b>30.85 dBV/m</b>
Grid 7 <b>M4</b> <b>24.32 dBV/m</b>	Grid 8 <b>M4</b> <b>28.59 dBV/m</b>	Grid 9 <b>M4</b> <b>28.66 dBV/m</b>

**Cursor:**

Total = 30.94 dBV/m

E Category: M3

Location: -7.5, -14, 8.7 mm



0 dB = 35.22 V/m = 30.94 dBV/m

## #07\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 17.00 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.84 dBV/m

**Emission category: M4**

MIF scaled E-field

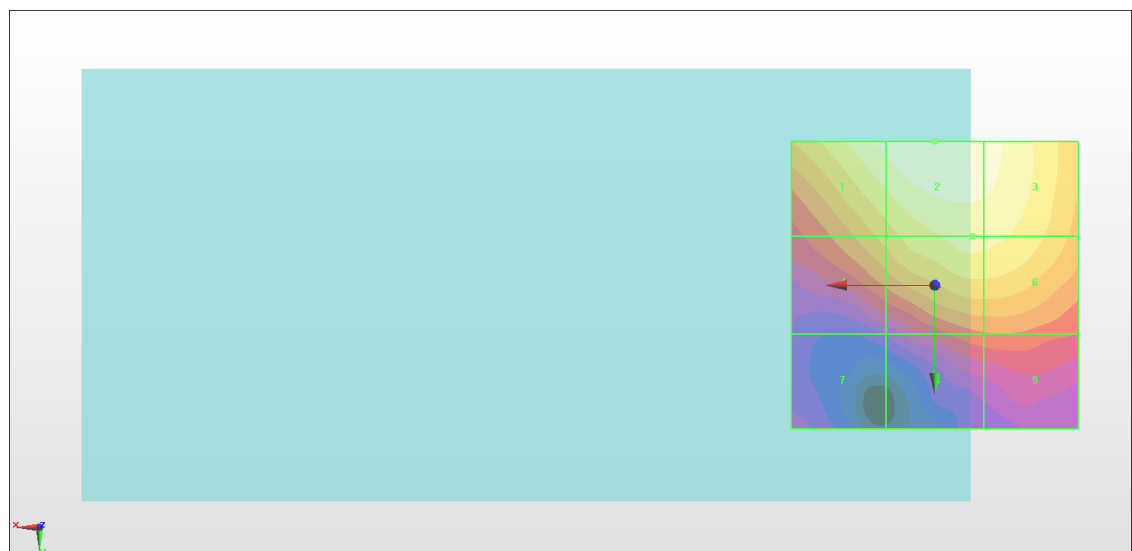
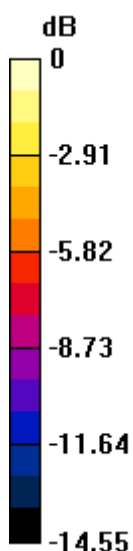
Grid 1 <b>M4</b> <b>29.19 dBV/m</b>	Grid 2 <b>M4</b> <b>29.84 dBV/m</b>	Grid 3 <b>M4</b> <b>29.3 dBV/m</b>
Grid 4 <b>M4</b> <b>26.39 dBV/m</b>	Grid 5 <b>M4</b> <b>28.24 dBV/m</b>	Grid 6 <b>M4</b> <b>28.19 dBV/m</b>
Grid 7 <b>M4</b> <b>20.78 dBV/m</b>	Grid 8 <b>M4</b> <b>23.91 dBV/m</b>	Grid 9 <b>M4</b> <b>24.02 dBV/m</b>

**Cursor:**

Total = 29.84 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 31.04 V/m = 29.84 dBV/m

### #08\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 26.77 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.34 dBV/m

**Emission category: M4**

MIF scaled E-field

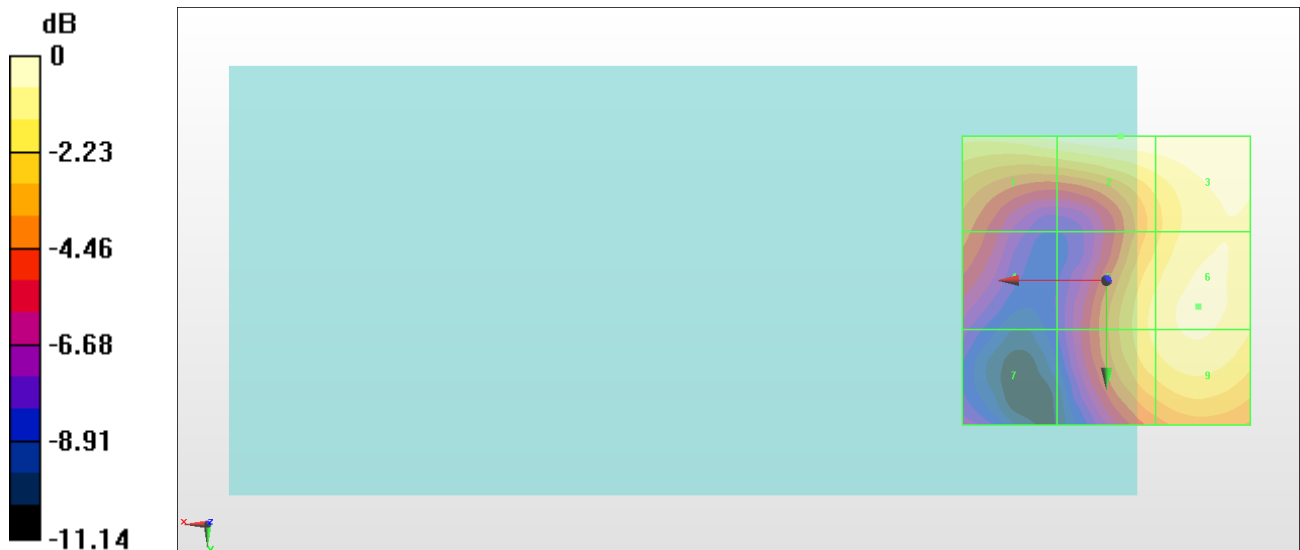
<b>Grid 1 M4</b> <b>28.91 dBV/m</b>	<b>Grid 2 M4</b> <b>29.34 dBV/m</b>	<b>Grid 3 M4</b> <b>29.31 dBV/m</b>
<b>Grid 4 M4</b> <b>25.22 dBV/m</b>	<b>Grid 5 M4</b> <b>28.09 dBV/m</b>	<b>Grid 6 M4</b> <b>28.81 dBV/m</b>
<b>Grid 7 M4</b> <b>22.57 dBV/m</b>	<b>Grid 8 M4</b> <b>28.07 dBV/m</b>	<b>Grid 9 M4</b> <b>28.7 dBV/m</b>

**Cursor:**

Total = 29.34 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 29.29 V/m = 29.33 dBV/m



### #09\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 24.52 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 28.68 dBV/m

**Emission category: M4**

MIF scaled E-field

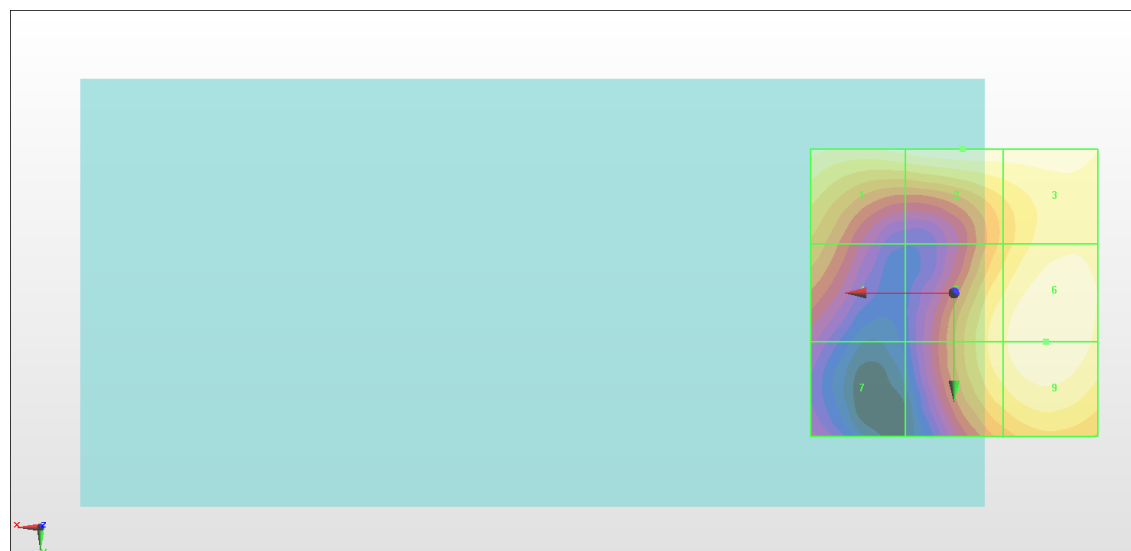
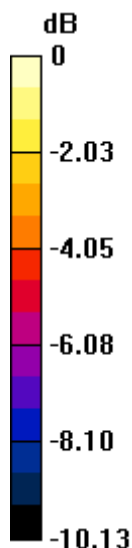
Grid 1 <b>M4</b> <b>28.3 dBV/m</b>	Grid 2 <b>M4</b> <b>28.68 dBV/m</b>	Grid 3 <b>M4</b> <b>28.54 dBV/m</b>
Grid 4 <b>M4</b> <b>25.87 dBV/m</b>	Grid 5 <b>M4</b> <b>27.88 dBV/m</b>	Grid 6 <b>M4</b> <b>28.6 dBV/m</b>
Grid 7 <b>M4</b> <b>23 dBV/m</b>	Grid 8 <b>M4</b> <b>27.87 dBV/m</b>	Grid 9 <b>M4</b> <b>28.58 dBV/m</b>

**Cursor:**

Total = 28.68 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 27.15 V/m = 28.68 dBV/m

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

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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 23.65 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.06 dBV/m

**Emission category: M4**

MIF scaled E-field

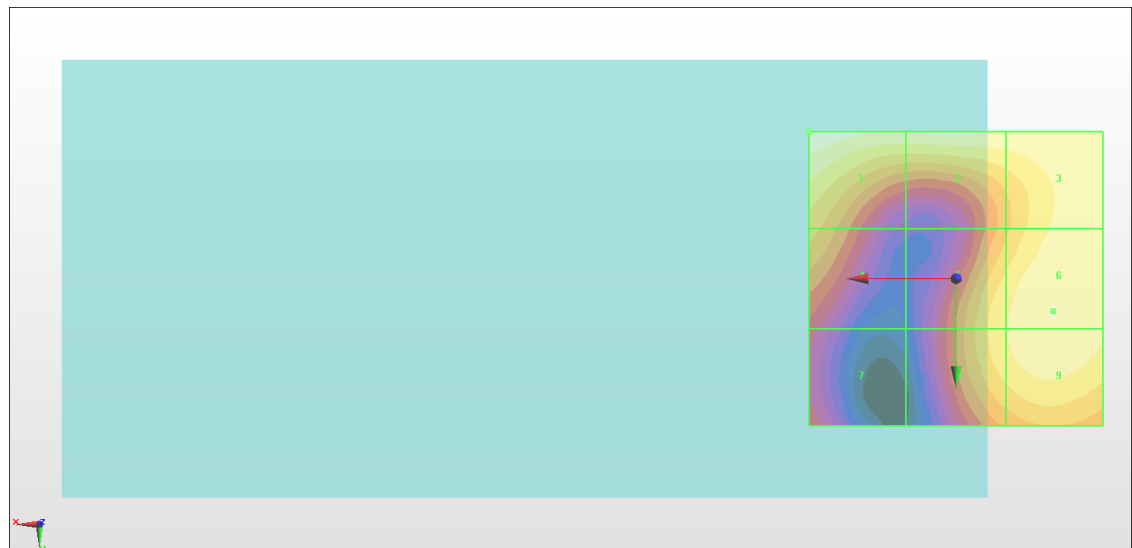
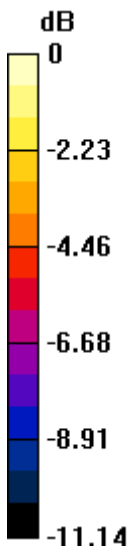
Grid 1 <b>M4</b> <b>29.06 dBV/m</b>	Grid 2 <b>M4</b> <b>28.5 dBV/m</b>	Grid 3 <b>M4</b> <b>28.29 dBV/m</b>
Grid 4 <b>M4</b> <b>26.4 dBV/m</b>	Grid 5 <b>M4</b> <b>27.55 dBV/m</b>	Grid 6 <b>M4</b> <b>28.33 dBV/m</b>
Grid 7 <b>M4</b> <b>23.84 dBV/m</b>	Grid 8 <b>M4</b> <b>27.55 dBV/m</b>	Grid 9 <b>M4</b> <b>28.3 dBV/m</b>

**Cursor:**

Total = 29.06 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 28.37 V/m = 29.06 dBV/m

### #11\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 28.07 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.11 dBV/m

**Emission category: M4**

MIF scaled E-field

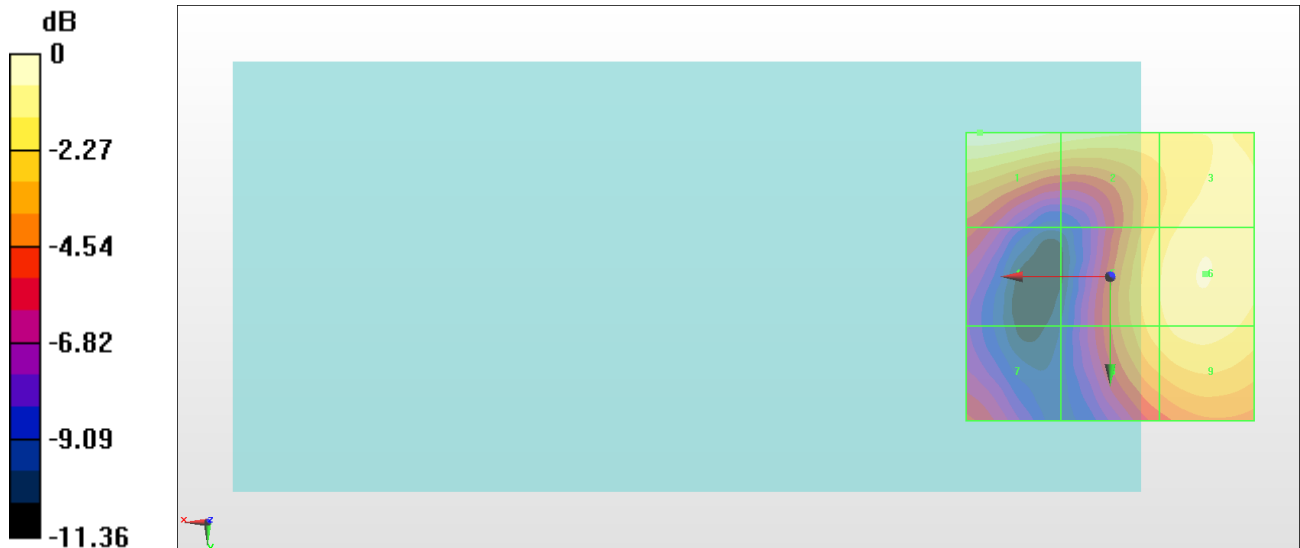
<b>Grid 1 M4</b> <b>29.11 dBV/m</b>	<b>Grid 2 M4</b> <b>28.33 dBV/m</b>	<b>Grid 3 M4</b> <b>28.11 dBV/m</b>
<b>Grid 4 M4</b> <b>24.25 dBV/m</b>	<b>Grid 5 M4</b> <b>27.6 dBV/m</b>	<b>Grid 6 M4</b> <b>28.39 dBV/m</b>
<b>Grid 7 M4</b> <b>24.08 dBV/m</b>	<b>Grid 8 M4</b> <b>27.33 dBV/m</b>	<b>Grid 9 M4</b> <b>27.97 dBV/m</b>

**Cursor:**

Total = 29.11 dBV/m

E Category: M4

Location: 22.5, -25, 8.7 mm



0 dB = 28.54 V/m = 29.11 dBV/m

## #12\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 26.74 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 28.73 dBV/m

**Emission category: M4**

MIF scaled E-field

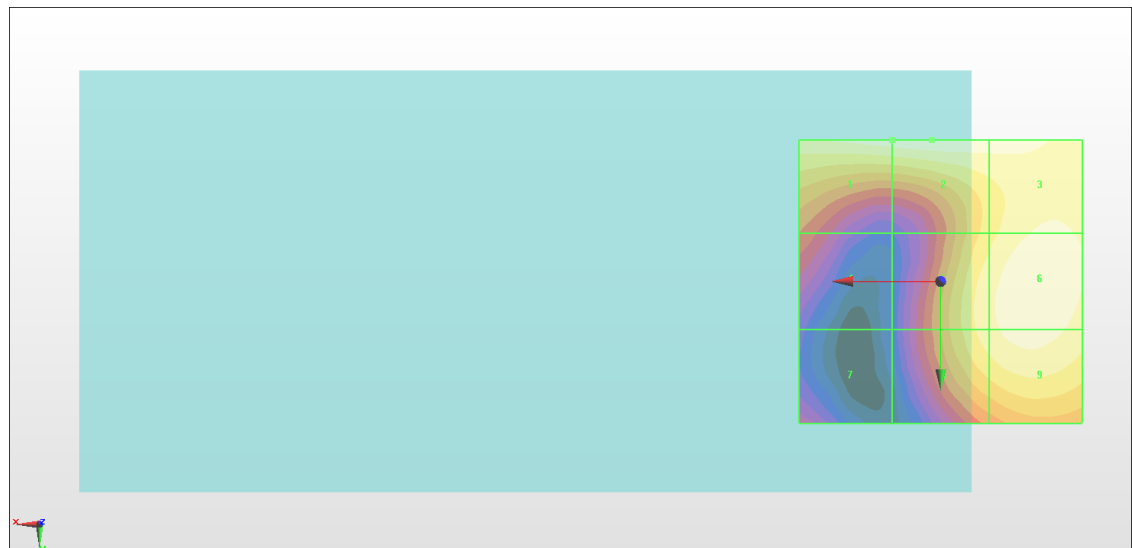
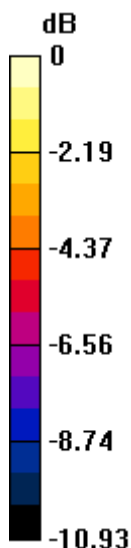
Grid 1 <b>M4</b> <b>28.52 dBV/m</b>	Grid 2 <b>M4</b> <b>28.73 dBV/m</b>	Grid 3 <b>M4</b> <b>28.49 dBV/m</b>
Grid 4 <b>M4</b> <b>24.37 dBV/m</b>	Grid 5 <b>M4</b> <b>27.82 dBV/m</b>	Grid 6 <b>M4</b> <b>28.53 dBV/m</b>
Grid 7 <b>M4</b> <b>22.74 dBV/m</b>	Grid 8 <b>M4</b> <b>27.71 dBV/m</b>	Grid 9 <b>M4</b> <b>28.33 dBV/m</b>

**Cursor:**

Total = 28.73 dBV/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 27.33 V/m = 28.73 dBV/m

### #13\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 22.90 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.73 dBV/m

**Emission category: M4**

MIF scaled E-field

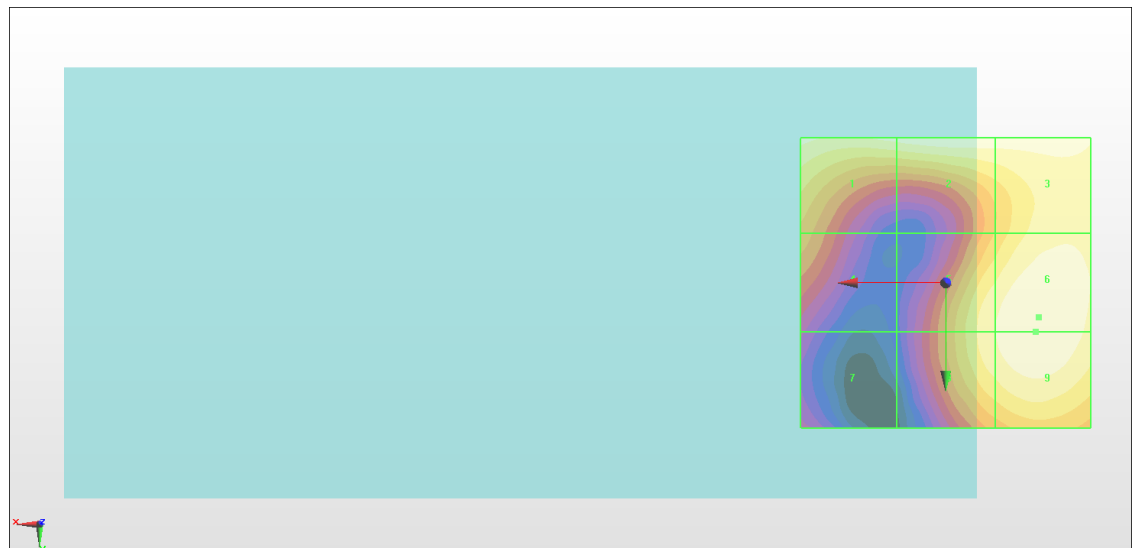
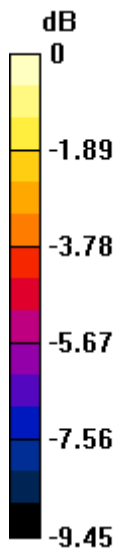
<b>Grid 1 M4</b> <b>27.38 dBV/m</b>	<b>Grid 2 M4</b> <b>27.71 dBV/m</b>	<b>Grid 3 M4</b> <b>27.55 dBV/m</b>
<b>Grid 4 M4</b> <b>25 dBV/m</b>	<b>Grid 5 M4</b> <b>27.1 dBV/m</b>	<b>Grid 6 M4</b> <b>27.73 dBV/m</b>
<b>Grid 7 M4</b> <b>22.47 dBV/m</b>	<b>Grid 8 M4</b> <b>27.09 dBV/m</b>	<b>Grid 9 M4</b> <b>27.7 dBV/m</b>

**Cursor:**

Total = 27.73 dBV/m

E Category: M4

Location: -16, 6, 8.7 mm



0 dB = 24.34 V/m = 27.73 dBV/m

## #14\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 20.65 V/m; Power Drift = 0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 28.55 dBV/m

**Emission category: M4**

MIF scaled E-field

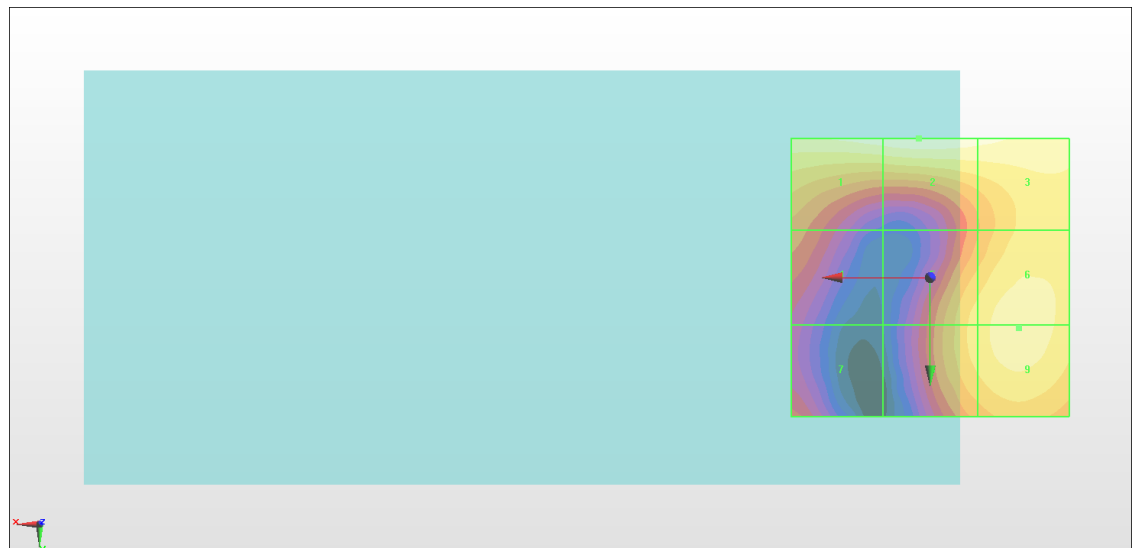
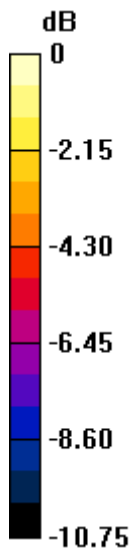
Grid 1 <b>M4</b> <b>28.32 dBV/m</b>	Grid 2 <b>M4</b> <b>28.55 dBV/m</b>	Grid 3 <b>M4</b> <b>28.17 dBV/m</b>
Grid 4 <b>M4</b> <b>24.73 dBV/m</b>	Grid 5 <b>M4</b> <b>26.74 dBV/m</b>	Grid 6 <b>M4</b> <b>27.49 dBV/m</b>
Grid 7 <b>M4</b> <b>23.95 dBV/m</b>	Grid 8 <b>M4</b> <b>26.75 dBV/m</b>	Grid 9 <b>M4</b> <b>27.49 dBV/m</b>

**Cursor:**

Total = 28.55 dBV/m

E Category: M4

Location: 2, -25, 8.7 mm



0 dB = 26.77 V/m = 28.55 dBV/m

### #15\_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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 16.90 V/m; Power Drift = -0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.95 dBV/m

**Emission category: M4**

MIF scaled E-field

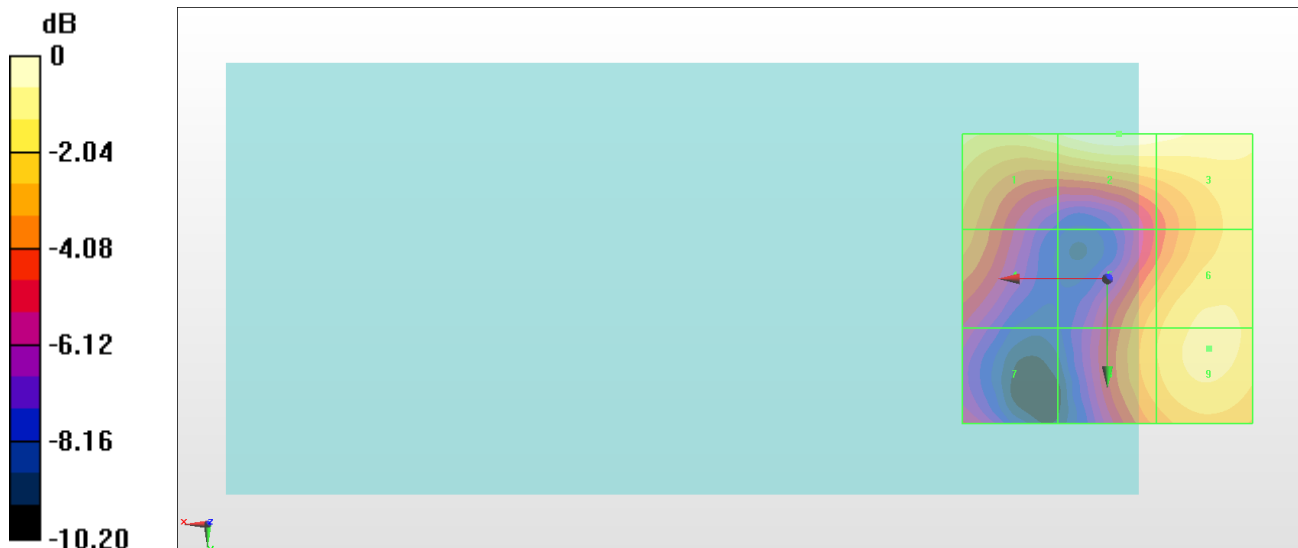
<b>Grid 1 M4</b> <b>27.24 dBV/m</b>	<b>Grid 2 M4</b> <b>27.95 dBV/m</b>	<b>Grid 3 M4</b> <b>27.63 dBV/m</b>
<b>Grid 4 M4</b> <b>24.98 dBV/m</b>	<b>Grid 5 M4</b> <b>25.74 dBV/m</b>	<b>Grid 6 M4</b> <b>26.8 dBV/m</b>
<b>Grid 7 M4</b> <b>22.8 dBV/m</b>	<b>Grid 8 M4</b> <b>25.91 dBV/m</b>	<b>Grid 9 M4</b> <b>26.85 dBV/m</b>

**Cursor:**

Total = 27.95 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 24.97 V/m = 27.95 dBV/m

## #16\_HAC\_E\_WLAN2.4GHz\_802.11b 1Mbps\_Ch1

Communication System: IEEE 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 34.46 V/m; Power Drift = -0.04 dB

Applied MIF = -2.02 dB

RF audio interference level = 26.82 dBV/m

**Emission category: M4**

MIF scaled E-field

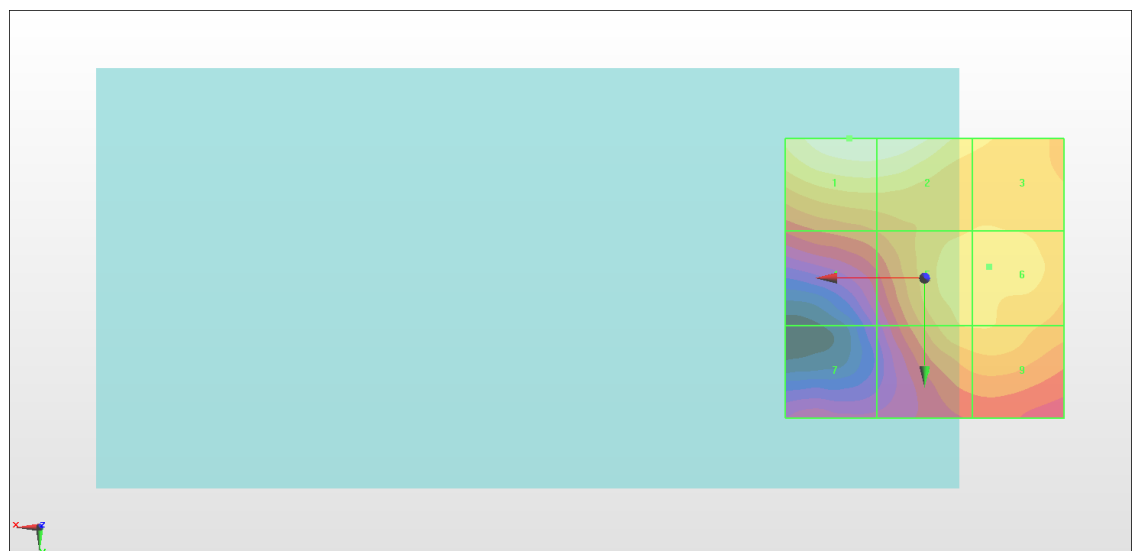
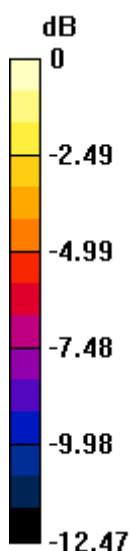
Grid 1 <b>M4</b> <b>26.82 dBV/m</b>	Grid 2 <b>M4</b> <b>26.81 dBV/m</b>	Grid 3 <b>M4</b> <b>24.78 dBV/m</b>
Grid 4 <b>M4</b> <b>22.72 dBV/m</b>	Grid 5 <b>M4</b> <b>25.04 dBV/m</b>	Grid 6 <b>M4</b> <b>25.08 dBV/m</b>
Grid 7 <b>M4</b> <b>20.06 dBV/m</b>	Grid 8 <b>M4</b> <b>24.4 dBV/m</b>	Grid 9 <b>M4</b> <b>24.41 dBV/m</b>

**Cursor:**

Total = 26.82 dBV/m

E Category: M4

Location: 13.5, -25, 8.7 mm



0 dB = 21.93 V/m = 26.82 dBV/m



## #17\_HAC\_E\_WLAN2.4GHz\_802.11b 1Mbps\_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 41.09 V/m; Power Drift = 0.11 dB

Applied MIF = -2.02 dB

RF audio interference level = 29.05 dBV/m

**Emission category: M4**

MIF scaled E-field

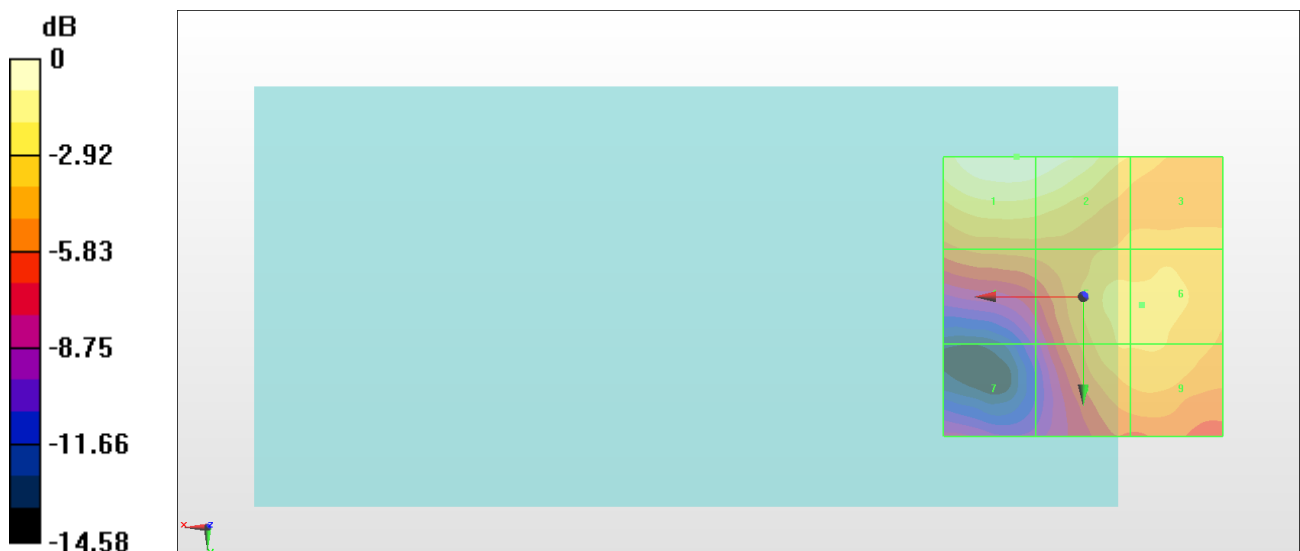
Grid 1 <b>M4</b> <b>29.05 dBV/m</b>	Grid 2 <b>M4</b> <b>28.88 dBV/m</b>	Grid 3 <b>M4</b> <b>26.11 dBV/m</b>
Grid 4 <b>M4</b> <b>24.69 dBV/m</b>	Grid 5 <b>M4</b> <b>26.7 dBV/m</b>	Grid 6 <b>M4</b> <b>26.75 dBV/m</b>
Grid 7 <b>M4</b> <b>20.76 dBV/m</b>	Grid 8 <b>M4</b> <b>26.23 dBV/m</b>	Grid 9 <b>M4</b> <b>26.28 dBV/m</b>

**Cursor:**

Total = 29.05 dBV/m

E Category: M4

Location: 12, -25, 8.7 mm



0 dB = 28.35 V/m = 29.05 dBV/m

## #18\_HAC\_E\_WLAN2.4GHz\_802.11b 1Mbps\_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 37.22 V/m; Power Drift = 0.02 dB

Applied MIF = -2.02 dB

RF audio interference level = 28.31 dBV/m

**Emission category: M4**

MIF scaled E-field

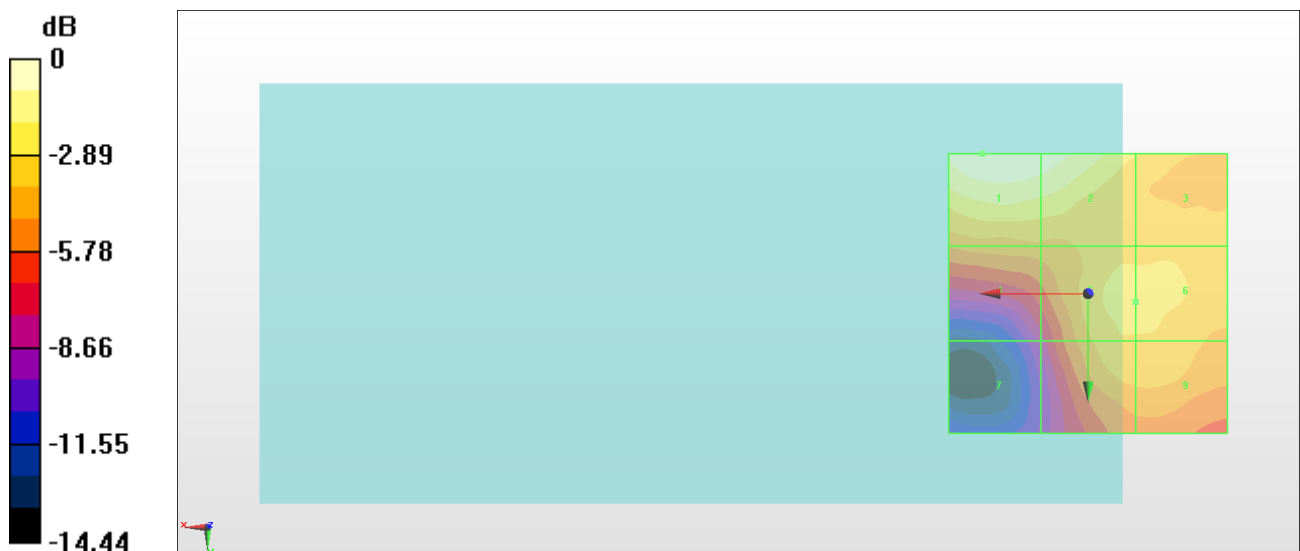
Grid 1 <b>M4</b> <b>28.31 dBV/m</b>	Grid 2 <b>M4</b> <b>28.07 dBV/m</b>	Grid 3 <b>M4</b> <b>25.54 dBV/m</b>
Grid 4 <b>M4</b> <b>24.24 dBV/m</b>	Grid 5 <b>M4</b> <b>25.98 dBV/m</b>	Grid 6 <b>M4</b> <b>25.98 dBV/m</b>
Grid 7 <b>M4</b> <b>20.06 dBV/m</b>	Grid 8 <b>M4</b> <b>25.36 dBV/m</b>	Grid 9 <b>M4</b> <b>25.22 dBV/m</b>

**Cursor:**

Total = 28.31 dBV/m

E Category: M4

Location: 19, -25, 8.7 mm



0 dB = 26.02 V/m = 28.31 dBV/m