

#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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 62.93 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.82 dBV/m

Emission category: M4

MIF scaled E-field

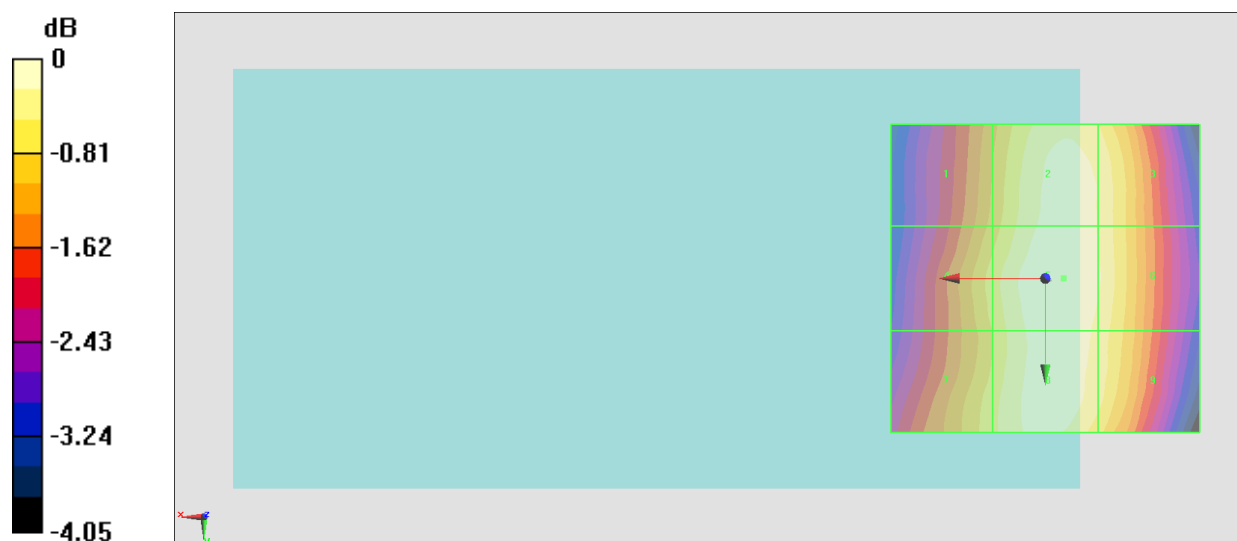
Grid 1 M4 35.86 dBV/m	Grid 2 M4 36.72 dBV/m	Grid 3 M4 36.54 dBV/m
Grid 4 M4 36.16 dBV/m	Grid 5 M4 36.82 dBV/m	Grid 6 M4 36.59 dBV/m
Grid 7 M4 36.21 dBV/m	Grid 8 M4 36.74 dBV/m	Grid 9 M4 36.47 dBV/m

Cursor:

Total = 36.82 dBV/m

E Category: M4

Location: -3, 0, 8.7 mm



0 dB = 69.33 V/m = 36.82 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 70.88 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.90 dBV/m

Emission category: M4

MIF scaled E-field

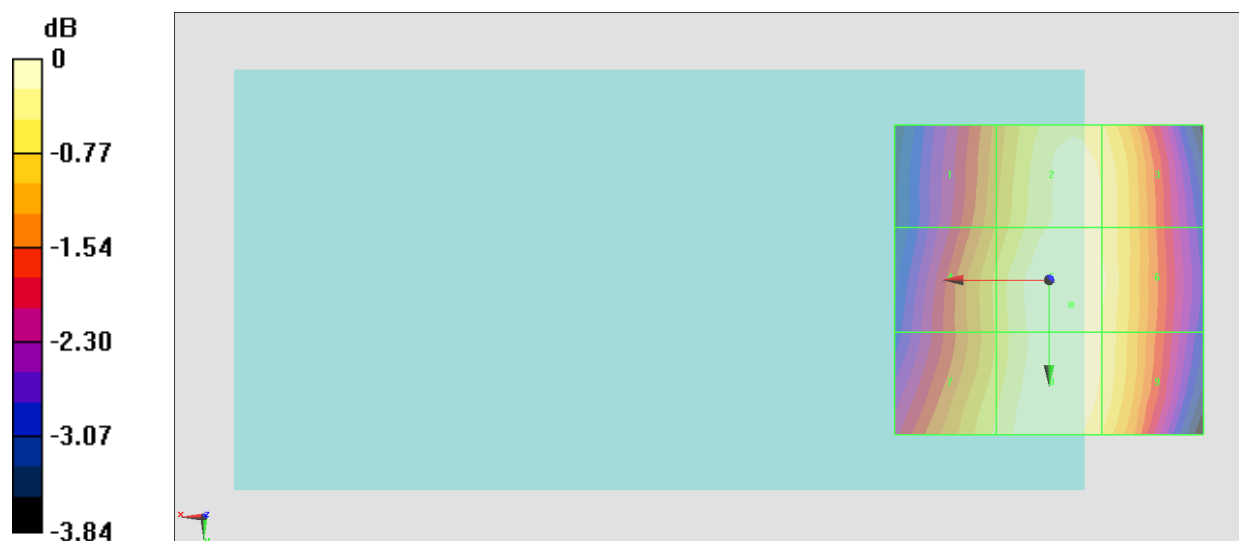
Grid 1 M4 36.92 dBV/m	Grid 2 M4 37.79 dBV/m	Grid 3 M4 37.65 dBV/m
Grid 4 M4 37.22 dBV/m	Grid 5 M4 37.9 dBV/m	Grid 6 M4 37.71 dBV/m
Grid 7 M4 37.46 dBV/m	Grid 8 M4 37.88 dBV/m	Grid 9 M4 37.64 dBV/m

Cursor:

Total = 37.90 dBV/m

E Category: M4

Location: -3.5, 4, 8.7 mm



0 dB = 78.56 V/m = 37.90 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 59.75 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.66 dBV/m

Emission category: M4

MIF scaled E-field

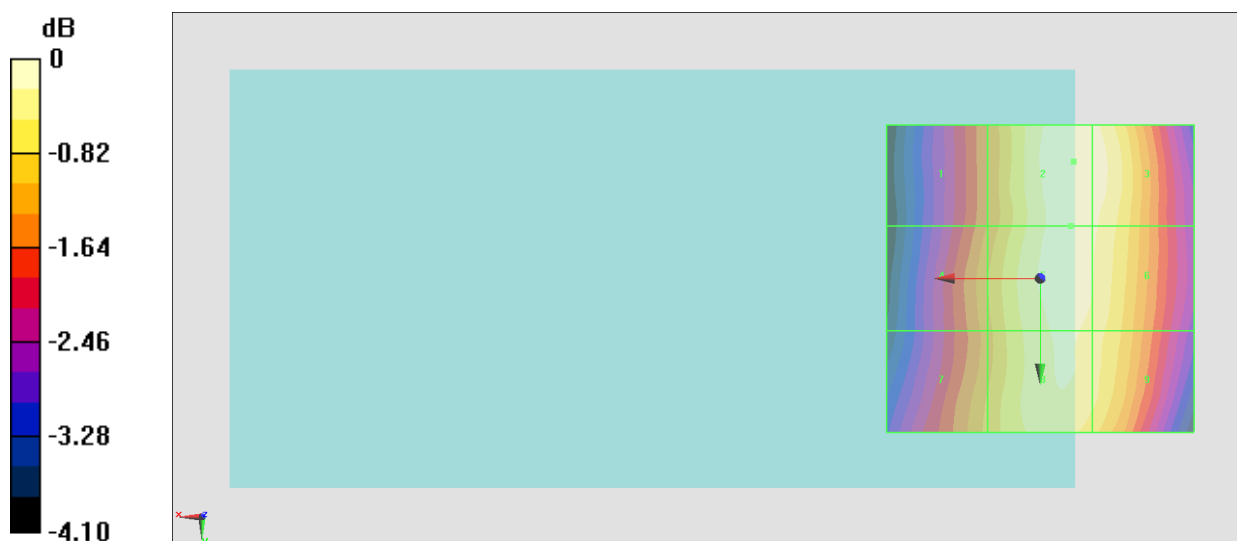
Grid 1 M4 35.33 dBV/m	Grid 2 M4 36.66 dBV/m	Grid 3 M4 36.59 dBV/m
Grid 4 M4 35.57 dBV/m	Grid 5 M4 36.55 dBV/m	Grid 6 M4 36.44 dBV/m
Grid 7 M4 35.65 dBV/m	Grid 8 M4 36.43 dBV/m	Grid 9 M4 36.28 dBV/m

Cursor:

Total = 36.66 dBV/m

E Category: M4

Location: -5.5, -19, 8.7 mm



0 dB = 68.06 V/m = 36.66 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 15.80 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.79 dBV/m

Emission category: M4

MIF scaled E-field

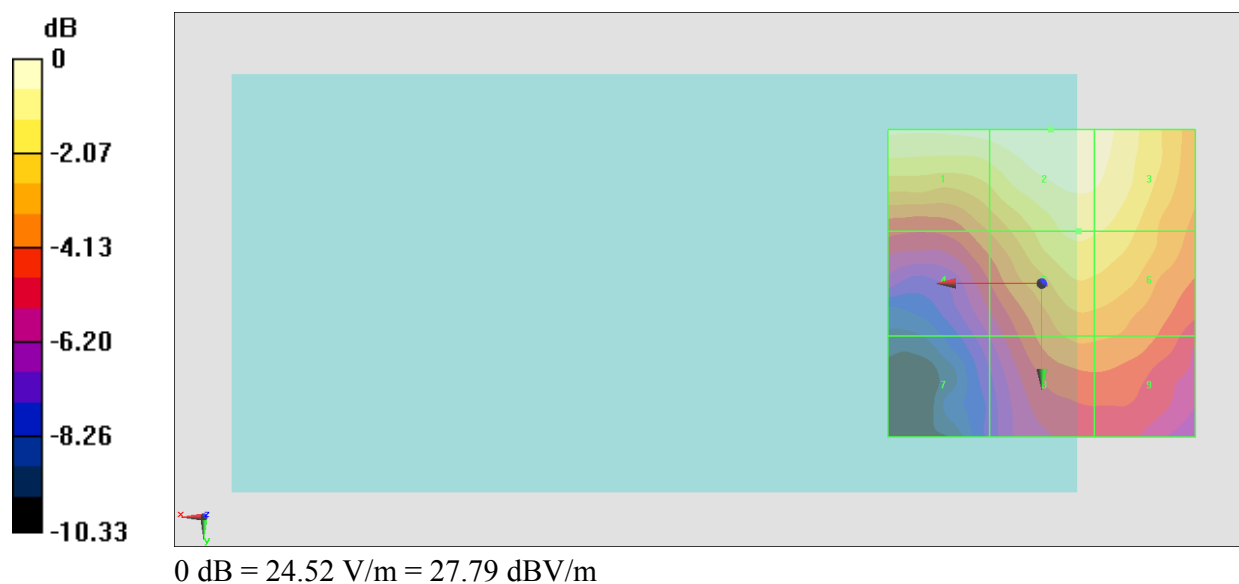
Grid 1 M4 27.43 dBV/m	Grid 2 M4 27.79 dBV/m	Grid 3 M4 27.5 dBV/m
Grid 4 M4 24.4 dBV/m	Grid 5 M4 26.6 dBV/m	Grid 6 M4 26.5 dBV/m
Grid 7 M4 21.64 dBV/m	Grid 8 M4 24.53 dBV/m	Grid 9 M4 24.49 dBV/m

Cursor:

Total = 27.79 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



#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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.25 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.85 dBV/m

Emission category: M4

MIF scaled E-field

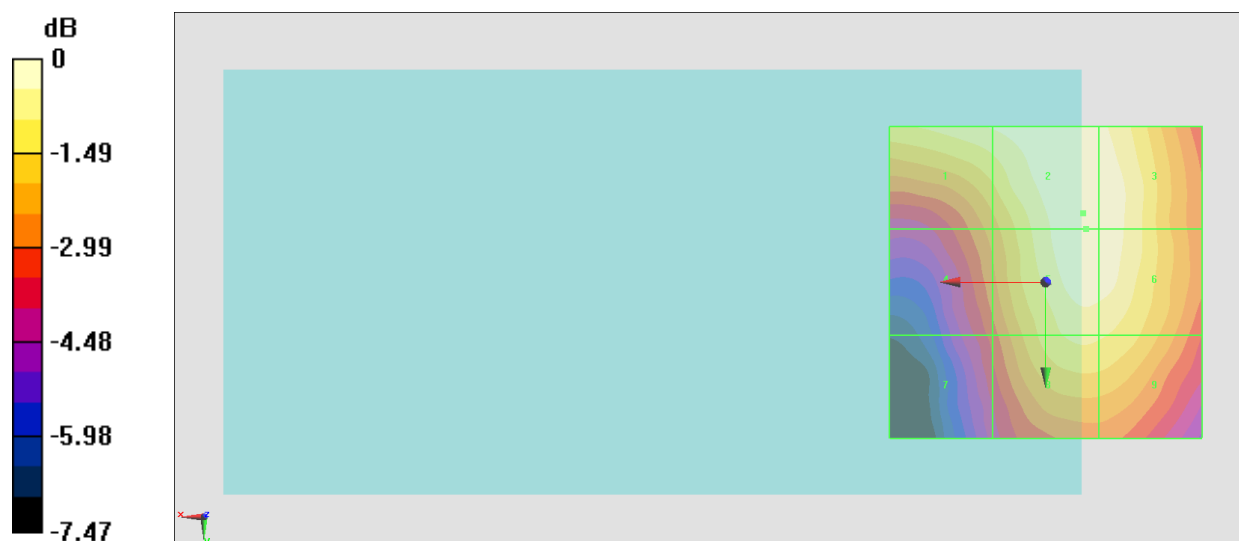
Grid 1 M4 28.42 dBV/m	Grid 2 M4 28.85 dBV/m	Grid 3 M4 28.78 dBV/m
Grid 4 M4 26.64 dBV/m	Grid 5 M4 28.83 dBV/m	Grid 6 M4 28.76 dBV/m
Grid 7 M4 25.64 dBV/m	Grid 8 M4 28 dBV/m	Grid 9 M4 27.93 dBV/m

Cursor:

Total = 28.85 dBV/m

E Category: M4

Location: -6, -11, 8.7 mm



0 dB = 27.71 V/m = 28.85 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.42 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.77 dBV/m

Emission category: M4

MIF scaled E-field

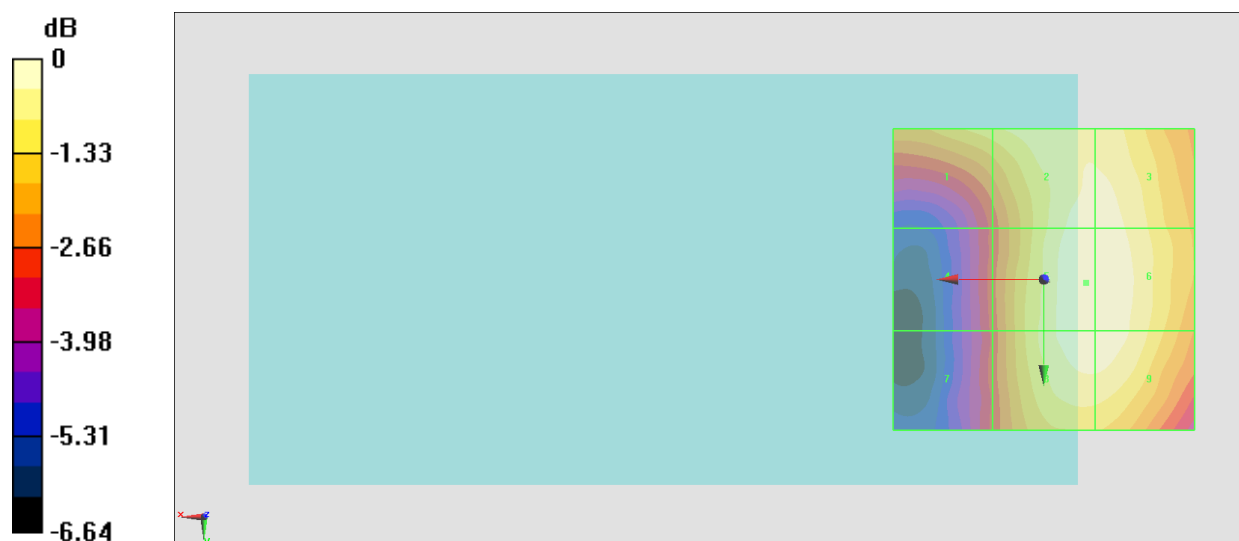
Grid 1 M4 27.77 dBV/m	Grid 2 M4 28.56 dBV/m	Grid 3 M4 28.55 dBV/m
Grid 4 M4 25.96 dBV/m	Grid 5 M4 28.77 dBV/m	Grid 6 M4 28.75 dBV/m
Grid 7 M4 25.91 dBV/m	Grid 8 M4 28.62 dBV/m	Grid 9 M4 28.62 dBV/m

Cursor:

Total = 28.77 dBV/m

E Category: M4

Location: -7, 0.5, 8.7 mm



0 dB = 27.44 V/m = 28.77 dBV/m

#07_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.68 V/m; Power Drift = 0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.17 dBV/m

Emission category: M4

MIF scaled E-field

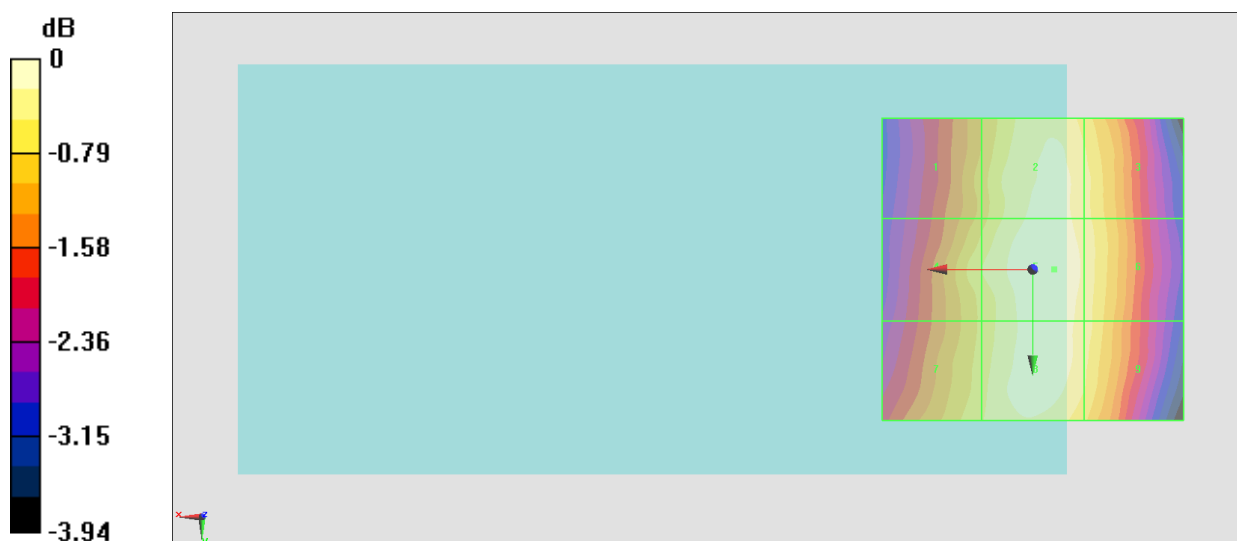
Grid 1 M4 28.27 dBV/m	Grid 2 M4 29.01 dBV/m	Grid 3 M4 28.77 dBV/m
Grid 4 M4 28.65 dBV/m	Grid 5 M4 29.17 dBV/m	Grid 6 M4 28.85 dBV/m
Grid 7 M4 28.63 dBV/m	Grid 8 M4 29.09 dBV/m	Grid 9 M4 28.8 dBV/m

Cursor:

Total = 29.17 dBV/m

E Category: M4

Location: -3.5, 0, 8.7 mm



0 dB = 28.75 V/m = 29.17 dBV/m

#08_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 25.64 V/m; Power Drift = 0.17 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.98 dBV/m

Emission category: M4

MIF scaled E-field

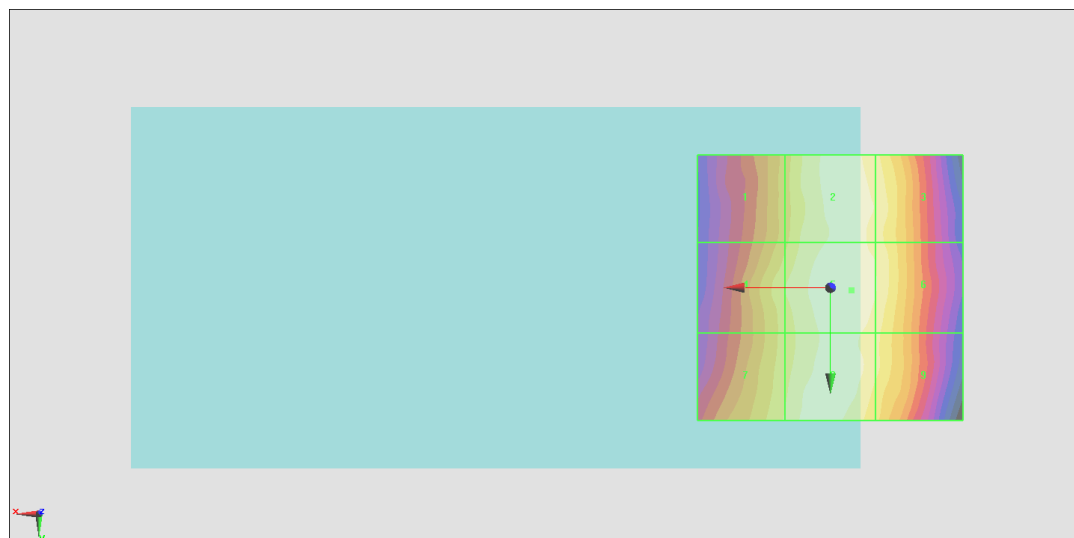
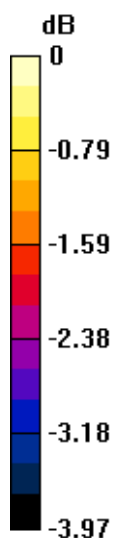
Grid 1 M4 28.12 dBV/m	Grid 2 M4 28.84 dBV/m	Grid 3 M4 28.7 dBV/m
Grid 4 M4 28.46 dBV/m	Grid 5 M4 28.98 dBV/m	Grid 6 M4 28.74 dBV/m
Grid 7 M4 28.49 dBV/m	Grid 8 M4 28.9 dBV/m	Grid 9 M4 28.54 dBV/m

Cursor:

Total = 28.98 dBV/m

E Category: M4

Location: -4, 0.5, 8.7 mm



0 dB = 28.12 V/m = 28.98 dBV/m

#09_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.62 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.30 dBV/m

Emission category: M4

MIF scaled E-field

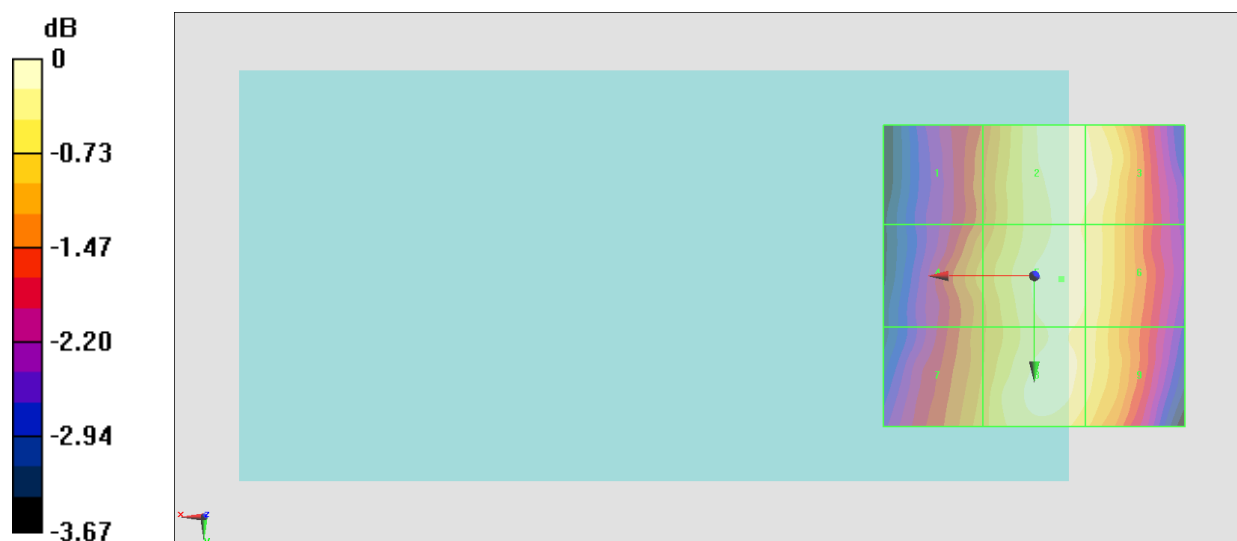
Grid 1 M4 27.05 dBV/m	Grid 2 M4 28.19 dBV/m	Grid 3 M4 28.17 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 28.3 dBV/m	Grid 6 M4 28.08 dBV/m
Grid 7 M4 27.48 dBV/m	Grid 8 M4 28.19 dBV/m	Grid 9 M4 27.97 dBV/m

Cursor:

Total = 28.30 dBV/m

E Category: M4

Location: -4.5, 0.5, 8.7 mm



0 dB = 26.00 V/m = 28.30 dBV/m

#10_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 10.21 V/m; Power Drift = -0.11 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.40 dBV/m

Emission category: M4

MIF scaled E-field

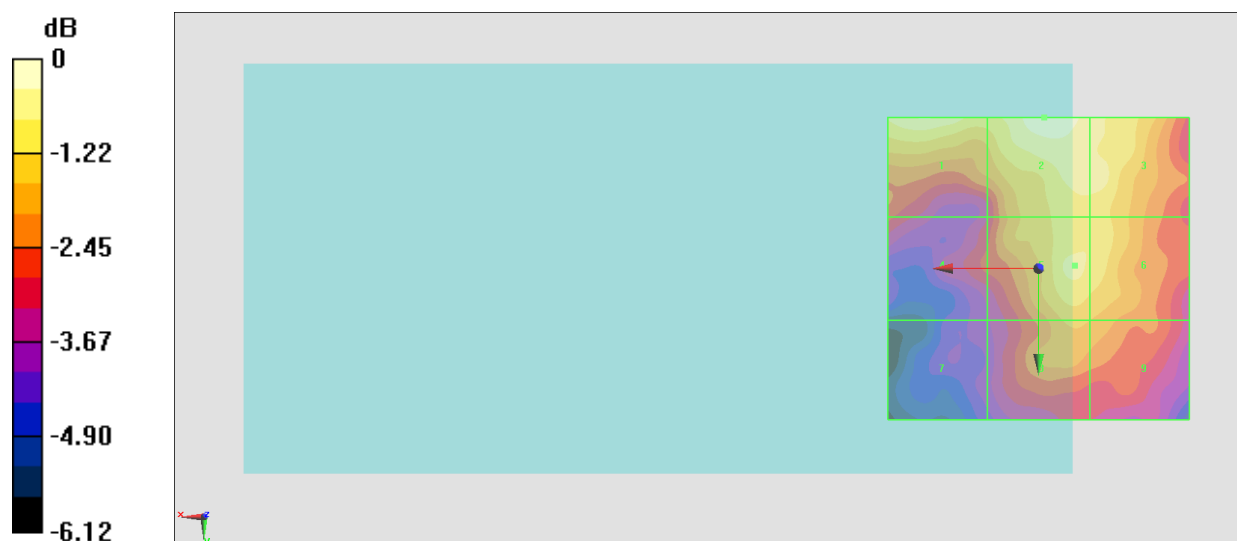
Grid 1 M4 22.04 dBV/m	Grid 2 M4 22.4 dBV/m	Grid 3 M4 21.87 dBV/m
Grid 4 M4 19.7 dBV/m	Grid 5 M4 21.72 dBV/m	Grid 6 M4 21.58 dBV/m
Grid 7 M4 18.7 dBV/m	Grid 8 M4 20.89 dBV/m	Grid 9 M4 20.78 dBV/m

Cursor:

Total = 22.40 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 13.18 V/m = 22.40 dBV/m

#11_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.12 V/m; Power Drift = -0.00 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.40 dBV/m

Emission category: M4

MIF scaled E-field

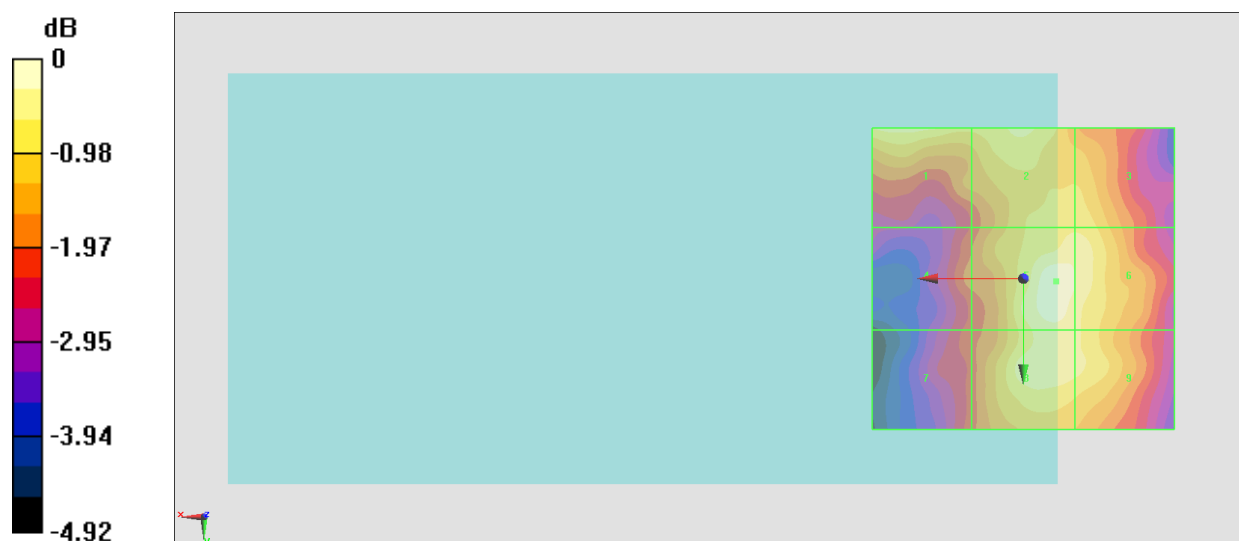
Grid 1 M4 22.92 dBV/m	Grid 2 M4 22.85 dBV/m	Grid 3 M4 22.71 dBV/m
Grid 4 M4 21.62 dBV/m	Grid 5 M4 23.4 dBV/m	Grid 6 M4 23.08 dBV/m
Grid 7 M4 21.4 dBV/m	Grid 8 M4 23.06 dBV/m	Grid 9 M4 22.88 dBV/m

Cursor:

Total = 23.40 dBV/m

E Category: M4

Location: -5.5, 0.5, 8.7 mm



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

#12_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 12.54 V/m; Power Drift = 0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.98 dBV/m

Emission category: M4

MIF scaled E-field

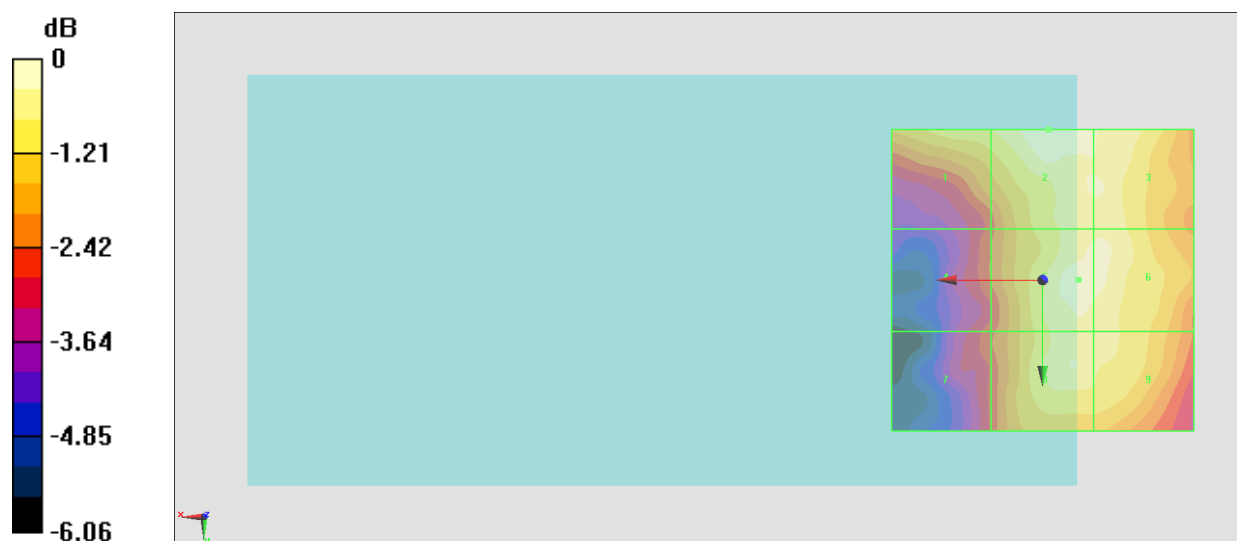
Grid 1 M4 23.18 dBV/m	Grid 2 M4 23.98 dBV/m	Grid 3 M4 23.62 dBV/m
Grid 4 M4 21.64 dBV/m	Grid 5 M4 23.87 dBV/m	Grid 6 M4 23.71 dBV/m
Grid 7 M4 21.54 dBV/m	Grid 8 M4 23.59 dBV/m	Grid 9 M4 23.45 dBV/m

Cursor:

Total = 23.98 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 15.81 V/m = 23.98 dBV/m

#13_HAC_E_CDMA BC10_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 30.83 V/m; Power Drift = -0.19 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.23 dBV/m

Emission category: M4

MIF scaled E-field

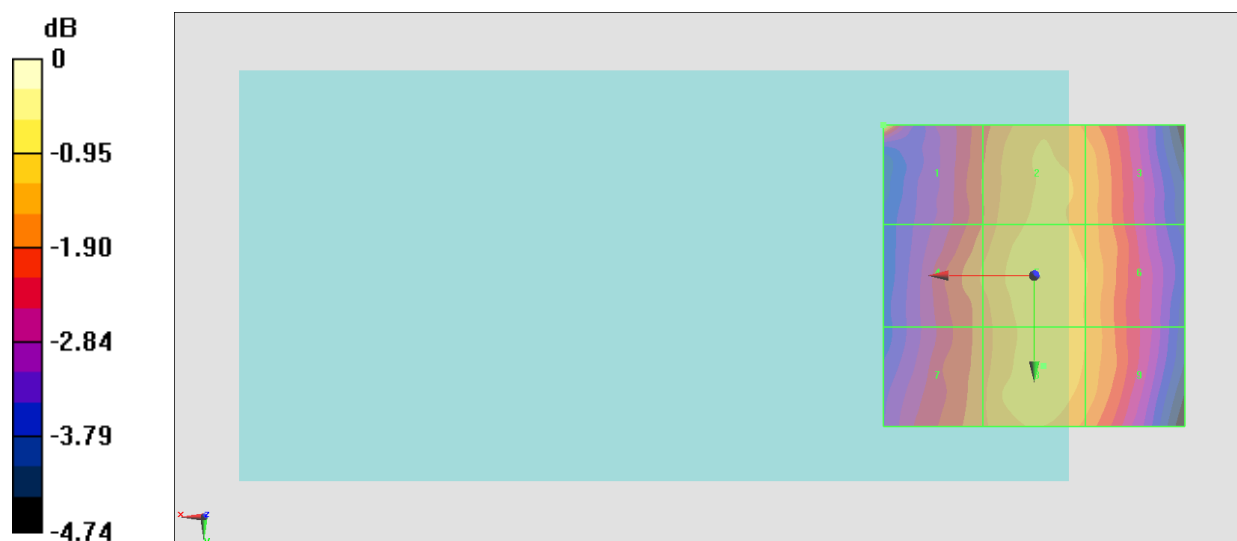
Grid 1 M4 30.23 dBV/m	Grid 2 M4 29.04 dBV/m	Grid 3 M4 28.88 dBV/m
Grid 4 M4 28.7 dBV/m	Grid 5 M4 29.23 dBV/m	Grid 6 M4 29 dBV/m
Grid 7 M4 28.59 dBV/m	Grid 8 M4 29.24 dBV/m	Grid 9 M4 28.97 dBV/m

Cursor:

Total = 30.23 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 32.45 V/m = 30.22 dBV/m

#14_HAC_E_CDMA BC10_1xRTT, RC1 SO3, 1/8th 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.17 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.61 dBV/m

Emission category: M4

MIF scaled E-field

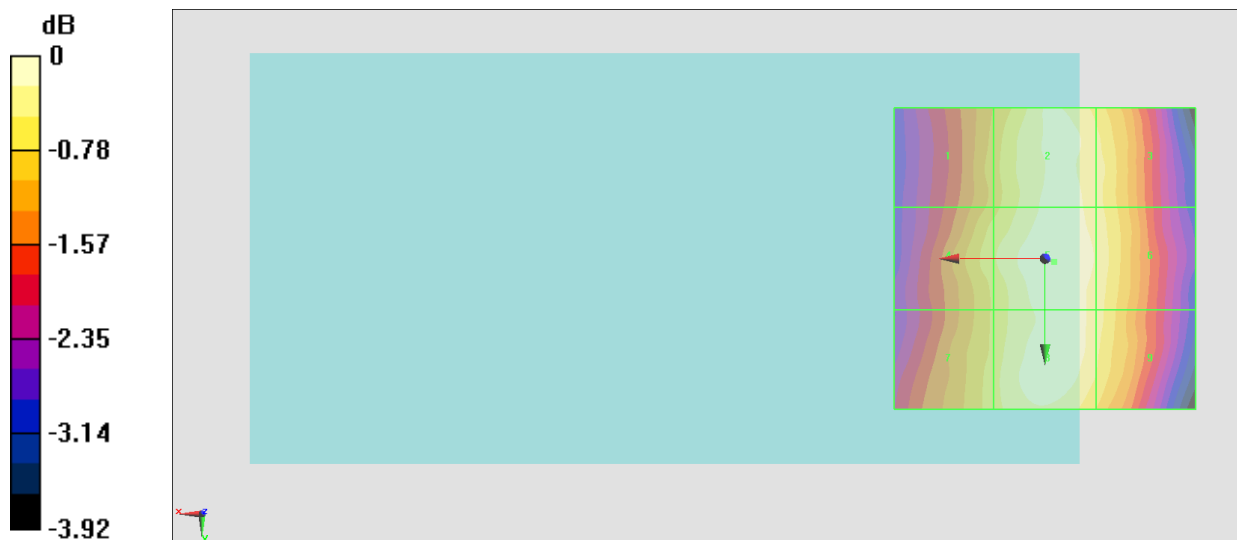
Grid 1 M4 28.73 dBV/m	Grid 2 M4 29.44 dBV/m	Grid 3 M4 29.22 dBV/m
Grid 4 M4 29.06 dBV/m	Grid 5 M4 29.61 dBV/m	Grid 6 M4 29.31 dBV/m
Grid 7 M4 28.99 dBV/m	Grid 8 M4 29.53 dBV/m	Grid 9 M4 29.22 dBV/m

Cursor:

Total = 29.61 dBV/m

E Category: M4

Location: -1.5, 0.5, 8.7 mm



0 dB = 30.23 V/m = 29.61 dBV/m

#15_HAC_E_CDMA BC10_1xRTT, RC1 SO3, 1/8th Rate_Ch680

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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 823.1 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.55 V/m; Power Drift = -0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.73 dBV/m

Emission category: M4

MIF scaled E-field

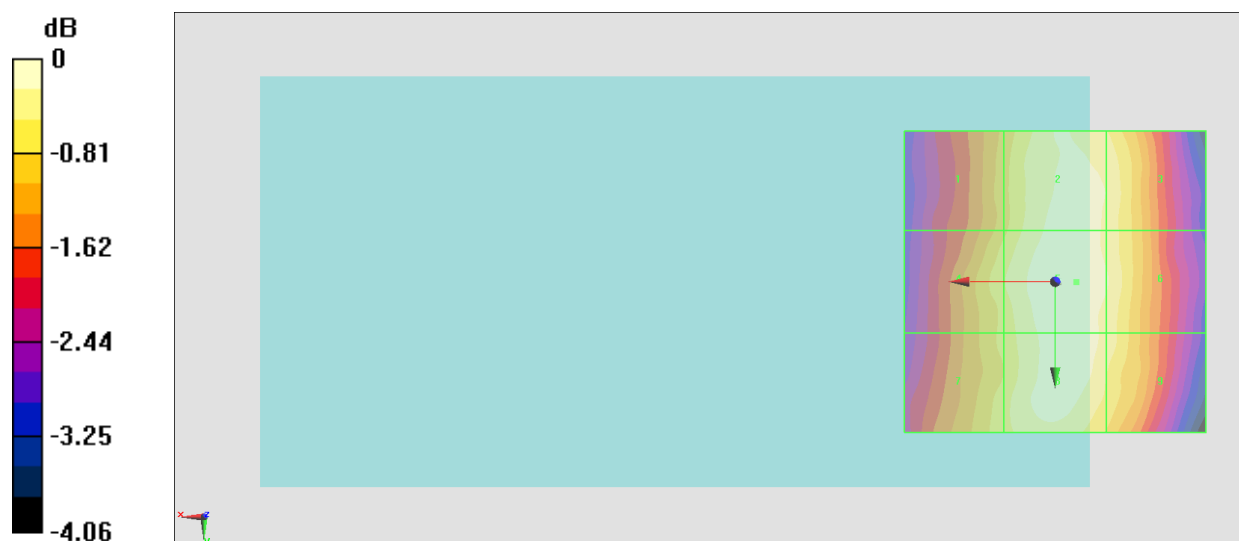
Grid 1 M4 28.84 dBV/m	Grid 2 M4 29.6 dBV/m	Grid 3 M4 29.45 dBV/m
Grid 4 M4 29.17 dBV/m	Grid 5 M4 29.73 dBV/m	Grid 6 M4 29.49 dBV/m
Grid 7 M4 29.1 dBV/m	Grid 8 M4 29.64 dBV/m	Grid 9 M4 29.36 dBV/m

Cursor:

Total = 29.73 dBV/m

E Category: M4

Location: -3.5, 0, 8.7 mm



0 dB = 30.64 V/m = 29.73 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 30.70 V/m; Power Drift = -0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 28.96 dBV/m

Emission category: M4

MIF scaled E-field

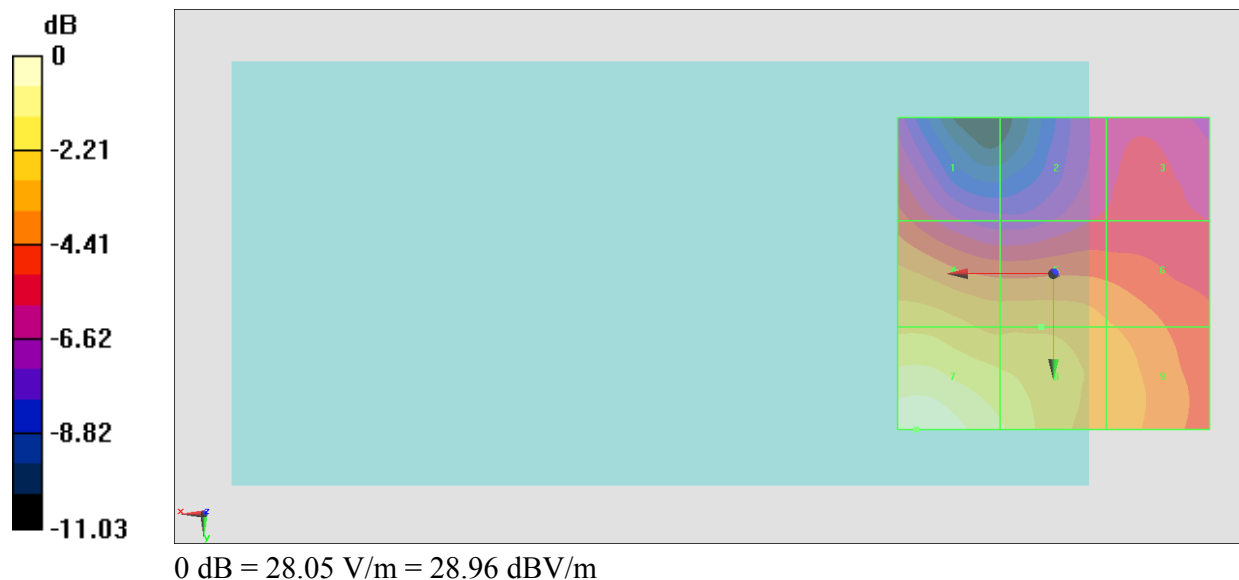
Grid 1 M4 24.21 dBV/m	Grid 2 M4 23.26 dBV/m	Grid 3 M4 23.44 dBV/m
Grid 4 M4 26.61 dBV/m	Grid 5 M4 25.91 dBV/m	Grid 6 M4 25.41 dBV/m
Grid 7 M4 28.96 dBV/m	Grid 8 M4 27.62 dBV/m	Grid 9 M4 25.79 dBV/m

Cursor:

Total = 28.96 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



#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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 34.43 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.30 dBV/m

Emission category: M4

MIF scaled E-field

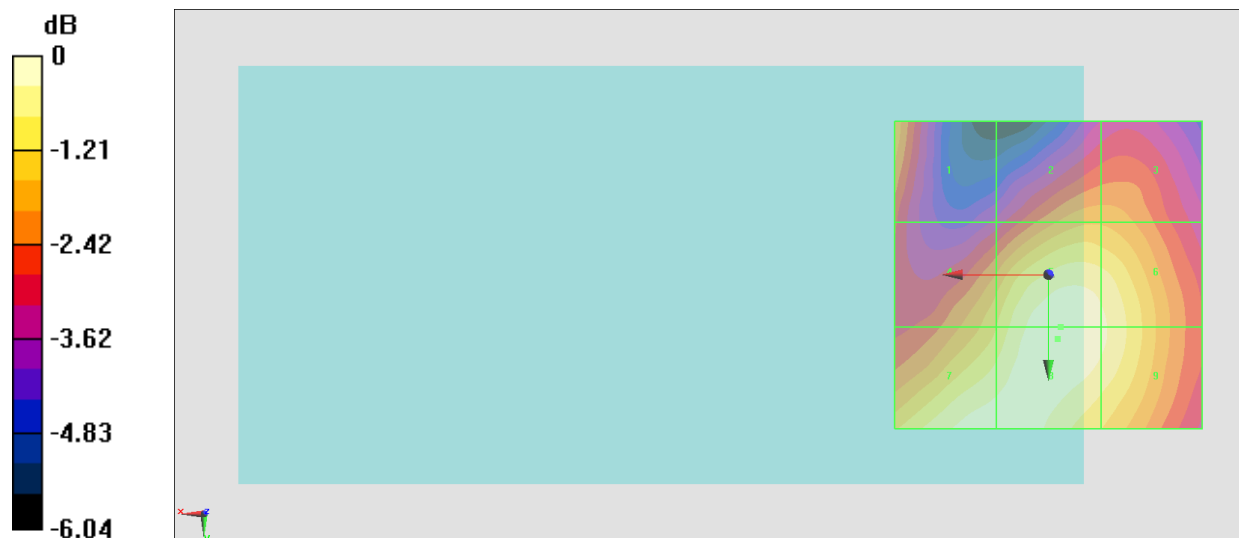
Grid 1 M4 24.7 dBV/m	Grid 2 M4 24.66 dBV/m	Grid 3 M4 24.65 dBV/m
Grid 4 M4 25.09 dBV/m	Grid 5 M4 26.27 dBV/m	Grid 6 M4 26 dBV/m
Grid 7 M4 26.24 dBV/m	Grid 8 M4 26.3 dBV/m	Grid 9 M4 26 dBV/m

Cursor:

Total = 26.30 dBV/m

E Category: M4

Location: -1.5, 10.5, 8.7 mm



0 dB = 20.66 V/m = 26.30 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 30.04 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.39 dBV/m

Emission category: M4

MIF scaled E-field

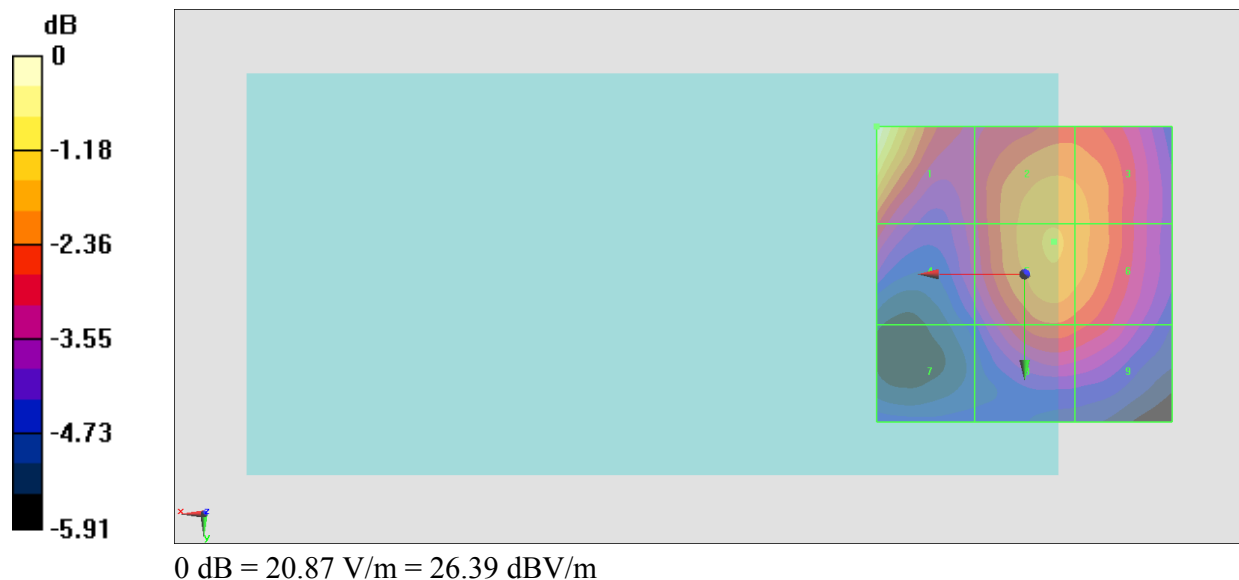
Grid 1 M4 26.39 dBV/m	Grid 2 M4 24.8 dBV/m	Grid 3 M4 24.66 dBV/m
Grid 4 M4 23.71 dBV/m	Grid 5 M4 24.87 dBV/m	Grid 6 M4 24.67 dBV/m
Grid 7 M4 22.11 dBV/m	Grid 8 M4 24.01 dBV/m	Grid 9 M4 23.83 dBV/m

Cursor:

Total = 26.39 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



#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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 29.95 V/m; Power Drift = -0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.98 dBV/m

Emission category: M4

MIF scaled E-field

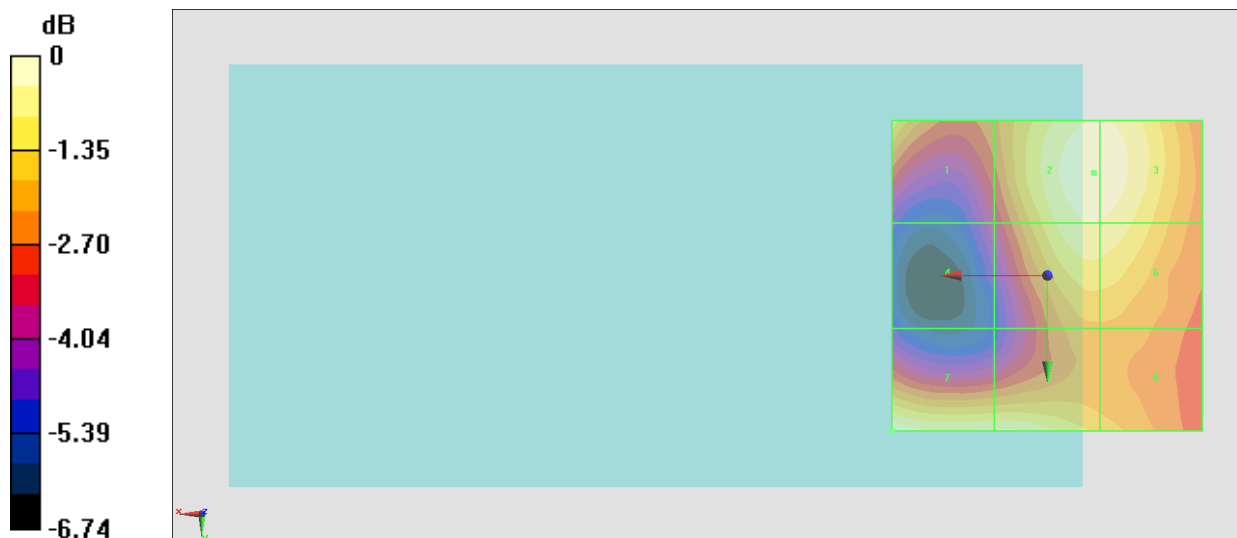
Grid 1 M4 24.97 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.82 dBV/m
Grid 4 M4 22.39 dBV/m	Grid 5 M4 25.54 dBV/m	Grid 6 M4 25.5 dBV/m
Grid 7 M4 25.98 dBV/m	Grid 8 M4 25.66 dBV/m	Grid 9 M4 24.51 dBV/m

Cursor:

Total = 25.98 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 19.90 V/m = 25.98 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/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 32.19 V/m; Power Drift = 0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 28.69 dBV/m

Emission category: M4

MIF scaled E-field

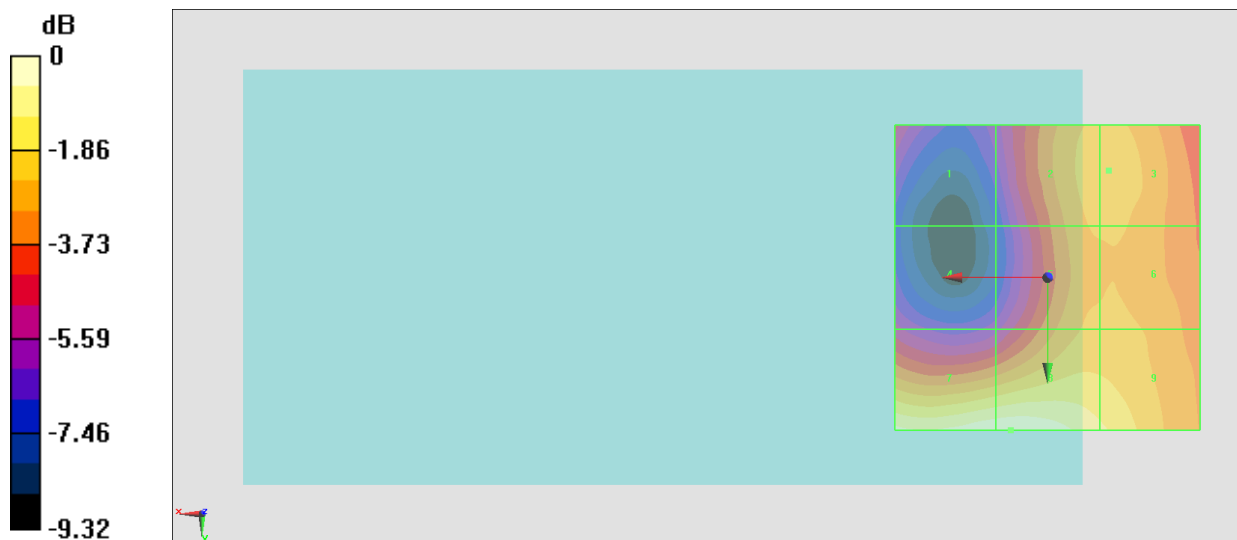
Grid 1 M4 24.05 dBV/m	Grid 2 M4 26.53 dBV/m	Grid 3 M4 26.55 dBV/m
Grid 4 M4 23.46 dBV/m	Grid 5 M4 26.38 dBV/m	Grid 6 M4 26.39 dBV/m
Grid 7 M4 28.62 dBV/m	Grid 8 M4 28.69 dBV/m	Grid 9 M4 27.62 dBV/m

Cursor:

Total = 28.69 dBV/m

E Category: M4

Location: 6, 25, 8.7 mm



0 dB = 27.20 V/m = 28.69 dBV/m