

## #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 Sn917; Calibrated: 2017/12/14
- 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 = 30.36 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.50 dBV/m

**Emission category: M4**

MIF scaled E-field

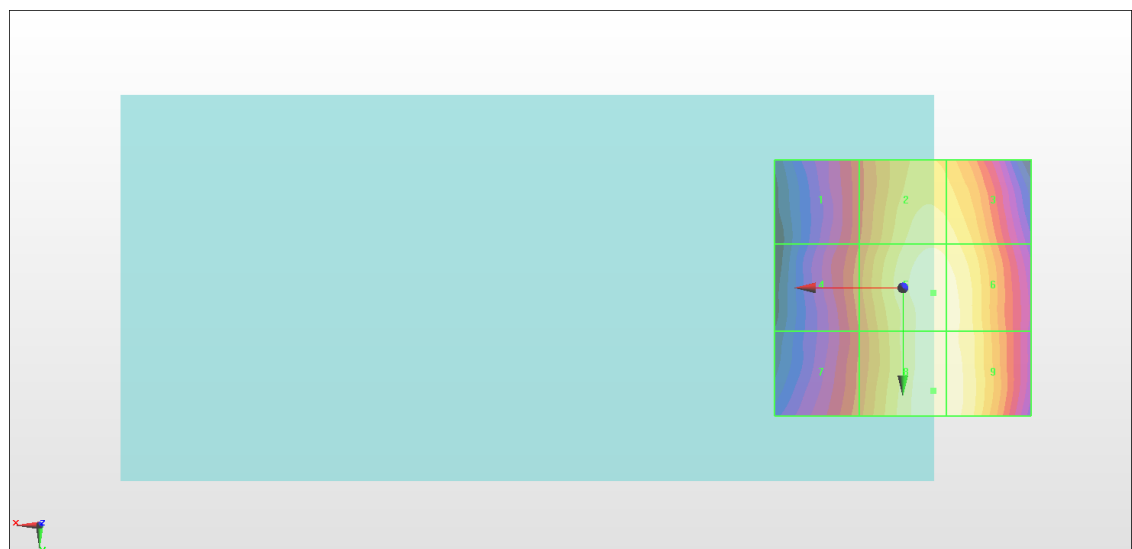
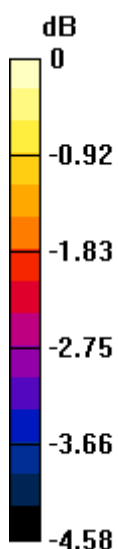
Grid 1 <b>M4</b> <b>29.67 dBV/m</b>	Grid 2 <b>M4</b> <b>31.17 dBV/m</b>	Grid 3 <b>M4</b> <b>31.1 dBV/m</b>
Grid 4 <b>M4</b> <b>29.87 dBV/m</b>	Grid 5 <b>M4</b> <b>31.41 dBV/m</b>	Grid 6 <b>M4</b> <b>31.38 dBV/m</b>
Grid 7 <b>M4</b> <b>29.89 dBV/m</b>	Grid 8 <b>M4</b> <b>31.5 dBV/m</b>	Grid 9 <b>M4</b> <b>31.44 dBV/m</b>

**Cursor:**

Total = 31.50 dBV/m

E Category: M4

Location: -6, 20, 8.7 mm



0 dB = 37.57 V/m = 31.50 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 Sn917; Calibrated: 2017/12/14
- 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 = 24.42 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.84 dBV/m

**Emission category: M4**

MIF scaled E-field

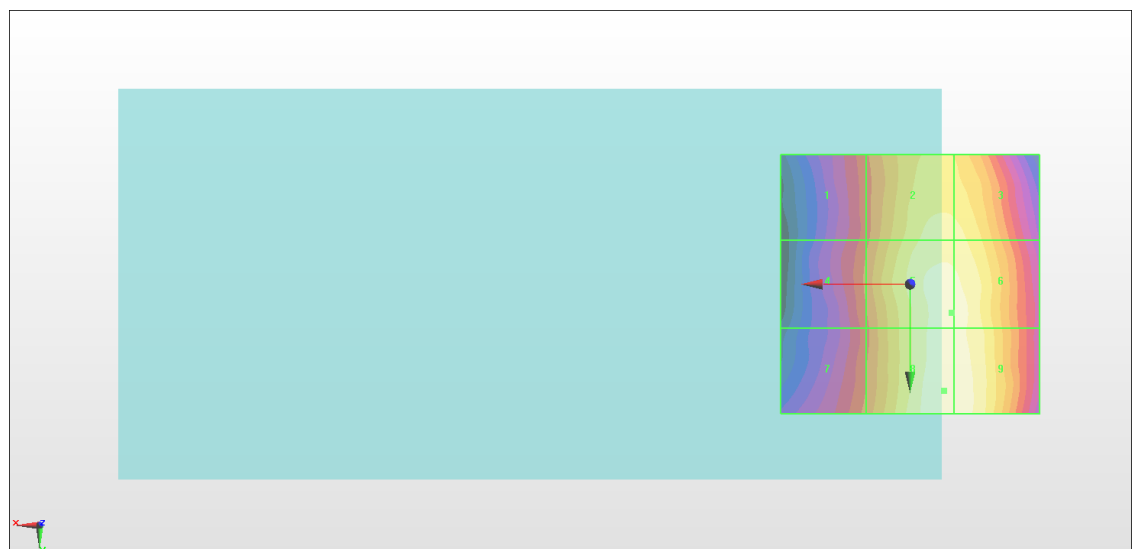
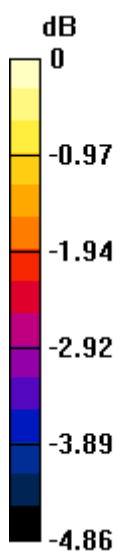
Grid 1 <b>M4</b> <b>27.84 dBV/m</b>	Grid 2 <b>M4</b> <b>29.4 dBV/m</b>	Grid 3 <b>M4</b> <b>29.35 dBV/m</b>
Grid 4 <b>M4</b> <b>27.99 dBV/m</b>	Grid 5 <b>M4</b> <b>29.69 dBV/m</b>	Grid 6 <b>M4</b> <b>29.69 dBV/m</b>
Grid 7 <b>M4</b> <b>28.03 dBV/m</b>	Grid 8 <b>M4</b> <b>29.84 dBV/m</b>	Grid 9 <b>M4</b> <b>29.79 dBV/m</b>

**Cursor:**

Total = 29.84 dBV/m

E Category: M4

Location: -6.5, 20.5, 8.7 mm



0 dB = 31.04 V/m = 29.84 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 Sn917; Calibrated: 2017/12/14
- 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 = 21.58 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.20 dBV/m

**Emission category: M4**

MIF scaled E-field

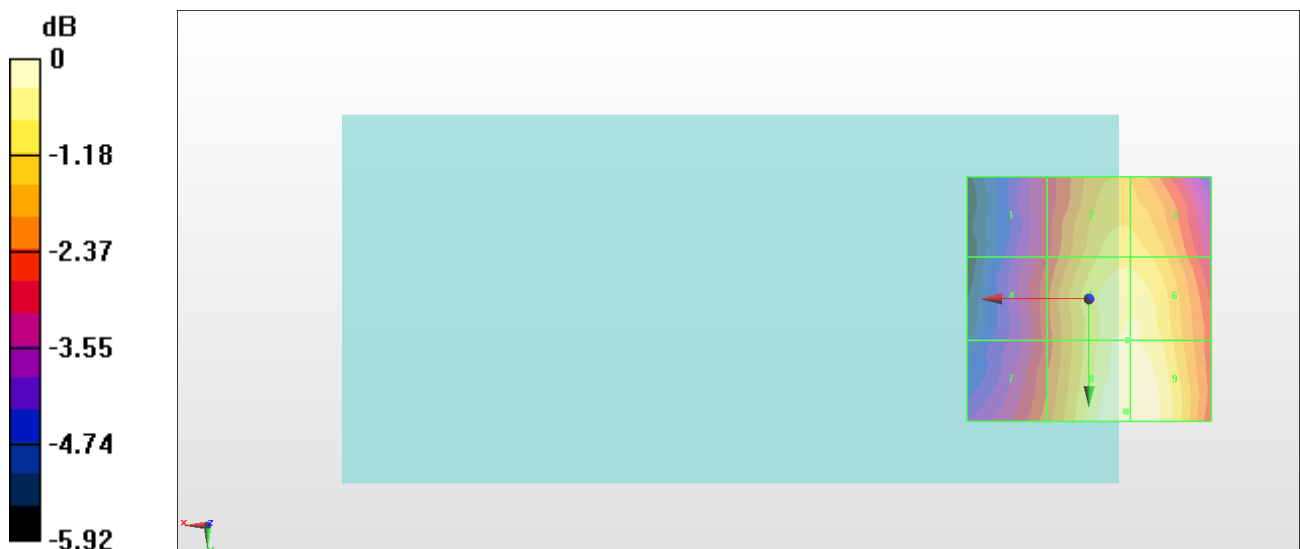
Grid 1 <b>M4</b> <b>26.39 dBV/m</b>	Grid 2 <b>M4</b> <b>28.33 dBV/m</b>	Grid 3 <b>M4</b> <b>28.29 dBV/m</b>
Grid 4 <b>M4</b> <b>26.77 dBV/m</b>	Grid 5 <b>M4</b> <b>28.87 dBV/m</b>	Grid 6 <b>M4</b> <b>28.87 dBV/m</b>
Grid 7 <b>M4</b> <b>27.1 dBV/m</b>	Grid 8 <b>M4</b> <b>29.2 dBV/m</b>	Grid 9 <b>M4</b> <b>29.19 dBV/m</b>

**Cursor:**

Total = 29.20 dBV/m

E Category: M4

Location: -7.5, 23, 8.7 mm



0 dB = 28.84 V/m = 29.20 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 Sn917; Calibrated: 2017/12/14
- 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 = 16.27 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.13 dBV/m

**Emission category: M4**

MIF scaled E-field

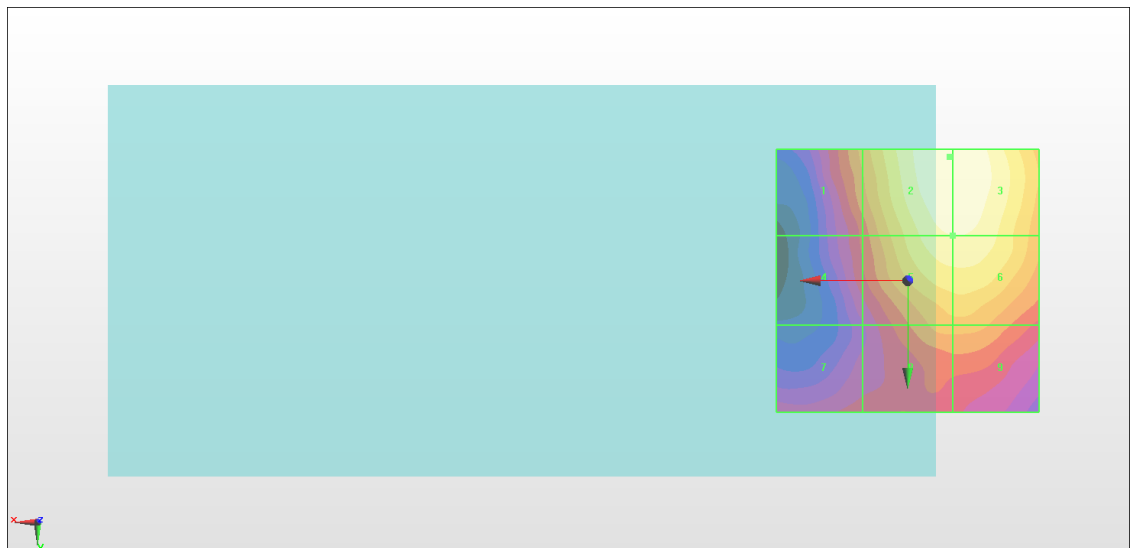
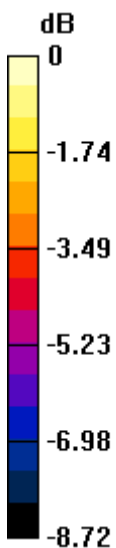
Grid 1 <b>M4</b> <b>25.5 dBV/m</b>	Grid 2 <b>M4</b> <b>28.13 dBV/m</b>	Grid 3 <b>M4</b> <b>28.12 dBV/m</b>
Grid 4 <b>M4</b> <b>24.29 dBV/m</b>	Grid 5 <b>M4</b> <b>27.54 dBV/m</b>	Grid 6 <b>M4</b> <b>27.55 dBV/m</b>
Grid 7 <b>M4</b> <b>23.85 dBV/m</b>	Grid 8 <b>M4</b> <b>25.5 dBV/m</b>	Grid 9 <b>M4</b> <b>25.51 dBV/m</b>

**Cursor:**

Total = 28.13 dBV/m

E Category: M4

Location: -8, -23.5, 8.7 mm



0 dB = 25.49 V/m = 28.13 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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- 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 = 14.61 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.07 dBV/m

**Emission category: M4**

MIF scaled E-field

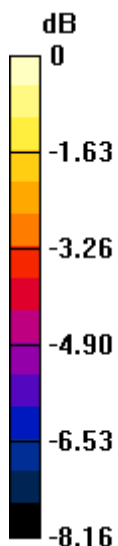
Grid 1 <b>M4</b> <b>24.15 dBV/m</b>	Grid 2 <b>M4</b> <b>27.07 dBV/m</b>	Grid 3 <b>M4</b> <b>27.07 dBV/m</b>
Grid 4 <b>M4</b> <b>23.14 dBV/m</b>	Grid 5 <b>M4</b> <b>26.58 dBV/m</b>	Grid 6 <b>M4</b> <b>26.59 dBV/m</b>
Grid 7 <b>M4</b> <b>23.32 dBV/m</b>	Grid 8 <b>M4</b> <b>24.72 dBV/m</b>	Grid 9 <b>M4</b> <b>24.72 dBV/m</b>

**Cursor:**

Total = 27.07 dBV/m

E Category: M4

Location: -7, -20.5, 8.7 mm



0 dB = 22.56 V/m = 27.07 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 Sn917; Calibrated: 2017/12/14
- 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 = 14.01 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.69 dBV/m

**Emission category: M4**

MIF scaled E-field

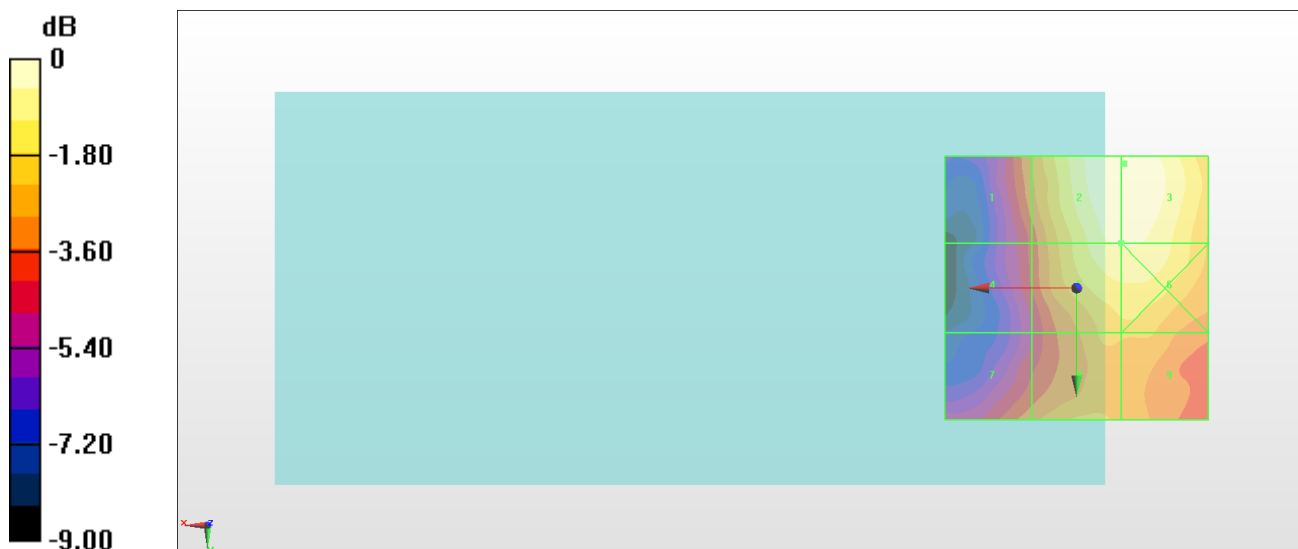
Grid 1 <b>M4</b> <b>23.78 dBV/m</b>	Grid 2 <b>M4</b> <b>26.69 dBV/m</b>	Grid 3 <b>M4</b> <b>26.69 dBV/m</b>
Grid 4 <b>M4</b> <b>22.75 dBV/m</b>	Grid 5 <b>M4</b> <b>26.14 dBV/m</b>	Grid 6 <b>M4</b> <b>26.16 dBV/m</b>
Grid 7 <b>M4</b> <b>23.55 dBV/m</b>	Grid 8 <b>M4</b> <b>24.49 dBV/m</b>	Grid 9 <b>M4</b> <b>24.46 dBV/m</b>

**Cursor:**

Total = 26.69 dBV/m

E Category: M4

Location: -9, -23.5, 8.7 mm



0 dB = 21.60 V/m = 26.69 dBV/m

### #07\_HAC\_E\_CDMA BC0\_1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 13.90 V/m; Power Drift = -0.14 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.63 dBV/m

**Emission category: M4**

MIF scaled E-field

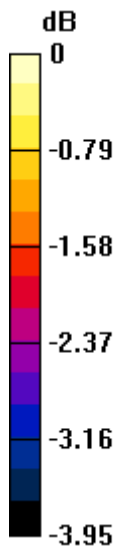
Grid 1 <b>M4</b> <b>22.97 dBV/m</b>	Grid 2 <b>M4</b> <b>24.28 dBV/m</b>	Grid 3 <b>M4</b> <b>24.2 dBV/m</b>
Grid 4 <b>M4</b> <b>23.21 dBV/m</b>	Grid 5 <b>M4</b> <b>24.57 dBV/m</b>	Grid 6 <b>M4</b> <b>24.52 dBV/m</b>
Grid 7 <b>M4</b> <b>22.95 dBV/m</b>	Grid 8 <b>M4</b> <b>24.63 dBV/m</b>	Grid 9 <b>M4</b> <b>24.53 dBV/m</b>

**Cursor:**

Total = 24.63 dBV/m

E Category: M4

Location: -6, 20, 8.7 mm



0 dB = 17.04 V/m = 24.63 dBV/m

## #08\_HAC\_E\_CDMA BC0\_1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 11.32 V/m; Power Drift = -0.22 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.31 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.26 dBV/m</b>	Grid 2 <b>M4</b> <b>22.56 dBV/m</b>	Grid 3 <b>M4</b> <b>22.52 dBV/m</b>
Grid 4 <b>M4</b> <b>21.44 dBV/m</b>	Grid 5 <b>M4</b> <b>23.13 dBV/m</b>	Grid 6 <b>M4</b> <b>23.16 dBV/m</b>
Grid 7 <b>M4</b> <b>21.45 dBV/m</b>	Grid 8 <b>M4</b> <b>23.31 dBV/m</b>	Grid 9 <b>M4</b> <b>23.07 dBV/m</b>

**Cursor:**

Total = 23.31 dBV/m

E Category: M4

Location: -5.5, 20, 8.7 mm



0 dB = 14.64 V/m = 23.31 dBV/m



### #09\_HAC\_E\_CDMA BC0\_1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 9.361 V/m; Power Drift = 0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.27 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>21.23 dBV/m</b>	Grid 3 <b>M4</b> <b>21.06 dBV/m</b>
Grid 4 <b>M4</b> <b>20.04 dBV/m</b>	Grid 5 <b>M4</b> <b>21.97 dBV/m</b>	Grid 6 <b>M4</b> <b>22.01 dBV/m</b>
Grid 7 <b>M4</b> <b>20.09 dBV/m</b>	Grid 8 <b>M4</b> <b>22.27 dBV/m</b>	Grid 9 <b>M4</b> <b>22.27 dBV/m</b>

**Cursor:**

Total = 22.27 dBV/m

E Category: M4

Location: -6, 20.5, 8.7 mm



0 dB = 12.99 V/m = 22.27 dBV/m

## #10\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 10.01 V/m; Power Drift = -0.11 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.56 dBV/m

**Emission category: M4**

MIF scaled E-field

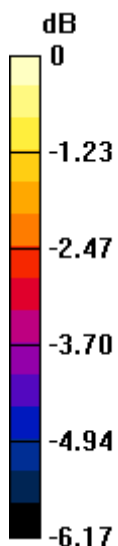
<b>Grid 1 M4</b> <b>21.54 dBV/m</b>	<b>Grid 2 M4</b> <b>23.55 dBV/m</b>	<b>Grid 3 M4</b> <b>23.56 dBV/m</b>
<b>Grid 4 M4</b> <b>20.3 dBV/m</b>	<b>Grid 5 M4</b> <b>23.09 dBV/m</b>	<b>Grid 6 M4</b> <b>23.13 dBV/m</b>
<b>Grid 7 M4</b> <b>20.69 dBV/m</b>	<b>Grid 8 M4</b> <b>21.44 dBV/m</b>	<b>Grid 9 M4</b> <b>21.45 dBV/m</b>

**Cursor:**

Total = 23.56 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 15.06 V/m = 23.56 dBV/m

## #11\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 9.150 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.00 dBV/m

**Emission category: M4**

MIF scaled E-field

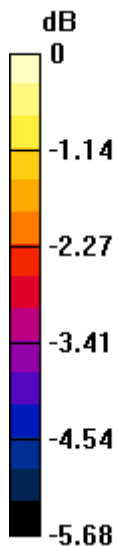
<b>Grid 1 M4</b> <b>20.72 dBV/m</b>	<b>Grid 2 M4</b> <b>22.99 dBV/m</b>	<b>Grid 3 M4</b> <b>23 dBV/m</b>
<b>Grid 4 M4</b> <b>19.63 dBV/m</b>	<b>Grid 5 M4</b> <b>22.4 dBV/m</b>	<b>Grid 6 M4</b> <b>22.44 dBV/m</b>
<b>Grid 7 M4</b> <b>20.42 dBV/m</b>	<b>Grid 8 M4</b> <b>21.22 dBV/m</b>	<b>Grid 9 M4</b> <b>21.22 dBV/m</b>

**Cursor:**

Total = 23.00 dBV/m

E Category: M4

Location: -9.5, -24, 8.7 mm



0 dB = 14.13 V/m = 23.00 dBV/m

## #12\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 9.259 V/m; Power Drift = -0.10 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.65 dBV/m

**Emission category: M4**

MIF scaled E-field

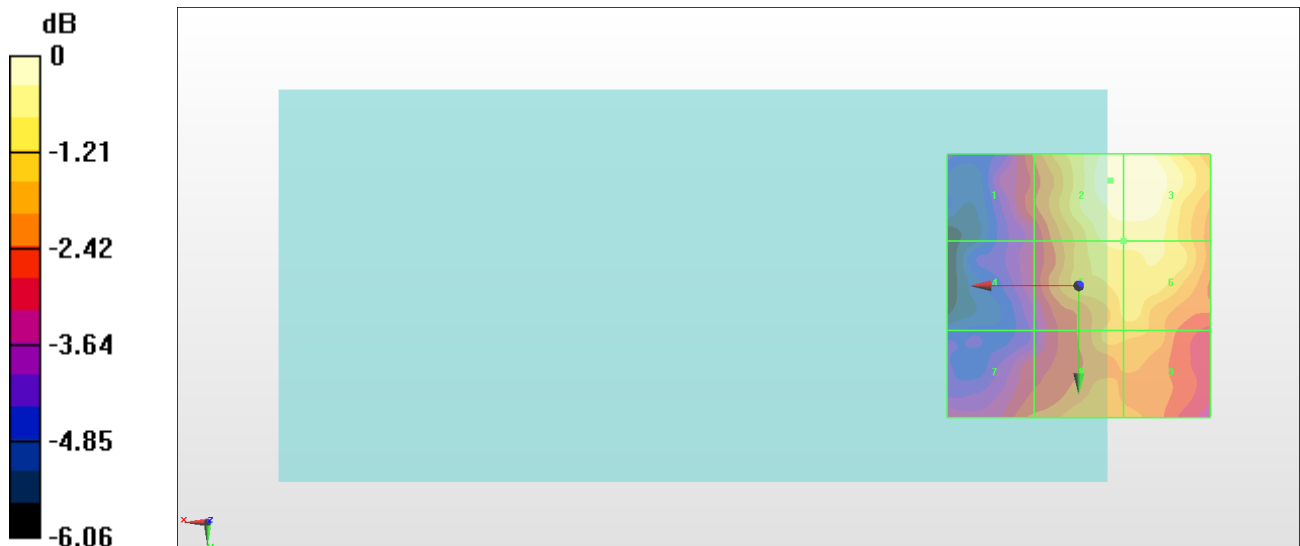
<b>Grid 1 M4</b> <b>20.32 dBV/m</b>	<b>Grid 2 M4</b> <b>22.65 dBV/m</b>	<b>Grid 3 M4</b> <b>22.65 dBV/m</b>
<b>Grid 4 M4</b> <b>19.55 dBV/m</b>	<b>Grid 5 M4</b> <b>22 dBV/m</b>	<b>Grid 6 M4</b> <b>22.03 dBV/m</b>
<b>Grid 7 M4</b> <b>20.36 dBV/m</b>	<b>Grid 8 M4</b> <b>21.22 dBV/m</b>	<b>Grid 9 M4</b> <b>21.22 dBV/m</b>

**Cursor:**

Total = 22.65 dBV/m

E Category: M4

Location: -6, -20, 8.7 mm



0 dB = 13.57 V/m = 22.65 dBV/m

### #13\_HAC\_E\_CDMA BC10\_1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 14.48 V/m; Power Drift = -0.12 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.09 dBV/m

**Emission category: M4**

MIF scaled E-field

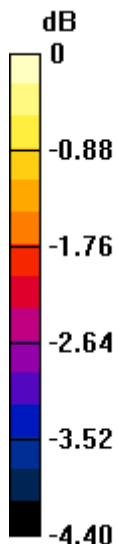
Grid 1 <b>M4</b> <b>23.18 dBV/m</b>	Grid 2 <b>M4</b> <b>24.56 dBV/m</b>	Grid 3 <b>M4</b> <b>24.42 dBV/m</b>
Grid 4 <b>M4</b> <b>23.38 dBV/m</b>	Grid 5 <b>M4</b> <b>24.97 dBV/m</b>	Grid 6 <b>M4</b> <b>24.97 dBV/m</b>
Grid 7 <b>M4</b> <b>23.51 dBV/m</b>	Grid 8 <b>M4</b> <b>25.09 dBV/m</b>	Grid 9 <b>M4</b> <b>24.97 dBV/m</b>

**Cursor:**

Total = 25.09 dBV/m

E Category: M4

Location: -6, 20, 8.7 mm



0 dB = 17.97 V/m = 25.09 dBV/m

### #14\_HAC\_E\_CDMA BC10\_1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 14.71 V/m; Power Drift = -0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.16 dBV/m

**Emission category: M4**

MIF scaled E-field

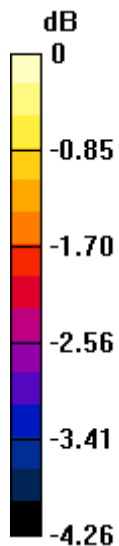
<b>Grid 1 M4</b> <b>23.33 dBV/m</b>	<b>Grid 2 M4</b> <b>24.58 dBV/m</b>	<b>Grid 3 M4</b> <b>24.52 dBV/m</b>
<b>Grid 4 M4</b> <b>23.49 dBV/m</b>	<b>Grid 5 M4</b> <b>25.02 dBV/m</b>	<b>Grid 6 M4</b> <b>25.03 dBV/m</b>
<b>Grid 7 M4</b> <b>23.51 dBV/m</b>	<b>Grid 8 M4</b> <b>25.16 dBV/m</b>	<b>Grid 9 M4</b> <b>25.09 dBV/m</b>

**Cursor:**

Total = 25.16 dBV/m

E Category: M4

Location: -6, 20, 8.7 mm



0 dB = 18.12 V/m = 25.16 dBV/m

## #15\_HAC\_E\_CDMA BC10\_1xRTT, RC1 SO3\_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 Sn917; Calibrated: 2017/12/14
- 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 = 14.39 V/m; Power Drift = -0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.89 dBV/m

**Emission category: M4**

MIF scaled E-field

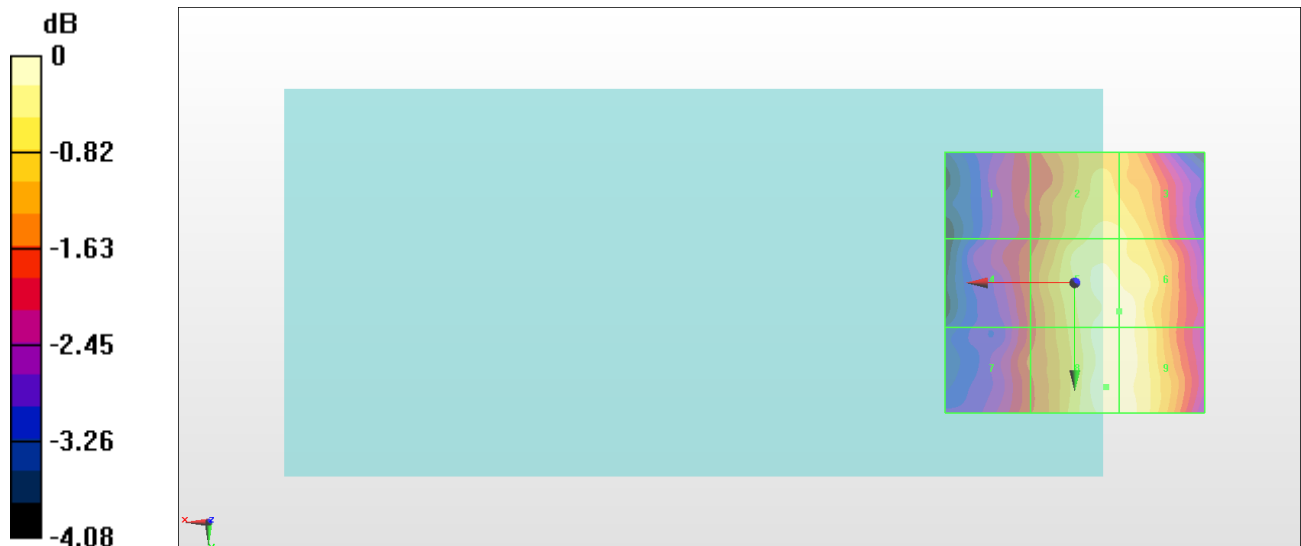
Grid 1 <b>M4</b> <b>23.11 dBV/m</b>	Grid 2 <b>M4</b> <b>24.49 dBV/m</b>	Grid 3 <b>M4</b> <b>24.42 dBV/m</b>
Grid 4 <b>M4</b> <b>23.3 dBV/m</b>	Grid 5 <b>M4</b> <b>24.84 dBV/m</b>	Grid 6 <b>M4</b> <b>24.85 dBV/m</b>
Grid 7 <b>M4</b> <b>23.33 dBV/m</b>	Grid 8 <b>M4</b> <b>24.89 dBV/m</b>	Grid 9 <b>M4</b> <b>24.84 dBV/m</b>

**Cursor:**

Total = 24.89 dBV/m

E Category: M4

Location: -6, 20, 8.7 mm



0 dB = 17.55 V/m = 24.89 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- 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 = 12.90 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.56 dBV/m

**Emission category: M4**

MIF scaled E-field

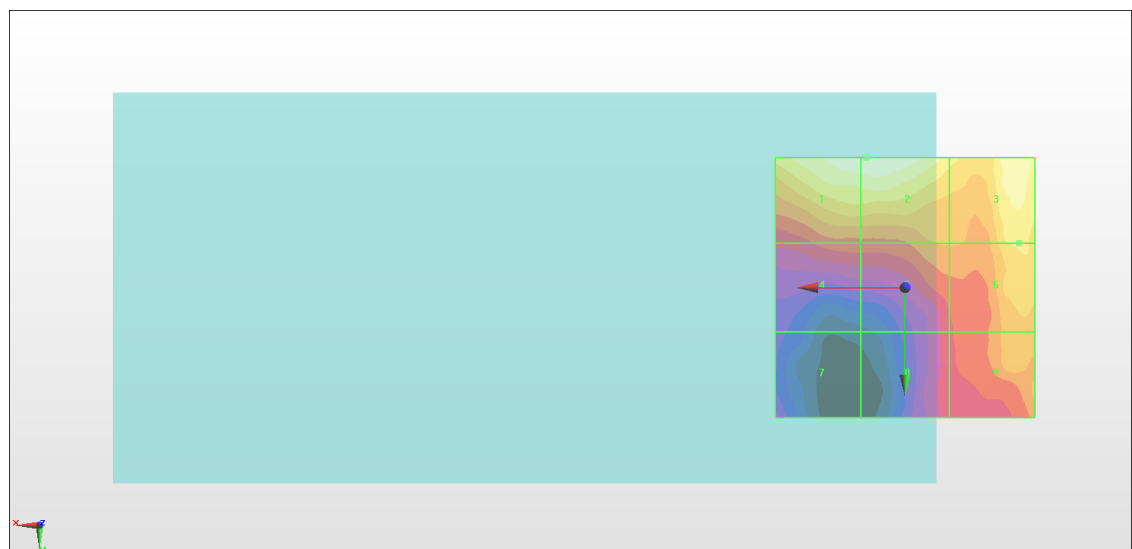
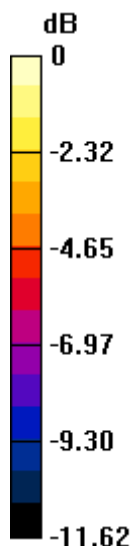
Grid 1 <b>M4</b> <b>25.55 dBV/m</b>	Grid 2 <b>M4</b> <b>25.56 dBV/m</b>	Grid 3 <b>M4</b> <b>24.54 dBV/m</b>
Grid 4 <b>M4</b> <b>20.65 dBV/m</b>	Grid 5 <b>M4</b> <b>21.75 dBV/m</b>	Grid 6 <b>M4</b> <b>23.41 dBV/m</b>
Grid 7 <b>M4</b> <b>18.18 dBV/m</b>	Grid 8 <b>M4</b> <b>19.94 dBV/m</b>	Grid 9 <b>M4</b> <b>22.32 dBV/m</b>

**Cursor:**

Total = 25.56 dBV/m

E Category: M4

Location: 7.5, -25, 8.7 mm



0 dB = 18.96 V/m = 25.56 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- 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 = 10.87 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.73 dBV/m

**Emission category: M4**

MIF scaled E-field

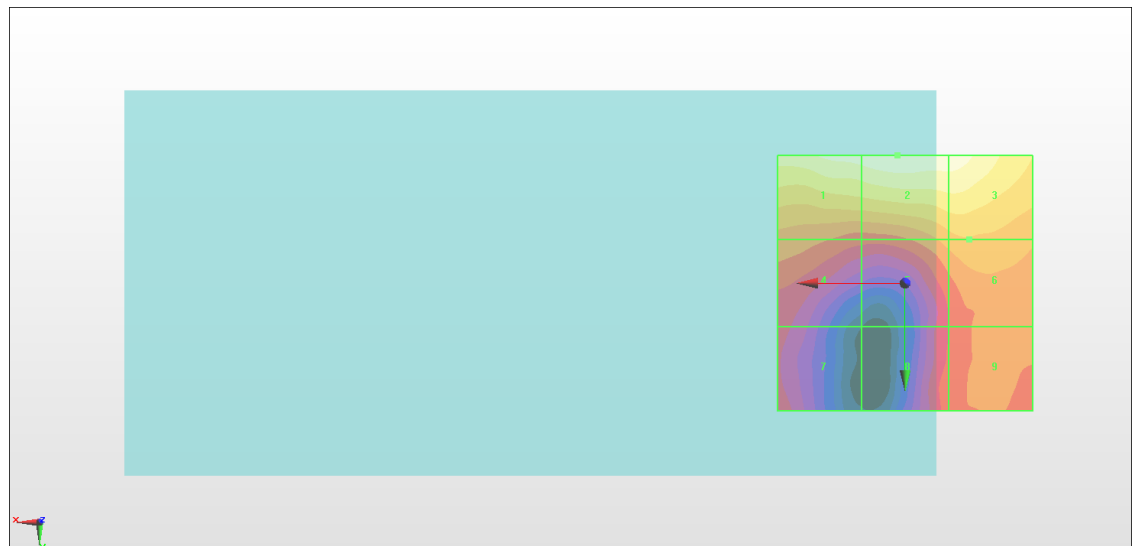
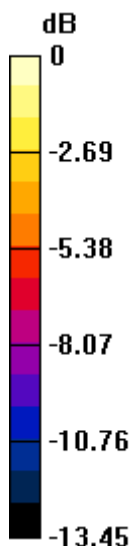
<b>Grid 1 M4</b> <b>25.34 dBV/m</b>	<b>Grid 2 M4</b> <b>25.73 dBV/m</b>	<b>Grid 3 M4</b> <b>25.44 dBV/m</b>
<b>Grid 4 M4</b> <b>20.96 dBV/m</b>	<b>Grid 5 M4</b> <b>21.71 dBV/m</b>	<b>Grid 6 M4</b> <b>22.08 dBV/m</b>
<b>Grid 7 M4</b> <b>19.37 dBV/m</b>	<b>Grid 8 M4</b> <b>19.85 dBV/m</b>	<b>Grid 9 M4</b> <b>20.66 dBV/m</b>

**Cursor:**

Total = 25.73 dBV/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 19.35 V/m = 25.73 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- 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 = 13.75 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.76 dBV/m

**Emission category: M4**

MIF scaled E-field

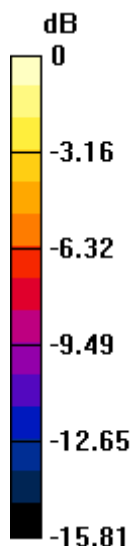
<b>Grid 1 M4</b> <b>26.24 dBV/m</b>	<b>Grid 2 M4</b> <b>26.76 dBV/m</b>	<b>Grid 3 M4</b> <b>24.8 dBV/m</b>
<b>Grid 4 M4</b> <b>20.4 dBV/m</b>	<b>Grid 5 M4</b> <b>22.3 dBV/m</b>	<b>Grid 6 M4</b> <b>22.7 dBV/m</b>
<b>Grid 7 M4</b> <b>17.15 dBV/m</b>	<b>Grid 8 M4</b> <b>20.52 dBV/m</b>	<b>Grid 9 M4</b> <b>20.96 dBV/m</b>

**Cursor:**

Total = 26.76 dBV/m

E Category: M4

Location: 5, -25, 8.7 mm



0 dB = 21.77 V/m = 26.76 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- 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 = 21.45 V/m; Power Drift = -0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.09 dBV/m

**Emission category: M4**

MIF scaled E-field

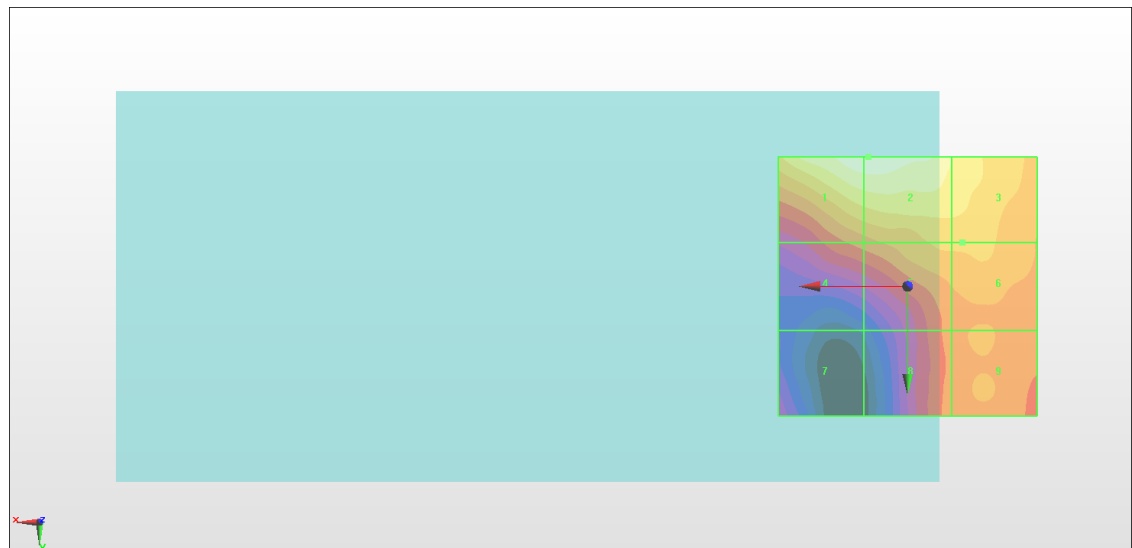
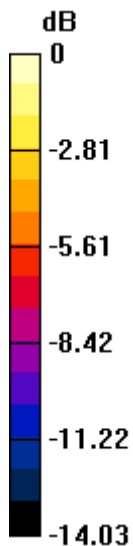
<b>Grid 1 M4</b> <b>29.06 dBV/m</b>	<b>Grid 2 M4</b> <b>29.09 dBV/m</b>	<b>Grid 3 M4</b> <b>27.3 dBV/m</b>
<b>Grid 4 M4</b> <b>23.99 dBV/m</b>	<b>Grid 5 M4</b> <b>25.64 dBV/m</b>	<b>Grid 6 M4</b> <b>25.68 dBV/m</b>
<b>Grid 7 M4</b> <b>20.56 dBV/m</b>	<b>Grid 8 M4</b> <b>23.95 dBV/m</b>	<b>Grid 9 M4</b> <b>24.58 dBV/m</b>

**Cursor:**

Total = 29.09 dBV/m

E Category: M4

Location: 7.5, -25, 8.7 mm



0 dB = 28.47 V/m = 29.09 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- 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 = 17.59 V/m; Power Drift = -0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 28.89 dBV/m

**Emission category: M4**

MIF scaled E-field

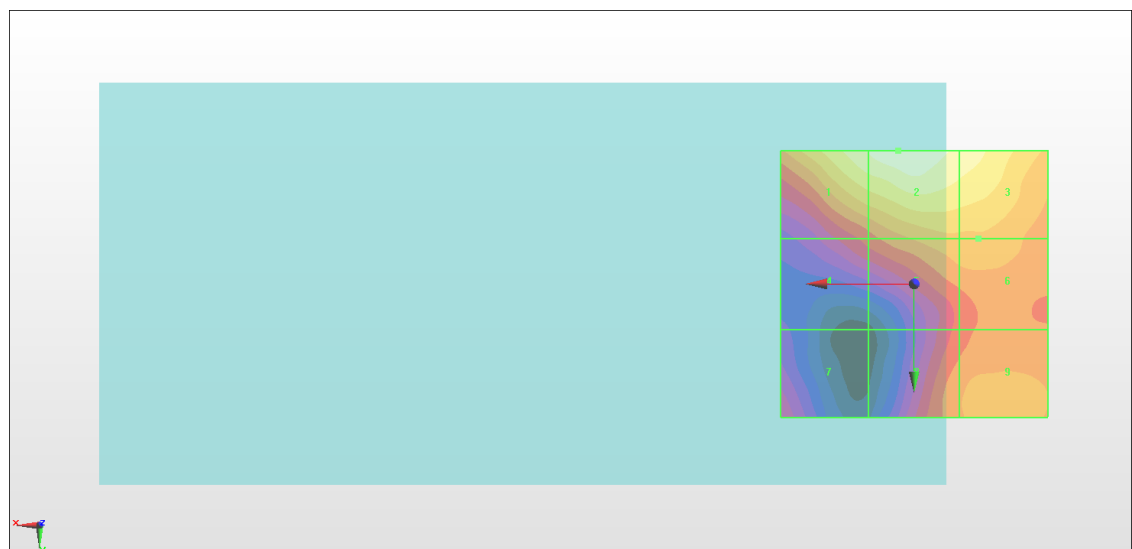
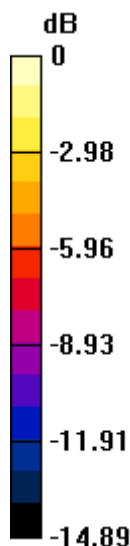
Grid 1 <b>M4</b> <b>28.04 dBV/m</b>	Grid 2 <b>M4</b> <b>28.89 dBV/m</b>	Grid 3 <b>M4</b> <b>27.77 dBV/m</b>
Grid 4 <b>M4</b> <b>22.47 dBV/m</b>	Grid 5 <b>M4</b> <b>24.75 dBV/m</b>	Grid 6 <b>M4</b> <b>24.8 dBV/m</b>
Grid 7 <b>M4</b> <b>21.13 dBV/m</b>	Grid 8 <b>M4</b> <b>23.86 dBV/m</b>	Grid 9 <b>M4</b> <b>24.72 dBV/m</b>

**Cursor:**

Total = 28.89 dBV/m

E Category: M4

Location: 3, -25, 8.7 mm



0 dB = 27.82 V/m = 28.89 dBV/m

## #21\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 Sn917; Calibrated: 2017/12/14
- 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 = 11.44 V/m; Power Drift = 0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.70 dBV/m

**Emission category: M4**

MIF scaled E-field

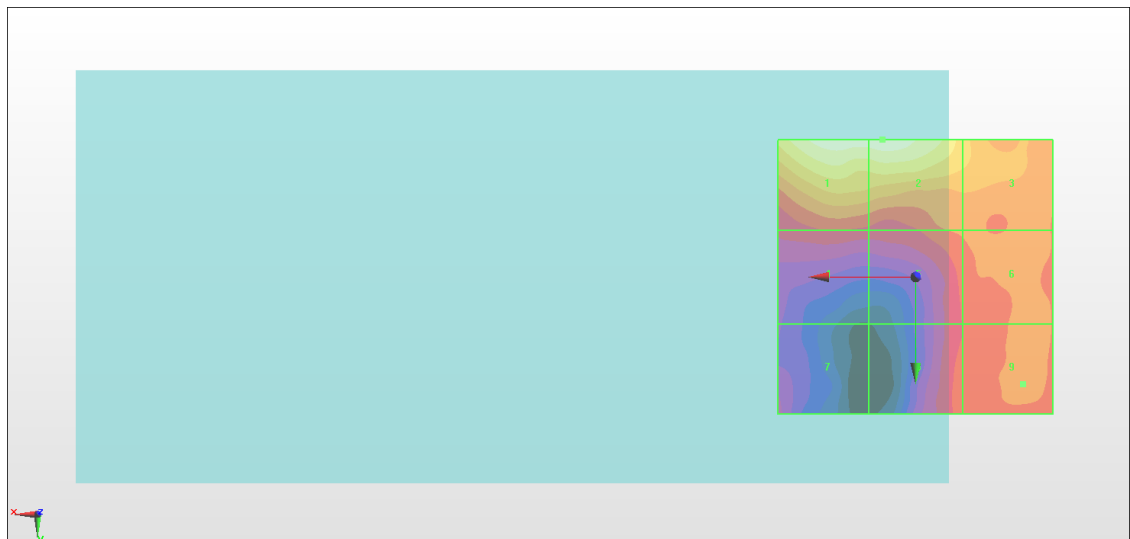
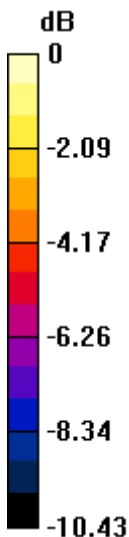
<b>Grid 1 M4</b> <b>23.6 dBV/m</b>	<b>Grid 2 M4</b> <b>23.7 dBV/m</b>	<b>Grid 3 M4</b> <b>21.25 dBV/m</b>
<b>Grid 4 M4</b> <b>18.9 dBV/m</b>	<b>Grid 5 M4</b> <b>19.63 dBV/m</b>	<b>Grid 6 M4</b> <b>19.86 dBV/m</b>
<b>Grid 7 M4</b> <b>17.82 dBV/m</b>	<b>Grid 8 M4</b> <b>19.09 dBV/m</b>	<b>Grid 9 M4</b> <b>20 dBV/m</b>

**Cursor:**

Total = 23.70 dBV/m

E Category: M4

Location: 6, -25, 8.7 mm



0 dB = 15.32 V/m = 23.71 dBV/m

## #22\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 Sn917; Calibrated: 2017/12/14
- 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 = 8.868 V/m; Power Drift = 0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.95 dBV/m

**Emission category: M4**

MIF scaled E-field

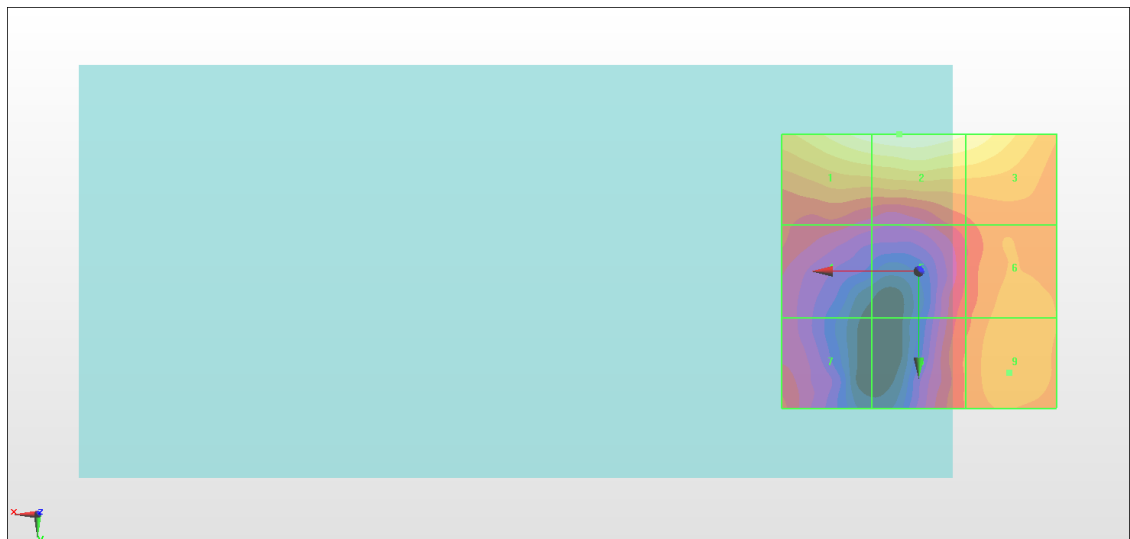
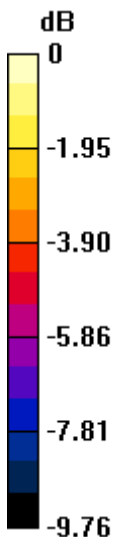
Grid 1 <b>M4</b> <b>22.73 dBV/m</b>	Grid 2 <b>M4</b> <b>22.95 dBV/m</b>	Grid 3 <b>M4</b> <b>22.36 dBV/m</b>
Grid 4 <b>M4</b> <b>18.59 dBV/m</b>	Grid 5 <b>M4</b> <b>18.82 dBV/m</b>	Grid 6 <b>M4</b> <b>20.04 dBV/m</b>
Grid 7 <b>M4</b> <b>18.7 dBV/m</b>	Grid 8 <b>M4</b> <b>19.15 dBV/m</b>	Grid 9 <b>M4</b> <b>20.3 dBV/m</b>

**Cursor:**

Total = 22.95 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



0 dB = 14.04 V/m = 22.95 dBV/m

### #23\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 Sn917; Calibrated: 2017/12/14
- 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 = 12.15 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.69 dBV/m

**Emission category: M4**

MIF scaled E-field

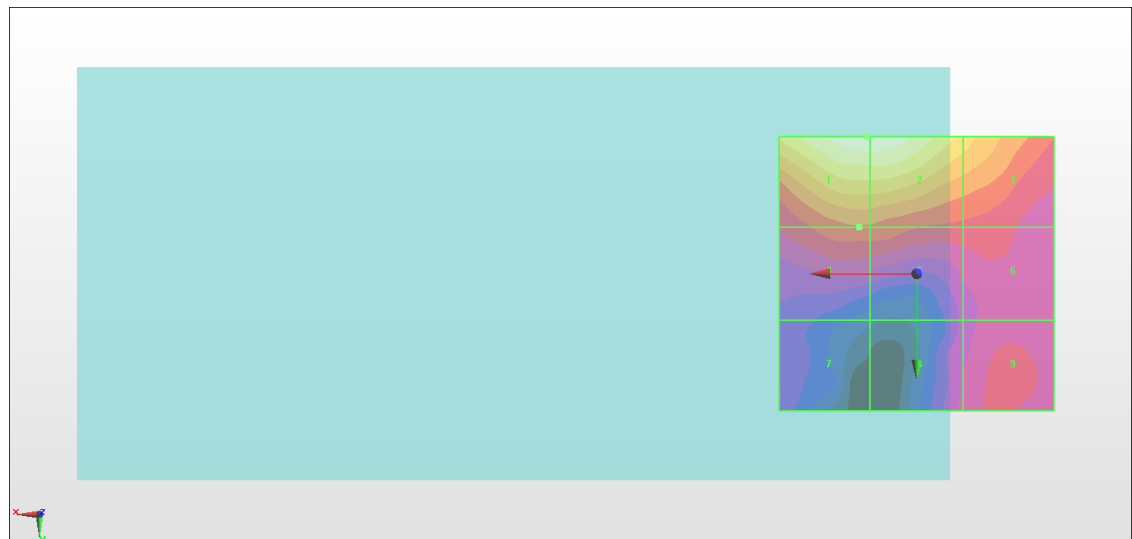
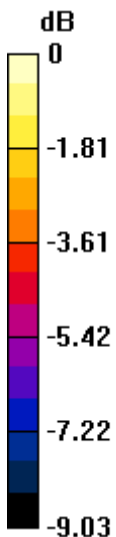
<b>Grid 1 M4</b> <b>24.69 dBV/m</b>	<b>Grid 2 M4</b> <b>24.69 dBV/m</b>	<b>Grid 3 M4</b> <b>22.65 dBV/m</b>
<b>Grid 4 M4</b> <b>21.02 dBV/m</b>	<b>Grid 5 M4</b> <b>20.99 dBV/m</b>	<b>Grid 6 M4</b> <b>20.33 dBV/m</b>
<b>Grid 7 M4</b> <b>18.74 dBV/m</b>	<b>Grid 8 M4</b> <b>19.48 dBV/m</b>	<b>Grid 9 M4</b> <b>20.13 dBV/m</b>

**Cursor:**

Total = 24.69 dBV/m

E Category: M4

Location: 9, -25, 8.7 mm



0 dB = 17.15 V/m = 24.69 dBV/m

## #24\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 Sn917; Calibrated: 2017/12/14
- 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 = 14.95 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.32 dBV/m

**Emission category: M4**

MIF scaled E-field

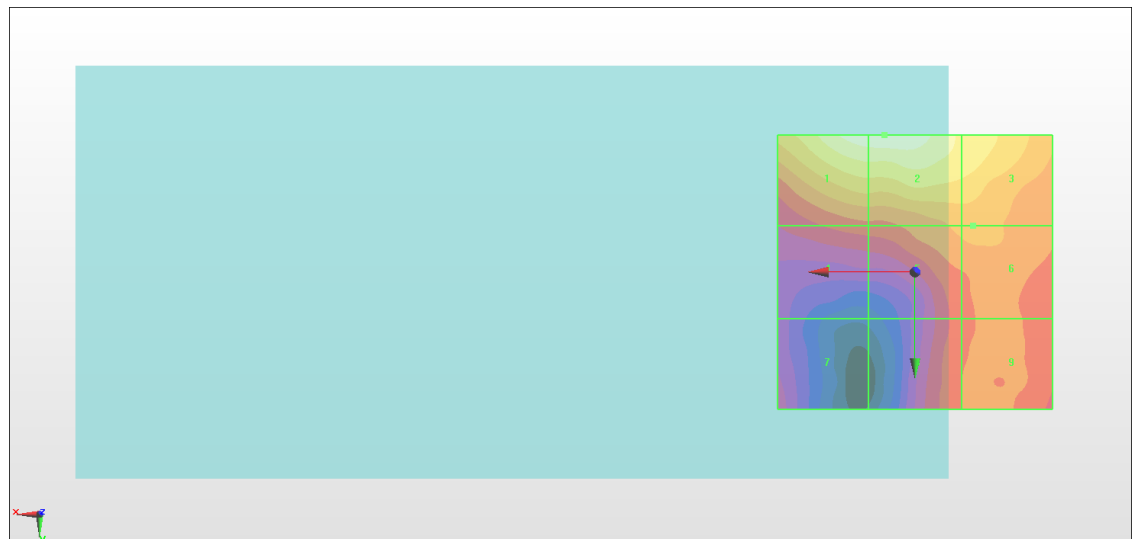
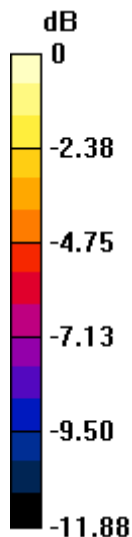
Grid 1 <b>M4</b> <b>26.23 dBV/m</b>	Grid 2 <b>M4</b> <b>26.32 dBV/m</b>	Grid 3 <b>M4</b> <b>24.55 dBV/m</b>
Grid 4 <b>M4</b> <b>21.35 dBV/m</b>	Grid 5 <b>M4</b> <b>22.62 dBV/m</b>	Grid 6 <b>M4</b> <b>22.69 dBV/m</b>
Grid 7 <b>M4</b> <b>19.93 dBV/m</b>	Grid 8 <b>M4</b> <b>21.62 dBV/m</b>	Grid 9 <b>M4</b> <b>21.92 dBV/m</b>

**Cursor:**

Total = 26.32 dBV/m

E Category: M4

Location: 5.5, -25, 8.7 mm



0 dB = 20.71 V/m = 26.32 dBV/m



## #25\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 Sn917; Calibrated: 2017/12/14
- 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 = 15.34 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.09 dBV/m

**Emission category: M4**

MIF scaled E-field

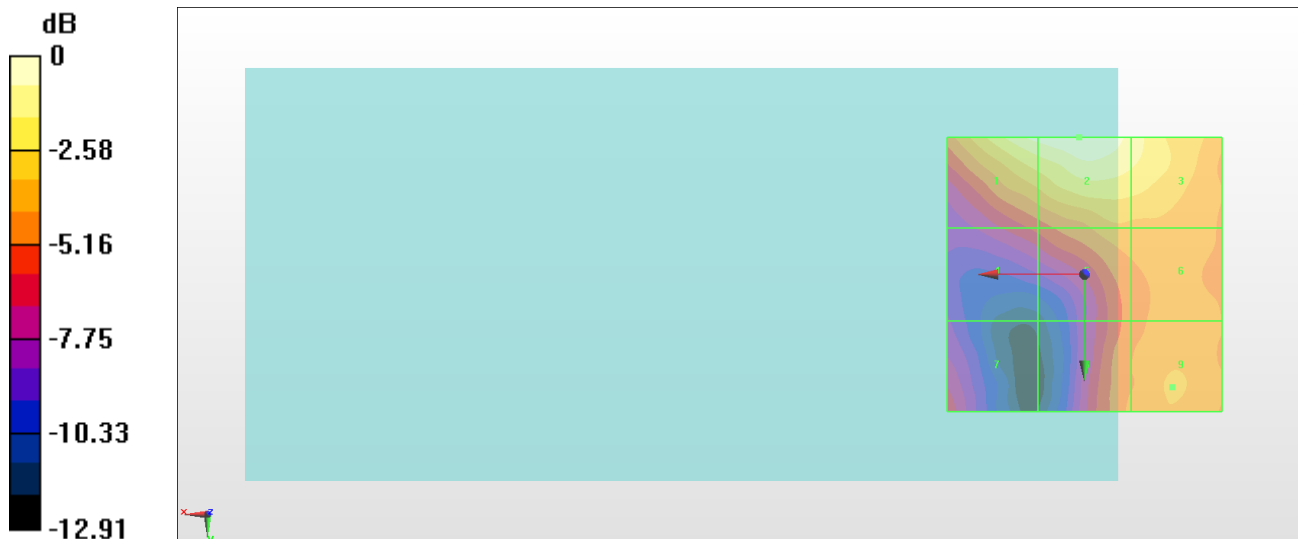
Grid 1 <b>M4</b> <b>26.59 dBV/m</b>	Grid 2 <b>M4</b> <b>27.09 dBV/m</b>	Grid 3 <b>M4</b> <b>25.88 dBV/m</b>
Grid 4 <b>M4</b> <b>21.43 dBV/m</b>	Grid 5 <b>M4</b> <b>23.5 dBV/m</b>	Grid 6 <b>M4</b> <b>23.51 dBV/m</b>
Grid 7 <b>M4</b> <b>21.02 dBV/m</b>	Grid 8 <b>M4</b> <b>22.99 dBV/m</b>	Grid 9 <b>M4</b> <b>23.73 dBV/m</b>

**Cursor:**

Total = 27.09 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 22.63 V/m = 27.09 dBV/m