

21_HAC RF LTE B48_20M_ANT 8_QPSK_1RB_0Offset_Ch56150

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3641 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch56150/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 = 3.046 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 13.23 dBV/m

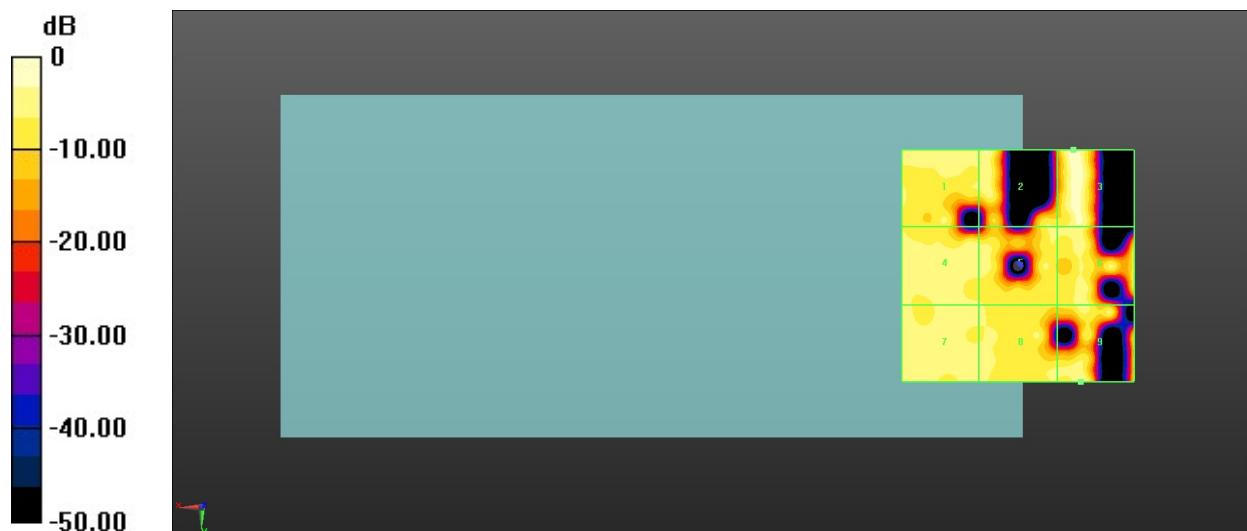
MIF scaled E-field

Grid 1 M4 8.46 dBV/m	Grid 2 M4 10.66 dBV/m	Grid 3 M4 13.23 dBV/m
Grid 4 M4 9.96 dBV/m	Grid 5 M4 9.21 dBV/m	Grid 6 M4 9.77 dBV/m
Grid 7 M4 9.03 dBV/m	Grid 8 M4 8.54 dBV/m	Grid 9 M4 10.46 dBV/m

Total = 13.23 dBV/m

E Category: M4

Location: -12, -25, 8.7 mm



0 dB = 4.587 V/m = 13.23 dBV/m

22_HAC RF LTE B48_20M_ANT 8_QPSK_1RB_0Offset_Ch56640

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3690 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch56640/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 = 2.536 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 13.98 dBV/m

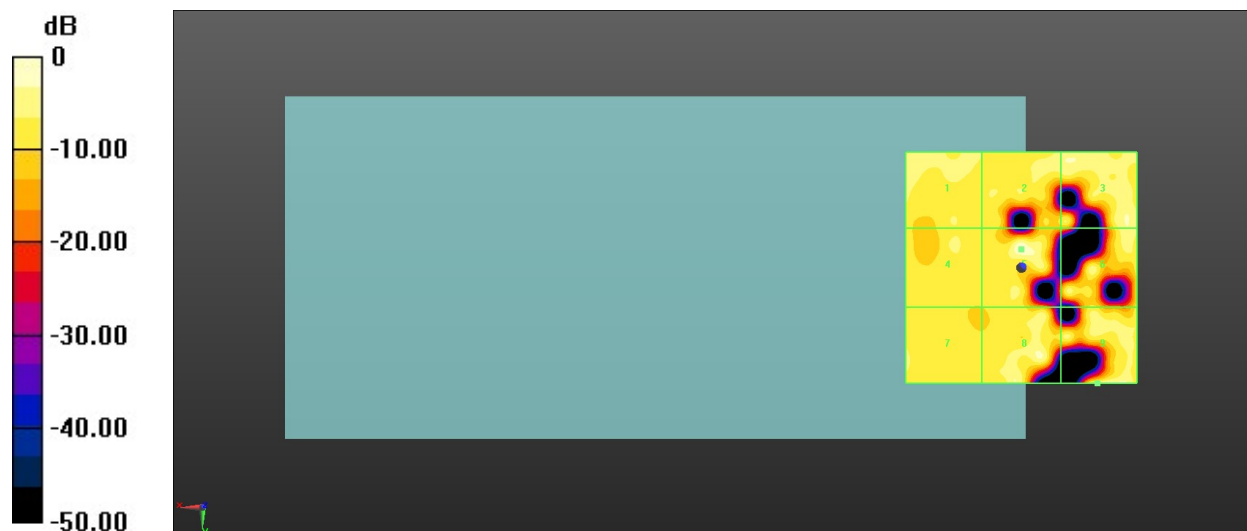
MIF scaled E-field

Grid 1 M4 9.15 dBV/m	Grid 2 M4 10.2 dBV/m	Grid 3 M4 10.92 dBV/m
Grid 4 M4 7.72 dBV/m	Grid 5 M4 13.13 dBV/m	Grid 6 M4 10.52 dBV/m
Grid 7 M4 8.39 dBV/m	Grid 8 M4 11.6 dBV/m	Grid 9 M4 13.98 dBV/m

Total = 13.98 dBV/m

E Category: M4

Location: -16.5, 25, 8.7 mm



0 dB = 5.000 V/m = 13.98 dBV/m

23_HAC RF LTE B41_20M_ANT 6_QPSK_1RB_0Offset_Ch39750

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2506 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39750/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 = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.82 dBV/m

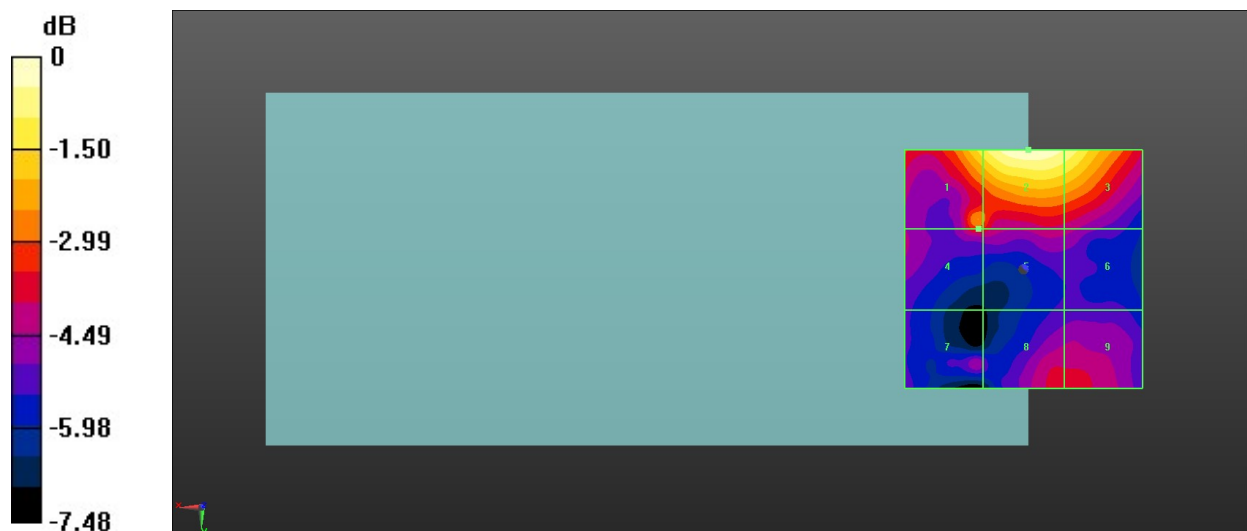
MIF scaled E-field

Grid 1 M4 20.68 dBV/m	Grid 2 M4 21.82 dBV/m	Grid 3 M4 21.29 dBV/m
Grid 4 M4 18.53 dBV/m	Grid 5 M4 18.34 dBV/m	Grid 6 M4 17.62 dBV/m
Grid 7 M4 17.28 dBV/m	Grid 8 M4 18.13 dBV/m	Grid 9 M4 18.14 dBV/m

Total = 21.82 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 12.33 V/m = 21.82 dBV/m

24_HAC RF LTE B41_20M_ANT 6_QPSK_1RB_0Offset_Ch40185

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2549.5 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40185/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 = 12.62 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.88 dBV/m

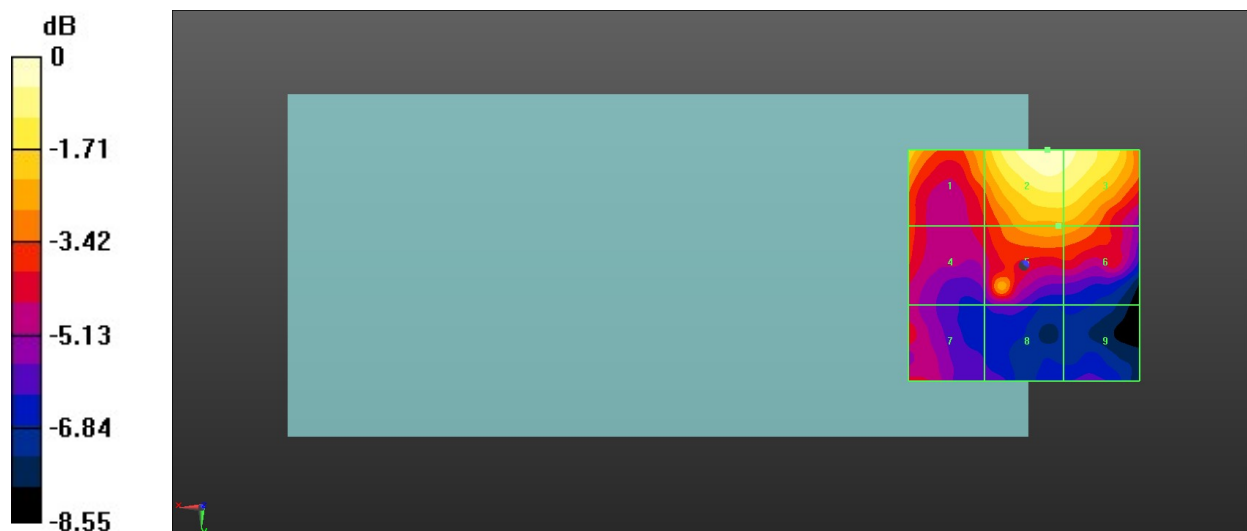
MIF scaled E-field

Grid 1 M4 19.4 dBV/m	Grid 2 M4 20.88 dBV/m	Grid 3 M4 20.6 dBV/m
Grid 4 M4 17.45 dBV/m	Grid 5 M4 18.45 dBV/m	Grid 6 M4 18.44 dBV/m
Grid 7 M4 16.85 dBV/m	Grid 8 M4 15.32 dBV/m	Grid 9 M4 14.82 dBV/m

Total = 20.88 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 11.07 V/m = 20.88 dBV/m

25_HAC RF LTE B41_20M_ANT 6_QPSK_1RB_0Offset_Ch40620

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2593 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/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 = 10.96 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.71 dBV/m

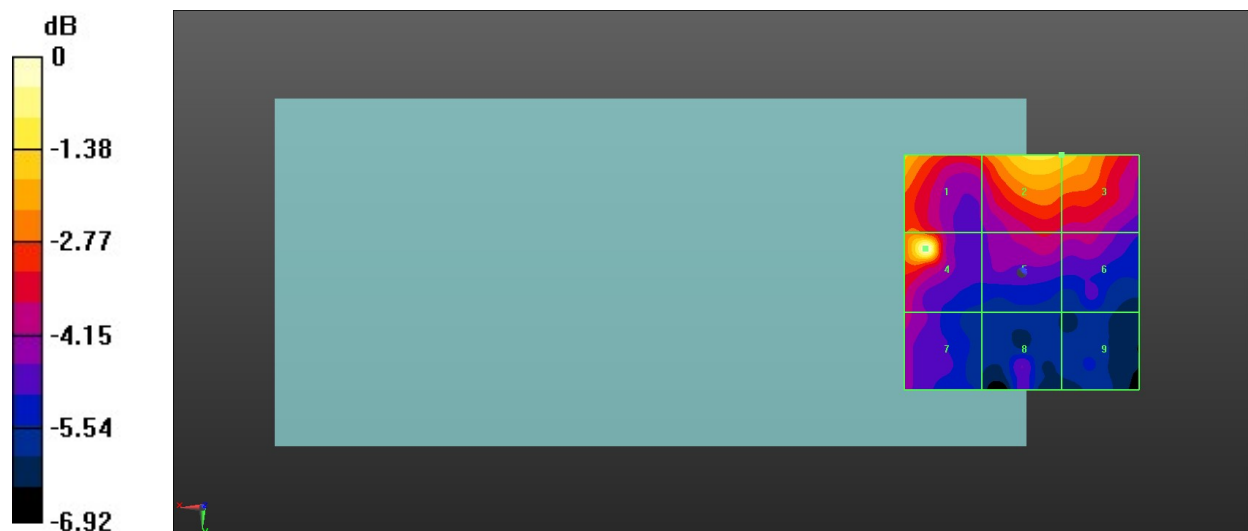
MIF scaled E-field

Grid 1 M4 19.08 dBV/m	Grid 2 M4 19.5 dBV/m	Grid 3 M4 19.25 dBV/m
Grid 4 M4 20.71 dBV/m	Grid 5 M4 17.12 dBV/m	Grid 6 M4 16.87 dBV/m
Grid 7 M4 16.91 dBV/m	Grid 8 M4 16.13 dBV/m	Grid 9 M4 15.26 dBV/m

Total = 20.71 dBV/m

E Category: M4

Location: 20.5, -5, 8.7 mm



0 dB = 10.85 V/m = 20.71 dBV/m

26_HAC RF LTE B41_20M_ANT 6_QPSK_1RB_0Offset_Ch41055

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2636.5 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41055/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 = 9.412 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.54 dBV/m

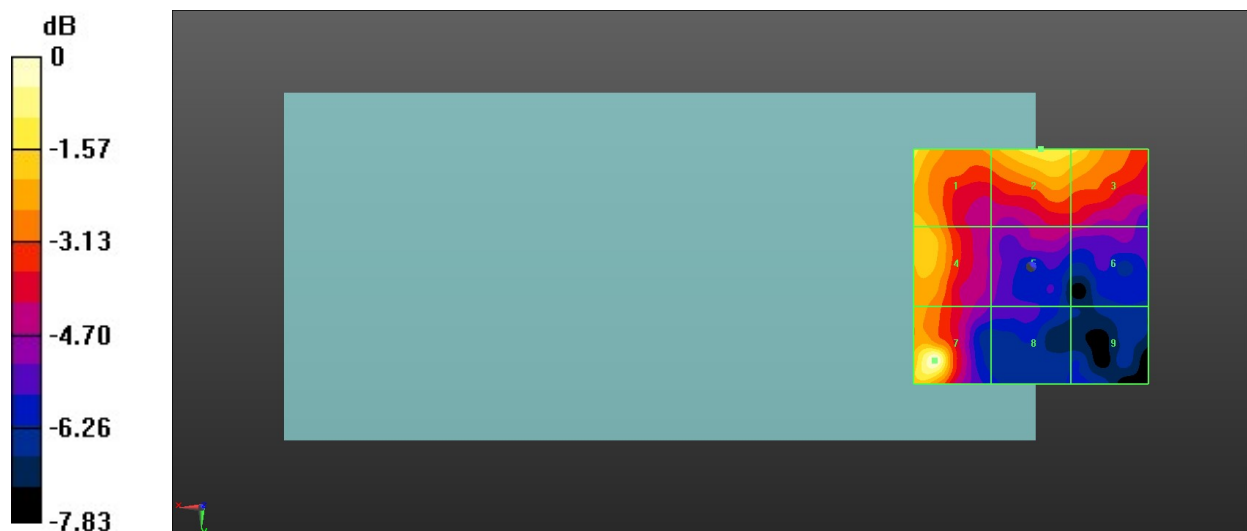
MIF scaled E-field

Grid 1 M4 18.29 dBV/m	Grid 2 M4 18.29 dBV/m	Grid 3 M4 18.15 dBV/m
Grid 4 M4 17.91 dBV/m	Grid 5 M4 15.33 dBV/m	Grid 6 M4 15.22 dBV/m
Grid 7 M4 19.54 dBV/m	Grid 8 M4 14.31 dBV/m	Grid 9 M4 13.49 dBV/m

Total = 19.54 dBV/m

E Category: M4

Location: 20.5, 20, 8.7 mm



0 dB = 9.488 V/m = 19.54 dBV/m

27_HAC RF LTE B41_20M_ANT 6_QPSK_1RB_0Offset_Ch41490

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2680 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41490/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 = 6.952 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.93 dBV/m

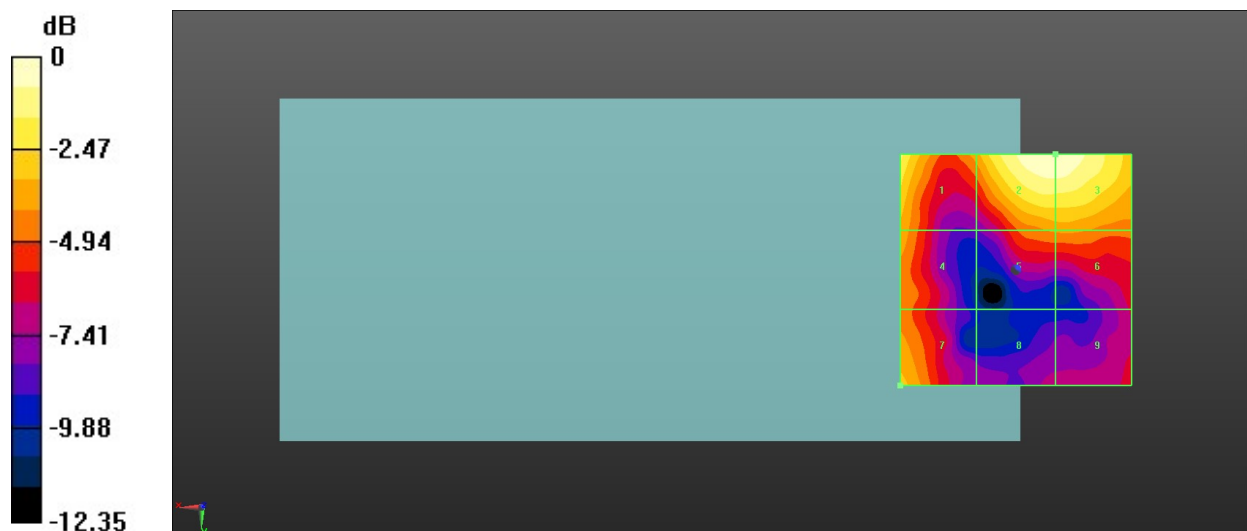
MIF scaled E-field

Grid 1 M4 17.66 dBV/m	Grid 2 M4 18.93 dBV/m	Grid 3 M4 18.93 dBV/m
Grid 4 M4 15.43 dBV/m	Grid 5 M4 14.99 dBV/m	Grid 6 M4 15.06 dBV/m
Grid 7 M4 16.05 dBV/m	Grid 8 M4 12.16 dBV/m	Grid 9 M4 12.83 dBV/m

Total = 18.93 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 8.844 V/m = 18.93 dBV/m

28_HAC RF LTE B41_20M_ANT 8_QPSK_1RB_0Offset_Ch39750

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2506 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39750/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 = 16.92 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.10 dBV/m

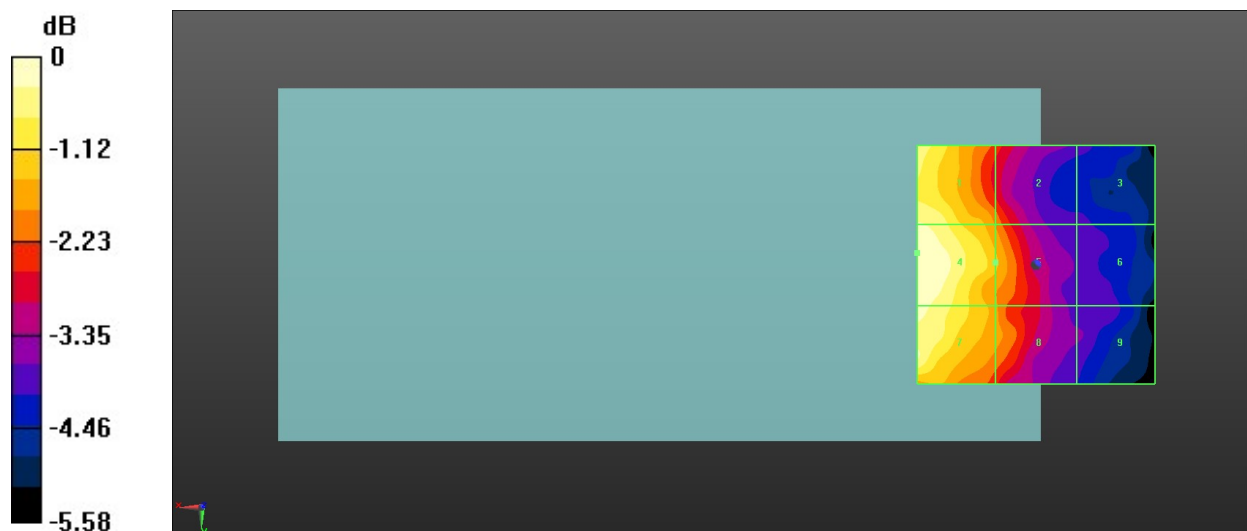
MIF scaled E-field

Grid 1 M4 18.78 dBV/m	Grid 2 M4 17.21 dBV/m	Grid 3 M4 15.34 dBV/m
Grid 4 M4 19.1 dBV/m	Grid 5 M4 17.71 dBV/m	Grid 6 M4 15.37 dBV/m
Grid 7 M4 18.9 dBV/m	Grid 8 M4 17.37 dBV/m	Grid 9 M4 15.46 dBV/m

Total = 19.10 dBV/m

E Category: M4

Location: 25, -2.5, 8.7 mm



0 dB = 9.018 V/m = 19.10 dBV/m

29_HAC RF LTE B41_20M_ANT 8_QPSK_1RB_0Offset_Ch40185

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2549.5 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40185/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 = 10.47 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.70 dBV/m

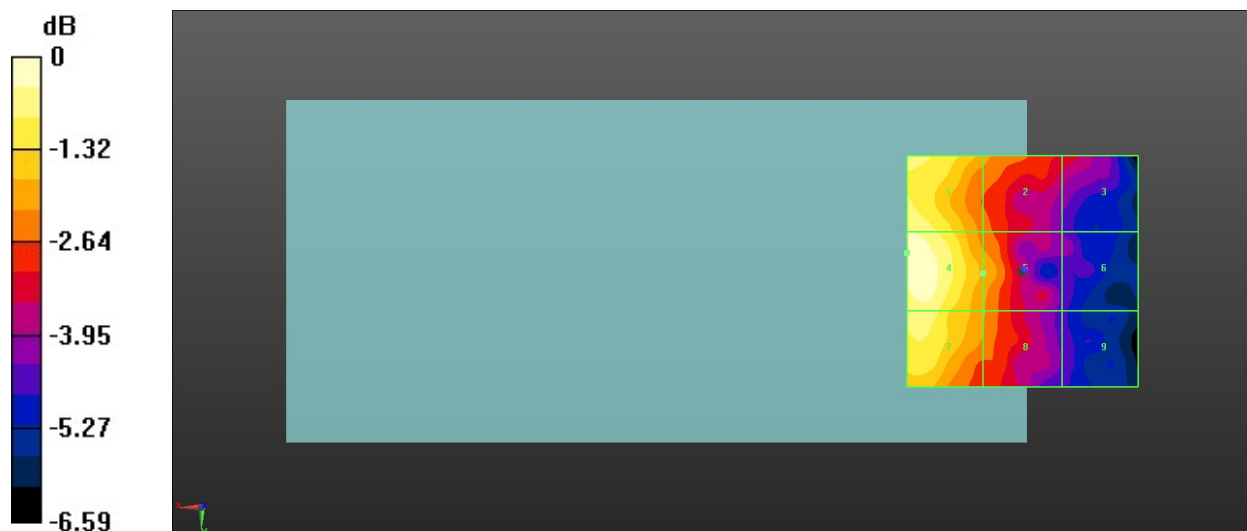
MIF scaled E-field

Grid 1 M4 18.3 dBV/m	Grid 2 M4 16.79 dBV/m	Grid 3 M4 15.64 dBV/m
Grid 4 M4 18.7 dBV/m	Grid 5 M4 16.85 dBV/m	Grid 6 M4 14.6 dBV/m
Grid 7 M4 18.12 dBV/m	Grid 8 M4 16.58 dBV/m	Grid 9 M4 14.29 dBV/m

Total = 18.70 dBV/m

E Category: M4

Location: 25, -4, 8.7 mm



0 dB = 8.612 V/m = 18.70 dBV/m

30_HAC RF LTE B41_20M_ANT 8_QPSK_1RB_0Offset_Ch40620

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2593 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/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 = 9.952 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.57 dBV/m

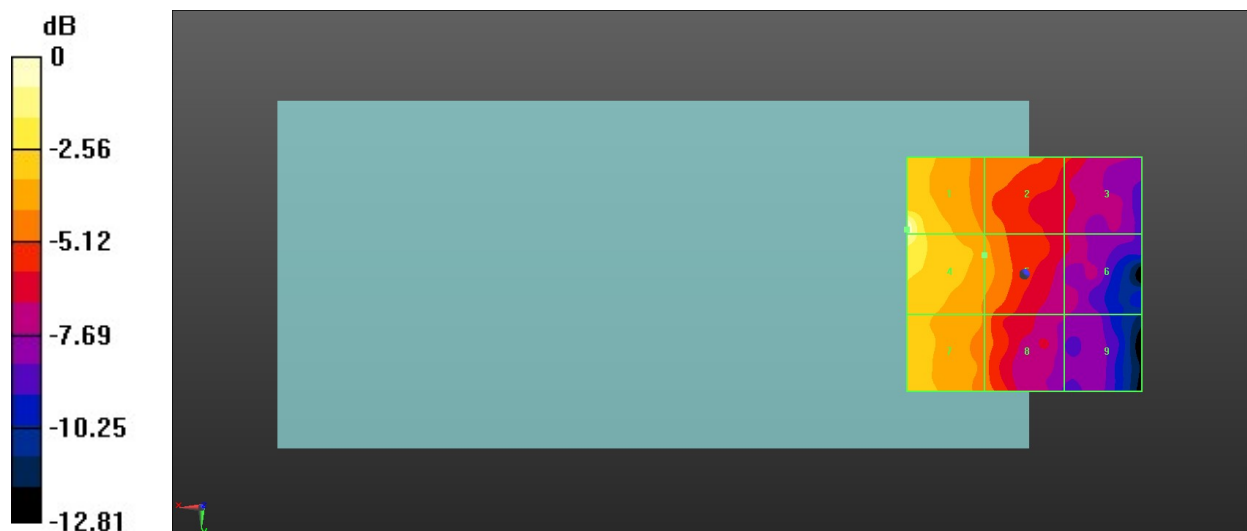
MIF scaled E-field

Grid 1 M4 19.57 dBV/m	Grid 2 M4 15.31 dBV/m	Grid 3 M4 13.95 dBV/m
Grid 4 M4 19.35 dBV/m	Grid 5 M4 15.75 dBV/m	Grid 6 M4 12.99 dBV/m
Grid 7 M4 16.71 dBV/m	Grid 8 M4 15.17 dBV/m	Grid 9 M4 12.02 dBV/m

Total = 19.57 dBV/m

E Category: M4

Location: 25, -9.5, 8.7 mm



0 dB = 9.520 V/m = 19.57 dBV/m

31_HAC RF LTE B41_20M_ANT 8_QPSK_1RB_0Offset_Ch41055

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2636.5 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41055/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 = 9.657 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.00 dBV/m

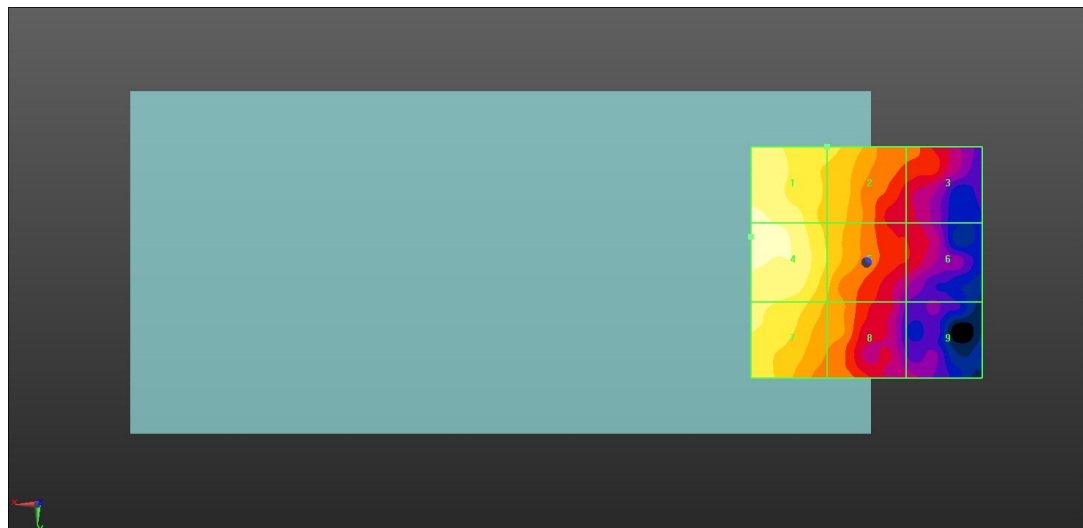
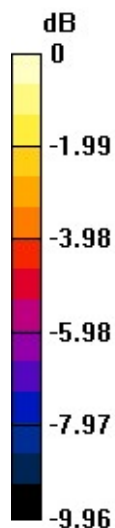
MIF scaled E-field

Grid 1 M4 16.82 dBV/m	Grid 2 M4 15.3 dBV/m	Grid 3 M4 13.4 dBV/m
Grid 4 M4 17 dBV/m	Grid 5 M4 15 dBV/m	Grid 6 M4 12.47 dBV/m
Grid 7 M4 15.79 dBV/m	Grid 8 M4 14.29 dBV/m	Grid 9 M4 11.45 dBV/m

Total = 17.00 dBV/m

E Category: M4

Location: 25, -5.5, 8.7 mm



0 dB = 7.078 V/m = 17.00 dBV/m

32_HAC RF LTE B41_20M_ANT 8_QPSK_1RB_0Offset_Ch41490

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2680 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41490/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 = 9.954 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.34 dBV/m

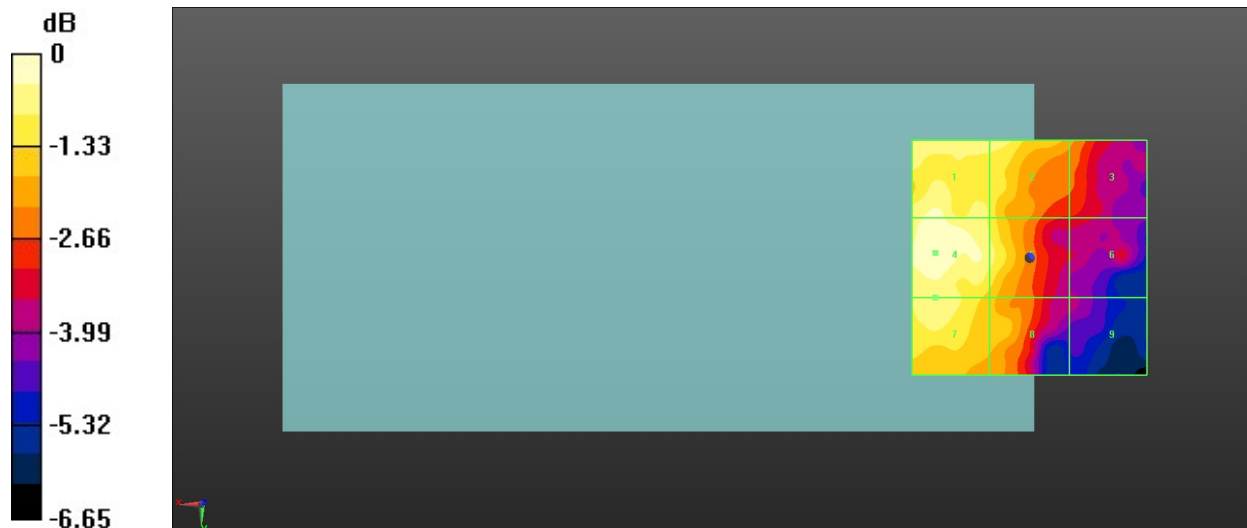
MIF scaled E-field

Grid 1 M4 17.03 dBV/m	Grid 2 M4 16.84 dBV/m	Grid 3 M4 15.34 dBV/m
Grid 4 M4 17.34 dBV/m	Grid 5 M4 16.67 dBV/m	Grid 6 M4 14.2 dBV/m
Grid 7 M4 16.78 dBV/m	Grid 8 M4 15.93 dBV/m	Grid 9 M4 13.56 dBV/m

Total = 17.34 dBV/m

E Category: M4

Location: 20, -1, 8.7 mm



0 dB = 7.365 V/m = 17.34 dBV/m

36_HAC RF WLAN2.4GHz_Ant 2+9_802.11g 6Mbps_Ch1

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/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 = 50.49 V/m; Power Drift = 0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.07 dBV/m

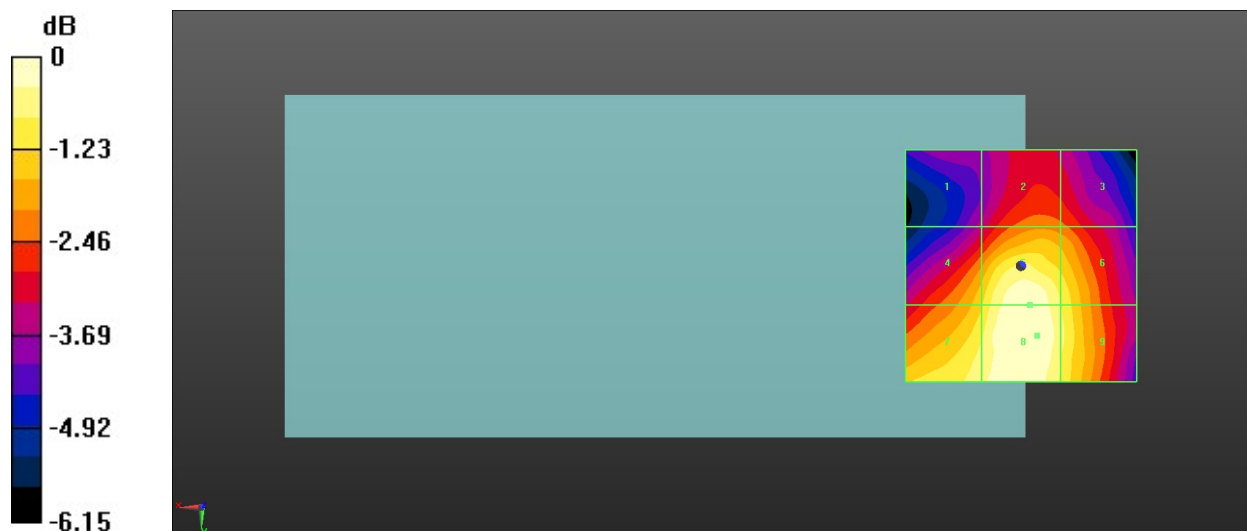
MIF scaled E-field

Grid 1 M4 27.6 dBV/m	Grid 2 M4 28.94 dBV/m	Grid 3 M4 28.77 dBV/m
Grid 4 M4 29.82 dBV/m	Grid 5 M3 30.94 dBV/m	Grid 6 M3 30.28 dBV/m
Grid 7 M3 30.53 dBV/m	Grid 8 M3 31.07 dBV/m	Grid 9 M3 30.41 dBV/m

Total = 31.07 dBV/m

E Category: M3

Location: -3.5, 15, 8.7 mm



0 dB = 35.77 V/m = 31.07 dBV/m

37_HAC RF WLAN2.4GHz_Ant 2+9_802.11g 6Mbps_Ch6

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch6/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 = 49.79 V/m; Power Drift = -0.17 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.76 dBV/m

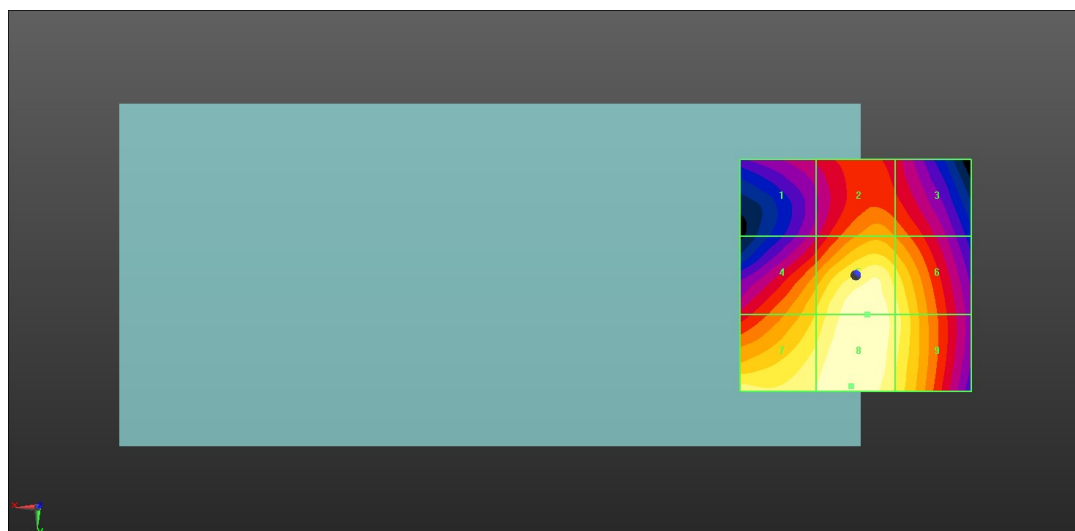
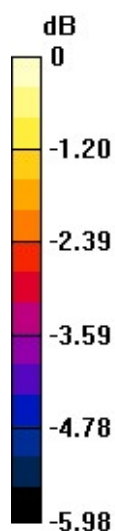
MIF scaled E-field

Grid 1 M4 27.68 dBV/m	Grid 2 M4 29.07 dBV/m	Grid 3 M4 28.75 dBV/m
Grid 4 M4 29.62 dBV/m	Grid 5 M3 30.72 dBV/m	Grid 6 M3 30.15 dBV/m
Grid 7 M3 30.39 dBV/m	Grid 8 M3 30.76 dBV/m	Grid 9 M3 30.18 dBV/m

Total = 30.76 dBV/m

E Category: M3

Location: 1, 24, 8.7 mm



0 dB = 34.51 V/m = 30.76 dBV/m

38_HAC RF WLAN2.4GHz_Ant 2+9_802.11g 6Mbps_Ch11

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch11/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 = 52.04 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.36 dBV/m

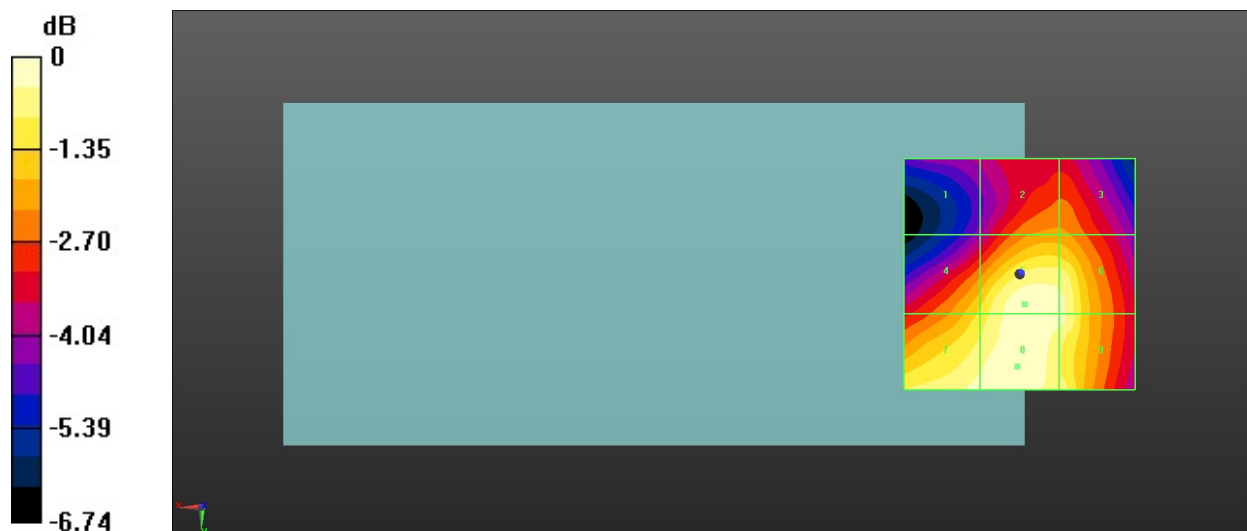
MIF scaled E-field

Grid 1 M4 27.51 dBV/m	Grid 2 M4 29.3 dBV/m	Grid 3 M4 29.29 dBV/m
Grid 4 M3 30.14 dBV/m	Grid 5 M3 31.24 dBV/m	Grid 6 M3 31.04 dBV/m
Grid 7 M3 31.09 dBV/m	Grid 8 M3 31.36 dBV/m	Grid 9 M3 31.04 dBV/m

Total = 31.36 dBV/m

E Category: M3

Location: 0.5, 20, 8.7 mm



0 dB = 36.96 V/m = 31.35 dBV/m

39_HAC RF WLAN5.2GHz_Ant 2+9_802.11a 6Mbps_Ch36

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5180 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch36/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 = 13.81 V/m; Power Drift = -0.15 dB

Applied MIF = -3.15 dB

RF audio interference level = 20.66 dBV/m

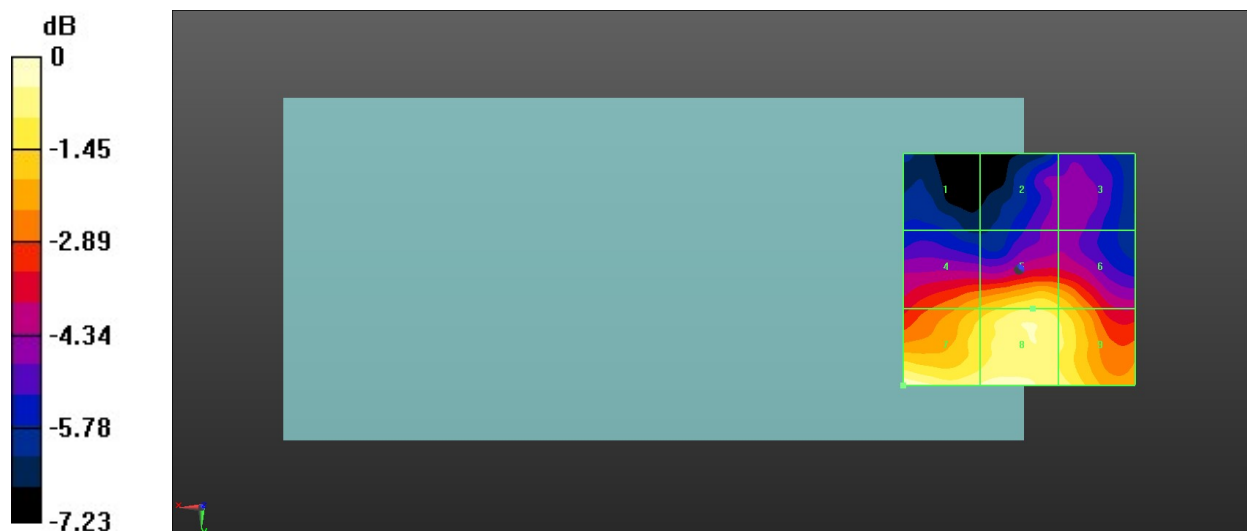
MIF scaled E-field

Grid 1 M4 15.11 dBV/m	Grid 2 M4 16.18 dBV/m	Grid 3 M4 16.32 dBV/m
Grid 4 M4 18.83 dBV/m	Grid 5 M4 19.74 dBV/m	Grid 6 M4 19.35 dBV/m
Grid 7 M4 20.66 dBV/m	Grid 8 M4 20.52 dBV/m	Grid 9 M4 19.97 dBV/m

Total = 20.66 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 10.79 V/m = 20.66 dBV/m

40_HAC RF WLAN5.2GHz_Ant 2+9_802.11a 6Mbps_Ch44

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5220 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch44/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 = 17.23 V/m; Power Drift = 0.06 dB

Applied MIF = -3.15 dB

RF audio interference level = 23.06 dBV/m

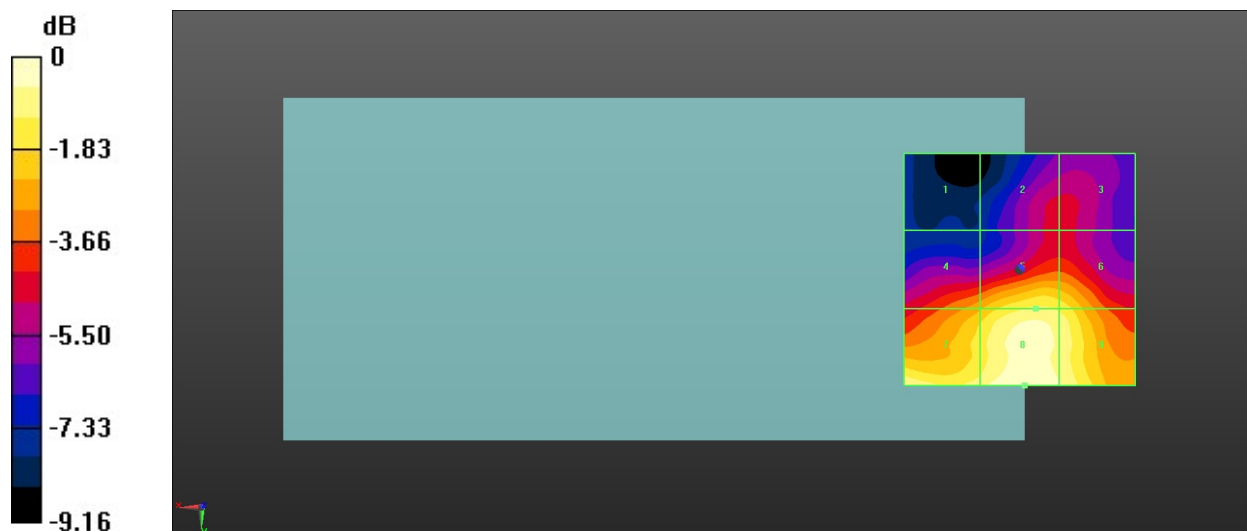
MIF scaled E-field

Grid 1 M4 15.48 dBV/m	Grid 2 M4 18.42 dBV/m	Grid 3 M4 18.42 dBV/m
Grid 4 M4 20.55 dBV/m	Grid 5 M4 21.98 dBV/m	Grid 6 M4 21.73 dBV/m
Grid 7 M4 22.67 dBV/m	Grid 8 M4 23.06 dBV/m	Grid 9 M4 22.57 dBV/m

Total = 23.06 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 14.23 V/m = 23.06 dBV/m

41_HAC RF WLAN5.2GHz_Ant 2+9_802.11a 6Mbps_Ch48

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5240 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch48/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 = 17.01 V/m; Power Drift = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 23.04 dBV/m

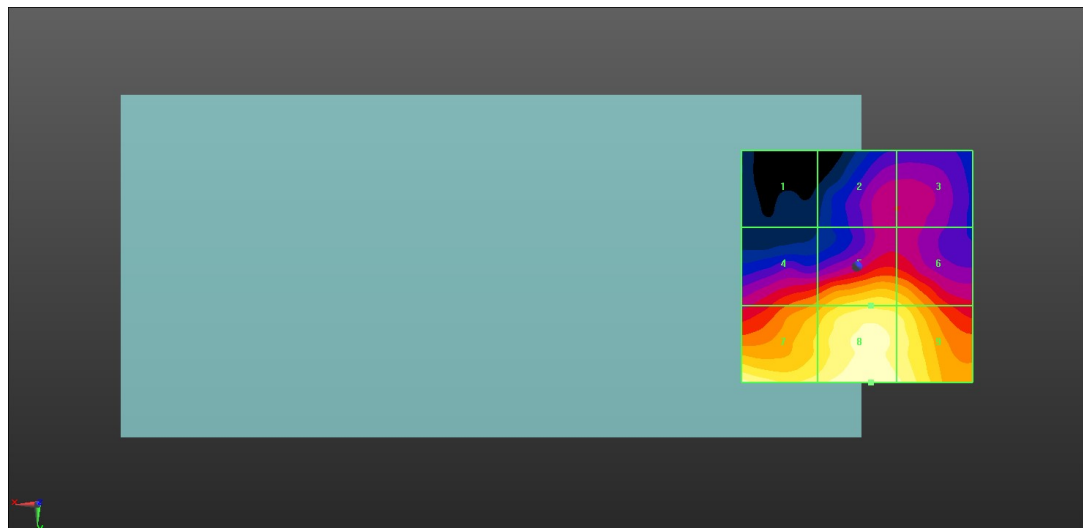
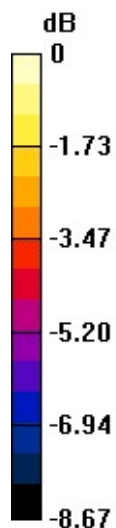
MIF scaled E-field

Grid 1 M4 15.65 dBV/m	Grid 2 M4 18.44 dBV/m	Grid 3 M4 18.44 dBV/m
Grid 4 M4 20.43 dBV/m	Grid 5 M4 21.77 dBV/m	Grid 6 M4 21.56 dBV/m
Grid 7 M4 22.75 dBV/m	Grid 8 M4 23.04 dBV/m	Grid 9 M4 22.64 dBV/m

Total = 23.04 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 14.19 V/m = 23.04 dBV/m

42_HAC RF WLAN5.3GHz_Ant 2+9_802.11a 6Mbps_Ch52

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5260 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch52/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 = 6.112 V/m; Power Drift = -0.09 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.95 dBV/m

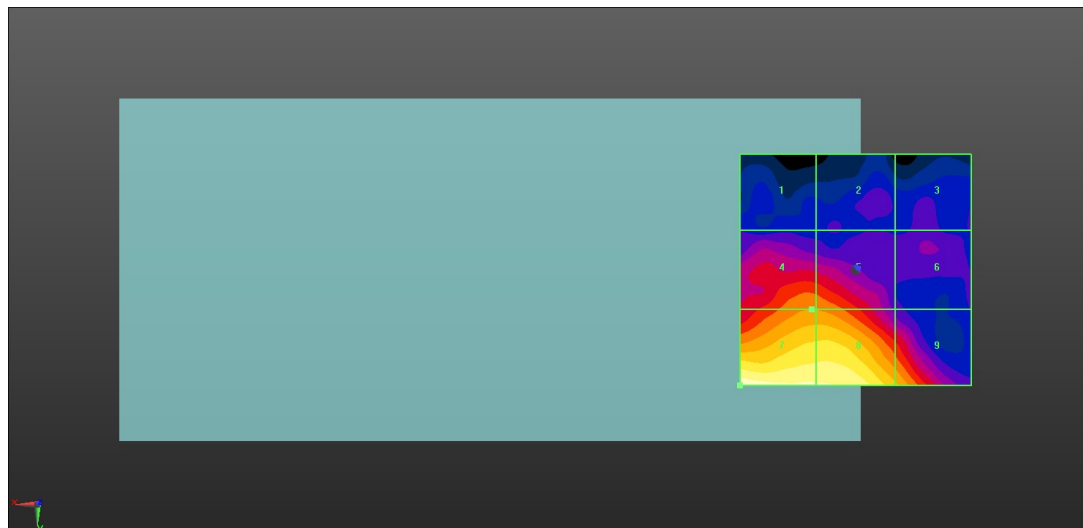
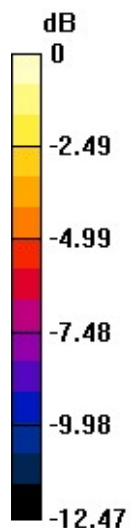
MIF scaled E-field

Grid 1 M4 10.91 dBV/m	Grid 2 M4 11.64 dBV/m	Grid 3 M4 11.51 dBV/m
Grid 4 M4 15.77 dBV/m	Grid 5 M4 15.77 dBV/m	Grid 6 M4 11.73 dBV/m
Grid 7 M4 19.95 dBV/m	Grid 8 M4 19.27 dBV/m	Grid 9 M4 16.91 dBV/m

Total = 19.95 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.939 V/m = 19.95 dBV/m

43_HAC RF WLAN5.3GHz_Ant 2+9_802.11a 6Mbps_Ch60

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5300 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch60/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 = 6.613 V/m; Power Drift = -0.05 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.80 dBV/m

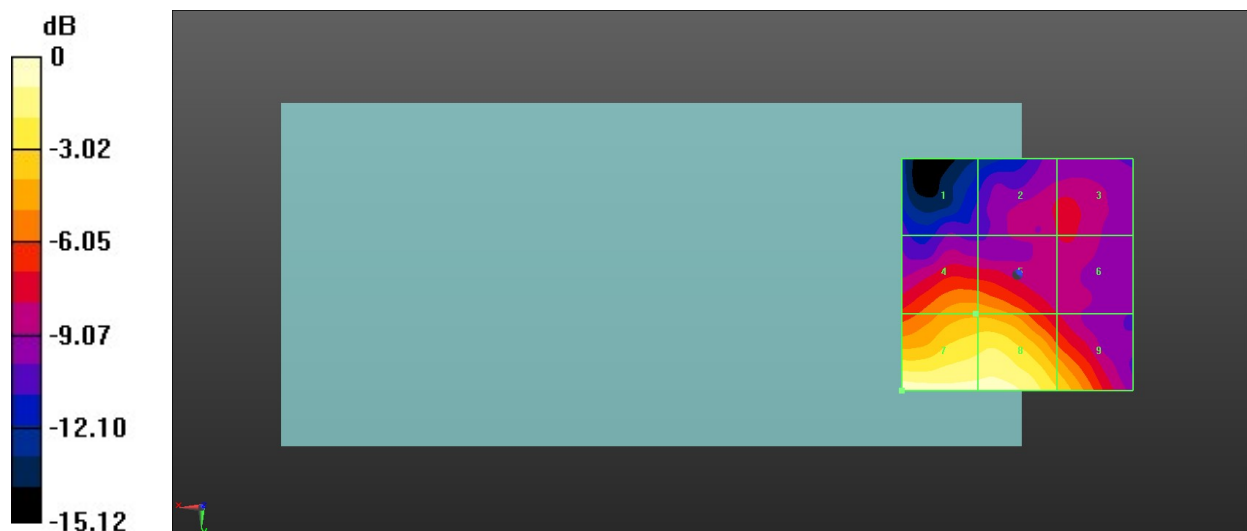
MIF scaled E-field

Grid 1 M4 9.88 dBV/m	Grid 2 M4 12 dBV/m	Grid 3 M4 12.2 dBV/m
Grid 4 M4 15.55 dBV/m	Grid 5 M4 15.55 dBV/m	Grid 6 M4 11.98 dBV/m
Grid 7 M4 19.8 dBV/m	Grid 8 M4 19.27 dBV/m	Grid 9 M4 16.9 dBV/m

Total = 19.80 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.768 V/m = 19.80 dBV/m

44_HAC RF WLAN5.3GHz_Ant 2+9_802.11a 6Mbps_Ch64

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5320 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch64/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 = 15.81 V/m; Power Drift = -0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.78 dBV/m

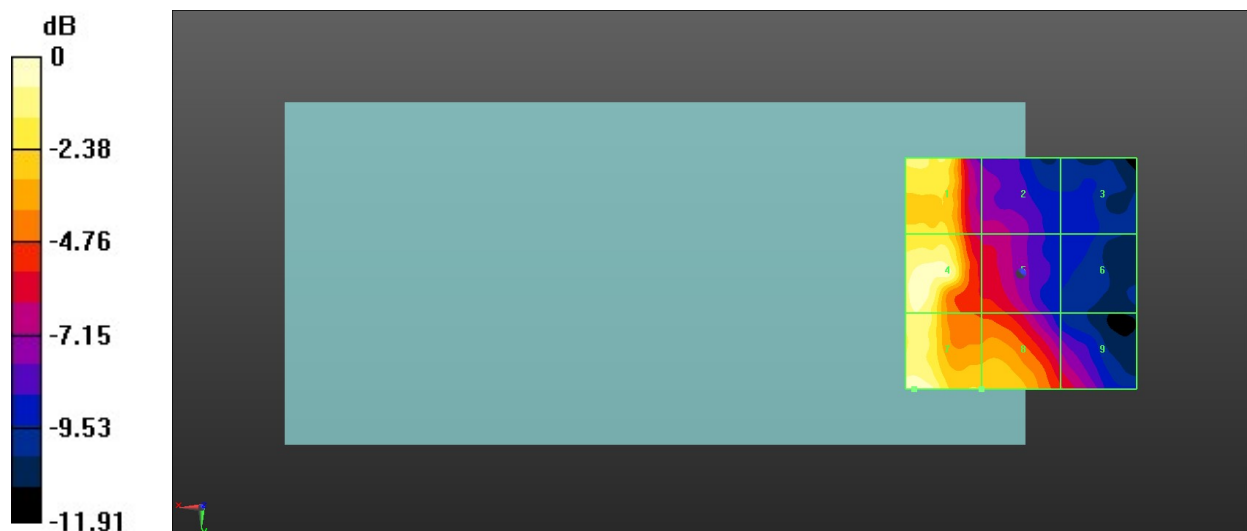
MIF scaled E-field

Grid 1 M4 18.57 dBV/m	Grid 2 M4 13.15 dBV/m	Grid 3 M4 11 dBV/m
Grid 4 M4 19.37 dBV/m	Grid 5 M4 14.82 dBV/m	Grid 6 M4 11.04 dBV/m
Grid 7 M4 19.78 dBV/m	Grid 8 M4 17.43 dBV/m	Grid 9 M4 14.49 dBV/m

Total = 19.78 dBV/m

E Category: M4

Location: 23, 25, 8.7 mm



0 dB = 9.747 V/m = 19.78 dBV/m

45_HAC RF WLAN5.5GHz_Ant 2+9_802.11a 6Mbps_Ch100

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5500 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch100/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 = 9.005 V/m; Power Drift = 0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.76 dBV/m

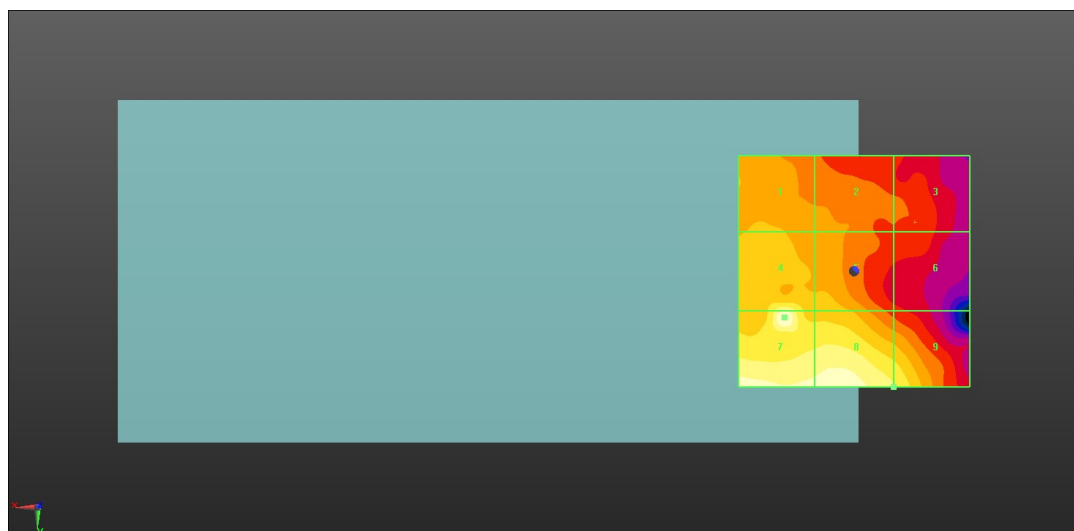
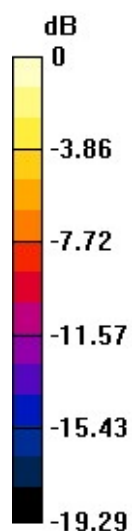
MIF scaled E-field

Grid 1 M4 13.87 dBV/m	Grid 2 M4 13.03 dBV/m	Grid 3 M4 11.35 dBV/m
Grid 4 M4 17.48 dBV/m	Grid 5 M4 14.39 dBV/m	Grid 6 M4 10.94 dBV/m
Grid 7 M4 18.76 dBV/m	Grid 8 M4 18.07 dBV/m	Grid 9 M4 16.4 dBV/m

Total = 18.76 dBV/m

E Category: M4

Location: 15, 10, 8.7 mm



0 dB = 8.669 V/m = 18.76 dBV/m

46_HAC RF WLAN5.5GHz_Ant 2+9_802.11a 6Mbps_Ch116

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5580 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch116/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 = 9.021 V/m; Power Drift = 0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.29 dBV/m

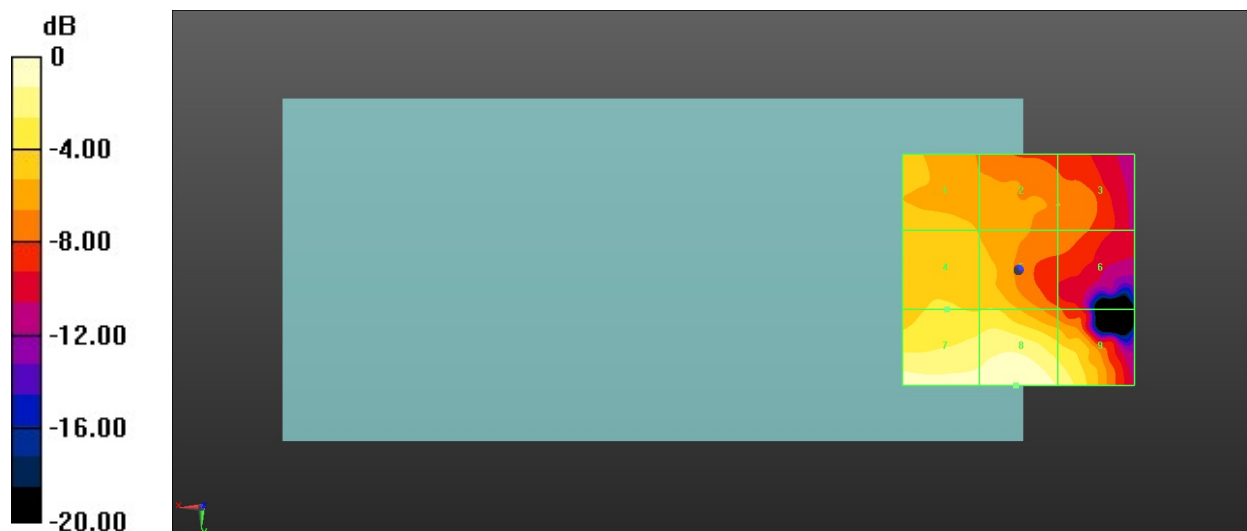
MIF scaled E-field

Grid 1 M4 13.63 dBV/m	Grid 2 M4 12.93 dBV/m	Grid 3 M4 11.66 dBV/m
Grid 4 M4 14.56 dBV/m	Grid 5 M4 14.41 dBV/m	Grid 6 M4 11.18 dBV/m
Grid 7 M4 18.2 dBV/m	Grid 8 M4 18.29 dBV/m	Grid 9 M4 16.88 dBV/m

Total = 18.29 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



0 dB = 8.212 V/m = 18.29 dBV/m

47_HAC RF WLAN5.5GHz_Ant 2+9_802.11a 6Mbps_Ch140

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5700 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch140/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 = 8.462 V/m; Power Drift = -0.08 dB

Applied MIF = -3.15 dB

RF audio interference level = 16.68 dBV/m

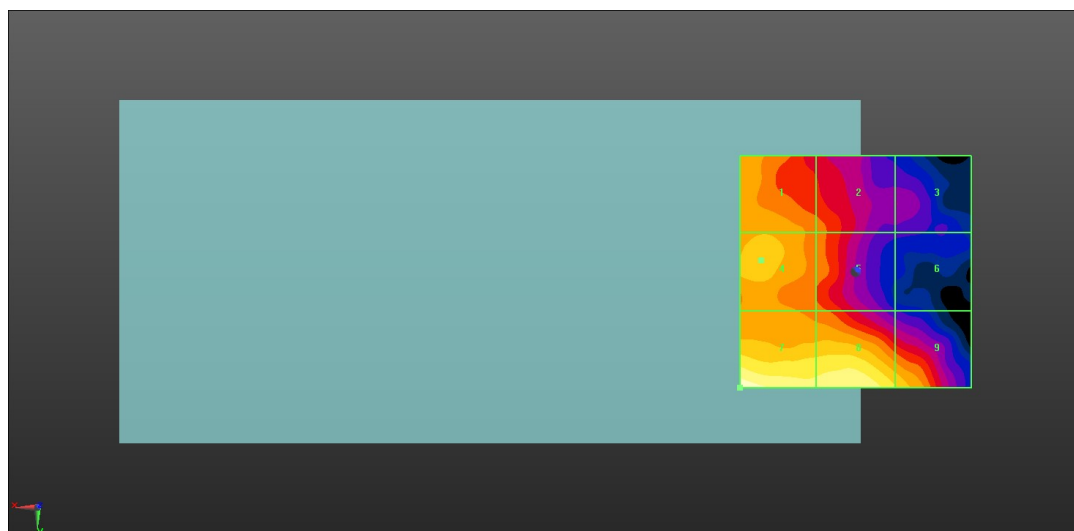
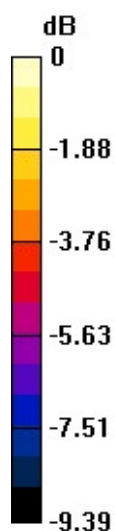
MIF scaled E-field

Grid 1 M4 14.15 dBV/m	Grid 2 M4 13.25 dBV/m	Grid 3 M4 11.07 dBV/m
Grid 4 M4 14.51 dBV/m	Grid 5 M4 13.28 dBV/m	Grid 6 M4 10.15 dBV/m
Grid 7 M4 16.68 dBV/m	Grid 8 M4 16.04 dBV/m	Grid 9 M4 14.86 dBV/m

Total = 16.68 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 6.824 V/m = 16.68 dBV/m

48_HAC RF WLAN5.8GHz_Ant 2+9_802.11a 6Mbps_Ch149

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5745 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch149/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 = 8.486 V/m; Power Drift = 0.09 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.92 dBV/m

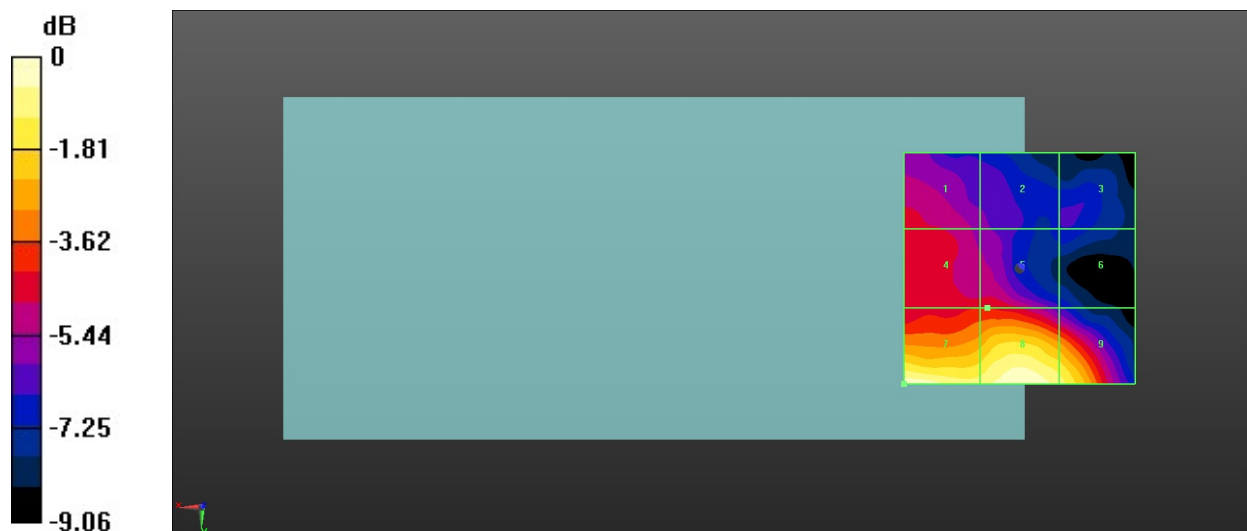
MIF scaled E-field

Grid 1 M4 14.6 dBV/m	Grid 2 M4 13.26 dBV/m	Grid 3 M4 12.49 dBV/m
Grid 4 M4 14.64 dBV/m	Grid 5 M4 14.65 dBV/m	Grid 6 M4 12.45 dBV/m
Grid 7 M4 18.92 dBV/m	Grid 8 M4 18.92 dBV/m	Grid 9 M4 18.03 dBV/m

Total = 18.92 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 8.828 V/m = 18.92 dBV/m

49_HAC RF WLAN5.8GHz_Ant 2+9_802.11a 6Mbps_Ch157

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5785 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch157/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 = 11.68 V/m; Power Drift = -0.12 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.74 dBV/m

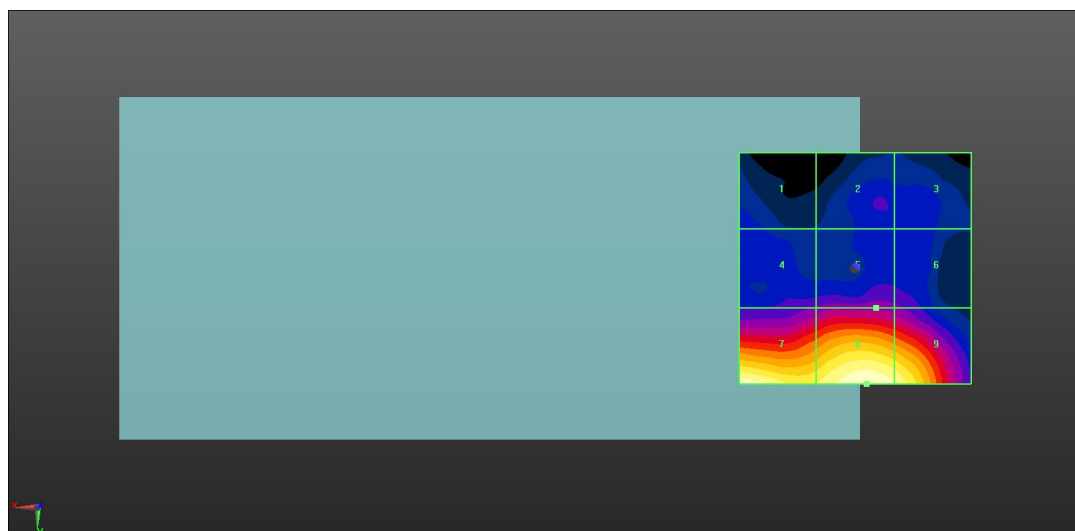
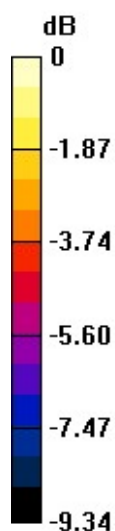
MIF scaled E-field

Grid 1 M4 15.74 dBV/m	Grid 2 M4 16.01 dBV/m	Grid 3 M4 15.92 dBV/m
Grid 4 M4 16.6 dBV/m	Grid 5 M4 17.02 dBV/m	Grid 6 M4 16.74 dBV/m
Grid 7 M4 22.68 dBV/m	Grid 8 M4 22.74 dBV/m	Grid 9 M4 22.19 dBV/m

Total = 22.74 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 13.72 V/m = 22.75 dBV/m

50_HAC RF WLAN5.8GHz_Ant 2+9_802.11a 6Mbps_Ch165

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps);
Frequency: 5825 MHz; Duty Cycle: 1:11.3789

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

Ambient Temperature : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022.1.31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch165/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 = 9.063 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.76 dBV/m

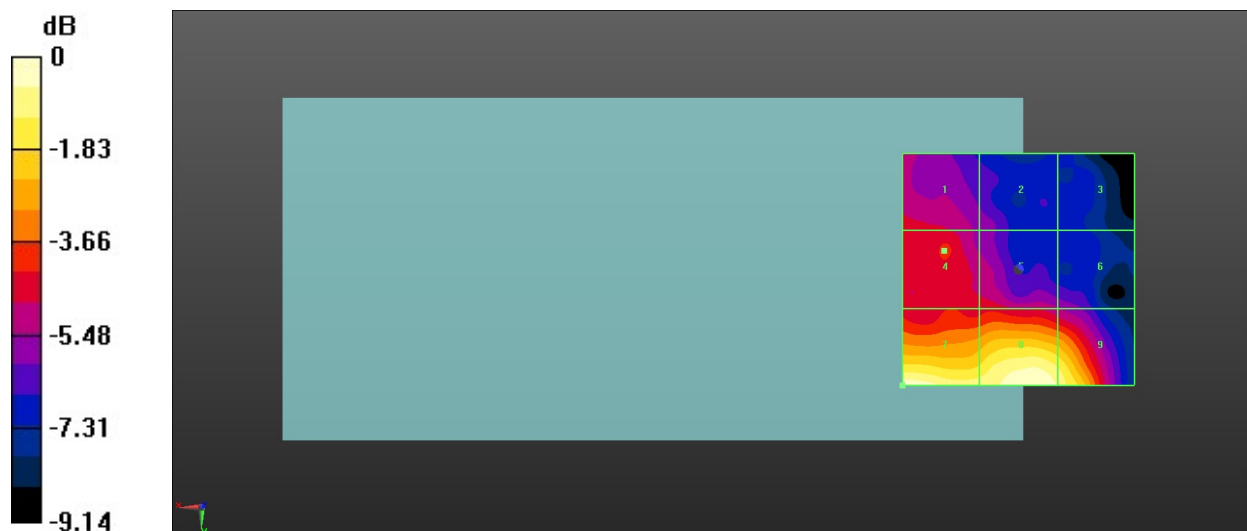
MIF scaled E-field

Grid 1 M4 14.25 dBV/m	Grid 2 M4 13.12 dBV/m	Grid 3 M4 11.99 dBV/m
Grid 4 M4 14.6 dBV/m	Grid 5 M4 14.35 dBV/m	Grid 6 M4 13.39 dBV/m
Grid 7 M4 18.76 dBV/m	Grid 8 M4 18.76 dBV/m	Grid 9 M4 18.08 dBV/m

Total = 18.76 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm





Appendix C. DASY Calibration Certificate

The DASY calibration certificates are shown as follows.



Accredited by the Swiss Accreditation Service (SAS)

Accreditation No.: **SCS 0108**

The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Client **Sporton**

Certificate No: **CD835V3-1171_Mar22**

CALIBRATION CERTIFICATE

Object **CD835V3 - SN: 1171**

Calibration procedure(s) **QA CAL-20.v7
Calibration Procedure for Validation Sources in air**

Calibration date: **March 01, 2022**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^{\circ}\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Probe EF3DV3	SN: 4013	28-Dec-21 (No. EF3-4013_Dec21)	Dec-22
DAE4	SN: 781	22-Dec-21 (No. DAE4-781_Dec21)	Dec-22

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter Agilent 4419B	SN: GB42420191	09-Oct-09 (in house check Oct-20)	In house check: Oct-23
Power sensor HP E4412A	SN: US38485102	05-Jan-10 (in house check Oct-20)	In house check: Oct-23
Power sensor HP 8482A	SN: US37295597	09-Oct-09 (in house check Oct-20)	In house check: Oct-23
RF generator R&S SMT-06	SN: 837633/005	10-Jan-19 (in house check Oct-20)	In house check: Oct-23
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

Calibrated by: **Leif Klysner** **Laboratory Technician**

Approved by: **Niels Kuster** **Quality Manager**

Signature

Issued: March 2, 2022

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.