

#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/m³

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 = 29.61 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.90 dBV/m

Emission category: M4

MIF scaled E-field

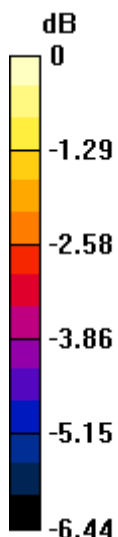
Grid 1 M4 29.7 dBV/m	Grid 2 M4 31.66 dBV/m	Grid 3 M4 31.66 dBV/m
Grid 4 M4 30.62 dBV/m	Grid 5 M4 32.37 dBV/m	Grid 6 M4 32.37 dBV/m
Grid 7 M4 31.89 dBV/m	Grid 8 M4 32.9 dBV/m	Grid 9 M4 32.75 dBV/m

Cursor:

Total = 32.90 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 44.15 V/m = 32.90 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/m³

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 = 41.96 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.19 dBV/m

Emission category: M4

MIF scaled E-field

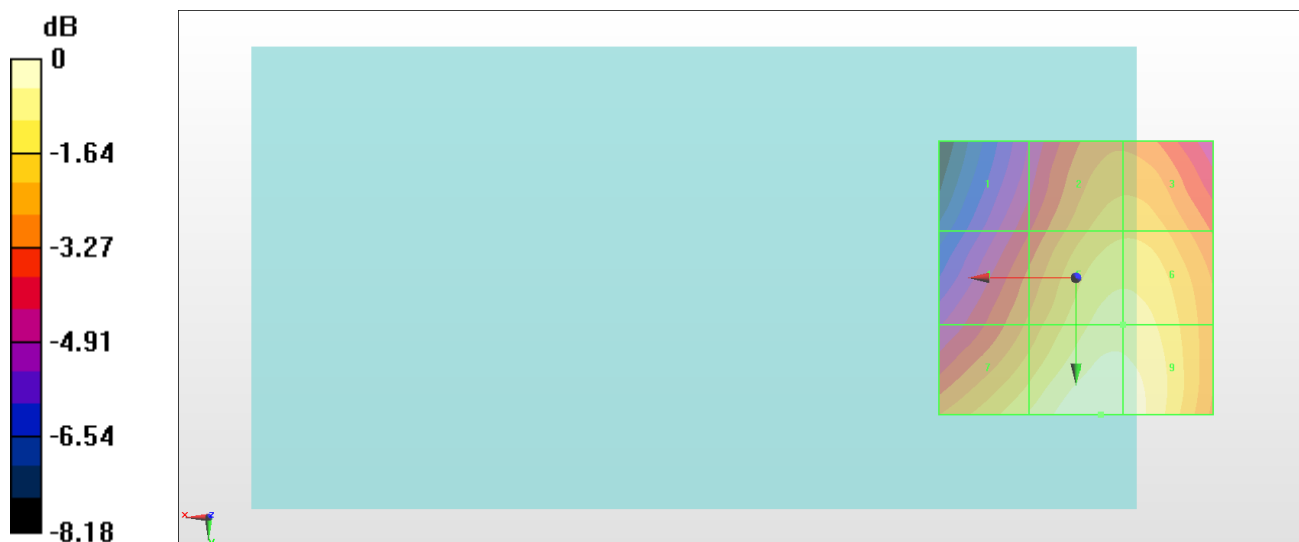
Grid 1 M4 32.36 dBV/m	Grid 2 M4 34.45 dBV/m	Grid 3 M4 34.46 dBV/m
Grid 4 M4 33.62 dBV/m	Grid 5 M4 35.42 dBV/m	Grid 6 M4 35.42 dBV/m
Grid 7 M4 35.19 dBV/m	Grid 8 M4 36.19 dBV/m	Grid 9 M4 36.07 dBV/m

Cursor:

Total = 36.19 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 64.52 V/m = 36.19 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

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 = 39.25 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.96 dBV/m

Emission category: M4

MIF scaled E-field

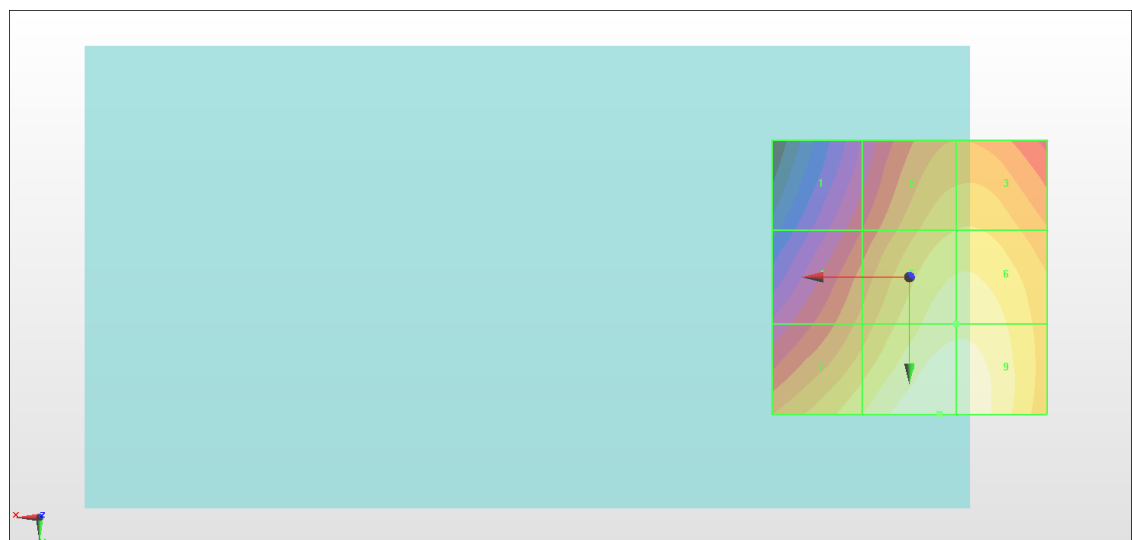
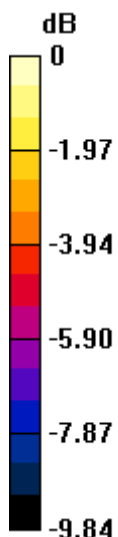
Grid 1 M4 31.43 dBV/m	Grid 2 M4 34.01 dBV/m	Grid 3 M4 34.06 dBV/m
Grid 4 M4 32.96 dBV/m	Grid 5 M4 35.14 dBV/m	Grid 6 M4 35.15 dBV/m
Grid 7 M4 34.65 dBV/m	Grid 8 M4 35.96 dBV/m	Grid 9 M4 35.9 dBV/m

Cursor:

Total = 35.96 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



0 dB = 62.79 V/m = 35.96 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/m³

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 = 15.39 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.11 dBV/m

Emission category: M3

MIF scaled E-field

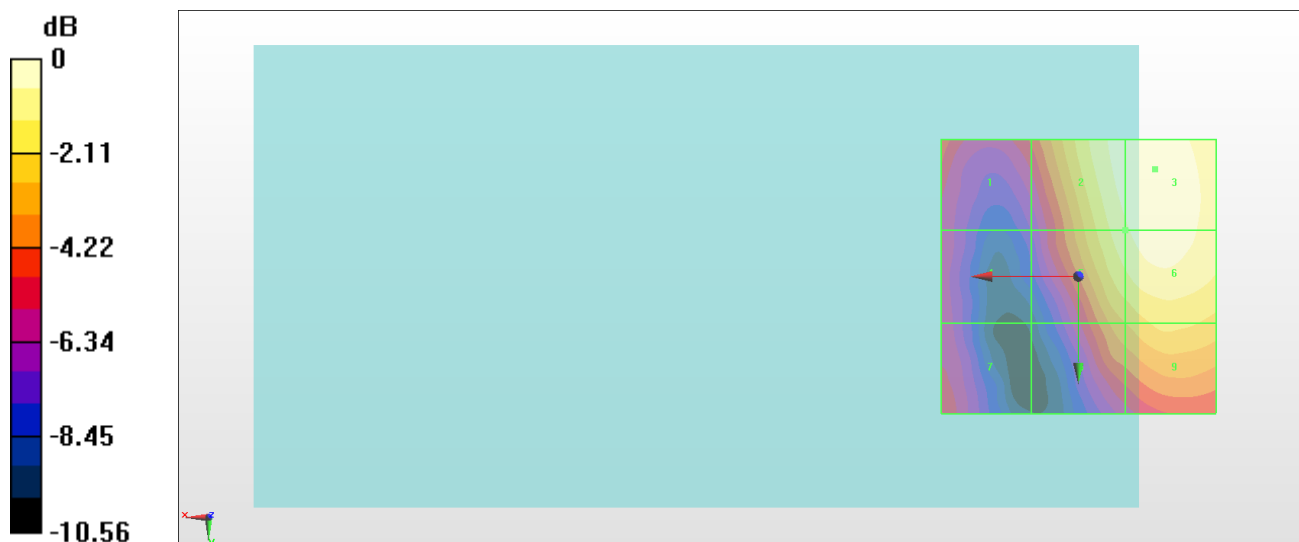
Grid 1 M4 25.76 dBV/m	Grid 2 M4 29.64 dBV/m	Grid 3 M3 30.11 dBV/m
Grid 4 M4 24.47 dBV/m	Grid 5 M4 29.14 dBV/m	Grid 6 M4 29.71 dBV/m
Grid 7 M4 25.16 dBV/m	Grid 8 M4 27.15 dBV/m	Grid 9 M4 28.08 dBV/m

Cursor:

Total = 30.11 dBV/m

E Category: M4

Location: -14, -19.5, 8.7 mm



0 dB = 32.05 V/m = 30.11 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch512;Battery 2

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/m³

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 = 14.98 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.94 dBV/m

Emission category: M4

MIF scaled E-field

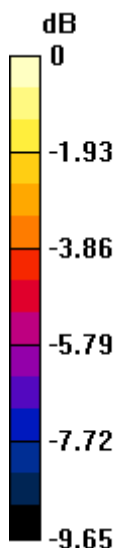
Grid 1 M4 25.49 dBV/m	Grid 2 M4 29.66 dBV/m	Grid 3 M4 29.94 dBV/m
Grid 4 M4 24.76 dBV/m	Grid 5 M4 29.1 dBV/m	Grid 6 M4 29.66 dBV/m
Grid 7 M4 26.48 dBV/m	Grid 8 M4 26.88 dBV/m	Grid 9 M4 27.83 dBV/m

Cursor:

Total = 29.94 dBV/m

E Category: M4

Location: -13.5, -18.5, 8.7 mm



0 dB = 31.40 V/m = 29.94 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch512;Battery 3

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/m³

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 = 14.97 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.86 dBV/m

Emission category: M4

MIF scaled E-field

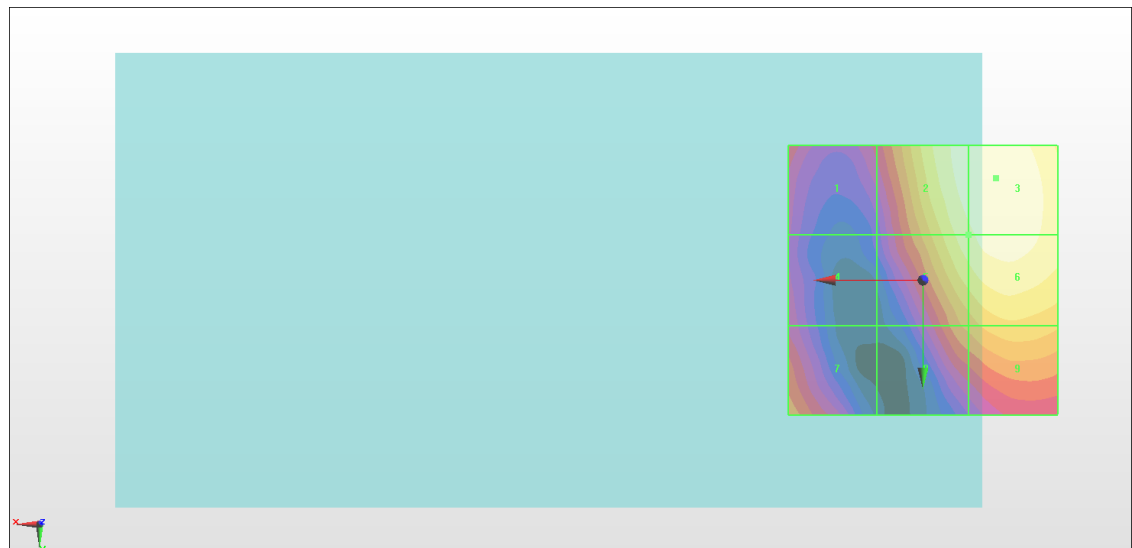
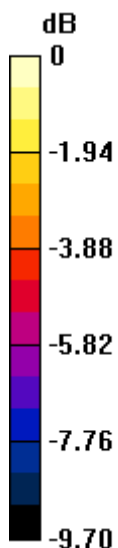
Grid 1 M4 25.53 dBV/m	Grid 2 M4 29.63 dBV/m	Grid 3 M4 29.86 dBV/m
Grid 4 M4 24.66 dBV/m	Grid 5 M4 29.06 dBV/m	Grid 6 M4 29.59 dBV/m
Grid 7 M4 26.45 dBV/m	Grid 8 M4 26.87 dBV/m	Grid 9 M4 27.77 dBV/m

Cursor:

Total = 29.86 dBV/m

E Category: M4

Location: -13.5, -19, 8.7 mm



0 dB = 31.13 V/m = 29.86 dBV/m

#07_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/m³

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 = 14.96 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.78 dBV/m

Emission category: M4

MIF scaled E-field

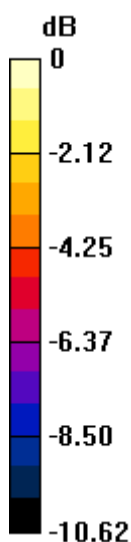
Grid 1 M4 26.48 dBV/m	Grid 2 M4 29.31 dBV/m	Grid 3 M4 29.78 dBV/m
Grid 4 M4 24.13 dBV/m	Grid 5 M4 28.94 dBV/m	Grid 6 M4 29.52 dBV/m
Grid 7 M4 24.3 dBV/m	Grid 8 M4 27.13 dBV/m	Grid 9 M4 27.85 dBV/m

Cursor:

Total = 29.78 dBV/m

E Category: M4

Location: -14.5, -19, 8.7 mm



0 dB = 30.83 V/m = 29.78 dBV/m

#08_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/m³

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 = 15.27 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.21 dBV/m

Emission category: M4

MIF scaled E-field

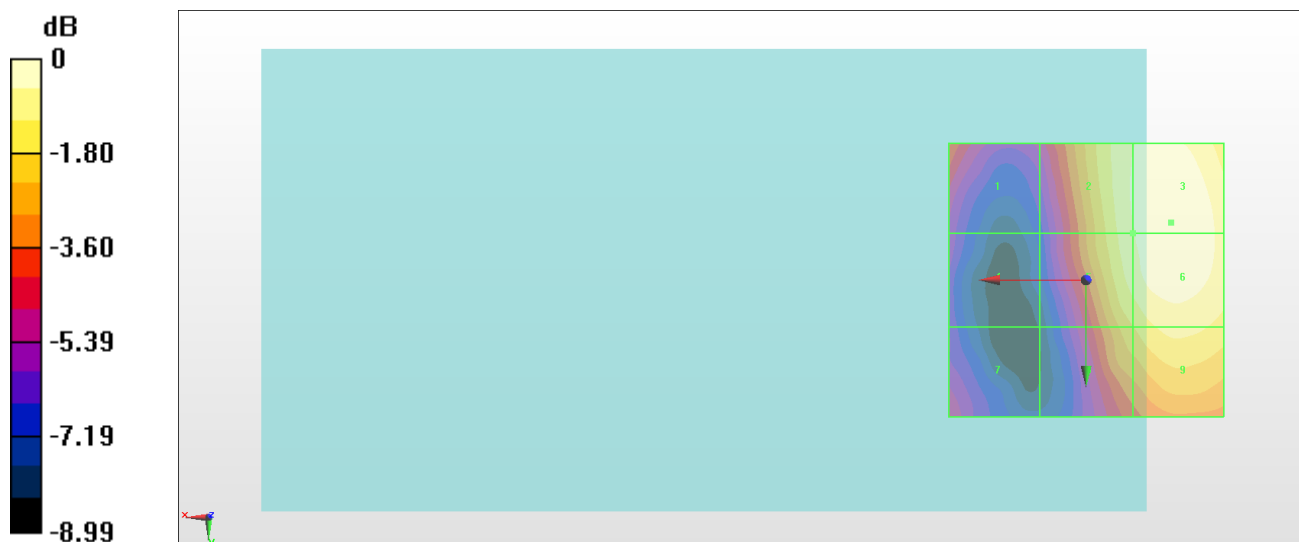
Grid 1 M4 25.79 dBV/m	Grid 2 M4 28.7 dBV/m	Grid 3 M4 29.21 dBV/m
Grid 4 M4 23.74 dBV/m	Grid 5 M4 28.56 dBV/m	Grid 6 M4 29.2 dBV/m
Grid 7 M4 24.58 dBV/m	Grid 8 M4 27.4 dBV/m	Grid 9 M4 28.24 dBV/m

Cursor:

Total = 29.21 dBV/m

E Category: M4

Location: -15.5, -10.5, 8.7 mm



0 dB = 28.88 V/m = 29.21 dBV/m

#09_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/m³

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 = 12.72 V/m; Power Drift = -0.00 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.05 dBV/m

Emission category: M4

MIF scaled E-field

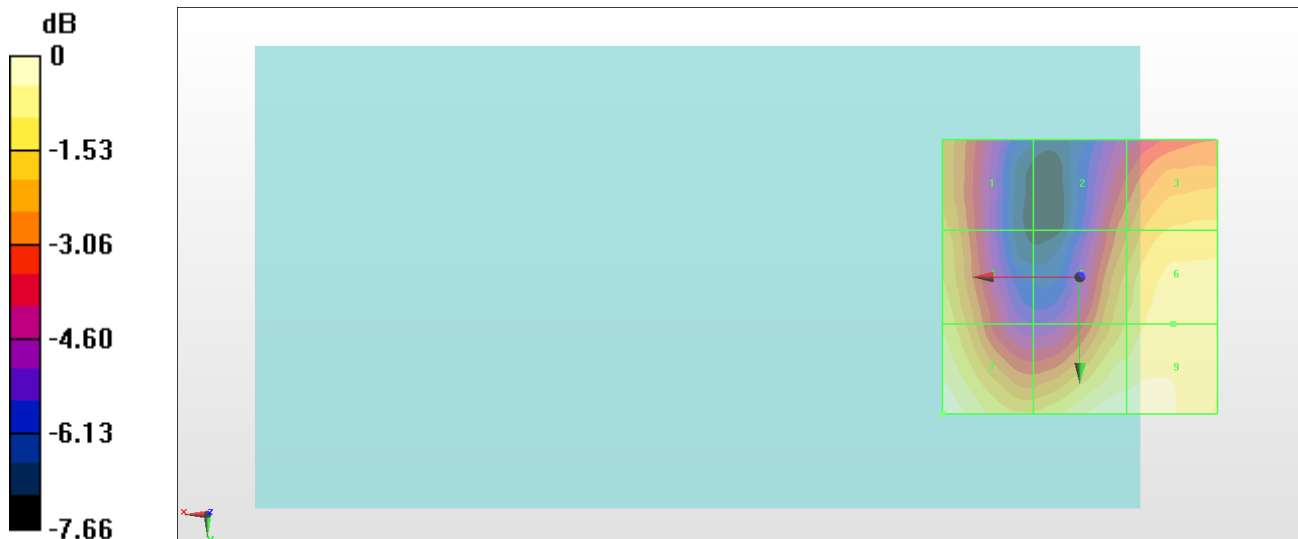
Grid 1 M4 22.23 dBV/m	Grid 2 M4 21.4 dBV/m	Grid 3 M4 22.68 dBV/m
Grid 4 M4 22.99 dBV/m	Grid 5 M4 22.57 dBV/m	Grid 6 M4 23.32 dBV/m
Grid 7 M4 24.05 dBV/m	Grid 8 M4 23.94 dBV/m	Grid 9 M4 23.94 dBV/m

Cursor:

Total = 24.05 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 15.93 V/m = 24.04 dBV/m

#10_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/m³

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 = 12.89 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.74 dBV/m

Emission category: M4

MIF scaled E-field

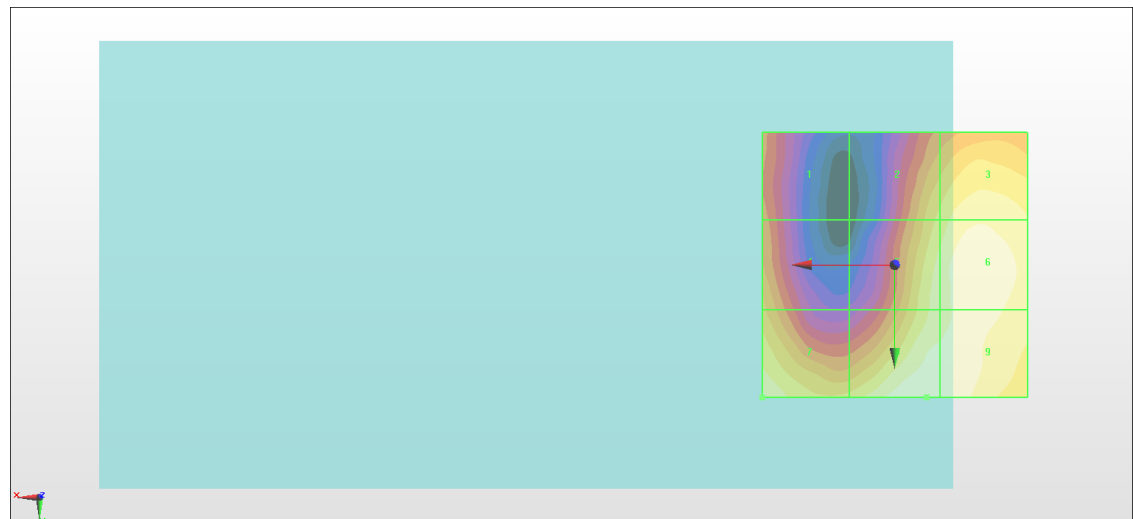
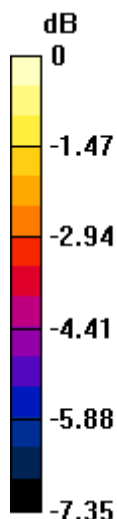
Grid 1 M4 20.1 dBV/m	Grid 2 M4 21.44 dBV/m	Grid 3 M4 22.18 dBV/m
Grid 4 M4 20.94 dBV/m	Grid 5 M4 22.03 dBV/m	Grid 6 M4 22.56 dBV/m
Grid 7 M4 22.41 dBV/m	Grid 8 M4 22.74 dBV/m	Grid 9 M4 22.67 dBV/m

Cursor:

Total = 22.74 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 13.70 V/m = 22.73 dBV/m

#11_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/m³

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 = 12.38 V/m; Power Drift = -0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.41 dBV/m

Emission category: M4

MIF scaled E-field

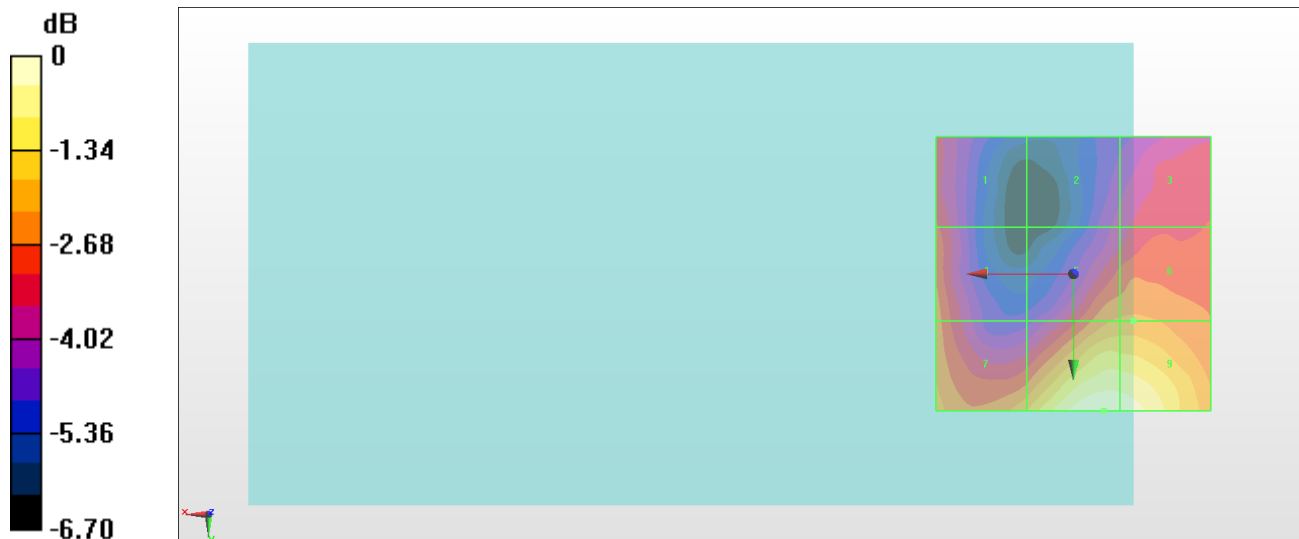
Grid 1 M4 20.4 dBV/m	Grid 2 M4 19.63 dBV/m	Grid 3 M4 20.33 dBV/m
Grid 4 M4 21 dBV/m	Grid 5 M4 21.25 dBV/m	Grid 6 M4 21.31 dBV/m
Grid 7 M4 21.63 dBV/m	Grid 8 M4 23.41 dBV/m	Grid 9 M4 23.29 dBV/m

Cursor:

Total = 23.41 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



0 dB = 14.80 V/m = 23.41 dBV/m

#12_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/m³

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 = 12.71 V/m; Power Drift = -0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.32 dBV/m

Emission category: M4

MIF scaled E-field

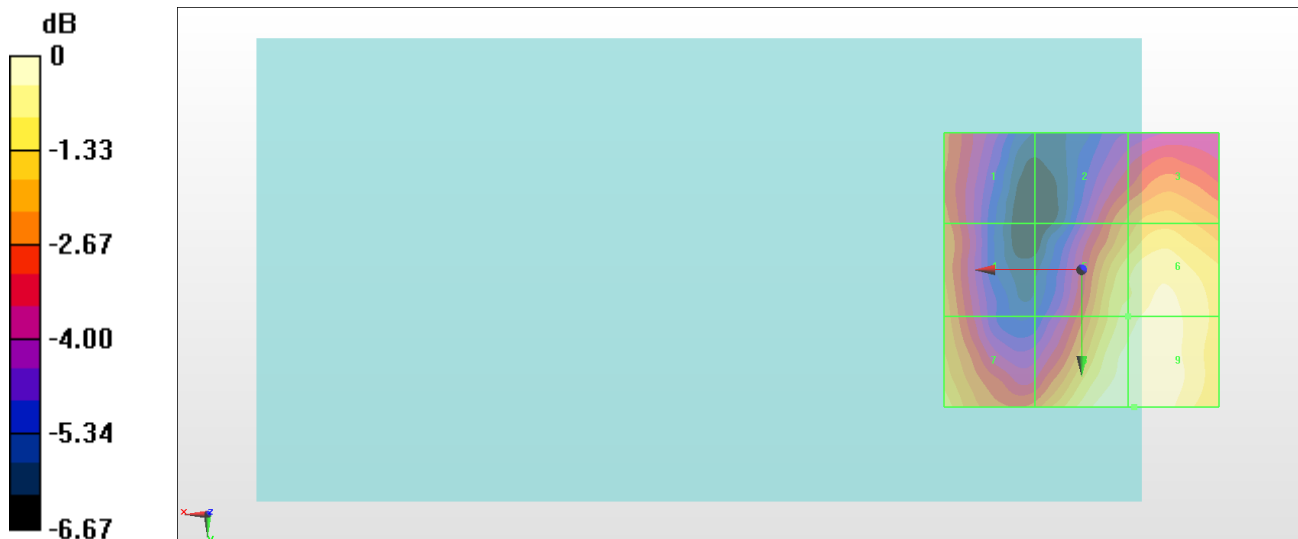
Grid 1 M4 19.89 dBV/m	Grid 2 M4 20.26 dBV/m	Grid 3 M4 20.86 dBV/m
Grid 4 M4 20.4 dBV/m	Grid 5 M4 21.65 dBV/m	Grid 6 M4 22.02 dBV/m
Grid 7 M4 21.36 dBV/m	Grid 8 M4 22.31 dBV/m	Grid 9 M4 22.32 dBV/m

Cursor:

Total = 22.32 dBV/m

E Category: M4

Location: -9.5, 25, 8.7 mm



0 dB = 13.06 V/m = 22.32 dBV/m

#13_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/m³

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 = 13.68 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.8 dBV/m	Grid 2 M4 21.09 dBV/m	Grid 3 M4 21.47 dBV/m
Grid 4 M4 22.1 dBV/m	Grid 5 M4 22.28 dBV/m	Grid 6 M4 22.57 dBV/m
Grid 7 M4 22.5 dBV/m	Grid 8 M4 23.17 dBV/m	Grid 9 M4 23.2 dBV/m

Cursor:

Total = 23.20 dBV/m

E Category: M4

Location: -10, 25, 8.7 mm

