



Appendix B

Detailed Test Results

1. GSM
GSM850 for E-Field Emission
GSM1900 for E-Field Emission
2. LTE
LTE Band 41 for E-Field Emission

Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-GSM 850 GSM Voice 128CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10021 - DAC, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 50.95 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.66 dBV/m

Emission category: M4

MIF scaled E-field

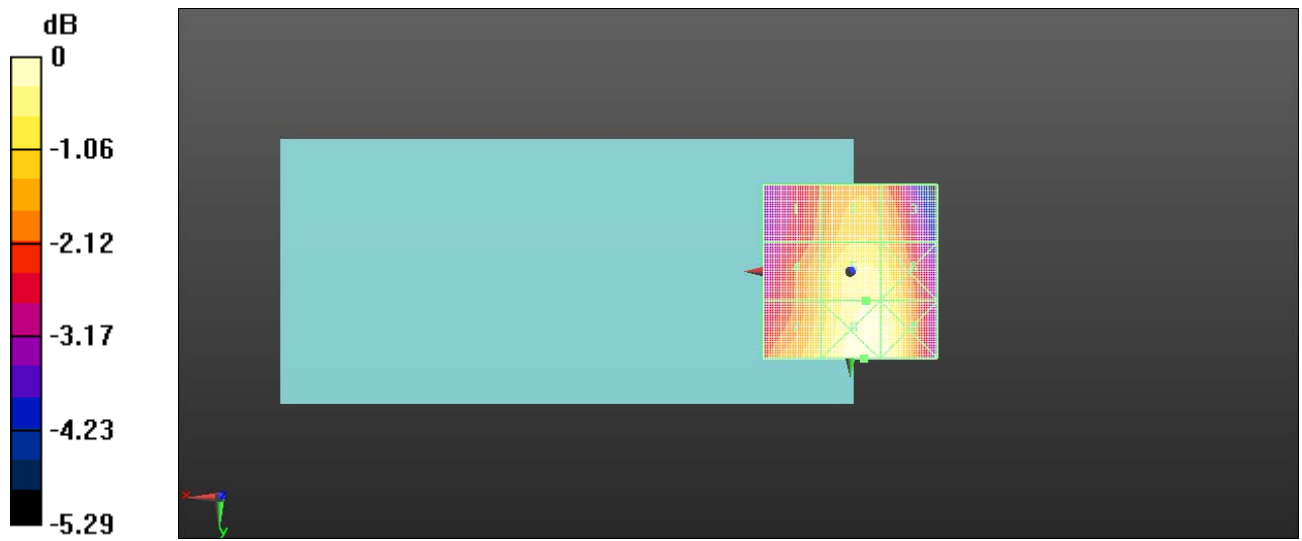
Grid 1 M4 34.2 dBV/m	Grid 2 M4 35.02 dBV/m	Grid 3 M4 34.85 dBV/m
Grid 4 M4 34.74 dBV/m	Grid 5 M4 35.66 dBV/m	Grid 6 M4 35.53 dBV/m
Grid 7 M4 35.13 dBV/m	Grid 8 M4 36.02 dBV/m	Grid 9 M4 35.89 dBV/m

Cursor:

Total = 36.02 dBV/m

E Category: M4

Location: -4, 25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-GSM 850 GSM Voice 190CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

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

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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 46.59 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.69 dBV/m

Emission category: M4

MIF scaled E-field

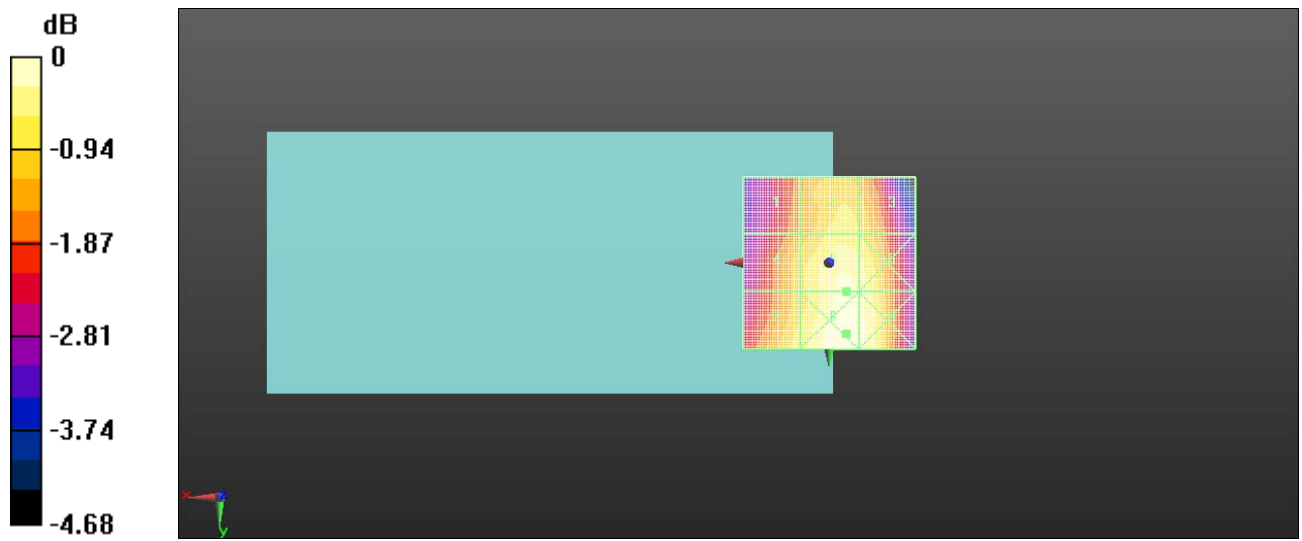
Grid 1 M4 33.45 dBV/m	Grid 2 M4 34.2 dBV/m	Grid 3 M4 34.06 dBV/m
Grid 4 M4 33.92 dBV/m	Grid 5 M4 34.69 dBV/m	Grid 6 M4 34.59 dBV/m
Grid 7 M4 34.21 dBV/m	Grid 8 M4 34.91 dBV/m	Grid 9 M4 34.81 dBV/m

Cursor:

Total = 34.91 dBV/m

E Category: M4

Location: -5, 20.5, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-GSM 850 GSM Voice 251CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10021 - DAC, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 46.47 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.81 dBV/m

Emission category: M4

MIF scaled E-field

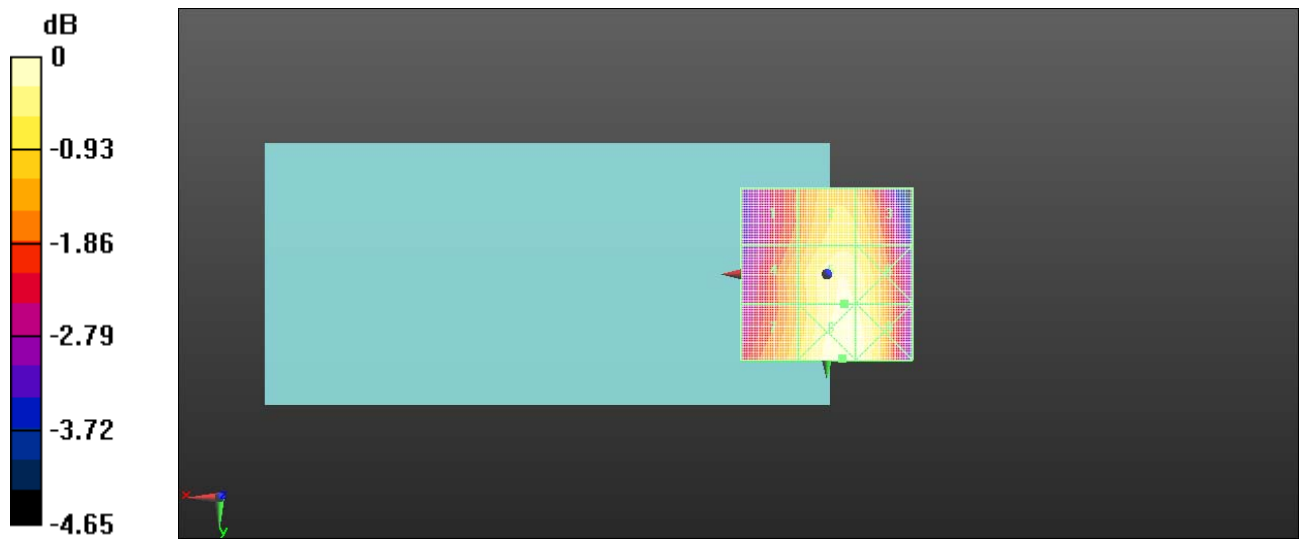
Grid 1 M4 33.49 dBV/m	Grid 2 M4 34.39 dBV/m	Grid 3 M4 34.28 dBV/m
Grid 4 M4 33.92 dBV/m	Grid 5 M4 34.81 dBV/m	Grid 6 M4 34.73 dBV/m
Grid 7 M4 34.13 dBV/m	Grid 8 M4 35.06 dBV/m	Grid 9 M4 34.97 dBV/m

Cursor:

Total = 35.06 dBV/m

E Category: M4

Location: -4.5, 24.5, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-GSM 1900 GSM Voice 512CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10021 - DAC, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 23.66 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.37 dBV/m

Emission category: M4

MIF scaled E-field

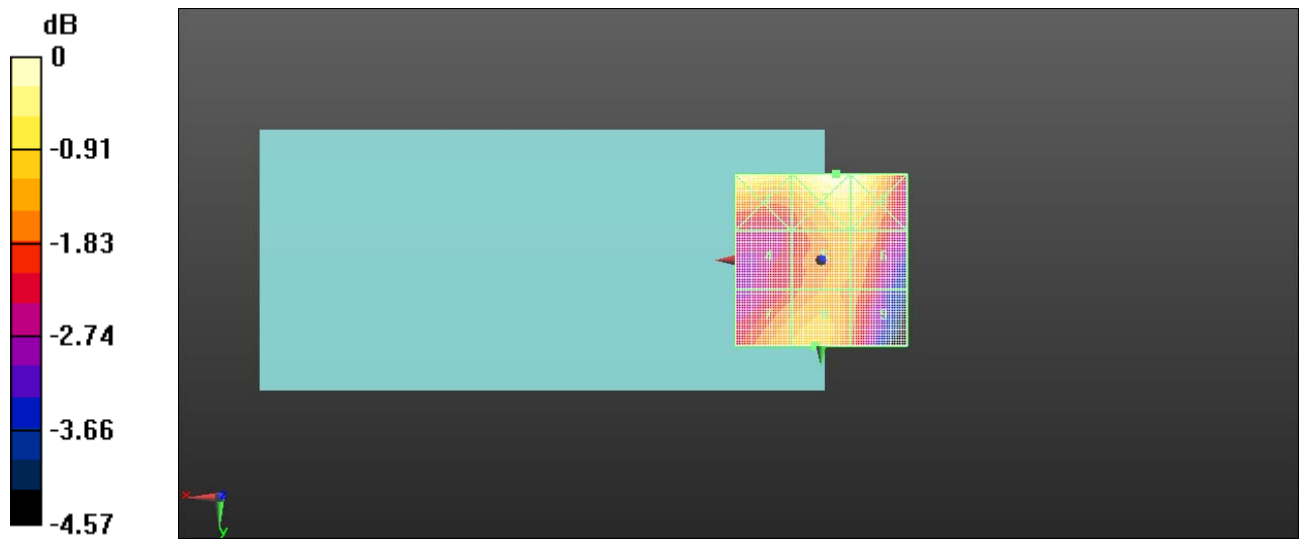
Grid 1 M3 30.16 dBV/m	Grid 2 M3 30.4 dBV/m	Grid 3 M3 30.32 dBV/m
Grid 4 M4 28.4 dBV/m	Grid 5 M4 29.21 dBV/m	Grid 6 M4 29.21 dBV/m
Grid 7 M4 29.21 dBV/m	Grid 8 M4 29.37 dBV/m	Grid 9 M4 28.81 dBV/m

Cursor:

Total = 30.40 dBV/m

E Category: M3

Location: -4.5, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-GSM 1900 GSM Voice 661CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10021 - DAC, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 21.49 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.68 dBV/m

Emission category: M4

MIF scaled E-field

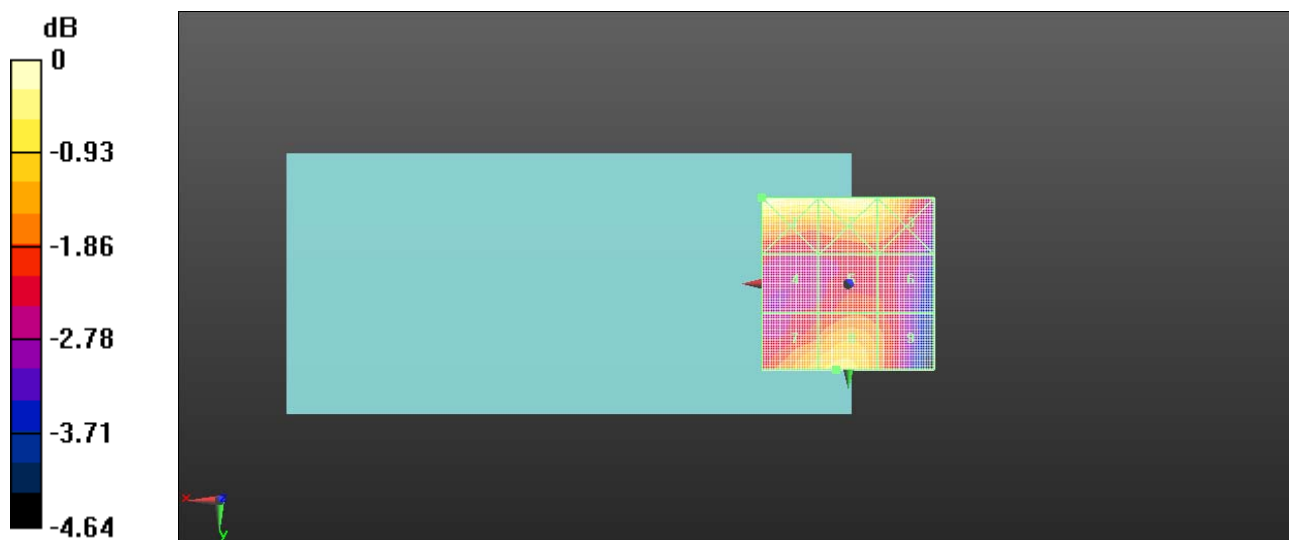
Grid 1 M3 30.43 dBV/m	Grid 2 M3 30.26 dBV/m	Grid 3 M4 29.95 dBV/m
Grid 4 M4 28.18 dBV/m	Grid 5 M4 28.55 dBV/m	Grid 6 M4 28.42 dBV/m
Grid 7 M4 29.42 dBV/m	Grid 8 M4 29.68 dBV/m	Grid 9 M4 28.87 dBV/m

Cursor:

Total = 30.43 dBV/m

E Category: M3

Location: 25, -25, 7.7 mm



0 dB = 33.24 V/m = 30.43 dBV/m

Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-GSM 1900 GSM Voice 810CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 20.06 V/m; Power Drift = 0.04 dB

Applied MIF = 0.00 dB

RF audio interference level = 25.79 dBV/m

Emission category: M4

MIF scaled E-field

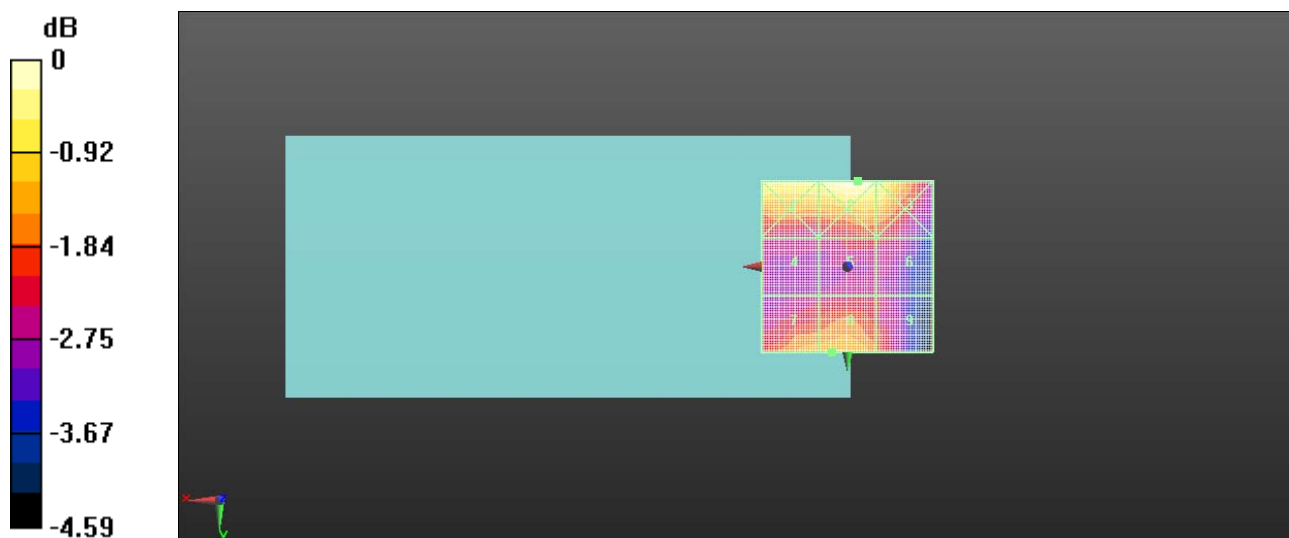
Grid 1 26.56 dBV/m	Grid 2 26.89 dBV/m	Grid 3 26.45 dBV/m
Grid 4 24.58 dBV/m	Grid 5 24.73 dBV/m	Grid 6 24.66 dBV/m
Grid 7 25.66 dBV/m	Grid 8 25.79 dBV/m	Grid 9 25.01 dBV/m

Cursor:

Total = 26.89 dBV/m

E Category: M4

Location: -3, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB50 39750CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 13.60 V/m; Power Drift = -0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.52 dBV/m

Emission category: M4

MIF scaled E-field

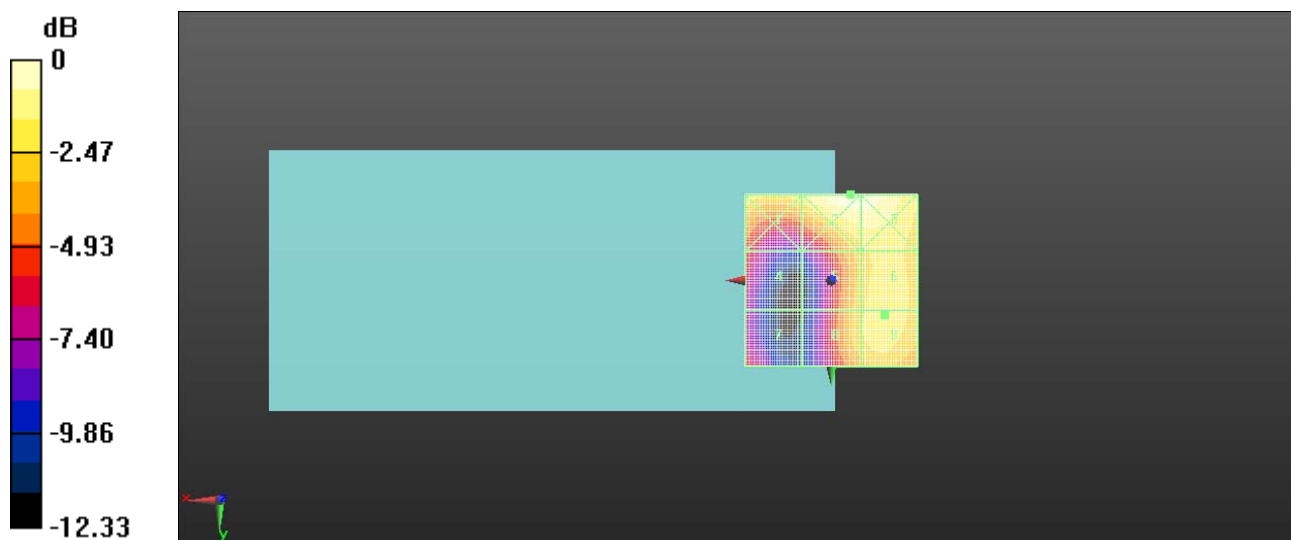
Grid 1 M4 23.93 dBV/m	Grid 2 M4 25.39 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 20.06 dBV/m	Grid 5 M4 22.7 dBV/m	Grid 6 M4 23.5 dBV/m
Grid 7 M4 19.53 dBV/m	Grid 8 M4 22.85 dBV/m	Grid 9 M4 23.52 dBV/m

Cursor:

Total = 25.39 dBV/m

E Category: M4

Location: -5.5, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 40185CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 9.399 V/m; Power Drift = -0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.55 dBV/m

Emission category: M4

MIF scaled E-field

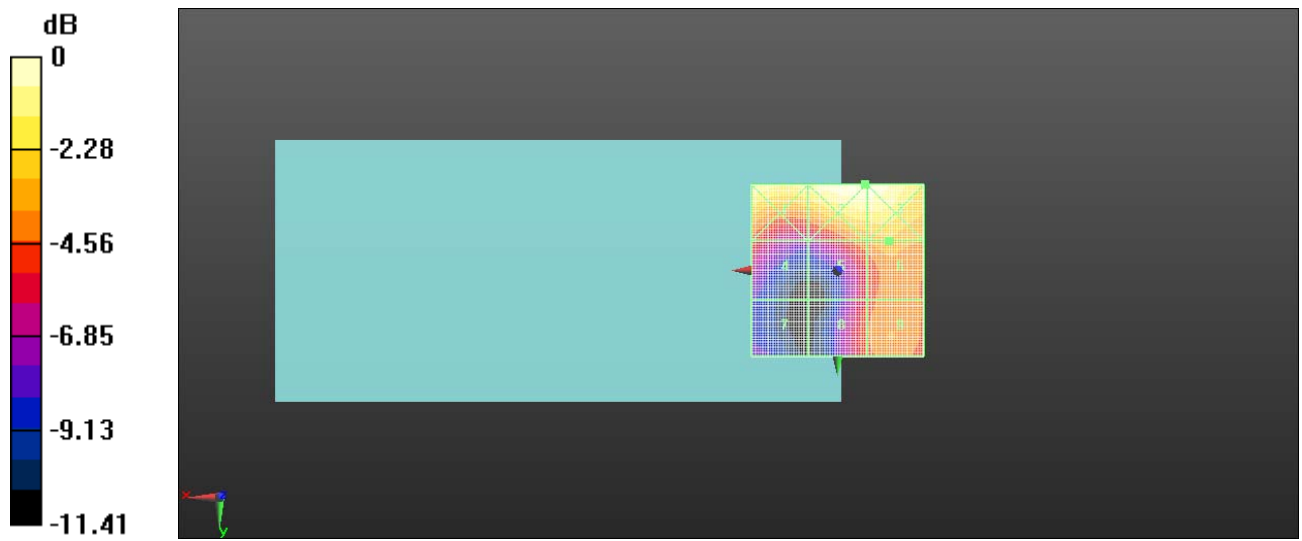
Grid 1 M4 24.34 dBV/m	Grid 2 M4 24.77 dBV/m	Grid 3 M4 24.77 dBV/m
Grid 4 M4 19.96 dBV/m	Grid 5 M4 21 dBV/m	Grid 6 M4 21.55 dBV/m
Grid 7 M4 17.37 dBV/m	Grid 8 M4 20.12 dBV/m	Grid 9 M4 21 dBV/m

Cursor:

Total = 24.77 dBV/m

E Category: M4

Location: -8, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 40620CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 14.54 V/m; Power Drift = 0.17 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.56 dBV/m

Emission category: M4

MIF scaled E-field

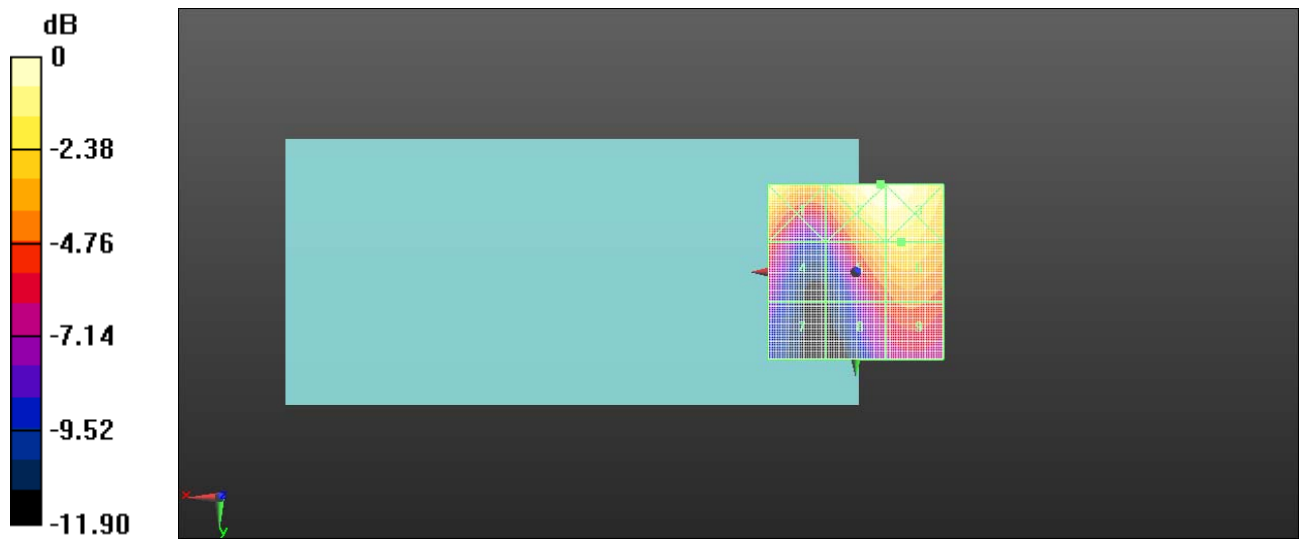
Grid 1 M4 26.05 dBV/m	Grid 2 M4 26.6 dBV/m	Grid 3 M4 26.59 dBV/m
Grid 4 M4 21.68 dBV/m	Grid 5 M4 24.25 dBV/m	Grid 6 M4 24.56 dBV/m
Grid 7 M4 18.77 dBV/m	Grid 8 M4 21.27 dBV/m	Grid 9 M4 22.1 dBV/m

Cursor:

Total = 26.60 dBV/m

E Category: M4

Location: -7, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 41055CH

DUT: U696CL; Type: Mobile Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 17.68 V/m; Power Drift = 0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.76 dBV/m

Emission category: M4

MIF scaled E-field

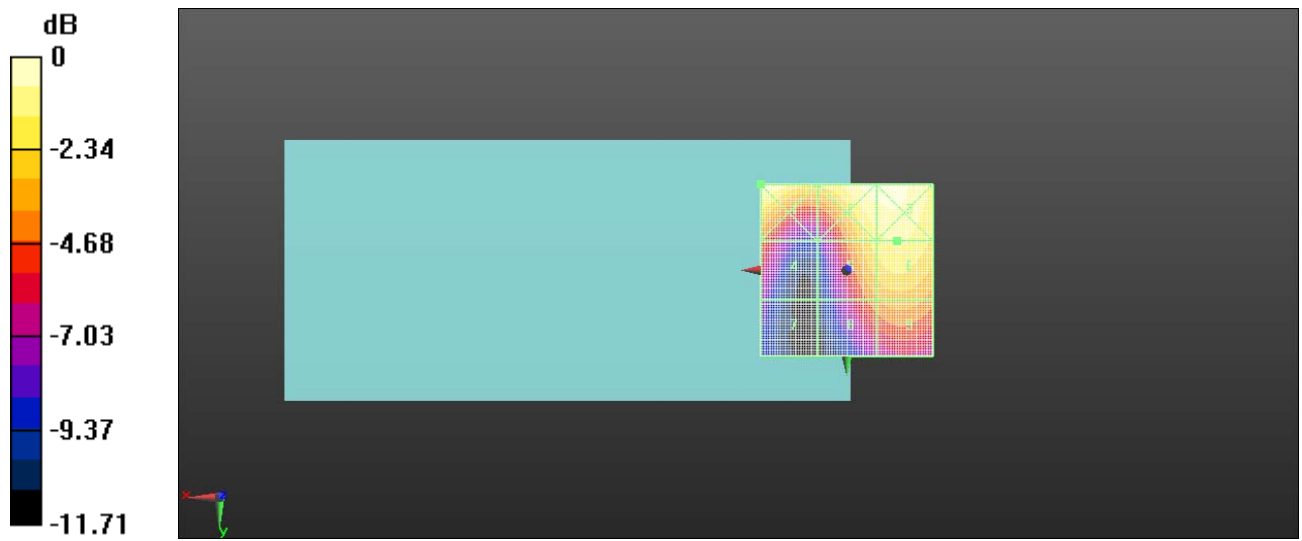
Grid 1 M4 27.19 dBV/m	Grid 2 M4 26.86 dBV/m	Grid 3 M4 26.89 dBV/m
Grid 4 M4 22.8 dBV/m	Grid 5 M4 25.25 dBV/m	Grid 6 M4 25.76 dBV/m
Grid 7 M4 19.97 dBV/m	Grid 8 M4 23.15 dBV/m	Grid 9 M4 23.79 dBV/m

Cursor:

Total = 27.19 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB50 41490CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 22.45 V/m; Power Drift = 0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.22 dBV/m

Emission category: M4

MIF scaled E-field

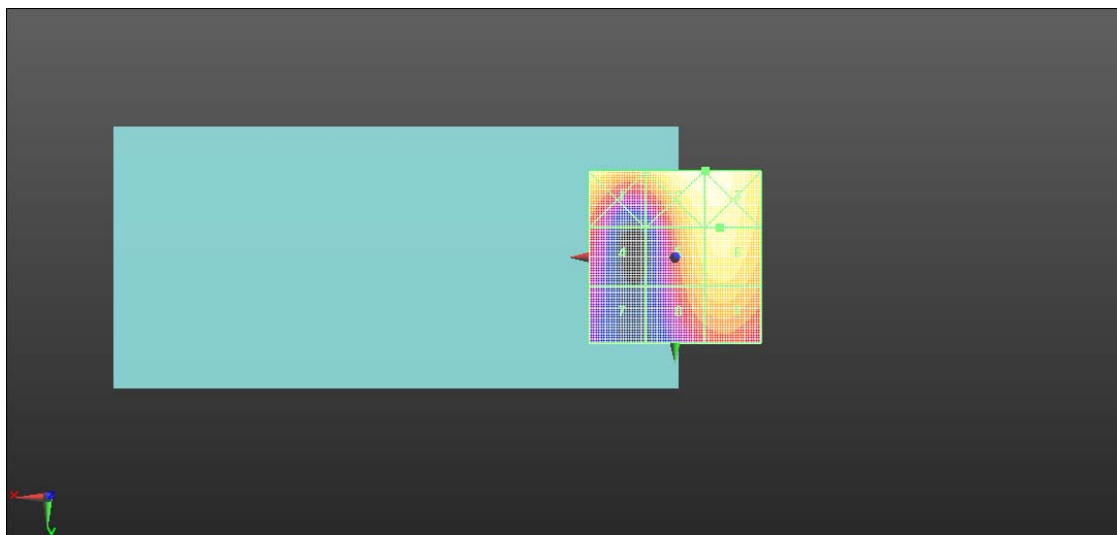
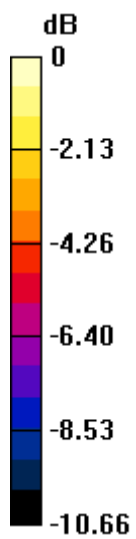
Grid 1 M4 27.44 dBV/m	Grid 2 M4 28.26 dBV/m	Grid 3 M4 28.26 dBV/m
Grid 4 M4 23.71 dBV/m	Grid 5 M4 26.86 dBV/m	Grid 6 M4 27.22 dBV/m
Grid 7 M4 22.2 dBV/m	Grid 8 M4 25.53 dBV/m	Grid 9 M4 25.98 dBV/m

Cursor:

Total = 28.26 dBV/m

E Category: M4

Location: -9, -25, 7.7 mm



0 dB = 25.87 V/m = 28.26 dBV/m

Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB99 39750CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 23.75 V/m; Power Drift = -0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.66 dBV/m

Emission category: M4

MIF scaled E-field

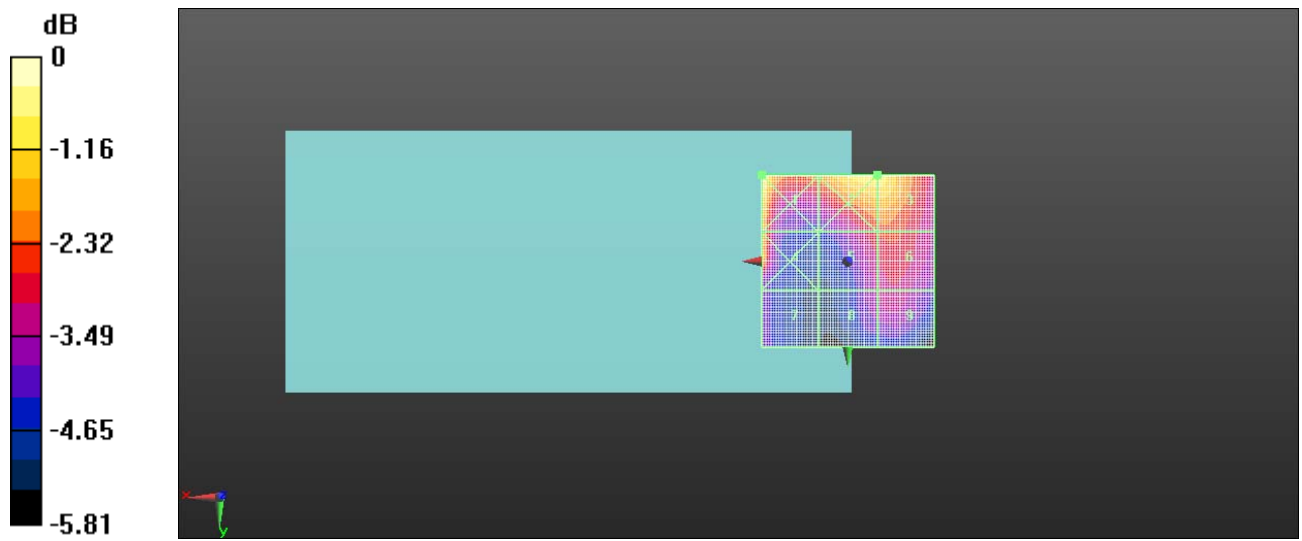
Grid 1 M4 27.48 dBV/m	Grid 2 M4 26.66 dBV/m	Grid 3 M4 26.66 dBV/m
Grid 4 M4 26.69 dBV/m	Grid 5 M4 24.85 dBV/m	Grid 6 M4 24.99 dBV/m
Grid 7 M4 23.74 dBV/m	Grid 8 M4 24.09 dBV/m	Grid 9 M4 24.36 dBV/m

Cursor:

Total = 27.48 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 40185CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 20.63 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.50 dBV/m

Emission category: M4

MIF scaled E-field

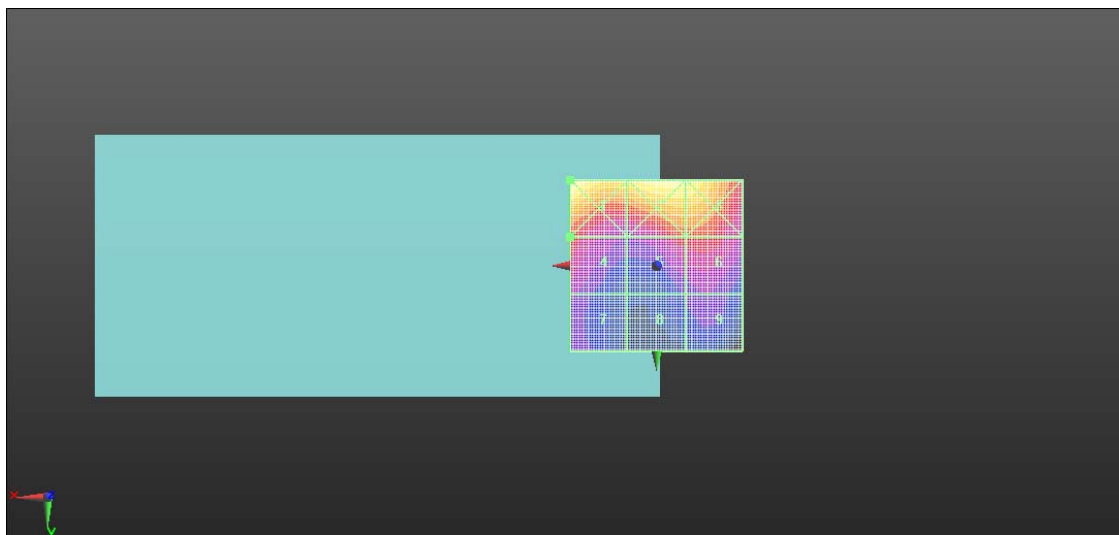
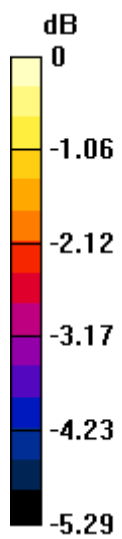
Grid 1 M4 26.85 dBV/m	Grid 2 M4 26.45 dBV/m	Grid 3 M4 26.27 dBV/m
Grid 4 M4 24.5 dBV/m	Grid 5 M4 24.45 dBV/m	Grid 6 M4 24.49 dBV/m
Grid 7 M4 23.43 dBV/m	Grid 8 M4 23.09 dBV/m	Grid 9 M4 23.3 dBV/m

Cursor:

Total = 26.85 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



0 dB = 22.00 V/m = 26.85 dBV/m

Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB99 40620CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 23.42 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.25 dBV/m

Emission category: M4

MIF scaled E-field

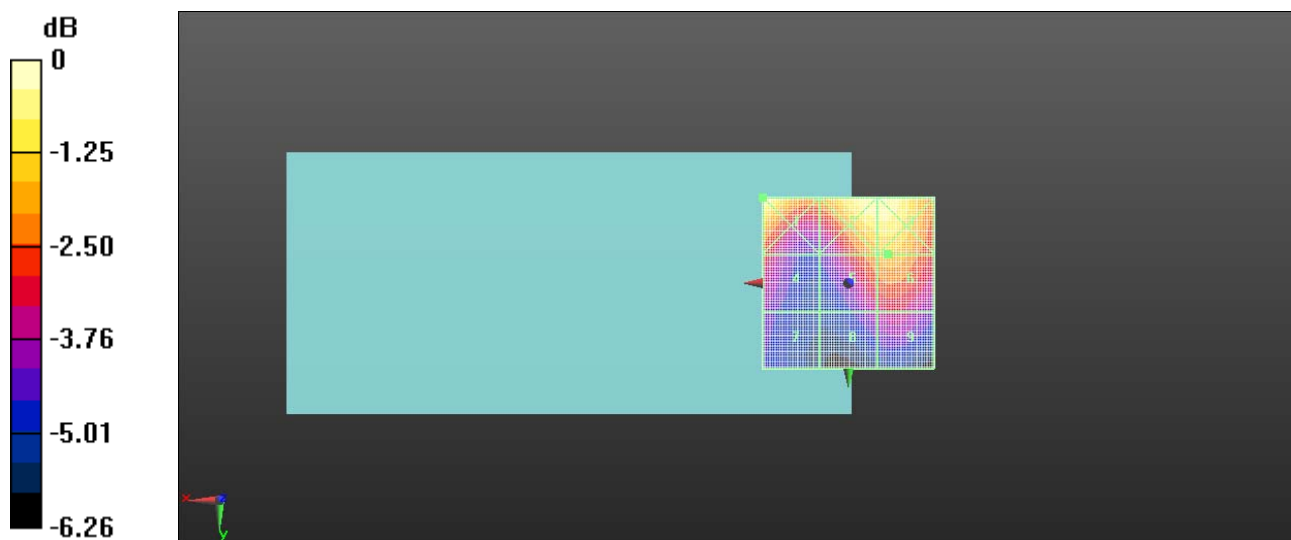
Grid 1 M4 27.94 dBV/m	Grid 2 M4 27.62 dBV/m	Grid 3 M4 27.62 dBV/m
Grid 4 M4 25.22 dBV/m	Grid 5 M4 26.09 dBV/m	Grid 6 M4 26.25 dBV/m
Grid 7 M4 23.96 dBV/m	Grid 8 M4 24.32 dBV/m	Grid 9 M4 24.6 dBV/m

Cursor:

Total = 27.94 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 41055CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 24.98 V/m; Power Drift = -0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.87 dBV/m

Emission category: M4

MIF scaled E-field

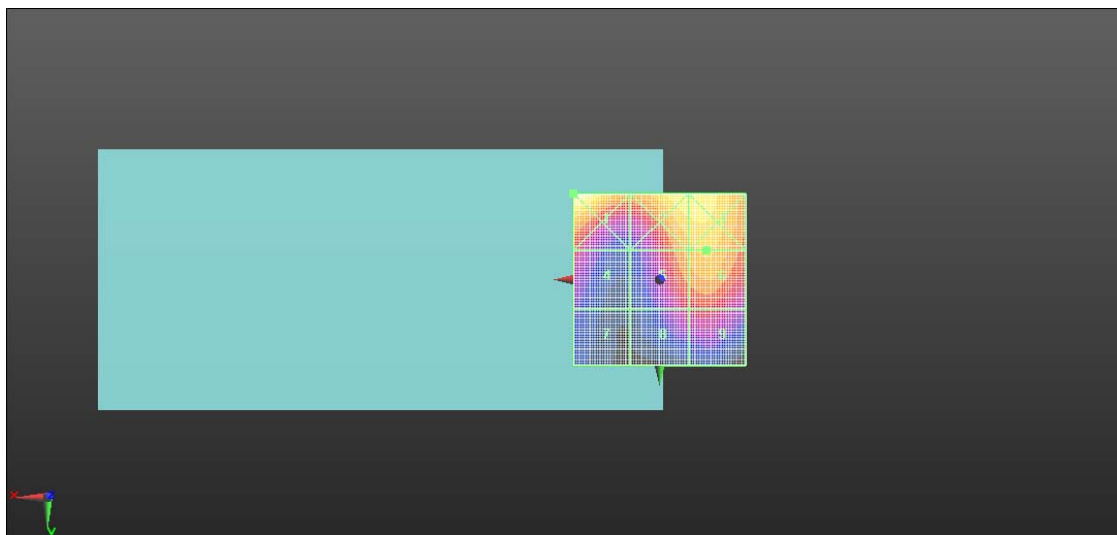
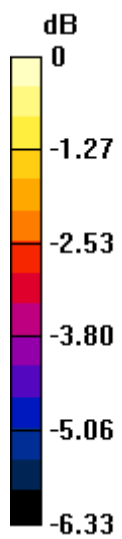
Grid 1 M4 28.45 dBV/m	Grid 2 M4 27.64 dBV/m	Grid 3 M4 27.65 dBV/m
Grid 4 M4 25.44 dBV/m	Grid 5 M4 26.59 dBV/m	Grid 6 M4 26.87 dBV/m
Grid 7 M4 24.09 dBV/m	Grid 8 M4 25.21 dBV/m	Grid 9 M4 25.44 dBV/m

Cursor:

Total = 28.45 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



0 dB = 26.46 V/m = 28.45 dBV/m

Test Laboratory: SGS-SAR Lab

U696CL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB50 41490CH

DUT: U696CL; Type: Smart Phone; Serial: a2f1d2e3

Communication System: UID 10172 - CAG, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1455; Calibrated: 2020-10-08
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- 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 = 25.22 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.46 dBV/m	Grid 2 M4 27.59 dBV/m	Grid 3 M4 27.6 dBV/m
Grid 4 M4 25.4 dBV/m	Grid 5 M4 26.56 dBV/m	Grid 6 M4 26.85 dBV/m
Grid 7 M4 24.04 dBV/m	Grid 8 M4 25.12 dBV/m	Grid 9 M4 25.4 dBV/m

Cursor:

Total = 28.46 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm

