

## #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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 52.78 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.63 dBV/m

**Emission category: M4**

MIF scaled E-field

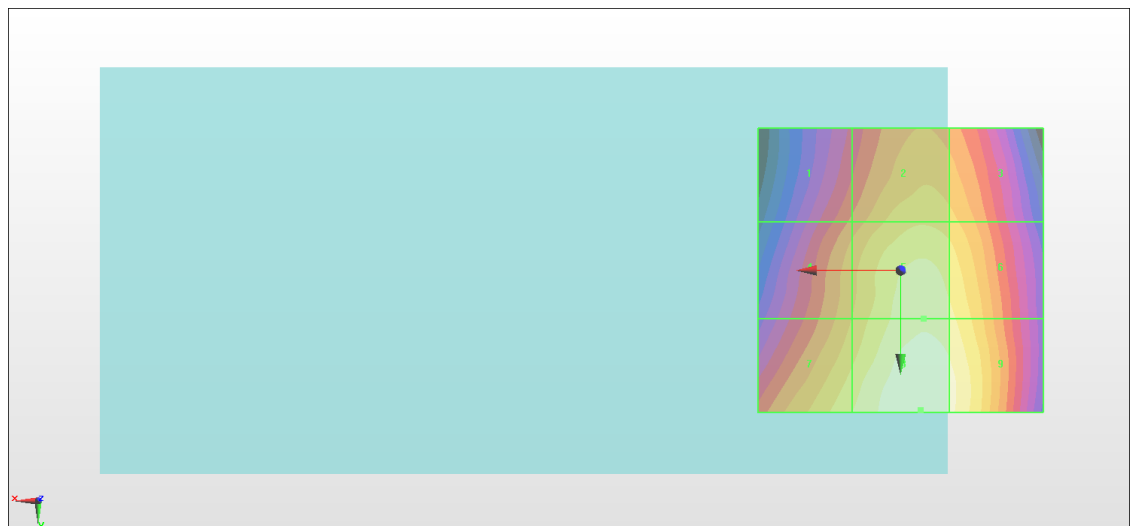
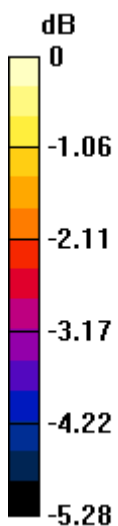
Grid 1 <b>M4</b> <b>34.63 dBV/m</b>	Grid 2 <b>M4</b> <b>35.54 dBV/m</b>	Grid 3 <b>M4</b> <b>35.38 dBV/m</b>
Grid 4 <b>M4</b> <b>35.24 dBV/m</b>	Grid 5 <b>M4</b> <b>36.2 dBV/m</b>	Grid 6 <b>M4</b> <b>36.03 dBV/m</b>
Grid 7 <b>M4</b> <b>35.93 dBV/m</b>	Grid 8 <b>M4</b> <b>36.63 dBV/m</b>	Grid 9 <b>M4</b> <b>36.41 dBV/m</b>

**Cursor:**

Total = 36.63 dBV/m

E Category: M4

Location: -3.5, 24.5, 8.7 mm



0 dB = 67.82 V/m = 36.63 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 48.63 V/m; Power Drift = -0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.97 dBV/m

**Emission category: M4**

MIF scaled E-field

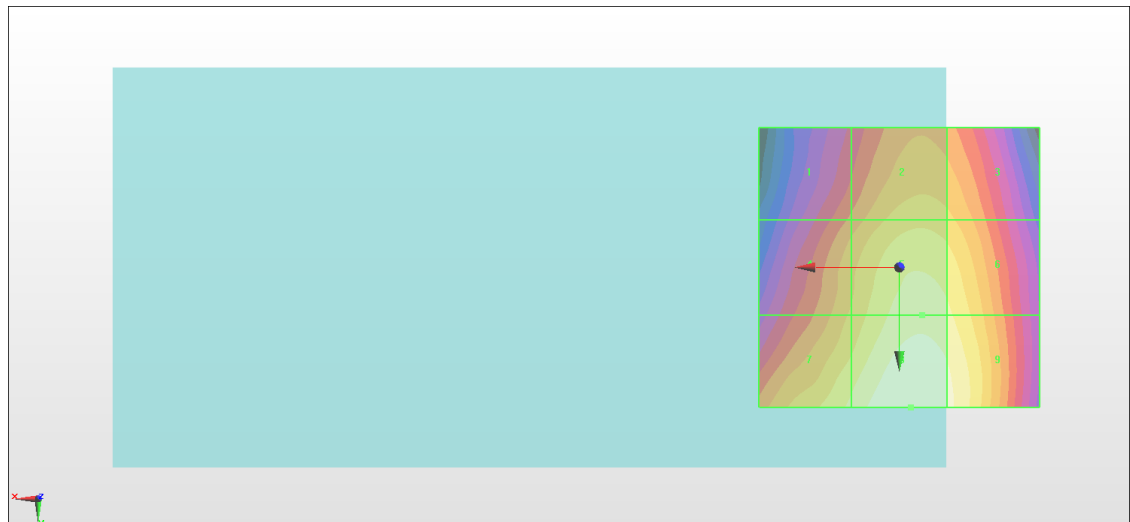
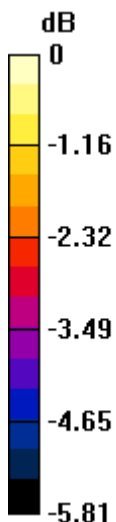
Grid 1 <b>M4</b> <b>33.78 dBV/m</b>	Grid 2 <b>M4</b> <b>34.71 dBV/m</b>	Grid 3 <b>M4</b> <b>34.55 dBV/m</b>
Grid 4 <b>M4</b> <b>34.52 dBV/m</b>	Grid 5 <b>M4</b> <b>35.46 dBV/m</b>	Grid 6 <b>M4</b> <b>35.29 dBV/m</b>
Grid 7 <b>M4</b> <b>35.31 dBV/m</b>	Grid 8 <b>M4</b> <b>35.97 dBV/m</b>	Grid 9 <b>M4</b> <b>35.72 dBV/m</b>

**Cursor:**

Total = 35.97 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 62.91 V/m = 35.97 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 41.54 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.85 dBV/m

**Emission category: M4**

MIF scaled E-field

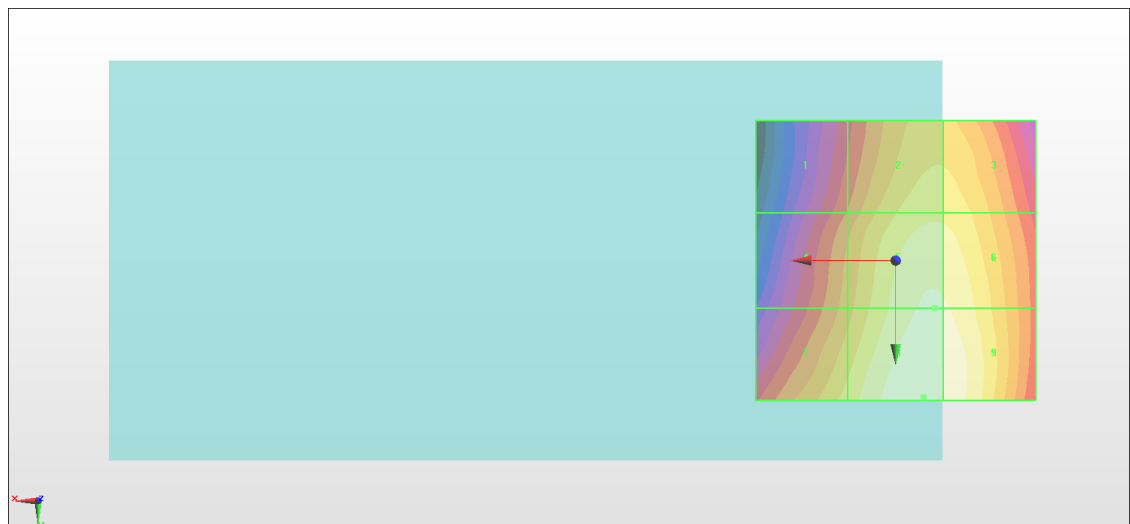
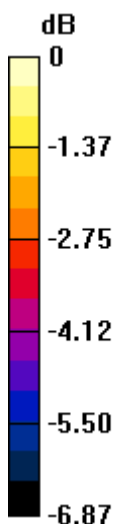
Grid 1 <b>M4</b> <b>32.19 dBV/m</b>	Grid 2 <b>M4</b> <b>33.85 dBV/m</b>	Grid 3 <b>M4</b> <b>33.82 dBV/m</b>
Grid 4 <b>M4</b> <b>32.86 dBV/m</b>	Grid 5 <b>M4</b> <b>34.47 dBV/m</b>	Grid 6 <b>M4</b> <b>34.45 dBV/m</b>
Grid 7 <b>M4</b> <b>33.7 dBV/m</b>	Grid 8 <b>M4</b> <b>34.85 dBV/m</b>	Grid 9 <b>M4</b> <b>34.78 dBV/m</b>

**Cursor:**

Total = 34.85 dBV/m

E Category: M4

Location: -5, 24.5, 8.7 mm



0 dB = 55.30 V/m = 34.85 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 6.808 V/m; Power Drift = -0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.80 dBV/m

**Emission category: M4**

MIF scaled E-field

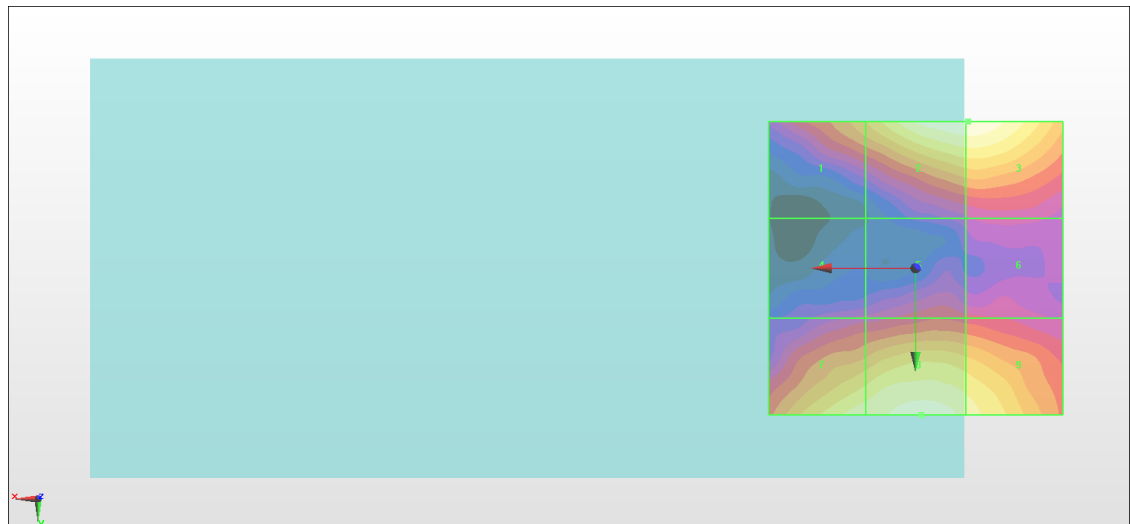
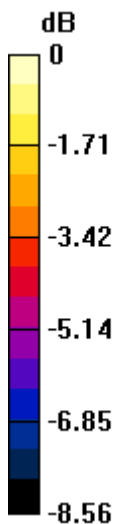
Grid 1 <b>M4</b> <b>23.48 dBV/m</b>	Grid 2 <b>M4</b> <b>25.79 dBV/m</b>	Grid 3 <b>M4</b> <b>25.8 dBV/m</b>
Grid 4 <b>M4</b> <b>20.92 dBV/m</b>	Grid 5 <b>M4</b> <b>21.77 dBV/m</b>	Grid 6 <b>M4</b> <b>21.52 dBV/m</b>
Grid 7 <b>M4</b> <b>25.09 dBV/m</b>	Grid 8 <b>M4</b> <b>25.53 dBV/m</b>	Grid 9 <b>M4</b> <b>25.01 dBV/m</b>

**Cursor:**

Total = 25.80 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 19.49 V/m = 25.80 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 5.878 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.15 dBV/m

**Emission category: M4**

MIF scaled E-field

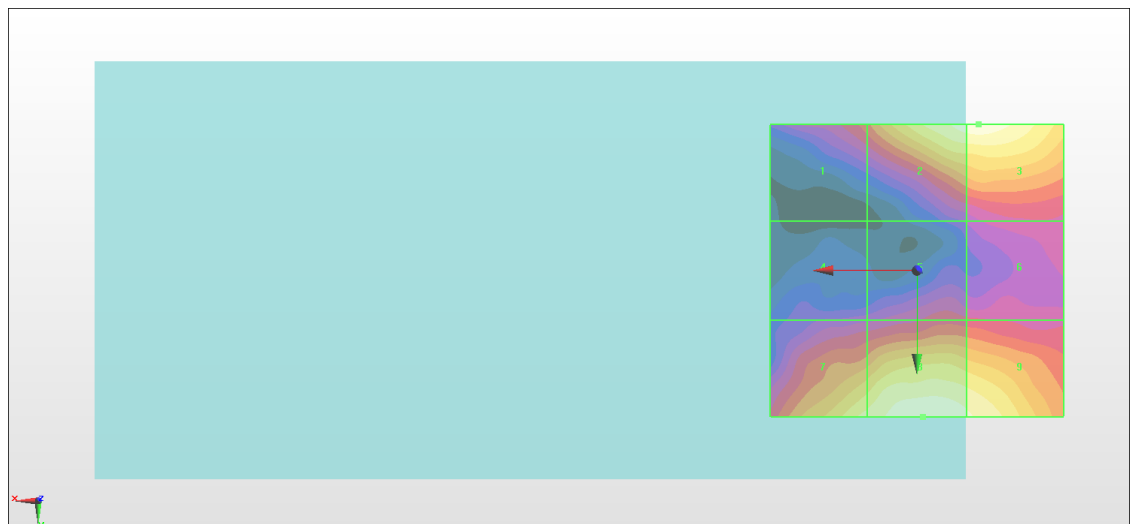
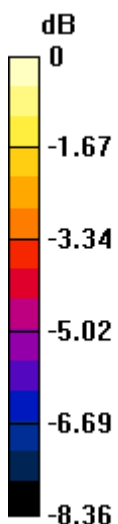
Grid 1 <b>M4</b> <b>21.65 dBV/m</b>	Grid 2 <b>M4</b> <b>25.04 dBV/m</b>	Grid 3 <b>M4</b> <b>25.15 dBV/m</b>
Grid 4 <b>M4</b> <b>20.01 dBV/m</b>	Grid 5 <b>M4</b> <b>21.07 dBV/m</b>	Grid 6 <b>M4</b> <b>20.89 dBV/m</b>
Grid 7 <b>M4</b> <b>24.27 dBV/m</b>	Grid 8 <b>M4</b> <b>25.13 dBV/m</b>	Grid 9 <b>M4</b> <b>24.71 dBV/m</b>

**Cursor:**

Total = 25.15 dBV/m

E Category: M4

Location: -10.5, -25, 8.7 mm



0 dB = 18.08 V/m = 25.14 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 6.428 V/m; Power Drift = -0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.14 dBV/m

**Emission category: M4**

MIF scaled E-field

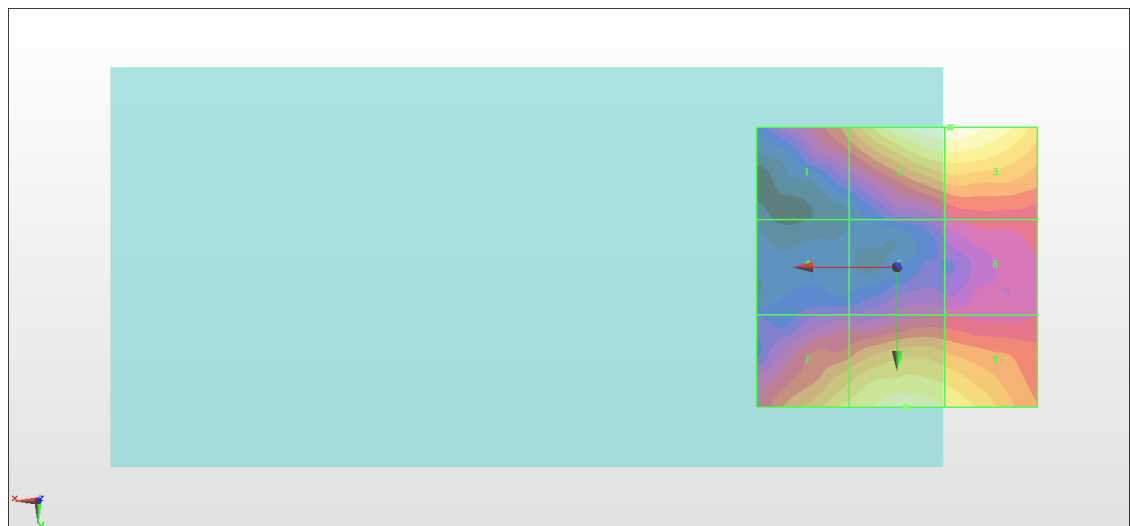
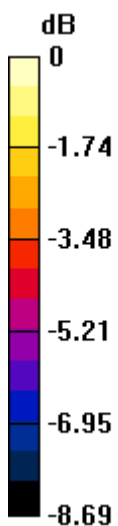
Grid 1 <b>M4</b> <b>22.12 dBV/m</b>	Grid 2 <b>M4</b> <b>25.13 dBV/m</b>	Grid 3 <b>M4</b> <b>25.14 dBV/m</b>
Grid 4 <b>M4</b> <b>19.58 dBV/m</b>	Grid 5 <b>M4</b> <b>20.48 dBV/m</b>	Grid 6 <b>M4</b> <b>20.83 dBV/m</b>
Grid 7 <b>M4</b> <b>23.63 dBV/m</b>	Grid 8 <b>M4</b> <b>24.34 dBV/m</b>	Grid 9 <b>M4</b> <b>23.92 dBV/m</b>

**Cursor:**

Total = 25.14 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 18.08 V/m = 25.14 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 : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 18.12 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.09 dBV/m

**Emission category: M4**

MIF scaled E-field

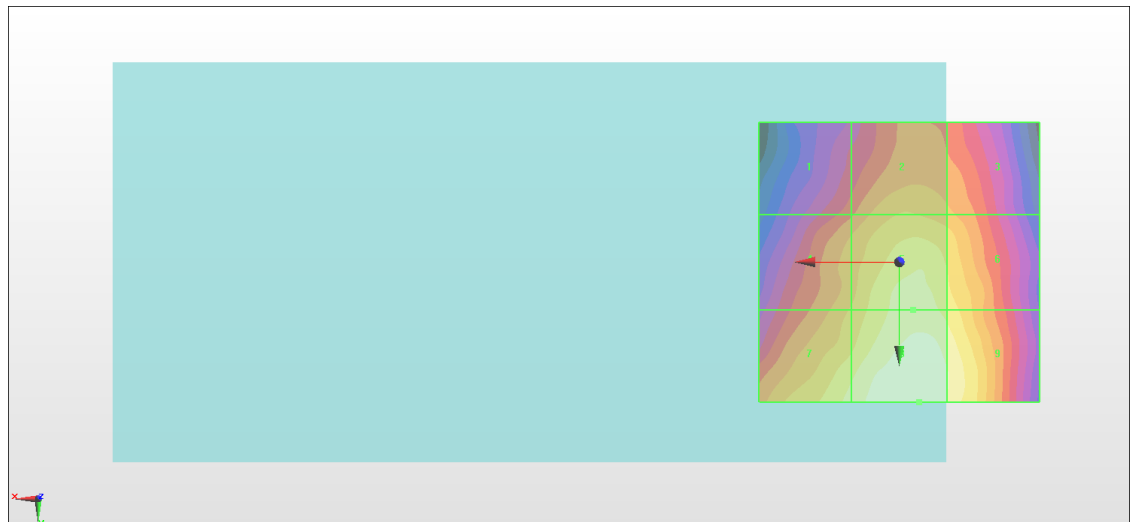
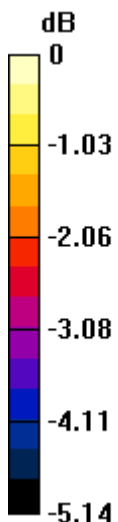
Grid 1 <b>M4</b> <b>24.99 dBV/m</b>	Grid 2 <b>M4</b> <b>25.75 dBV/m</b>	Grid 3 <b>M4</b> <b>25.5 dBV/m</b>
Grid 4 <b>M4</b> <b>25.77 dBV/m</b>	Grid 5 <b>M4</b> <b>26.57 dBV/m</b>	Grid 6 <b>M4</b> <b>26.29 dBV/m</b>
Grid 7 <b>M4</b> <b>26.54 dBV/m</b>	Grid 8 <b>M4</b> <b>27.09 dBV/m</b>	Grid 9 <b>M4</b> <b>26.77 dBV/m</b>

**Cursor:**

Total = 27.09 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 22.61 V/m = 27.09 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 : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 17.48 V/m; Power Drift = -0.10 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.08 dBV/m

**Emission category: M4**

MIF scaled E-field

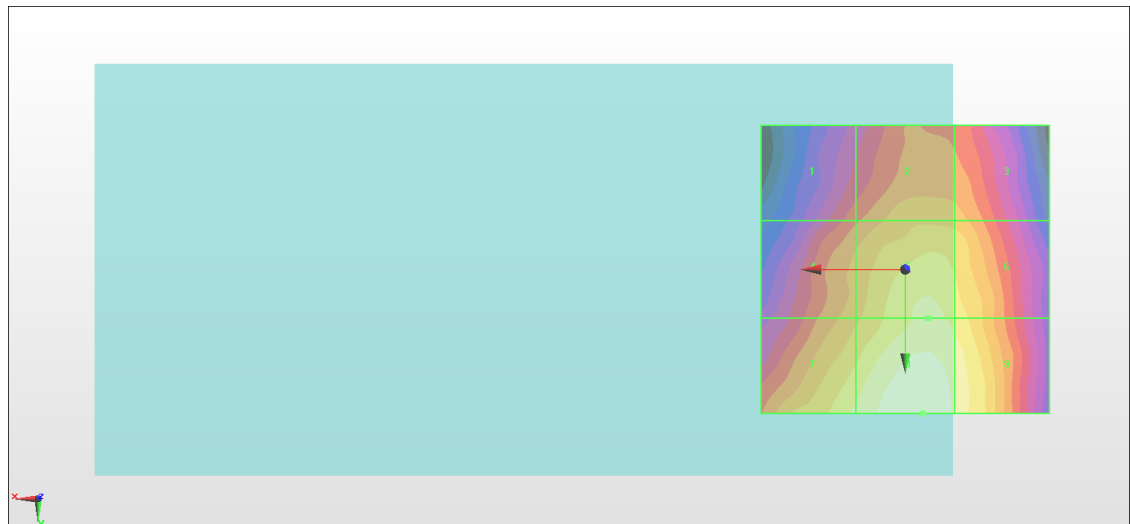
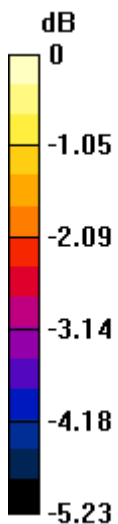
Grid 1 <b>M4</b> <b>24.93 dBV/m</b>	Grid 2 <b>M4</b> <b>25.65 dBV/m</b>	Grid 3 <b>M4</b> <b>25.55 dBV/m</b>
Grid 4 <b>M4</b> <b>25.63 dBV/m</b>	Grid 5 <b>M4</b> <b>26.49 dBV/m</b>	Grid 6 <b>M4</b> <b>26.29 dBV/m</b>
Grid 7 <b>M4</b> <b>26.49 dBV/m</b>	Grid 8 <b>M4</b> <b>27.08 dBV/m</b>	Grid 9 <b>M4</b> <b>26.69 dBV/m</b>

**Cursor:**

Total = 27.08 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 22.60 V/m = 27.08 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 : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 15.73 V/m; Power Drift = -0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.19 dBV/m

**Emission category: M4**

MIF scaled E-field

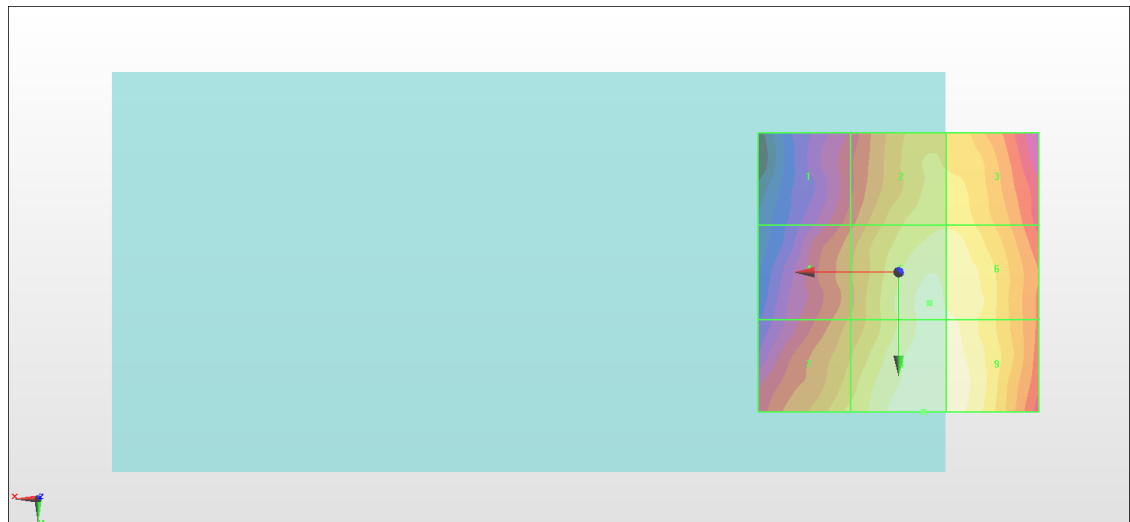
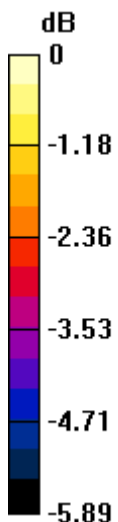
Grid 1 <b>M4</b> <b>23.74 dBV/m</b>	Grid 2 <b>M4</b> <b>25.37 dBV/m</b>	Grid 3 <b>M4</b> <b>25.37 dBV/m</b>
Grid 4 <b>M4</b> <b>24.3 dBV/m</b>	Grid 5 <b>M4</b> <b>25.95 dBV/m</b>	Grid 6 <b>M4</b> <b>25.88 dBV/m</b>
Grid 7 <b>M4</b> <b>25.16 dBV/m</b>	Grid 8 <b>M4</b> <b>26.19 dBV/m</b>	Grid 9 <b>M4</b> <b>26.07 dBV/m</b>

**Cursor:**

Total = 26.19 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 20.39 V/m = 26.19 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 : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 5.643 V/m; Power Drift = -0.12 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.10 dBV/m

**Emission category: M4**

MIF scaled E-field

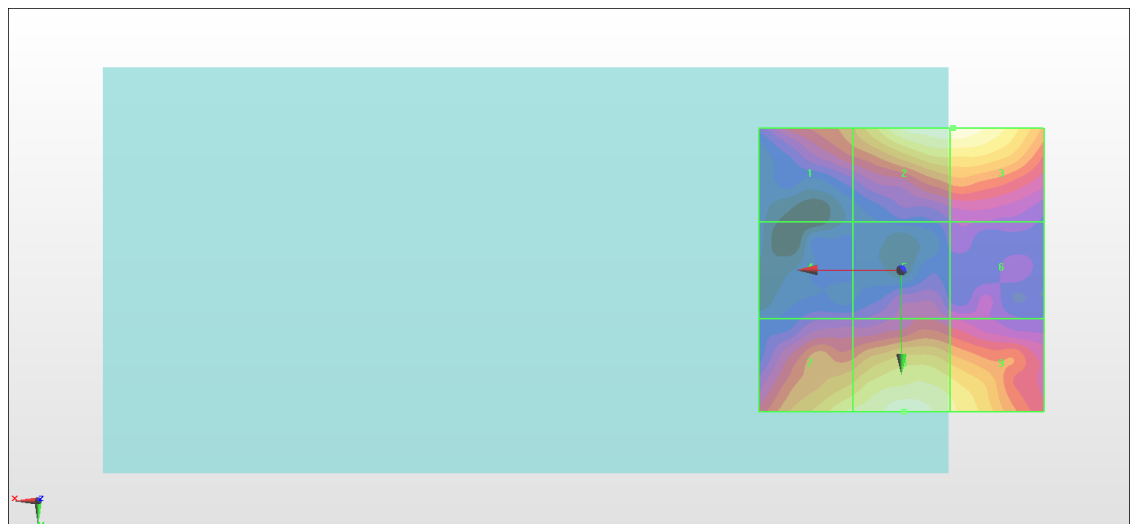
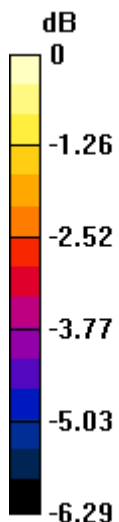
Grid 1 <b>M4</b> <b>19.95 dBV/m</b>	Grid 2 <b>M4</b> <b>22.09 dBV/m</b>	Grid 3 <b>M4</b> <b>22.1 dBV/m</b>
Grid 4 <b>M4</b> <b>17.9 dBV/m</b>	Grid 5 <b>M4</b> <b>18.8 dBV/m</b>	Grid 6 <b>M4</b> <b>18.36 dBV/m</b>
Grid 7 <b>M4</b> <b>21.41 dBV/m</b>	Grid 8 <b>M4</b> <b>22.03 dBV/m</b>	Grid 9 <b>M4</b> <b>21.39 dBV/m</b>

**Cursor:**

Total = 22.10 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 12.74 V/m = 22.10 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 5.257 V/m; Power Drift = -0.17 dB

Applied MIF = 3.26 dB

RF audio interference level = 21.43 dBV/m

**Emission category: M4**

MIF scaled E-field

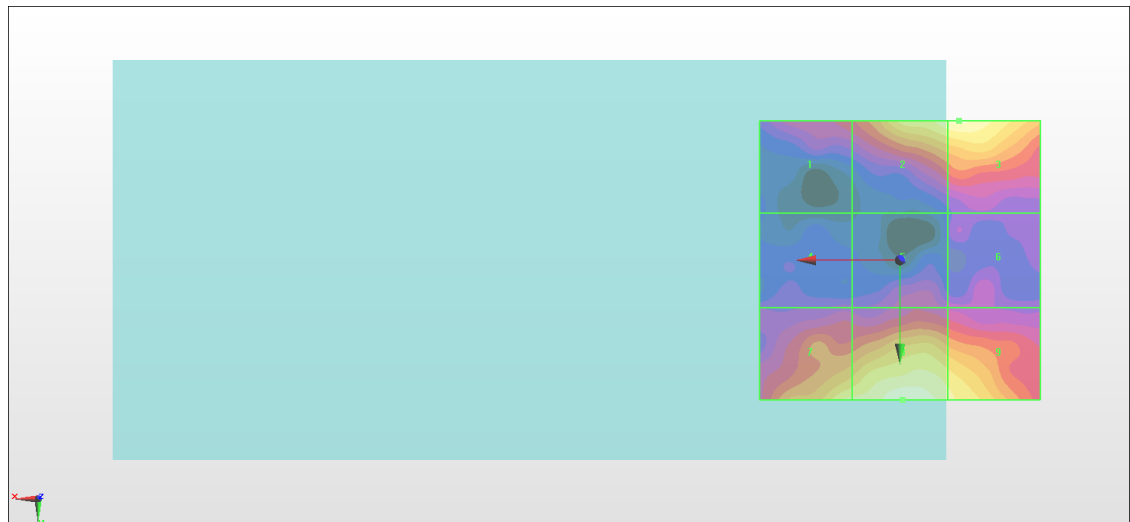
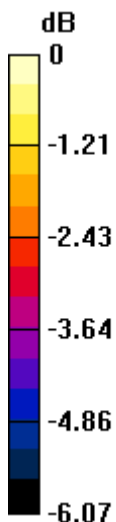
Grid 1 <b>M4</b> <b>18.56 dBV/m</b>	Grid 2 <b>M4</b> <b>21.09 dBV/m</b>	Grid 3 <b>M4</b> <b>21.2 dBV/m</b>
Grid 4 <b>M4</b> <b>17.61 dBV/m</b>	Grid 5 <b>M4</b> <b>18.18 dBV/m</b>	Grid 6 <b>M4</b> <b>17.76 dBV/m</b>
Grid 7 <b>M4</b> <b>20.8 dBV/m</b>	Grid 8 <b>M4</b> <b>21.43 dBV/m</b>	Grid 9 <b>M4</b> <b>20.78 dBV/m</b>

**Cursor:**

Total = 21.43 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 11.79 V/m = 21.43 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 5.214 V/m; Power Drift = -0.15 dB

Applied MIF = 3.26 dB

RF audio interference level = 21.63 dBV/m

**Emission category: M4**

MIF scaled E-field

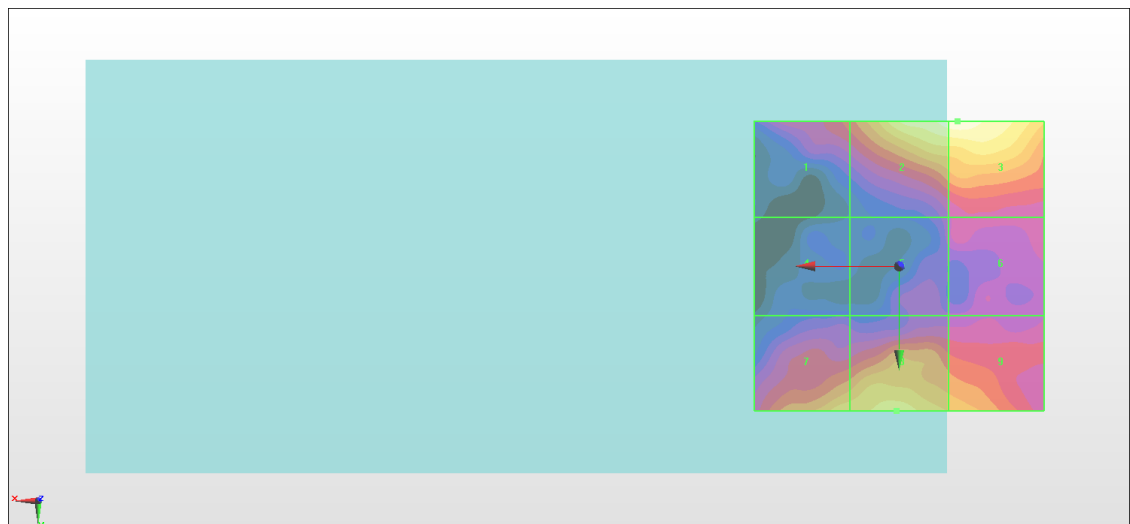
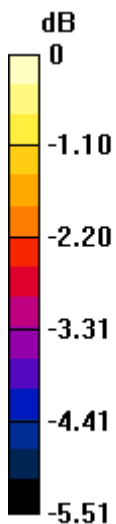
Grid 1 <b>M4</b> <b>19.26 dBV/m</b>	Grid 2 <b>M4</b> <b>21.55 dBV/m</b>	Grid 3 <b>M4</b> <b>21.63 dBV/m</b>
Grid 4 <b>M4</b> <b>17.55 dBV/m</b>	Grid 5 <b>M4</b> <b>18.3 dBV/m</b>	Grid 6 <b>M4</b> <b>18.65 dBV/m</b>
Grid 7 <b>M4</b> <b>20.52 dBV/m</b>	Grid 8 <b>M4</b> <b>20.82 dBV/m</b>	Grid 9 <b>M4</b> <b>20.16 dBV/m</b>

**Cursor:**

Total = 21.63 dBV/m

E Category: M4

Location: -10, -25, 8.7 mm



0 dB = 12.07 V/m = 21.63 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 : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 20.94 V/m; Power Drift = -0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.42 dBV/m

**Emission category: M4**

MIF scaled E-field

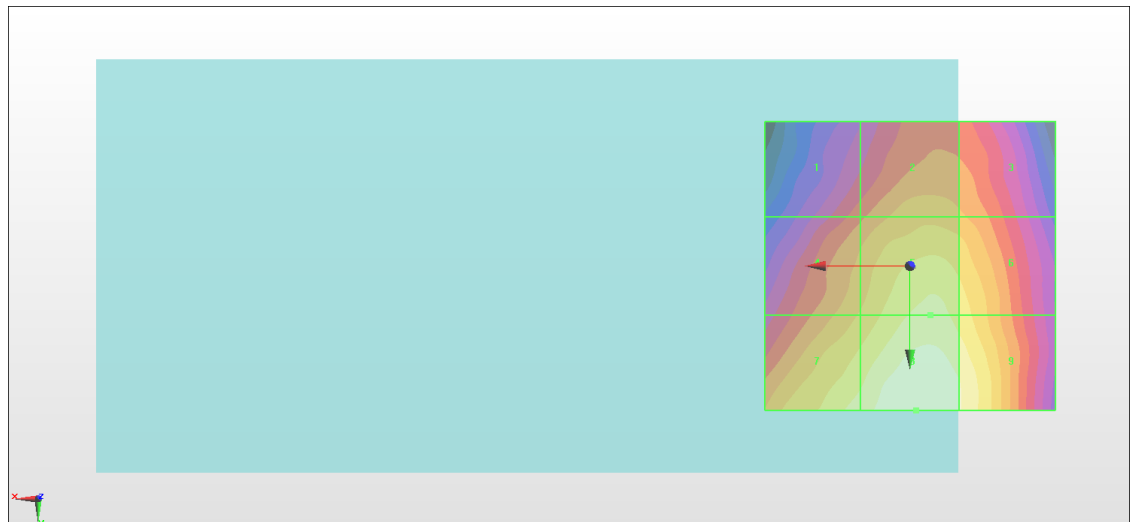
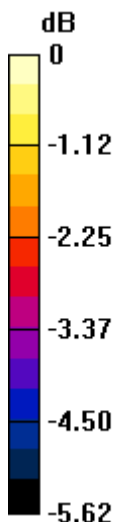
Grid 1 <b>M4</b> <b>26.09 dBV/m</b>	Grid 2 <b>M4</b> <b>26.84 dBV/m</b>	Grid 3 <b>M4</b> <b>26.65 dBV/m</b>
Grid 4 <b>M4</b> <b>26.98 dBV/m</b>	Grid 5 <b>M4</b> <b>27.79 dBV/m</b>	Grid 6 <b>M4</b> <b>27.53 dBV/m</b>
Grid 7 <b>M4</b> <b>27.89 dBV/m</b>	Grid 8 <b>M4</b> <b>28.42 dBV/m</b>	Grid 9 <b>M4</b> <b>28.09 dBV/m</b>

**Cursor:**

Total = 28.42 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 26.36 V/m = 28.42 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 : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 21.00 V/m; Power Drift = -0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.43 dBV/m

**Emission category: M4**

MIF scaled E-field

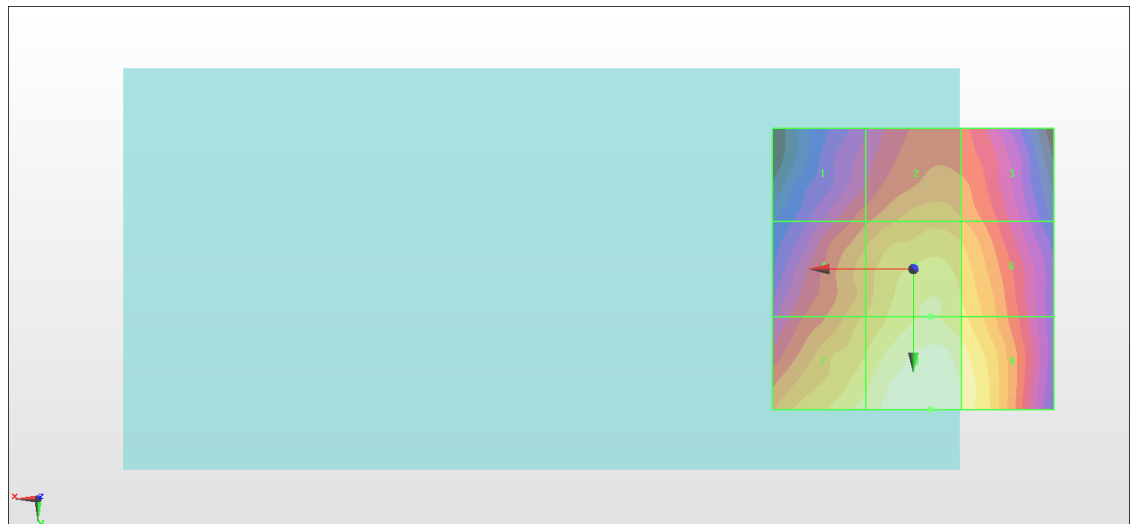
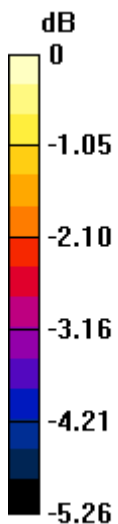
Grid 1 <b>M4</b> <b>26.27 dBV/m</b>	Grid 2 <b>M4</b> <b>26.94 dBV/m</b>	Grid 3 <b>M4</b> <b>26.73 dBV/m</b>
Grid 4 <b>M4</b> <b>27.07 dBV/m</b>	Grid 5 <b>M4</b> <b>27.78 dBV/m</b>	Grid 6 <b>M4</b> <b>27.49 dBV/m</b>
Grid 7 <b>M4</b> <b>27.88 dBV/m</b>	Grid 8 <b>M4</b> <b>28.43 dBV/m</b>	Grid 9 <b>M4</b> <b>28.06 dBV/m</b>

**Cursor:**

Total = 28.43 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 26.39 V/m = 28.43 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 : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 = 21.13 V/m; Power Drift = -0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.44 dBV/m

**Emission category: M4**

MIF scaled E-field

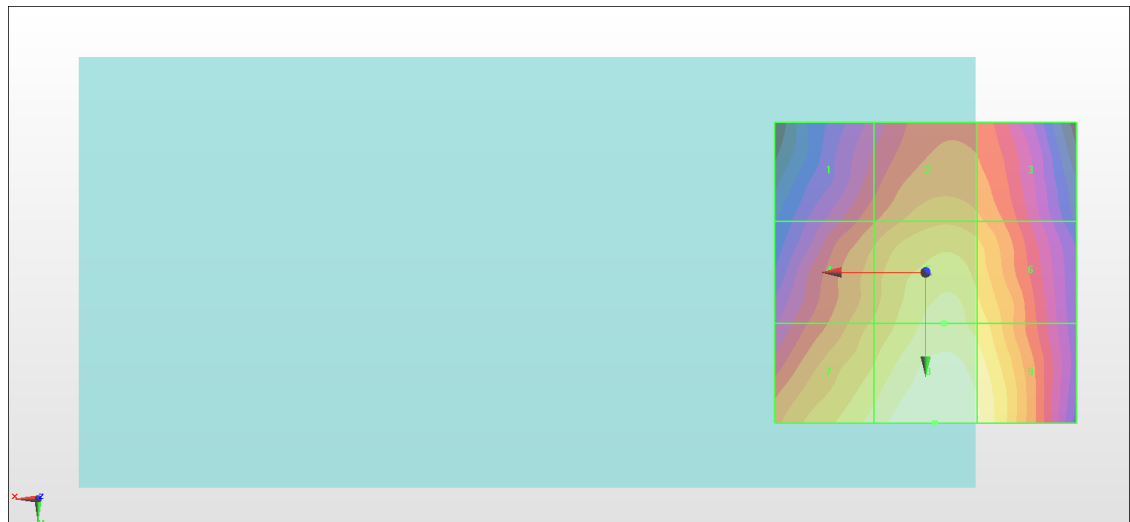
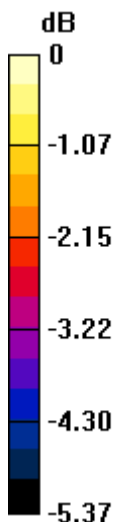
Grid 1 <b>M4</b> <b>26.27 dBV/m</b>	Grid 2 <b>M4</b> <b>26.97 dBV/m</b>	Grid 3 <b>M4</b> <b>26.77 dBV/m</b>
Grid 4 <b>M4</b> <b>27.09 dBV/m</b>	Grid 5 <b>M4</b> <b>27.87 dBV/m</b>	Grid 6 <b>M4</b> <b>27.6 dBV/m</b>
Grid 7 <b>M4</b> <b>27.88 dBV/m</b>	Grid 8 <b>M4</b> <b>28.44 dBV/m</b>	Grid 9 <b>M4</b> <b>28.15 dBV/m</b>

**Cursor:**

Total = 28.44 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 26.43 V/m = 28.44 dBV/m

## #16\_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 Sn854; Calibrated: 2018/6/14
- 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 = 13.11 V/m; Power Drift = -0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.96 dBV/m

**Emission category: M4**

MIF scaled E-field

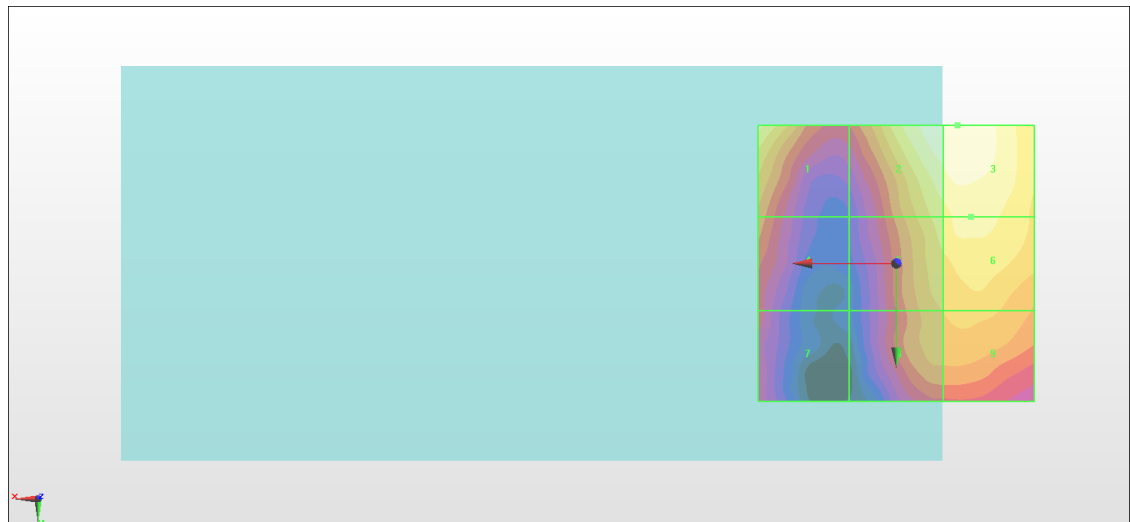
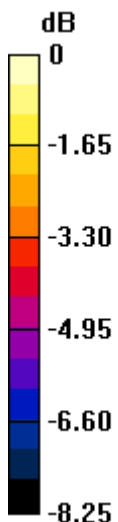
Grid 1 <b>M4</b> <b>21.11 dBV/m</b>	Grid 2 <b>M4</b> <b>21.9 dBV/m</b>	Grid 3 <b>M4</b> <b>21.96 dBV/m</b>
Grid 4 <b>M4</b> <b>19.09 dBV/m</b>	Grid 5 <b>M4</b> <b>20.69 dBV/m</b>	Grid 6 <b>M4</b> <b>21.06 dBV/m</b>
Grid 7 <b>M4</b> <b>18 dBV/m</b>	Grid 8 <b>M4</b> <b>19.8 dBV/m</b>	Grid 9 <b>M4</b> <b>19.99 dBV/m</b>

**Cursor:**

Total = 21.96 dBV/m

E Category: M4

Location: -11, -25, 8.7 mm



0 dB = 12.54 V/m = 21.97 dBV/m



## #17\_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 Sn854; Calibrated: 2018/6/14
- 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 = 12.18 V/m; Power Drift = -0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.32 dBV/m

**Emission category: M4**

MIF scaled E-field

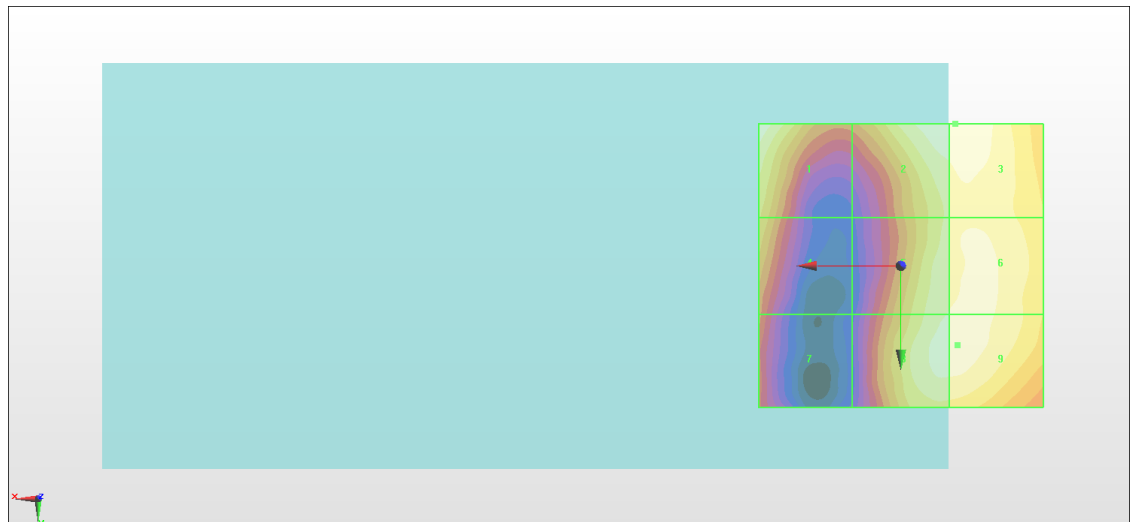
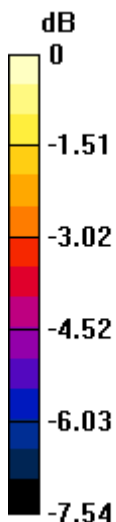
Grid 1 <b>M4</b> <b>21.29 dBV/m</b>	Grid 2 <b>M4</b> <b>21.3 dBV/m</b>	Grid 3 <b>M4</b> <b>21.32 dBV/m</b>
Grid 4 <b>M4</b> <b>19.91 dBV/m</b>	Grid 5 <b>M4</b> <b>20.84 dBV/m</b>	Grid 6 <b>M4</b> <b>20.99 dBV/m</b>
Grid 7 <b>M4</b> <b>18.57 dBV/m</b>	Grid 8 <b>M4</b> <b>21.03 dBV/m</b>	Grid 9 <b>M4</b> <b>21.06 dBV/m</b>

**Cursor:**

Total = 21.32 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 11.64 V/m = 21.32 dBV/m

## #18\_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 Sn854; Calibrated: 2018/6/14
- 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 = 12.73 V/m; Power Drift = -0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.88 dBV/m

**Emission category: M4**

MIF scaled E-field

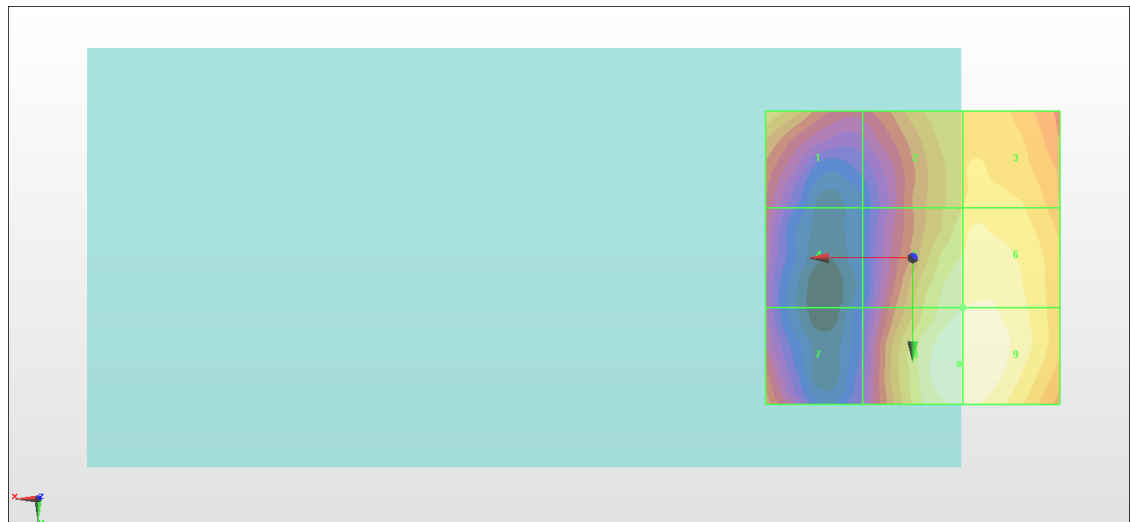
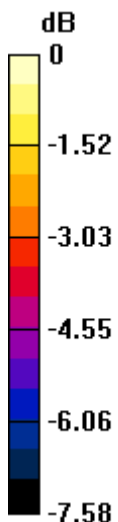
Grid 1 <b>M4</b> <b>20.37 dBV/m</b>	Grid 2 <b>M4</b> <b>20.39 dBV/m</b>	Grid 3 <b>M4</b> <b>20.63 dBV/m</b>
Grid 4 <b>M4</b> <b>18.24 dBV/m</b>	Grid 5 <b>M4</b> <b>21.37 dBV/m</b>	Grid 6 <b>M4</b> <b>21.47 dBV/m</b>
Grid 7 <b>M4</b> <b>19.2 dBV/m</b>	Grid 8 <b>M4</b> <b>21.88 dBV/m</b>	Grid 9 <b>M4</b> <b>21.87 dBV/m</b>

**Cursor:**

Total = 21.88 dBV/m

E Category: M4

Location: -8, 18, 8.7 mm



0 dB = 12.41 V/m = 21.88 dBV/m

### #19\_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 Sn854; Calibrated: 2018/6/14
- 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 = 10.41 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.72 dBV/m

**Emission category: M4**

MIF scaled E-field

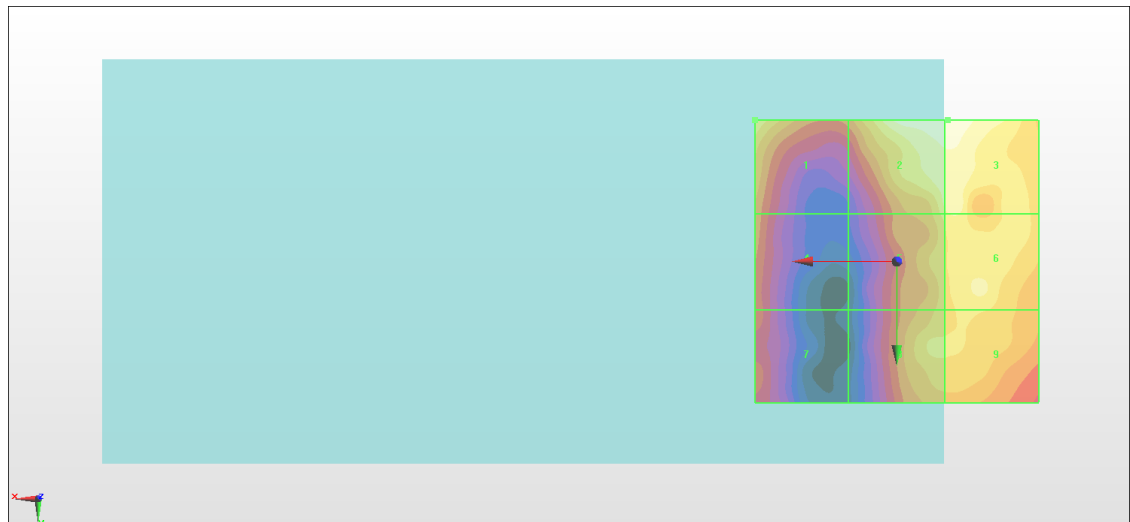
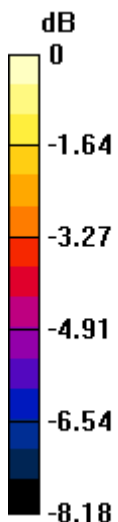
Grid 1 <b>M4</b> <b>19.77 dBV/m</b>	Grid 2 <b>M4</b> <b>20.72 dBV/m</b>	Grid 3 <b>M4</b> <b>20.72 dBV/m</b>
Grid 4 <b>M4</b> <b>17.95 dBV/m</b>	Grid 5 <b>M4</b> <b>19.46 dBV/m</b>	Grid 6 <b>M4</b> <b>19.78 dBV/m</b>
Grid 7 <b>M4</b> <b>17.47 dBV/m</b>	Grid 8 <b>M4</b> <b>19.22 dBV/m</b>	Grid 9 <b>M4</b> <b>19.24 dBV/m</b>

**Cursor:**

Total = 20.72 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 10.87 V/m = 20.72 dBV/m

## #20\_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 Sn854; Calibrated: 2018/6/14
- 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 = 9.900 V/m; Power Drift = -0.17 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.20 dBV/m

**Emission category: M4**

MIF scaled E-field

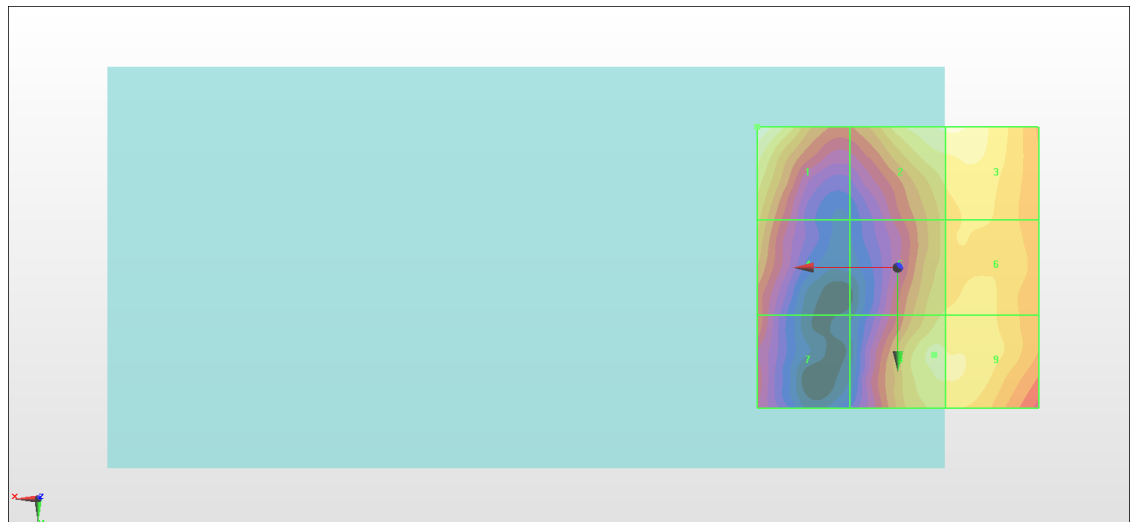
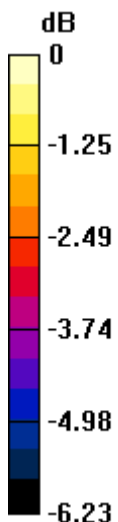
Grid 1 <b>M4</b> <b>20.2 dBV/m</b>	Grid 2 <b>M4</b> <b>19.88 dBV/m</b>	Grid 3 <b>M4</b> <b>19.9 dBV/m</b>
Grid 4 <b>M4</b> <b>18.7 dBV/m</b>	Grid 5 <b>M4</b> <b>19.03 dBV/m</b>	Grid 6 <b>M4</b> <b>19.22 dBV/m</b>
Grid 7 <b>M4</b> <b>17.8 dBV/m</b>	Grid 8 <b>M4</b> <b>19.51 dBV/m</b>	Grid 9 <b>M4</b> <b>19.44 dBV/m</b>

**Cursor:**

Total = 20.20 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 10.23 V/m = 20.20 dBV/m

## #21\_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 Sn854; Calibrated: 2018/6/14
- 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 = 11.91 V/m; Power Drift = -0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.12 dBV/m

**Emission category: M4**

MIF scaled E-field

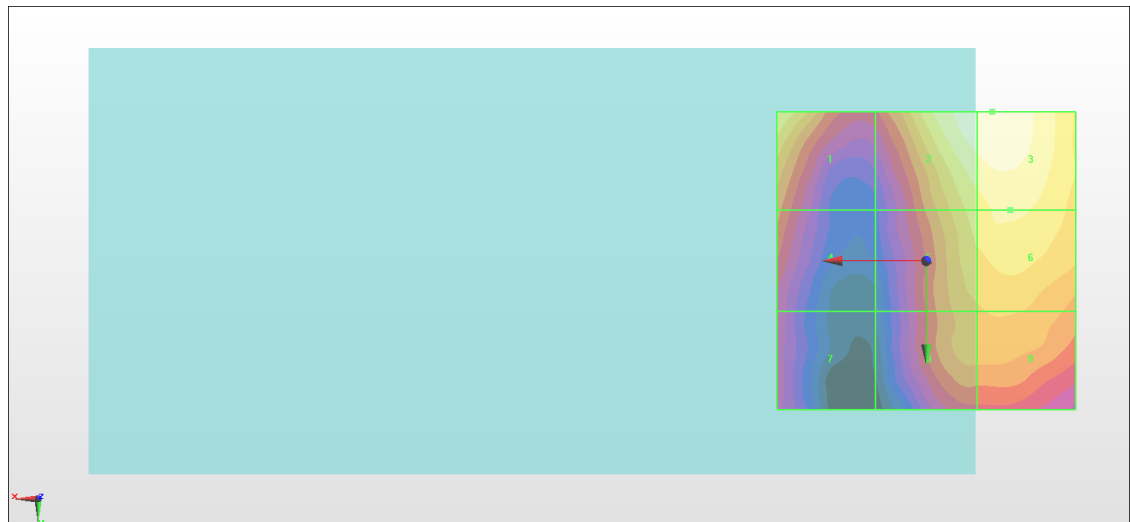
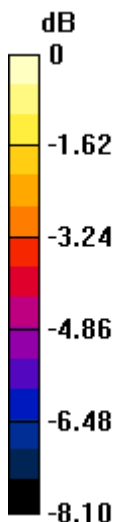
Grid 1 <b>M4</b> <b>21.18 dBV/m</b>	Grid 2 <b>M4</b> <b>22.04 dBV/m</b>	Grid 3 <b>M4</b> <b>22.12 dBV/m</b>
Grid 4 <b>M4</b> <b>19.12 dBV/m</b>	Grid 5 <b>M4</b> <b>20.79 dBV/m</b>	Grid 6 <b>M4</b> <b>21.15 dBV/m</b>
Grid 7 <b>M4</b> <b>17.94 dBV/m</b>	Grid 8 <b>M4</b> <b>19.88 dBV/m</b>	Grid 9 <b>M4</b> <b>20.03 dBV/m</b>

**Cursor:**

Total = 22.12 dBV/m

E Category: M4

Location: -11, -25, 8.7 mm



0 dB = 12.76 V/m = 22.12 dBV/m

## #22\_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 Sn854; Calibrated: 2018/6/14
- 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 = 12.06 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.42 dBV/m

**Emission category: M4**

MIF scaled E-field

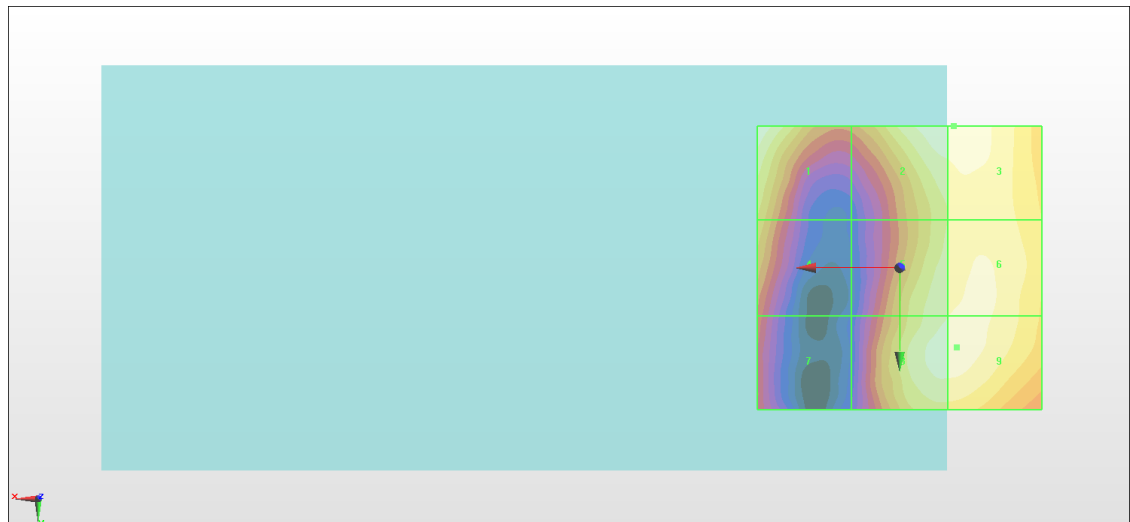
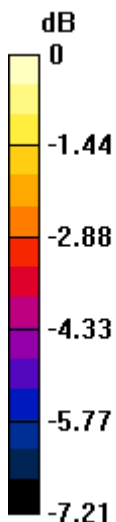
Grid 1 <b>M4</b> <b>21.42 dBV/m</b>	Grid 2 <b>M4</b> <b>21.4 dBV/m</b>	Grid 3 <b>M4</b> <b>21.42 dBV/m</b>
Grid 4 <b>M4</b> <b>19.98 dBV/m</b>	Grid 5 <b>M4</b> <b>20.94 dBV/m</b>	Grid 6 <b>M4</b> <b>21.11 dBV/m</b>
Grid 7 <b>M4</b> <b>18.5 dBV/m</b>	Grid 8 <b>M4</b> <b>21.17 dBV/m</b>	Grid 9 <b>M4</b> <b>21.17 dBV/m</b>

**Cursor:**

Total = 21.42 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 11.78 V/m = 21.42 dBV/m

## #23\_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 Sn854; Calibrated: 2018/6/14
- 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 = 12.82 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.99 dBV/m

**Emission category: M4**

MIF scaled E-field

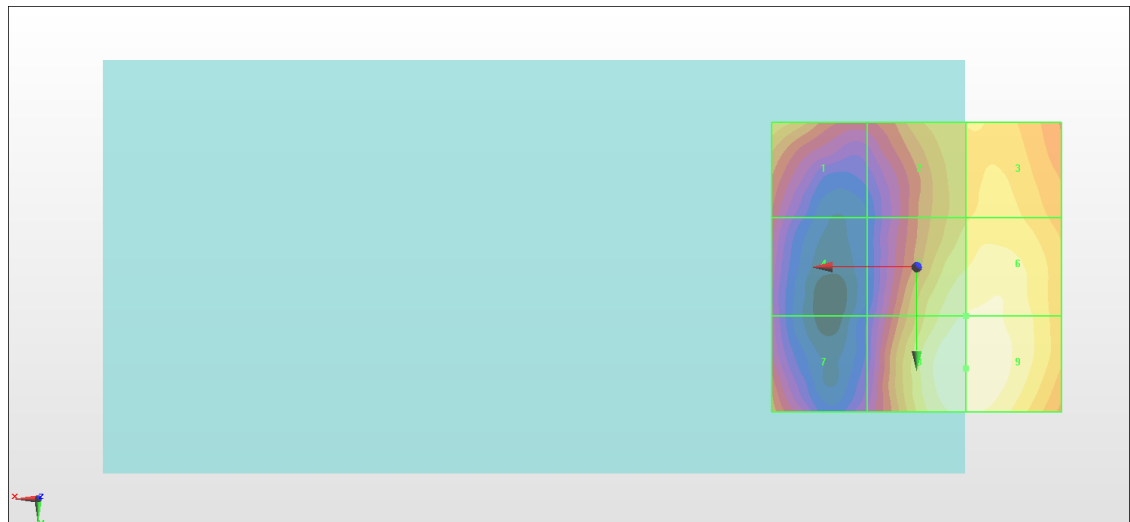
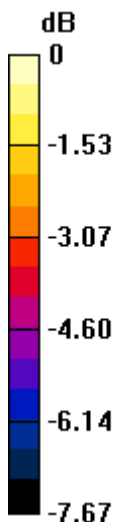
Grid 1 <b>M4</b> <b>20.48 dBV/m</b>	Grid 2 <b>M4</b> <b>20.49 dBV/m</b>	Grid 3 <b>M4</b> <b>20.75 dBV/m</b>
Grid 4 <b>M4</b> <b>18.35 dBV/m</b>	Grid 5 <b>M4</b> <b>21.53 dBV/m</b>	Grid 6 <b>M4</b> <b>21.62 dBV/m</b>
Grid 7 <b>M4</b> <b>19.31 dBV/m</b>	Grid 8 <b>M4</b> <b>21.99 dBV/m</b>	Grid 9 <b>M4</b> <b>21.99 dBV/m</b>

**Cursor:**

Total = 21.99 dBV/m

E Category: M4

Location: -8.5, 17.5, 8.7 mm



0 dB = 12.58 V/m = 21.99 dBV/m

## #24\_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 Sn854; Calibrated: 2018/6/14
- 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 = 12.66 V/m; Power Drift = -0.19 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.20 dBV/m

**Emission category: M4**

MIF scaled E-field

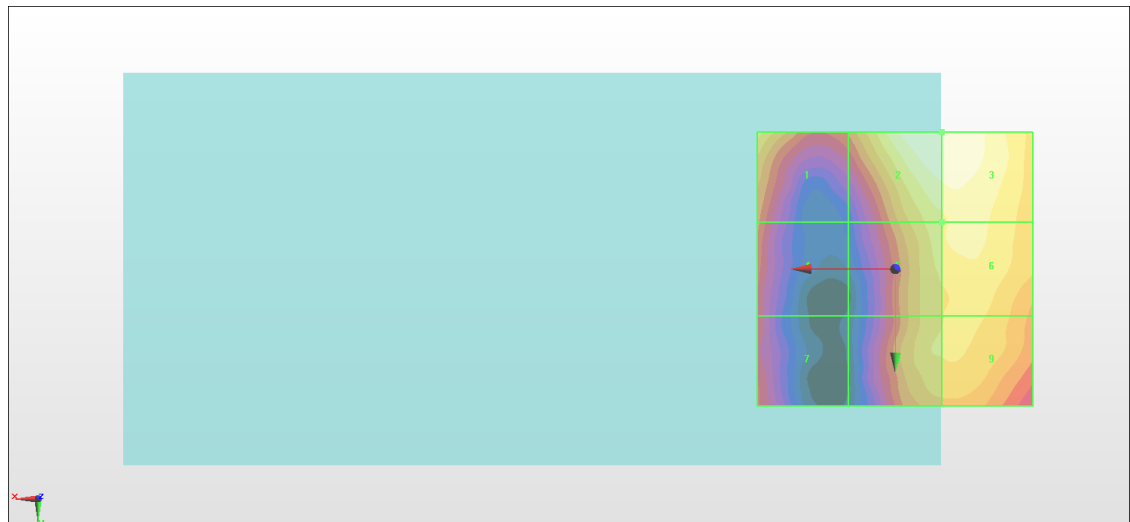
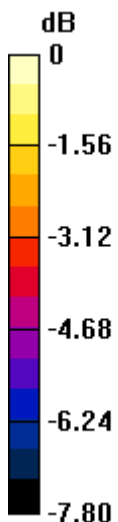
Grid 1 <b>M4</b> <b>19.91 dBV/m</b>	Grid 2 <b>M4</b> <b>21.2 dBV/m</b>	Grid 3 <b>M4</b> <b>21.2 dBV/m</b>
Grid 4 <b>M4</b> <b>18.25 dBV/m</b>	Grid 5 <b>M4</b> <b>20.08 dBV/m</b>	Grid 6 <b>M4</b> <b>20.34 dBV/m</b>
Grid 7 <b>M4</b> <b>17.74 dBV/m</b>	Grid 8 <b>M4</b> <b>19.69 dBV/m</b>	Grid 9 <b>M4</b> <b>19.79 dBV/m</b>

**Cursor:**

Total = 21.20 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 11.48 V/m = 21.20 dBV/m



## #25\_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 Sn854; Calibrated: 2018/6/14
- 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 = 10.26 V/m; Power Drift = -0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.41 dBV/m

**Emission category: M4**

MIF scaled E-field

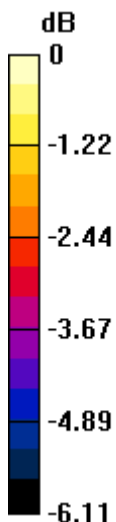
Grid 1 <b>M4</b> <b>20.41 dBV/m</b>	Grid 2 <b>M4</b> <b>20.12 dBV/m</b>	Grid 3 <b>M4</b> <b>20.13 dBV/m</b>
Grid 4 <b>M4</b> <b>18.87 dBV/m</b>	Grid 5 <b>M4</b> <b>19.31 dBV/m</b>	Grid 6 <b>M4</b> <b>19.44 dBV/m</b>
Grid 7 <b>M4</b> <b>17.9 dBV/m</b>	Grid 8 <b>M4</b> <b>19.7 dBV/m</b>	Grid 9 <b>M4</b> <b>19.7 dBV/m</b>

**Cursor:**

Total = 20.41 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 10.48 V/m = 20.41 dBV/m

## #26\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); 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 Sn854; Calibrated: 2018/6/14
- 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 = 34.96 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.28 dBV/m

**Emission category: M4**

MIF scaled E-field

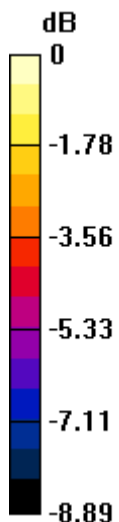
Grid 1 <b>M4</b> <b>24.19 dBV/m</b>	Grid 2 <b>M4</b> <b>26.23 dBV/m</b>	Grid 3 <b>M4</b> <b>26.23 dBV/m</b>
Grid 4 <b>M4</b> <b>27.19 dBV/m</b>	Grid 5 <b>M4</b> <b>28.95 dBV/m</b>	Grid 6 <b>M4</b> <b>28.87 dBV/m</b>
Grid 7 <b>M4</b> <b>27.52 dBV/m</b>	Grid 8 <b>M4</b> <b>29.28 dBV/m</b>	Grid 9 <b>M4</b> <b>29.05 dBV/m</b>

**Cursor:**

Total = 29.28 dBV/m

E Category: M4

Location: -4.5, 24.5, 7.7 mm



0 dB = 29.11 V/m = 29.28 dBV/m

### #27\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); 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 Sn854; Calibrated: 2018/6/14
- 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 = 38.04 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.84 dBV/m

**Emission category: M4**

MIF scaled E-field

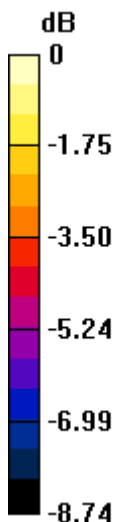
Grid 1 <b>M4</b> <b>24.81 dBV/m</b>	Grid 2 <b>M4</b> <b>26.86 dBV/m</b>	Grid 3 <b>M4</b> <b>26.84 dBV/m</b>
Grid 4 <b>M4</b> <b>27.84 dBV/m</b>	Grid 5 <b>M4</b> <b>29.6 dBV/m</b>	Grid 6 <b>M4</b> <b>29.5 dBV/m</b>
Grid 7 <b>M4</b> <b>28.1 dBV/m</b>	Grid 8 <b>M4</b> <b>29.84 dBV/m</b>	Grid 9 <b>M4</b> <b>29.64 dBV/m</b>

**Cursor:**

Total = 29.84 dBV/m

E Category: M4

Location: -4.5, 23.5, 7.7 mm



0 dB = 31.03 V/m = 29.84 dBV/m

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

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); 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 Sn854; Calibrated: 2018/6/14
- 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 = 39.32 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.77 dBV/m

**Emission category: M4**

MIF scaled E-field

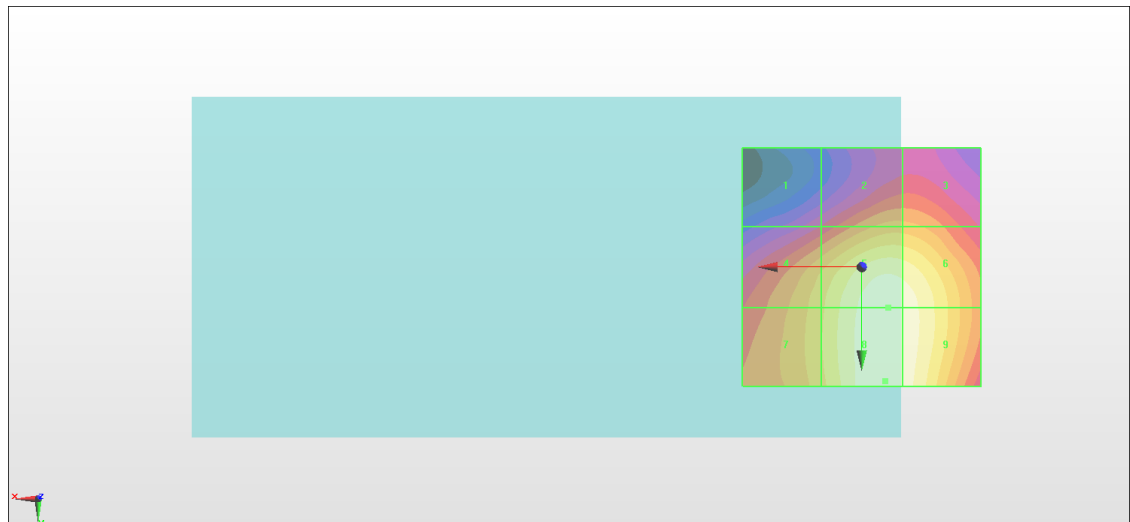
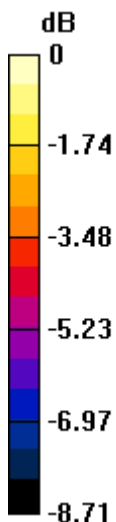
Grid 1 <b>M4</b> <b>25.2 dBV/m</b>	Grid 2 <b>M4</b> <b>27.16 dBV/m</b>	Grid 3 <b>M4</b> <b>27.13 dBV/m</b>
Grid 4 <b>M4</b> <b>27.91 dBV/m</b>	Grid 5 <b>M4</b> <b>29.65 dBV/m</b>	Grid 6 <b>M4</b> <b>29.56 dBV/m</b>
Grid 7 <b>M4</b> <b>27.99 dBV/m</b>	Grid 8 <b>M4</b> <b>29.77 dBV/m</b>	Grid 9 <b>M4</b> <b>29.61 dBV/m</b>

**Cursor:**

Total = 29.77 dBV/m

E Category: M4

Location: -5, 24, 7.7 mm



0 dB = 30.80 V/m = 29.77 dBV/m