Appendix B

Detailed Test Results

1. GSM
GSM850 for E-Field Emission
GSM1900 for E-Field Emission

Date: 2022-07-04

Test Laboratory: SGS-SAR Lab

SL201D HAC-RF-GSM850 128CH

DUT: SL201D; Type: Smart Phone; Serial: 355171430009902

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

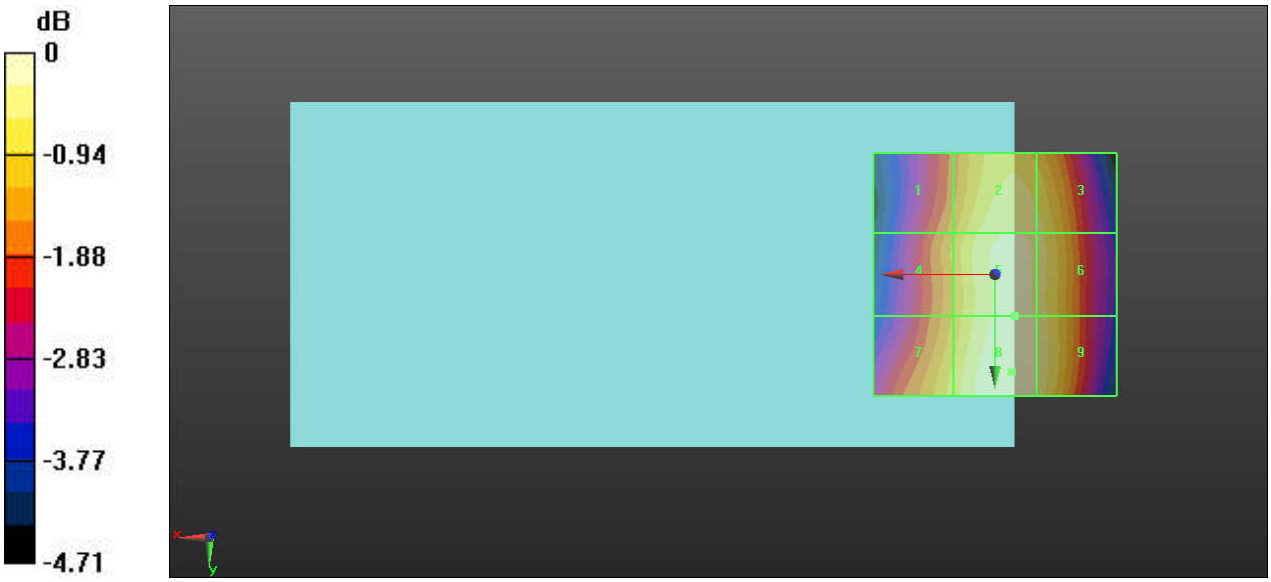
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2021-07-19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/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 = 59.24 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.03 dBV/m**	Grid 2 **M4** **37.05 dBV/m**	Grid 3 **M4** **36.88 dBV/m**
Grid 4 **M4** **36.21 dBV/m**	Grid 5 **M4** **37.21 dBV/m**	Grid 6 **M4** **36.98 dBV/m**
Grid 7 **M4** **36.57 dBV/m**	Grid 8 **M4** **37.34 dBV/m**	Grid 9 **M4** **37.06 dBV/m**

Cursor:
Total = 37.34 dBV/m
E Category: M4
Location: -3.5, 20, 8.7 mm



0 dB = 73.63 V/m = 37.34 dBV/m

Date: 2022-07-04

Test Laboratory: SGS-SAR Lab

SL201D HAC-RF-GSM850 190CH

DUT: SL201D; Type: Smart Phone; Serial: 355171430009902

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

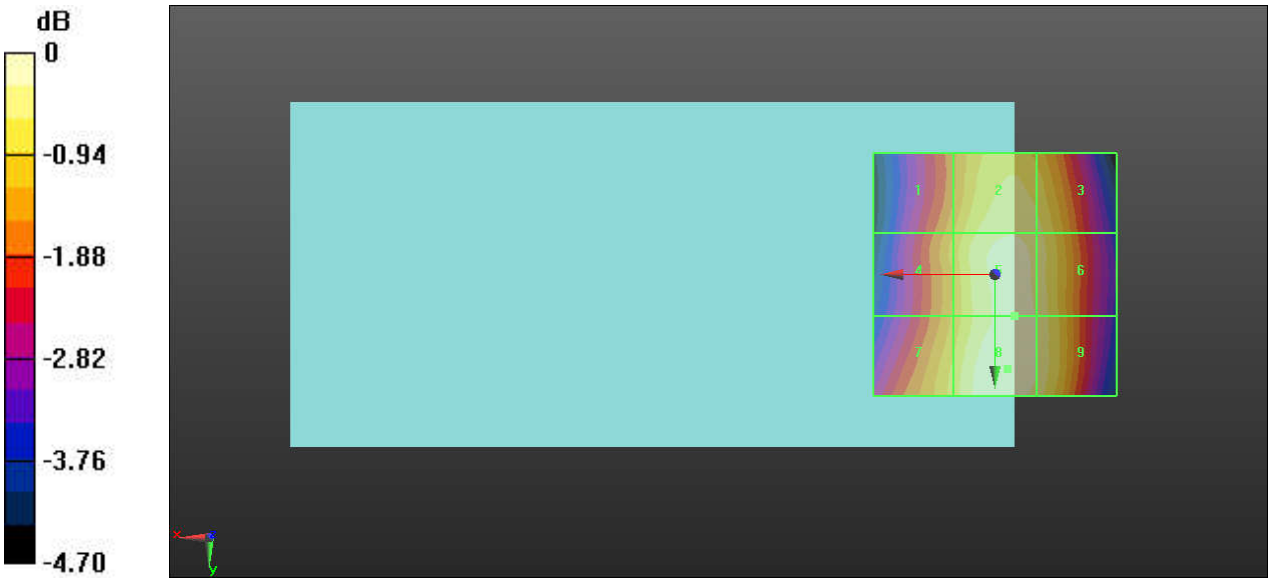
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2021-07-19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device 2/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 = 59.44 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.13 dBV/m**	Grid 2 **M4** **37.06 dBV/m**	Grid 3 **M4** **36.89 dBV/m**
Grid 4 **M4** **36.29 dBV/m**	Grid 5 **M4** **37.24 dBV/m**	Grid 6 **M4** **37.05 dBV/m**
Grid 7 **M4** **36.6 dBV/m**	Grid 8 **M4** **37.38 dBV/m**	Grid 9 **M4** **37.09 dBV/m**

Cursor:
Total = 37.38 dBV/m
E Category: M4
Location: -2.5, 19.5, 8.7 mm



0 dB = 73.97 V/m = 37.38 dBV/m

Date: 2022-07-04

Test Laboratory: SGS-SAR Lab

SL201D HAC-RF-GSM850 251CH

DUT: SL201D; Type: Smart Phone; Serial: 355171430009902

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

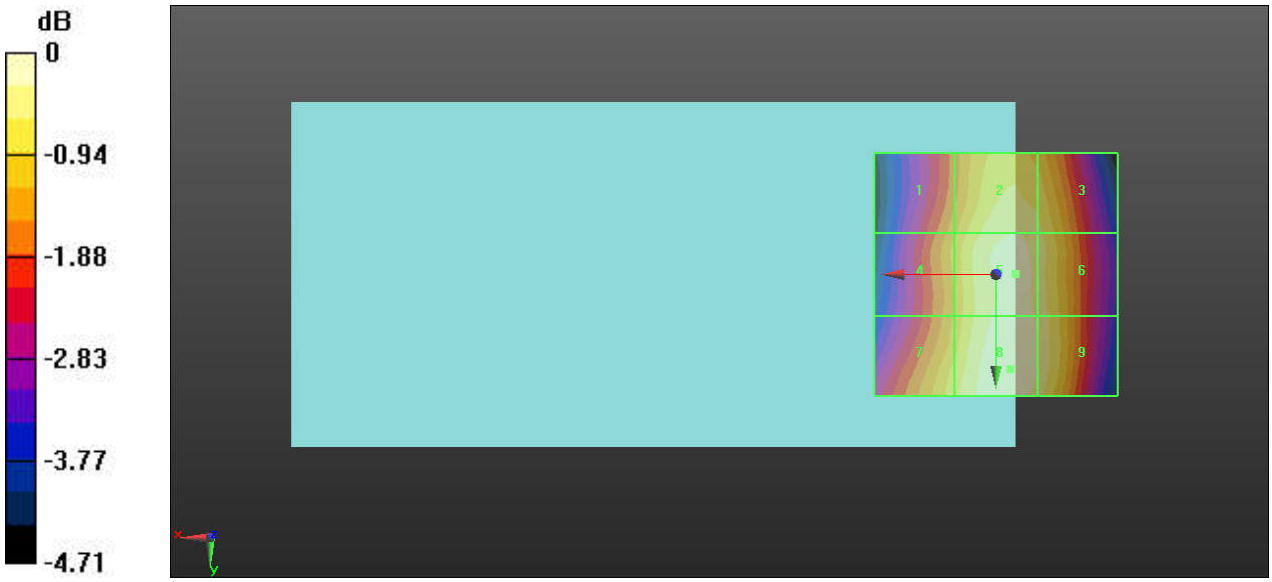
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2021-07-19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device 3/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 = 52.32 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.01 dBV/m**	Grid 2 **M4** **36.01 dBV/m**	Grid 3 **M4** **35.8 dBV/m**
Grid 4 **M4** **35.19 dBV/m**	Grid 5 **M4** **36.18 dBV/m**	Grid 6 **M4** **35.94 dBV/m**
Grid 7 **M4** **35.59 dBV/m**	Grid 8 **M4** **36.31 dBV/m**	Grid 9 **M4** **36.02 dBV/m**

Cursor:
Total = 36.31 dBV/m
E Category: M4
Location: -3, 19.5, 8.7 mm



0 dB = 65.39 V/m = 36.31 dBV/m

Date: 2022-07-04

Test Laboratory: SGS-SAR Lab

SL201D HAC-RF-GSM1900 512CH

DUT: SL201D; Type: Smart Phone; Serial: 355171430009902

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

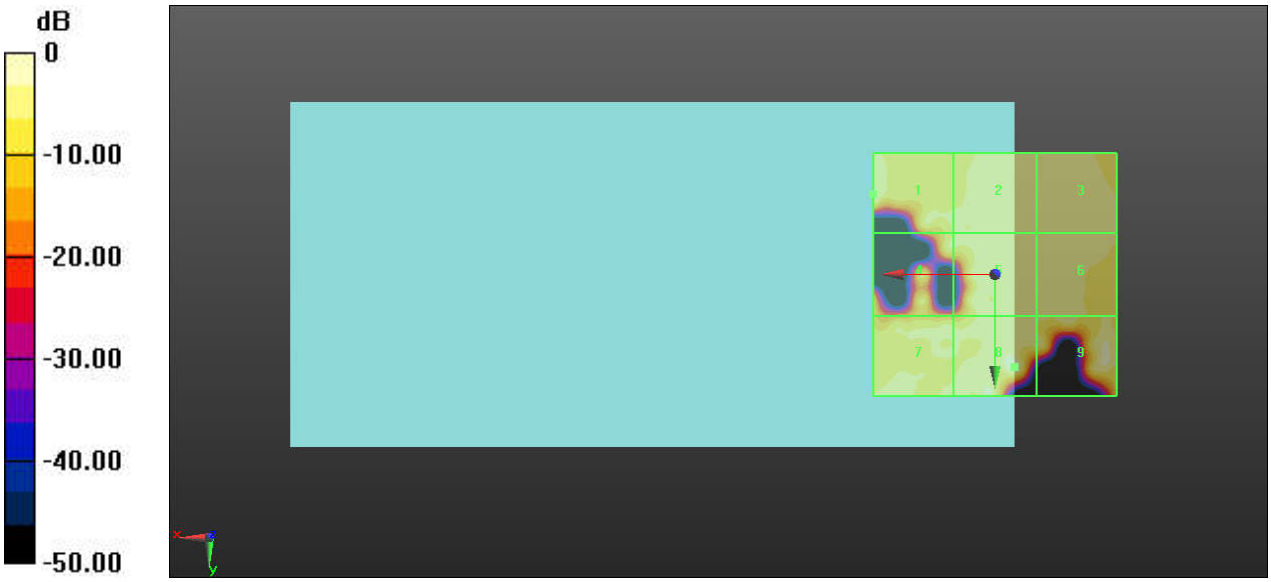
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2021-07-19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device 4/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 = 7.520 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 23.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.91 dBV/m**	Grid 2 **M4** **19.82 dBV/m**	Grid 3 **M4** **19.77 dBV/m**
Grid 4 **M4** **18.56 dBV/m**	Grid 5 **M4** **19.73 dBV/m**	Grid 6 **M4** **20.26 dBV/m**
Grid 7 **M4** **18.92 dBV/m**	Grid 8 **M4** **22.81 dBV/m**	Grid 9 **M4** **21.44 dBV/m**

Cursor:
Total = 23.91 dBV/m
E Category: M4
Location: 25, -16.5, 8.7 mm



0 dB = 15.69 V/m = 23.91 dBV/m

Date: 2022-07-04

Test Laboratory: SGS-SAR Lab

SL201D HAC-RF-GSM1900 661CH

DUT: SL201D; Type: Smart Phone; Serial: 355171430009902

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

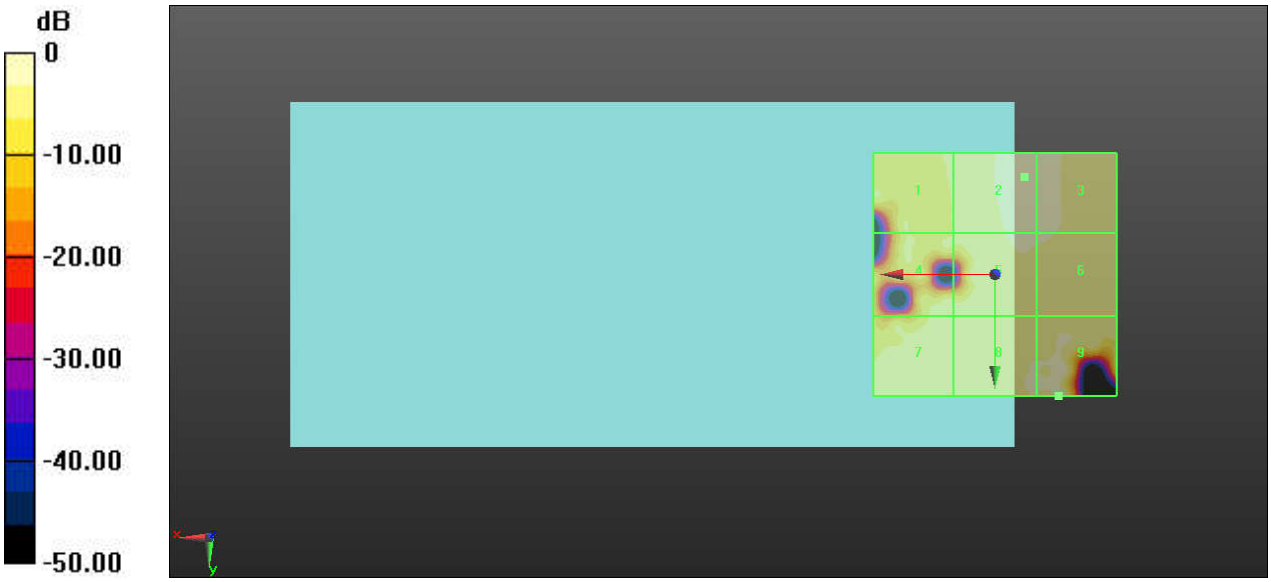
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2021-07-19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device 5/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 = 7.955 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 24.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.2 dBV/m**	Grid 2 **M4** **21.46 dBV/m**	Grid 3 **M4** **21.42 dBV/m**
Grid 4 **M4** **19.6 dBV/m**	Grid 5 **M4** **21.15 dBV/m**	Grid 6 **M4** **21 dBV/m**
Grid 7 **M4** **19.65 dBV/m**	Grid 8 **M4** **22.01 dBV/m**	Grid 9 **M4** **24.1 dBV/m**

Cursor:
Total = 24.10 dBV/m
E Category: M4
Location: -13, 25, 8.7 mm



0 dB = 16.04 V/m = 24.10 dBV/m

Date: 2022-07-04

Test Laboratory: SGS-SAR Lab

SL201D HAC-RF-GSM1900 810CH

DUT: SL201D; Type: Smart Phone; Serial: 355171430009902

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

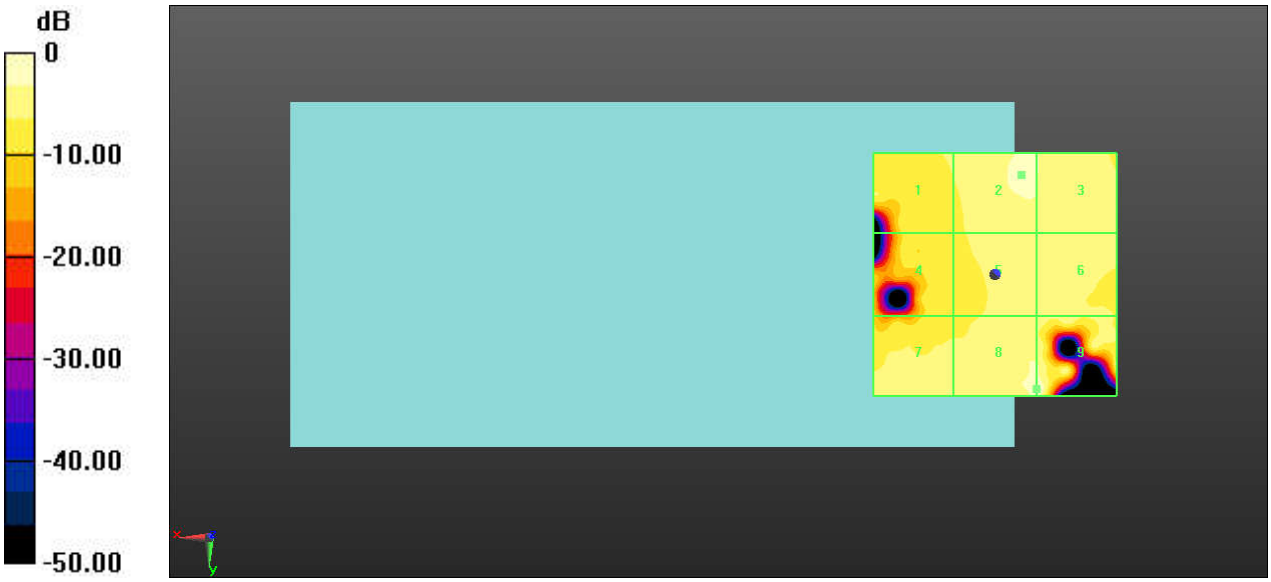
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2021-07-19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device 6/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 = 8.871 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.98 dBV/m**	Grid 2 **M4** **23.05 dBV/m**	Grid 3 **M4** **22.83 dBV/m**
Grid 4 **M4** **19.07 dBV/m**	Grid 5 **M4** **22.18 dBV/m**	Grid 6 **M4** **22.12 dBV/m**
Grid 7 **M4** **20.77 dBV/m**	Grid 8 **M4** **26.09 dBV/m**	Grid 9 **M4** **26.09 dBV/m**

Cursor:
Total = 26.09 dBV/m
E Category: M4
Location: -8.5, 23.5, 8.7 mm



0 dB = 20.15 V/m = 26.09 dBV/m