



Appendix B

Detailed Test Results

1. GSM
GSM850 for E-Field Emission
GSM1900 for E-Field Emission
2. LTE
LTE Band 38 for E-Field Emission
LTE Band 41 for E-Field Emission

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 128CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 37.06 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.71 dBV/m

Emission category: M4

MIF scaled E-field

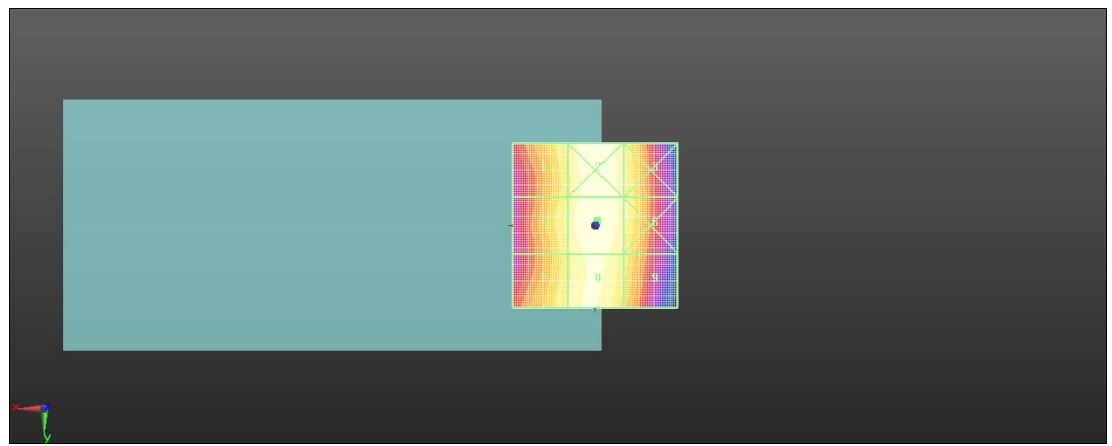
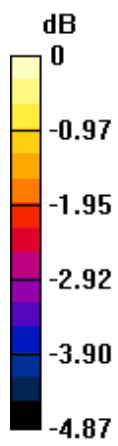
Grid 1 M4 32.13 dBV/m	Grid 2 M4 32.65 dBV/m	Grid 3 M4 32.19 dBV/m
Grid 4 M4 32.18 dBV/m	Grid 5 M4 32.71 dBV/m	Grid 6 M4 32.24 dBV/m
Grid 7 M4 32.11 dBV/m	Grid 8 M4 32.5 dBV/m	Grid 9 M4 31.95 dBV/m

Cursor:

Total = 32.71 dBV/m

E Category: M4

Location: -0.5, -1.5, 7.7 mm



0 dB = 43.18 V/m = 32.71 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 190CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 40.45 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.47 dBV/m

Emission category: M4

MIF scaled E-field

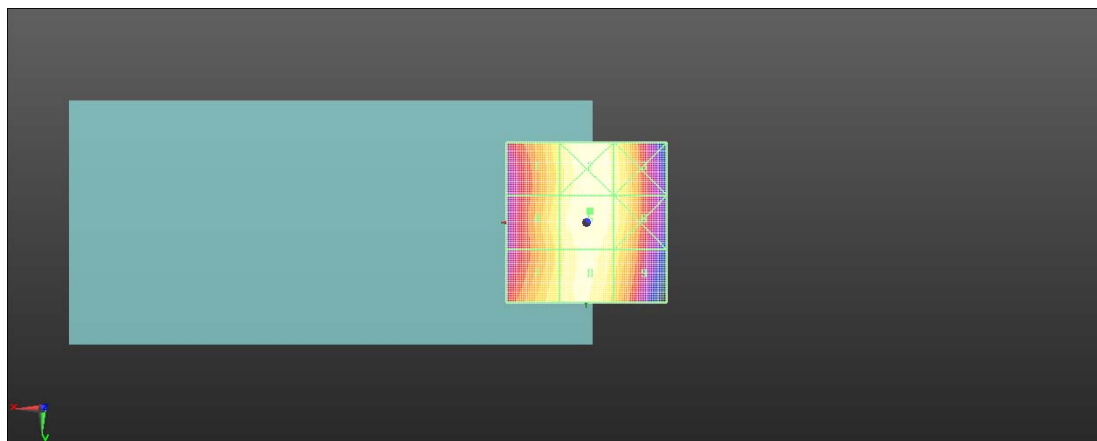
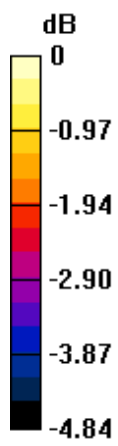
Grid 1 M4 32.8 dBV/m	Grid 2 M4 33.44 dBV/m	Grid 3 M4 33.06 dBV/m
Grid 4 M4 32.93 dBV/m	Grid 5 M4 33.47 dBV/m	Grid 6 M4 33.06 dBV/m
Grid 7 M4 32.85 dBV/m	Grid 8 M4 33.25 dBV/m	Grid 9 M4 32.77 dBV/m

Cursor:

Total = 33.47 dBV/m

E Category: M4

Location: -1, -3.5, 7.7 mm



0 dB = 47.13 V/m = 33.47 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 251CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 39.55 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.29 dBV/m

Emission category: M4

MIF scaled E-field

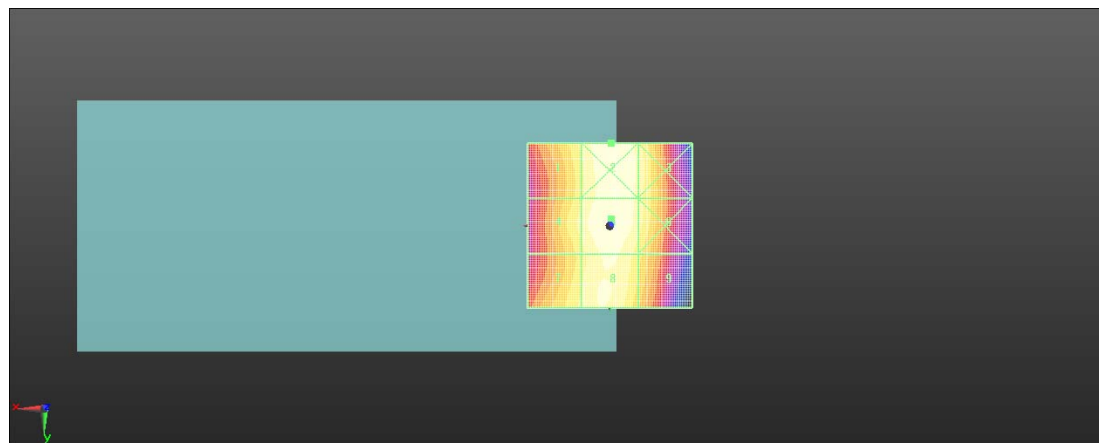
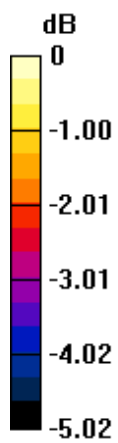
Grid 1 M4 32.74 dBV/m	Grid 2 M4 33.31 dBV/m	Grid 3 M4 32.91 dBV/m
Grid 4 M4 32.79 dBV/m	Grid 5 M4 33.29 dBV/m	Grid 6 M4 32.87 dBV/m
Grid 7 M4 32.73 dBV/m	Grid 8 M4 33.05 dBV/m	Grid 9 M4 32.48 dBV/m

Cursor:

Total = 33.31 dBV/m

E Category: M4

Location: -0.5, -25, 7.7 mm



0 dB = 46.28 V/m = 33.31 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 128CH with Battery2 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 37.68 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.70 dBV/m

Emission category: M4

MIF scaled E-field

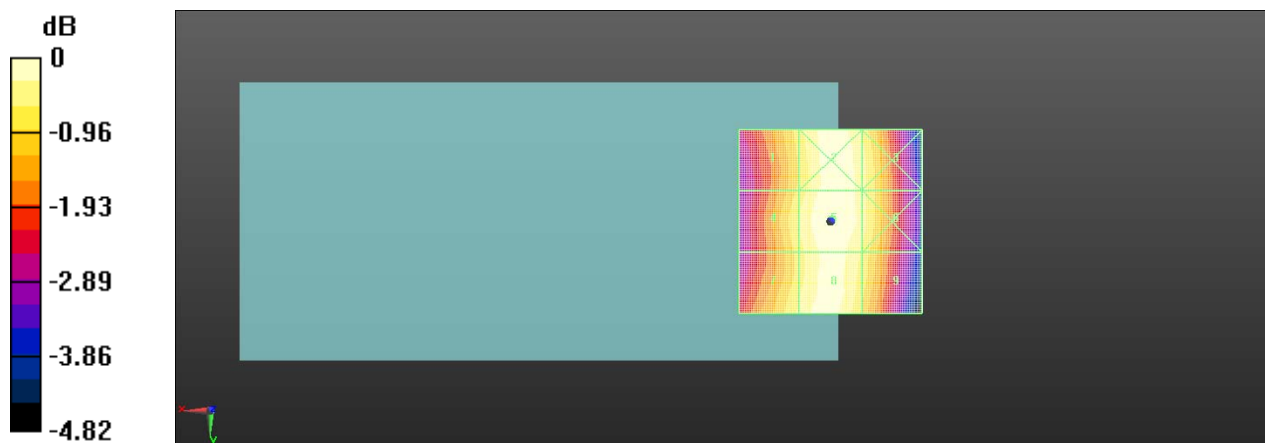
Grid 1 M4 31.93 dBV/m	Grid 2 M4 32.6 dBV/m	Grid 3 M4 32.21 dBV/m
Grid 4 M4 32.11 dBV/m	Grid 5 M4 32.7 dBV/m	Grid 6 M4 32.23 dBV/m
Grid 7 M4 32.14 dBV/m	Grid 8 M4 32.52 dBV/m	Grid 9 M4 32.01 dBV/m

Cursor:

Total = 32.70 dBV/m

E Category: M4

Location: -0.5, -0.5, 7.7 mm



Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 128CH with Battery3 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 41.50 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.55 dBV/m

Emission category: M4

MIF scaled E-field

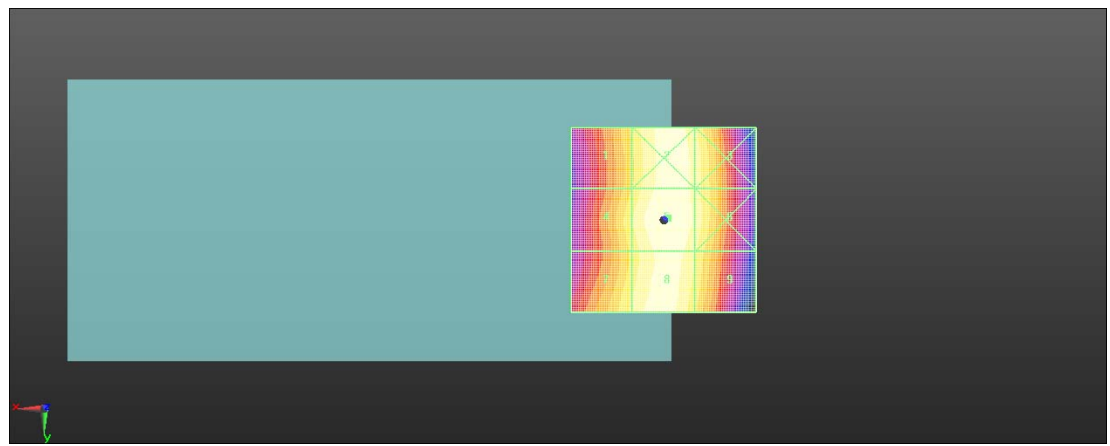
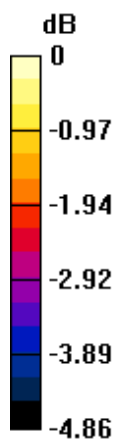
Grid 1 M4 32.67 dBV/m	Grid 2 M4 33.43 dBV/m	Grid 3 M4 33.11 dBV/m
Grid 4 M4 32.9 dBV/m	Grid 5 M4 33.55 dBV/m	Grid 6 M4 33.15 dBV/m
Grid 7 M4 33 dBV/m	Grid 8 M4 33.39 dBV/m	Grid 9 M4 32.93 dBV/m

Cursor:

Total = 33.55 dBV/m

E Category: M4

Location: -1, -0.5, 7.7 mm



0 dB = 47.61 V/m = 33.55 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 128CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 74.33 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.84 dBV/m

Emission category: M4

MIF scaled E-field

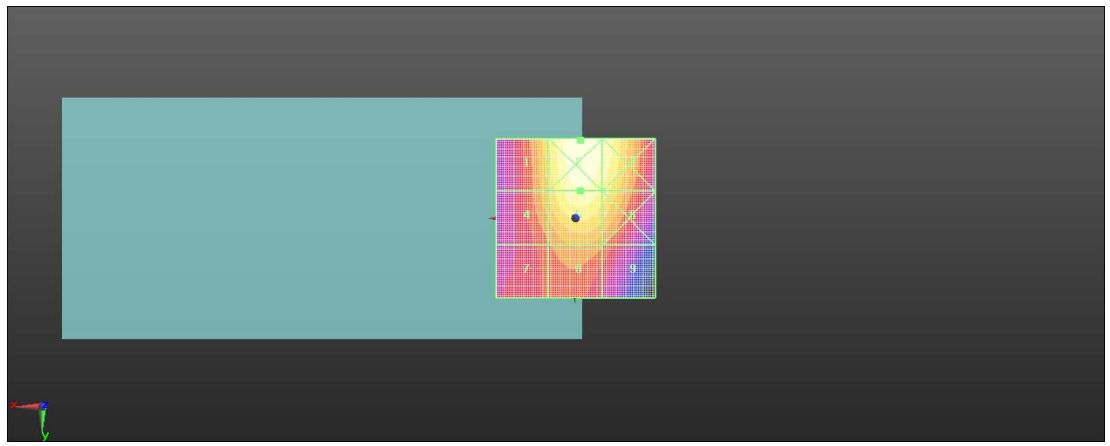
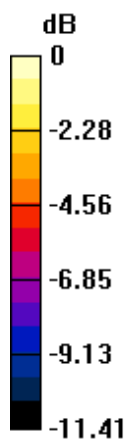
Grid 1 M4 36.37 dBV/m	Grid 2 M4 38.65 dBV/m	Grid 3 M4 37.85 dBV/m
Grid 4 M4 35.68 dBV/m	Grid 5 M4 37.84 dBV/m	Grid 6 M4 36.92 dBV/m
Grid 7 M4 33.97 dBV/m	Grid 8 M4 34.93 dBV/m	Grid 9 M4 34.2 dBV/m

Cursor:

Total = 38.65 dBV/m

E Category: M4

Location: -1.5, -24.5, 7.7 mm



0 dB = 85.63 V/m = 38.65 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 190CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 89.57 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.44 dBV/m

Emission category: M4

MIF scaled E-field

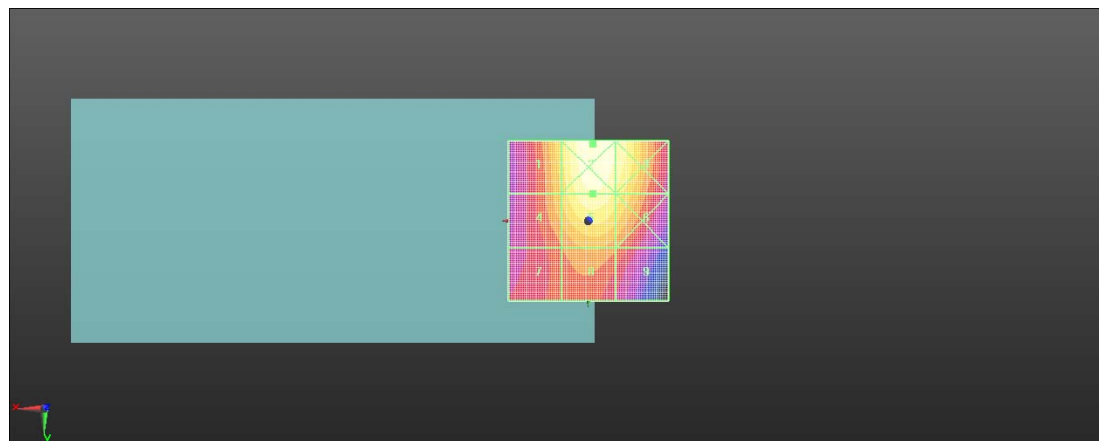
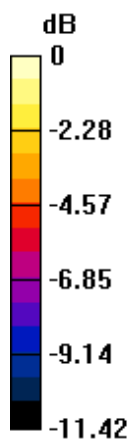
Grid 1 M4 37.98 dBV/m	Grid 2 M3 40.27 dBV/m	Grid 3 M4 39.48 dBV/m
Grid 4 M4 37.31 dBV/m	Grid 5 M4 39.44 dBV/m	Grid 6 M4 38.56 dBV/m
Grid 7 M4 35.66 dBV/m	Grid 8 M4 36.61 dBV/m	Grid 9 M4 35.88 dBV/m

Cursor:

Total = 40.27 dBV/m

E Category: M3

Location: -1.5, -24, 7.7 mm



0 dB = 103.2 V/m = 40.27 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 251CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 97.64 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.24 dBV/m

Emission category: M3

MIF scaled E-field

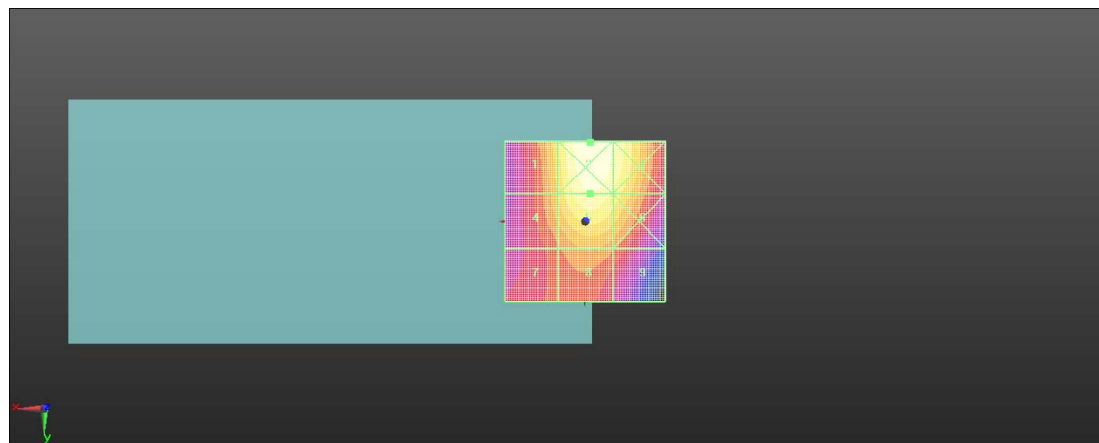
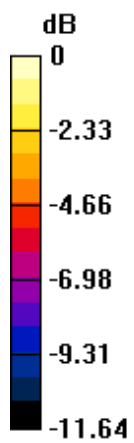
Grid 1 M4 38.74 dBV/m	Grid 2 M3 41.09 dBV/m	Grid 3 M3 40.37 dBV/m
Grid 4 M4 38.01 dBV/m	Grid 5 M3 40.24 dBV/m	Grid 6 M4 39.39 dBV/m
Grid 7 M4 36.32 dBV/m	Grid 8 M4 37.31 dBV/m	Grid 9 M4 36.62 dBV/m

Cursor:

Total = 41.09 dBV/m

E Category: M3

Location: -1.5, -24.5, 7.7 mm



0 dB = 113.4 V/m = 41.09 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 251CH with Battery2 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 106.3 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.81 dBV/m

Emission category: M3

MIF scaled E-field

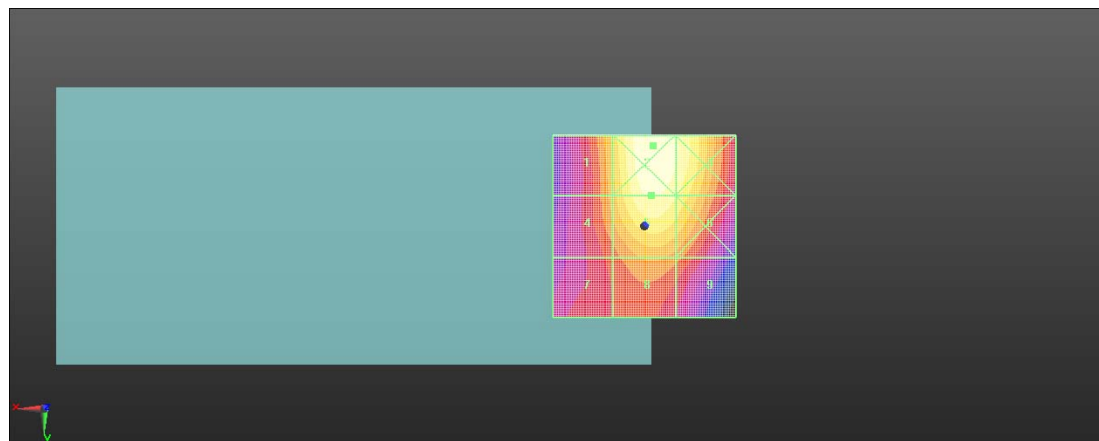
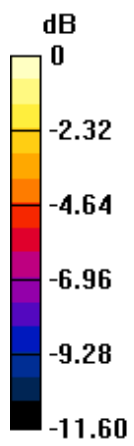
Grid 1 M4 38.69 dBV/m	Grid 2 M3 41.48 dBV/m	Grid 3 M3 40.85 dBV/m
Grid 4 M4 38.11 dBV/m	Grid 5 M3 40.81 dBV/m	Grid 6 M3 40.04 dBV/m
Grid 7 M4 36.52 dBV/m	Grid 8 M4 37.82 dBV/m	Grid 9 M4 37.24 dBV/m

Cursor:

Total = 41.48 dBV/m

E Category: M3

Location: -2.5, -22, 7.7 mm



0 dB = 118.5 V/m = 41.47 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM850 GSM Voice 251CH with Battery3 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 106.8 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.80 dBV/m

Emission category: M3

MIF scaled E-field

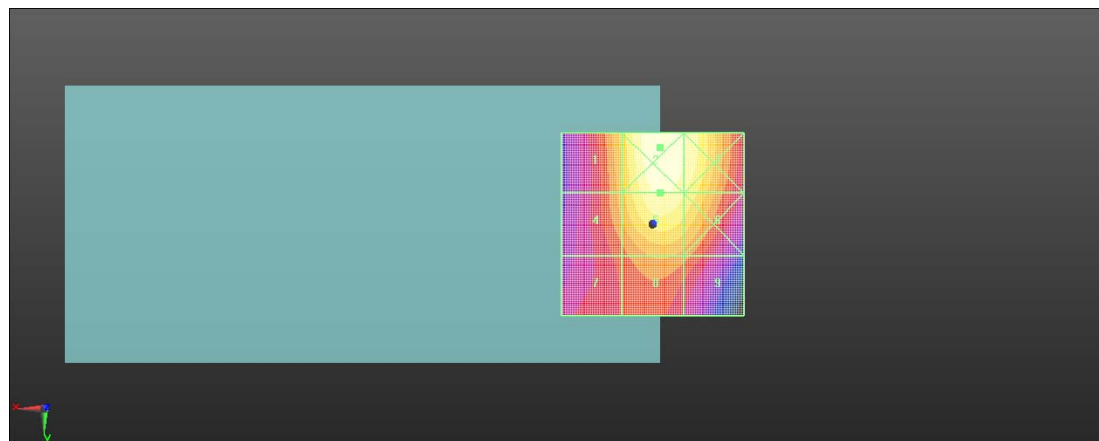
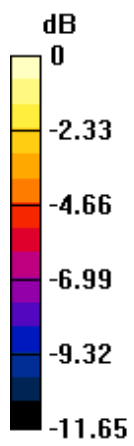
Grid 1 M4 38.72 dBV/m	Grid 2 M3 41.48 dBV/m	Grid 3 M3 40.84 dBV/m
Grid 4 M4 38.07 dBV/m	Grid 5 M3 40.8 dBV/m	Grid 6 M3 40.03 dBV/m
Grid 7 M4 36.51 dBV/m	Grid 8 M4 37.81 dBV/m	Grid 9 M4 37.24 dBV/m

Cursor:

Total = 41.48 dBV/m

E Category: M3

Location: -2, -21, 7.7 mm



0 dB = 118.6 V/m = 41.48 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 512CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 8.957 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.39 dBV/m

Emission category: M4

MIF scaled E-field

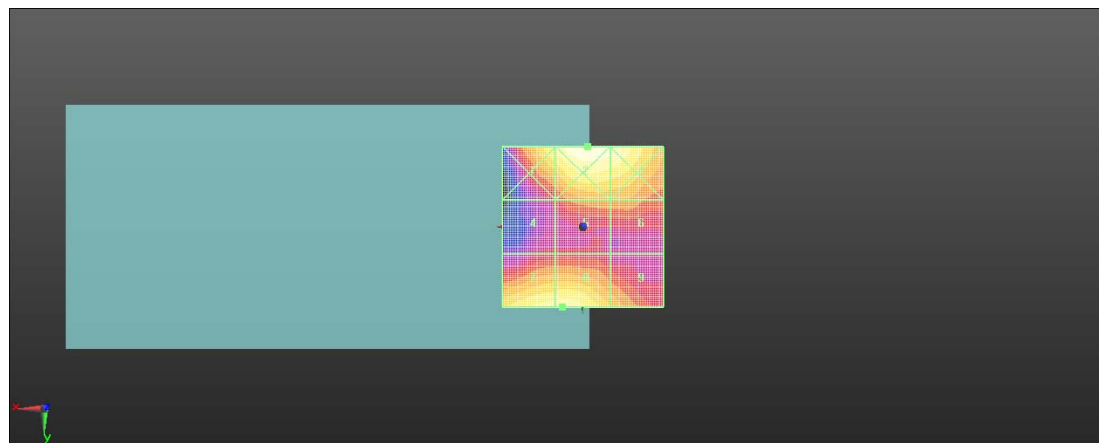
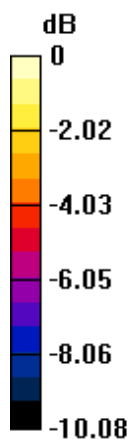
Grid 1 M4 25.21 dBV/m	Grid 2 M4 26.22 dBV/m	Grid 3 M4 25.88 dBV/m
Grid 4 M4 21.35 dBV/m	Grid 5 M4 22.98 dBV/m	Grid 6 M4 22.89 dBV/m
Grid 7 M4 25.34 dBV/m	Grid 8 M4 25.39 dBV/m	Grid 9 M4 23.61 dBV/m

Cursor:

Total = 26.22 dBV/m

E Category: M4

Location: -1.5, -25, 7.7 mm



0 dB = 20.46 V/m = 26.22 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 661CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 9.705 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.34 dBV/m

Emission category: M4

MIF scaled E-field

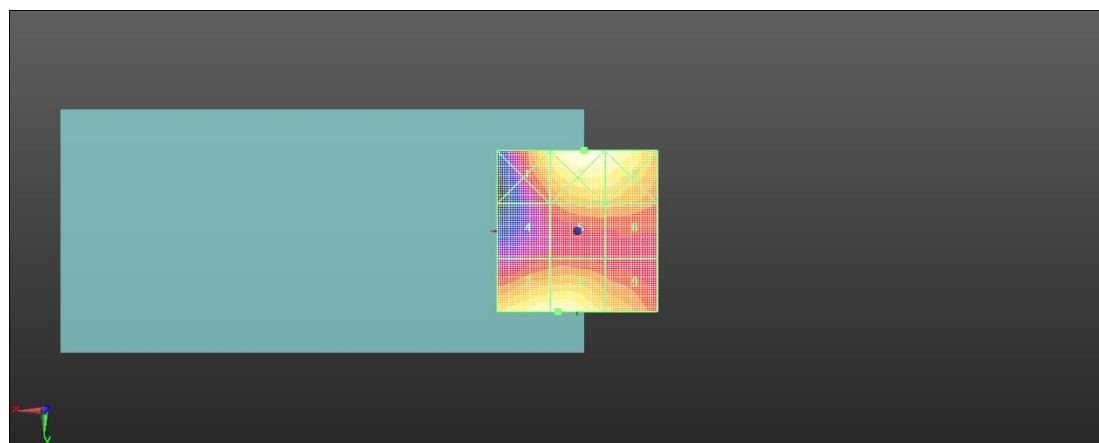
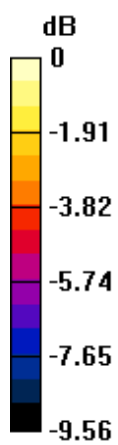
Grid 1 M4 24.5 dBV/m	Grid 2 M4 25.72 dBV/m	Grid 3 M4 25.52 dBV/m
Grid 4 M4 21.55 dBV/m	Grid 5 M4 22.92 dBV/m	Grid 6 M4 22.92 dBV/m
Grid 7 M4 25.24 dBV/m	Grid 8 M4 25.34 dBV/m	Grid 9 M4 23.58 dBV/m

Cursor:

Total = 25.72 dBV/m

E Category: M4

Location: -2, -25, 7.7 mm



0 dB = 19.32 V/m = 25.72 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 810CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10021 - DAC, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 10.68 V/m; Power Drift = -0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.12 dBV/m

Emission category: M4

MIF scaled E-field

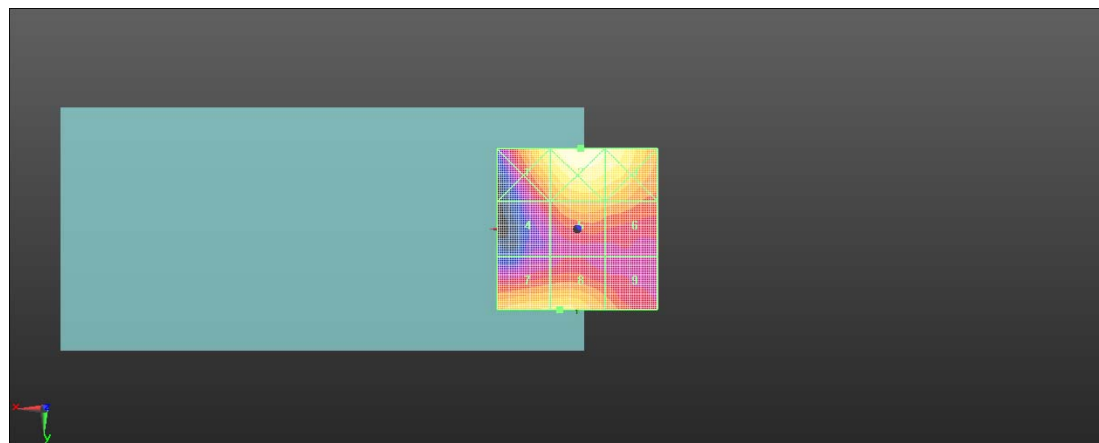
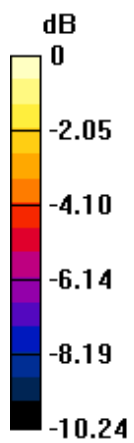
Grid 1 M4 25.84 dBV/m	Grid 2 M4 26.86 dBV/m	Grid 3 M4 26.4 dBV/m
Grid 4 M4 22.65 dBV/m	Grid 5 M4 24.21 dBV/m	Grid 6 M4 23.92 dBV/m
Grid 7 M4 24.99 dBV/m	Grid 8 M4 25.12 dBV/m	Grid 9 M4 23.55 dBV/m

Cursor:

Total = 26.86 dBV/m

E Category: M4

Location: -1, -25, 7.7 mm



0 dB = 22.04 V/m = 26.86 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 512CH with Battery2 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 8.181 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.98 dBV/m

Emission category: M4

MIF scaled E-field

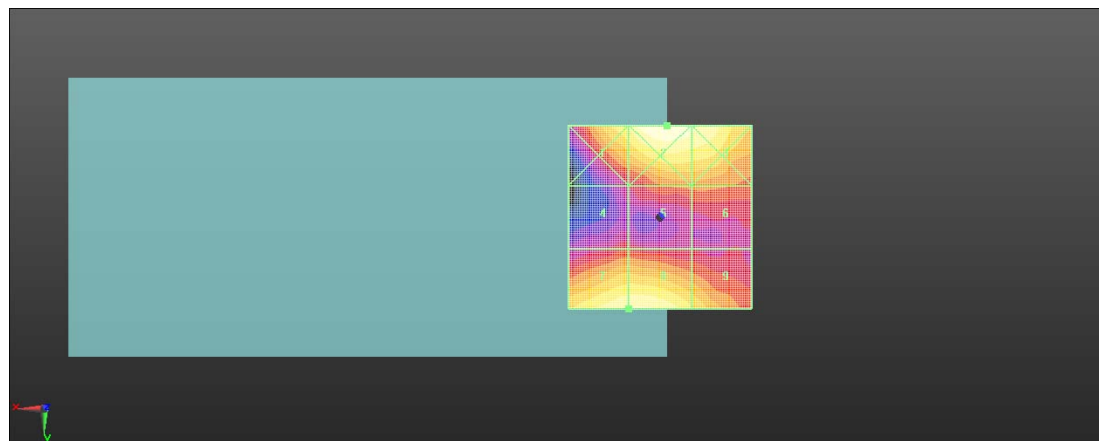
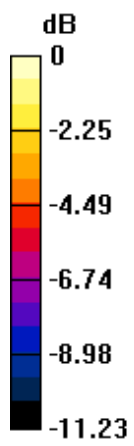
Grid 1 M4 25.27 dBV/m	Grid 2 M4 26.54 dBV/m	Grid 3 M4 26.05 dBV/m
Grid 4 M4 21.18 dBV/m	Grid 5 M4 22.38 dBV/m	Grid 6 M4 22.41 dBV/m
Grid 7 M4 25.98 dBV/m	Grid 8 M4 25.98 dBV/m	Grid 9 M4 24.51 dBV/m

Cursor:

Total = 26.54 dBV/m

E Category: M4

Location: -2, -25, 7.7 mm



0 dB = 21.23 V/m = 26.54 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 512CH with Battery3 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 9.510 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.48 dBV/m

Emission category: M4

MIF scaled E-field

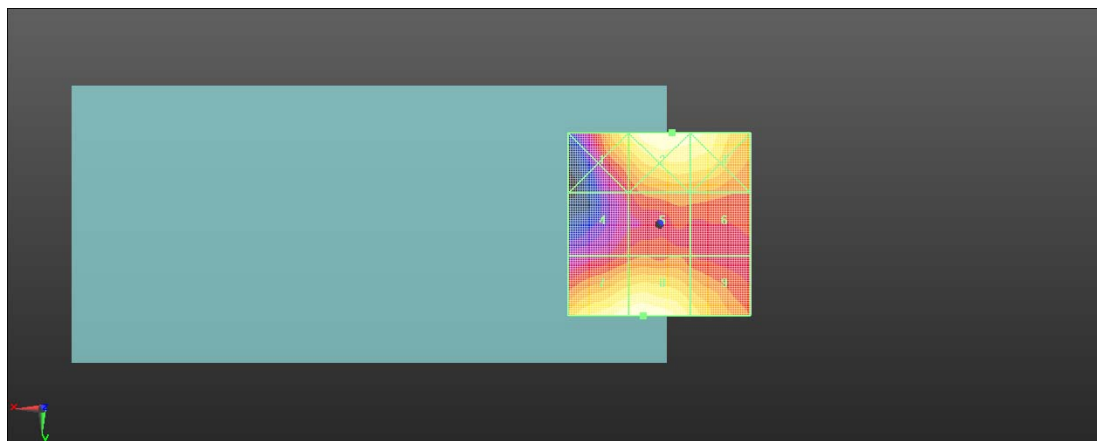
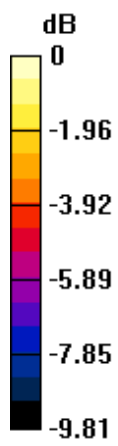
Grid 1 M4 24.36 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 25.24 dBV/m
Grid 4 M4 21.23 dBV/m	Grid 5 M4 22.31 dBV/m	Grid 6 M4 22.22 dBV/m
Grid 7 M4 25.32 dBV/m	Grid 8 M4 25.48 dBV/m	Grid 9 M4 24.07 dBV/m

Cursor:

Total = 25.50 dBV/m

E Category: M4

Location: -3.5, -25, 7.7 mm



0 dB = 18.85 V/m = 25.51 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 512CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 37.27 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.78 dBV/m

Emission category: M3

MIF scaled E-field

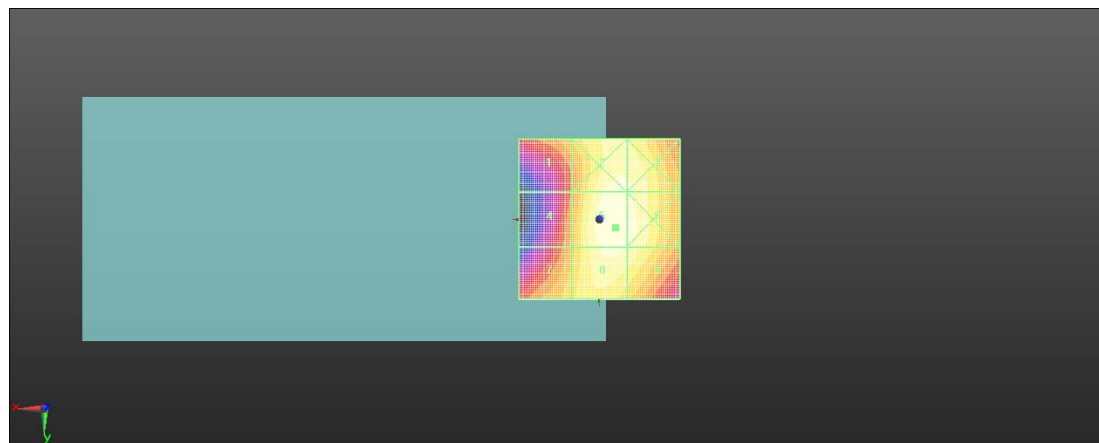
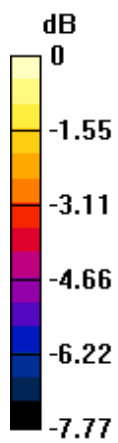
Grid 1 M4 29.81 dBV/m	Grid 2 M3 31.46 dBV/m	Grid 3 M3 31.39 dBV/m
Grid 4 M4 29.5 dBV/m	Grid 5 M3 31.78 dBV/m	Grid 6 M3 31.6 dBV/m
Grid 7 M3 30.07 dBV/m	Grid 8 M3 31.49 dBV/m	Grid 9 M3 31.33 dBV/m

Cursor:

Total = 31.78 dBV/m

E Category: M3

Location: -5, 2.5, 7.7 mm



0 dB = 38.80 V/m = 31.78 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 661CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 39.38 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.20 dBV/m

Emission category: M3

MIF scaled E-field

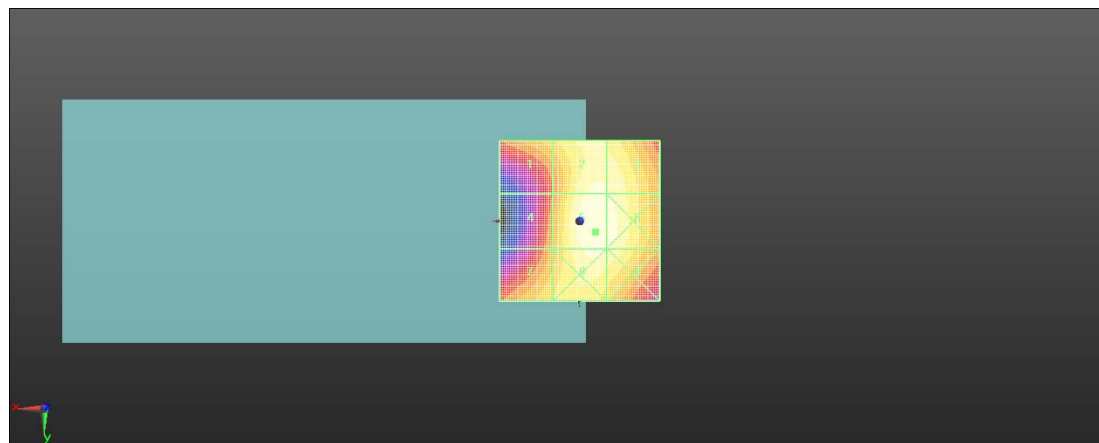
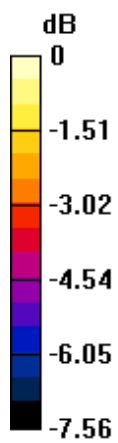
Grid 1 M3 30.57 dBV/m	Grid 2 M3 31.89 dBV/m	Grid 3 M3 31.79 dBV/m
Grid 4 M4 29.88 dBV/m	Grid 5 M3 32.2 dBV/m	Grid 6 M3 32.02 dBV/m
Grid 7 M3 30.69 dBV/m	Grid 8 M3 31.93 dBV/m	Grid 9 M3 31.76 dBV/m

Cursor:

Total = 32.20 dBV/m

E Category: M3

Location: -5, 3.5, 7.7 mm



0 dB = 40.74 V/m = 32.20 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 810CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10021 - DAC, 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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 38.72 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.02 dBV/m

Emission category: M3

MIF scaled E-field

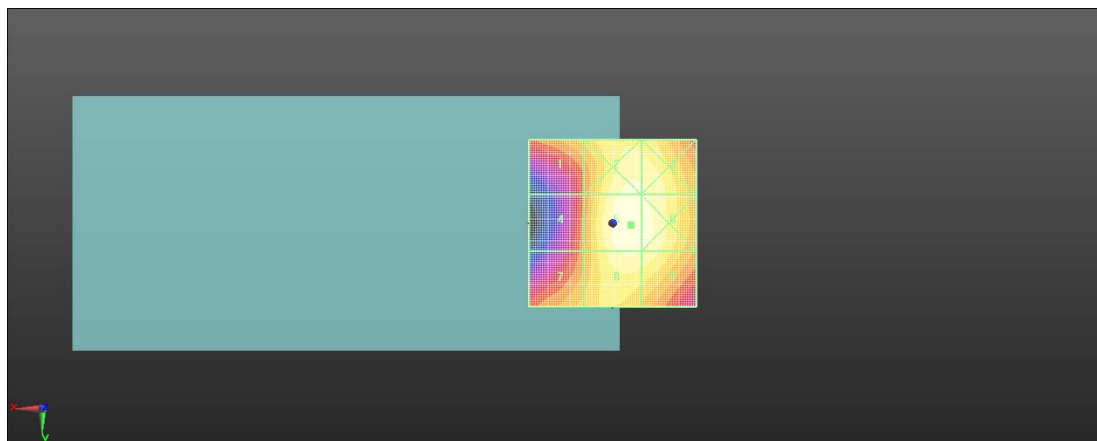
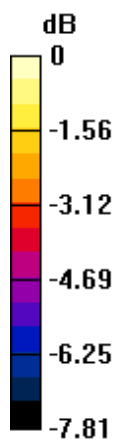
Grid 1 M3 30.2 dBV/m	Grid 2 M3 31.73 dBV/m	Grid 3 M3 31.67 dBV/m
Grid 4 M4 29.38 dBV/m	Grid 5 M3 32.02 dBV/m	Grid 6 M3 31.88 dBV/m
Grid 7 M3 30.15 dBV/m	Grid 8 M3 31.59 dBV/m	Grid 9 M3 31.49 dBV/m

Cursor:

Total = 32.02 dBV/m

E Category: M3

Location: -5.5, 0.5, 7.7 mm



0 dB = 39.92 V/m = 32.02 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 661CH with Battery2 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 41.76 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.61 dBV/m

Emission category: M3

MIF scaled E-field

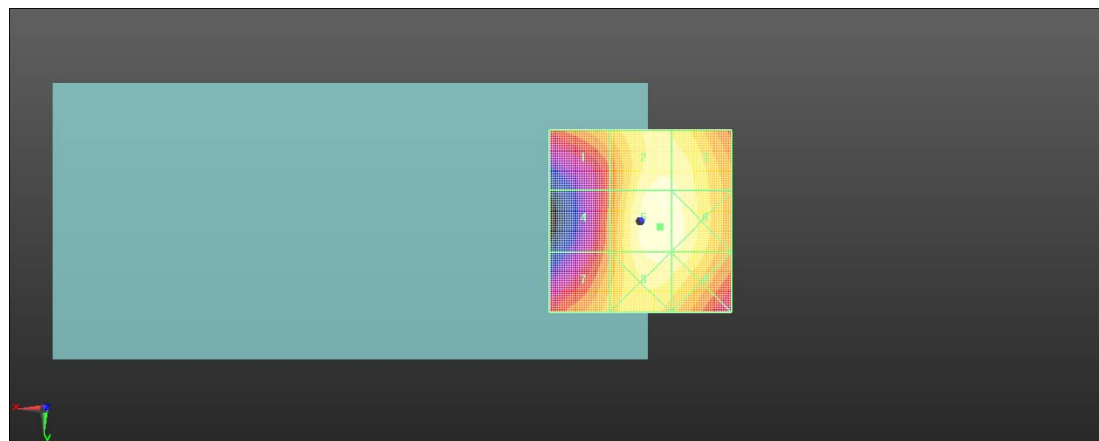
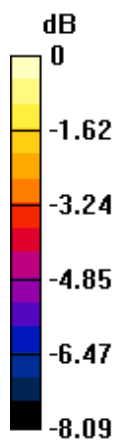
Grid 1 M3 30.62 dBV/m	Grid 2 M3 32.26 dBV/m	Grid 3 M3 32.18 dBV/m
Grid 4 M4 29.86 dBV/m	Grid 5 M3 32.61 dBV/m	Grid 6 M3 32.46 dBV/m
Grid 7 M3 30.72 dBV/m	Grid 8 M3 32.29 dBV/m	Grid 9 M3 32.17 dBV/m

Cursor:

Total = 32.61 dBV/m

E Category: M3

Location: -5.5, 1.5, 7.7 mm



0 dB = 42.68 V/m = 32.60 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-GSM1900 GSM Voice 661CH with Battery3 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 42.14 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.69 dBV/m

Emission category: M3

MIF scaled E-field

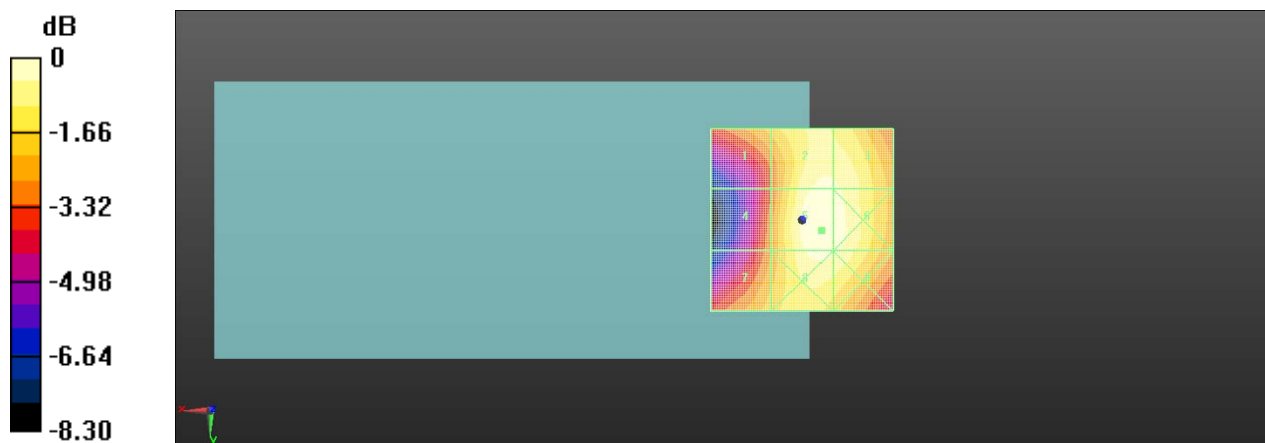
Grid 1 M3 30.71 dBV/m	Grid 2 M3 32.31 dBV/m	Grid 3 M3 32.25 dBV/m
Grid 4 M4 29.95 dBV/m	Grid 5 M3 32.69 dBV/m	Grid 6 M3 32.54 dBV/m
Grid 7 M3 30.77 dBV/m	Grid 8 M3 32.36 dBV/m	Grid 9 M3 32.26 dBV/m

Cursor:

Total = 32.69 dBV/m

E Category: M3

Location: -5.5, 3, 7.7 mm



Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M QPSK 1RB99 37850CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2580 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 17.94 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.98 dBV/m

Emission category: M4

MIF scaled E-field

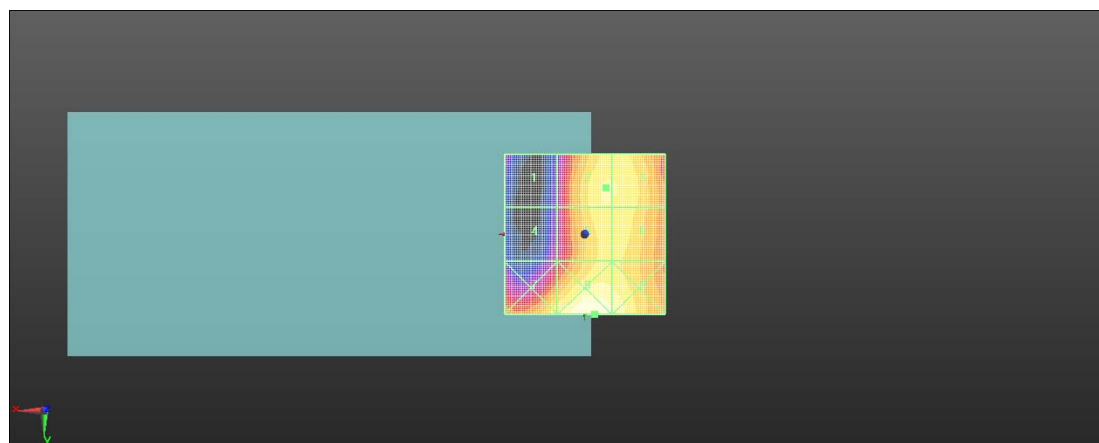
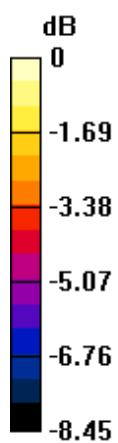
Grid 1 M4 19.34 dBV/m	Grid 2 M4 22.98 dBV/m	Grid 3 M4 22.95 dBV/m
Grid 4 M4 19.46 dBV/m	Grid 5 M4 22.87 dBV/m	Grid 6 M4 22.85 dBV/m
Grid 7 M4 22.96 dBV/m	Grid 8 M4 24.02 dBV/m	Grid 9 M4 23.56 dBV/m

Cursor:

Total = 24.02 dBV/m

E Category: M4

Location: -3, 25, 7.7 mm



0 dB = 15.89 V/m = 24.02 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M QPSK 1RB99 38000CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2595 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 18.88 V/m; Power Drift = -0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.69 dBV/m

Emission category: M4

MIF scaled E-field

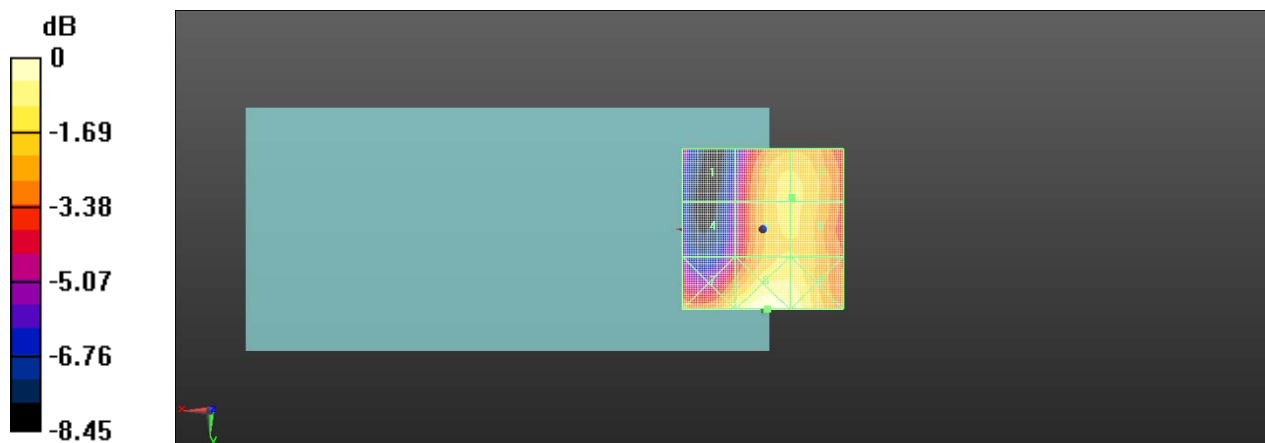
Grid 1 M4 19.6 dBV/m	Grid 2 M4 22.69 dBV/m	Grid 3 M4 22.69 dBV/m
Grid 4 M4 19.61 dBV/m	Grid 5 M4 22.67 dBV/m	Grid 6 M4 22.67 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 24.15 dBV/m	Grid 9 M4 23.65 dBV/m

Cursor:

Total = 24.15 dBV/m

E Category: M4

Location: -1.5, 25, 7.7 mm



Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M QPSK 1RB99 38150CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2610 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 19.43 V/m; Power Drift = -0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.12 dBV/m

Emission category: M4

MIF scaled E-field

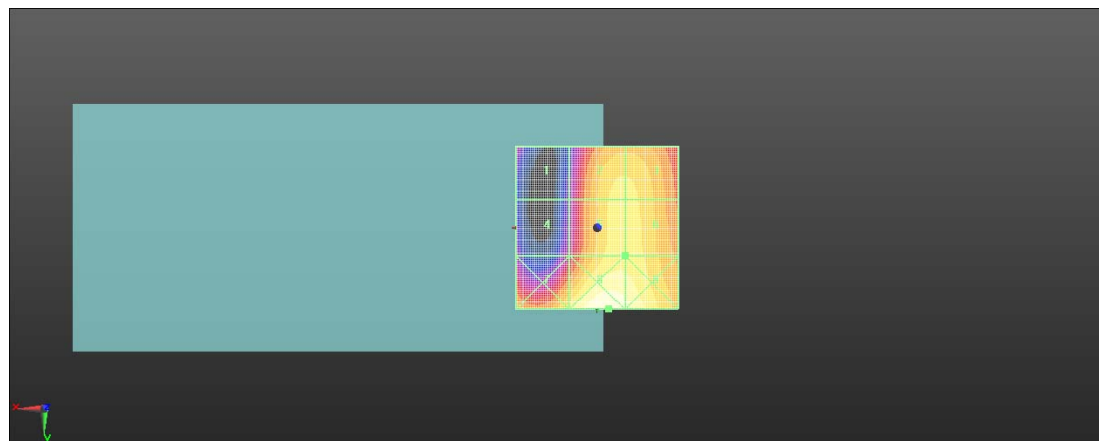
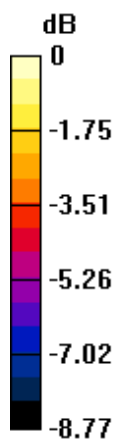
Grid 1 M4 19.67 dBV/m	Grid 2 M4 22.95 dBV/m	Grid 3 M4 22.93 dBV/m
Grid 4 M4 19.6 dBV/m	Grid 5 M4 23.12 dBV/m	Grid 6 M4 23.12 dBV/m
Grid 7 M4 23.15 dBV/m	Grid 8 M4 24.45 dBV/m	Grid 9 M4 24.14 dBV/m

Cursor:

Total = 24.45 dBV/m

E Category: M4

Location: -3.5, 25, 7.7 mm



0 dB = 16.69 V/m = 24.45 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M QPSK 1RB99 38150CH with Battery2 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2610 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 21.97 V/m; Power Drift = -0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.95 dBV/m

Emission category: M4

MIF scaled E-field

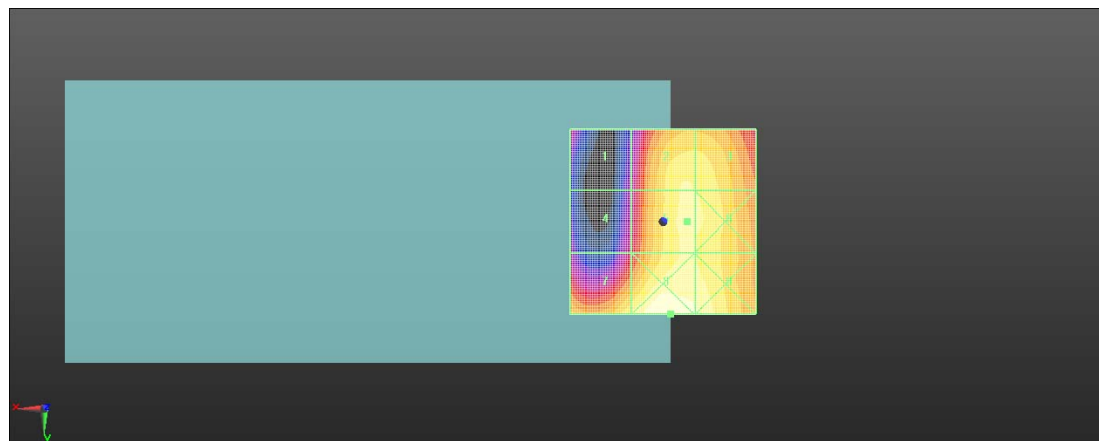
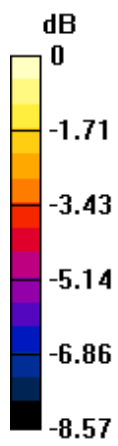
Grid 1 M4 20.43 dBV/m	Grid 2 M4 23.84 dBV/m	Grid 3 M4 23.76 dBV/m
Grid 4 M4 20.57 dBV/m	Grid 5 M4 23.95 dBV/m	Grid 6 M4 23.89 dBV/m
Grid 7 M4 23.88 dBV/m	Grid 8 M4 24.9 dBV/m	Grid 9 M4 24.56 dBV/m

Cursor:

Total = 24.90 dBV/m

E Category: M4

Location: -2, 25, 7.7 mm



0 dB = 17.59 V/m = 24.91 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M QPSK 1RB99 38150CH with Battery3 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2610 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 20.55 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.26 dBV/m

Emission category: M4

MIF scaled E-field

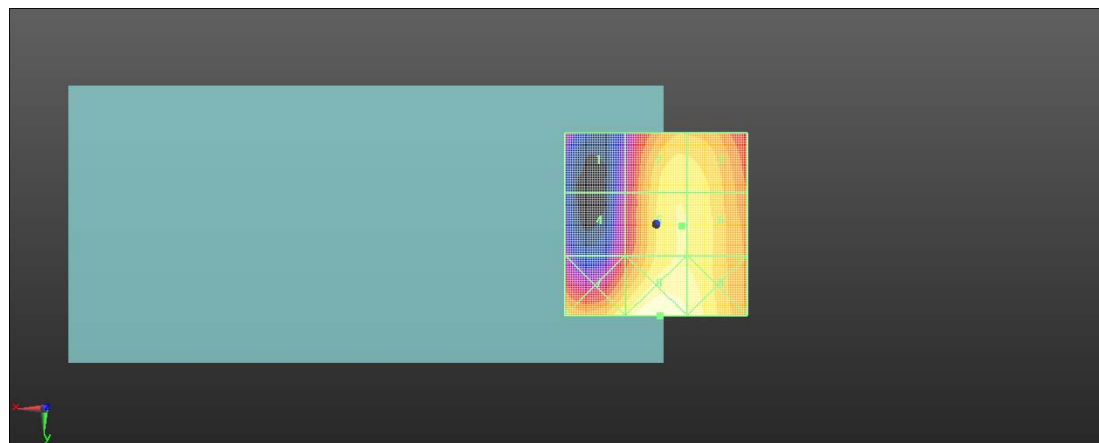
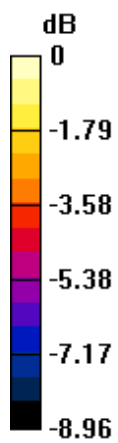
Grid 1 M4 19.59 dBV/m	Grid 2 M4 23.17 dBV/m	Grid 3 M4 23.12 dBV/m
Grid 4 M4 20.16 dBV/m	Grid 5 M4 23.26 dBV/m	Grid 6 M4 23.24 dBV/m
Grid 7 M4 23.34 dBV/m	Grid 8 M4 24.41 dBV/m	Grid 9 M4 23.86 dBV/m

Cursor:

Total = 24.41 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 16.62 V/m = 24.41 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M 16QAM 1RB99 37850CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2580 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 20.60 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.93 dBV/m

Emission category: M4

MIF scaled E-field

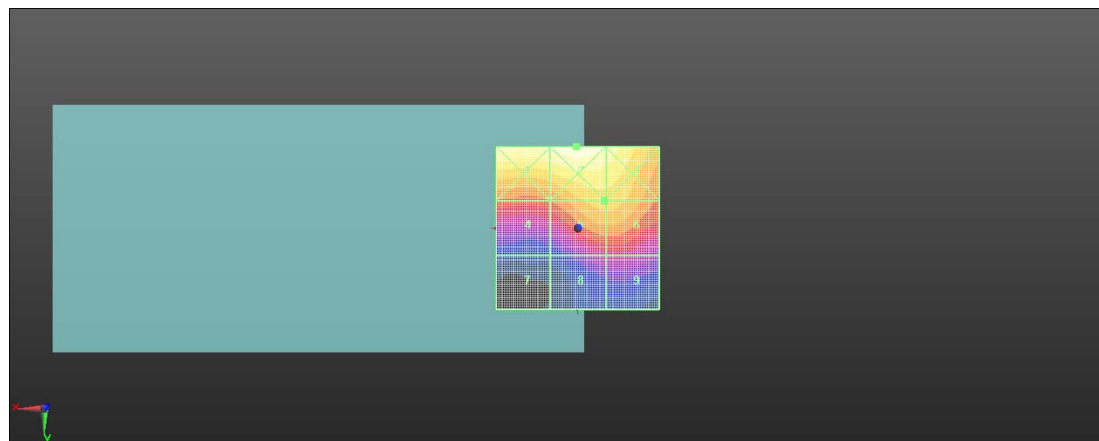
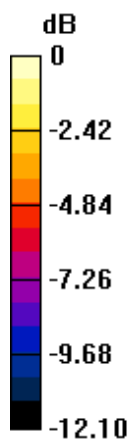
Grid 1 M4 26.24 dBV/m	Grid 2 M4 26.78 dBV/m	Grid 3 M4 25.95 dBV/m
Grid 4 M4 21.99 dBV/m	Grid 5 M4 23.93 dBV/m	Grid 6 M4 23.93 dBV/m
Grid 7 M4 16.99 dBV/m	Grid 8 M4 19.88 dBV/m	Grid 9 M4 20.03 dBV/m

Cursor:

Total = 26.78 dBV/m

E Category: M4

Location: 0.5, -25, 7.7 mm



0 dB = 21.82 V/m = 26.78 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M 16QAM 1RB99 38000CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2595 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 20.33 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.95 dBV/m

Emission category: M4

MIF scaled E-field

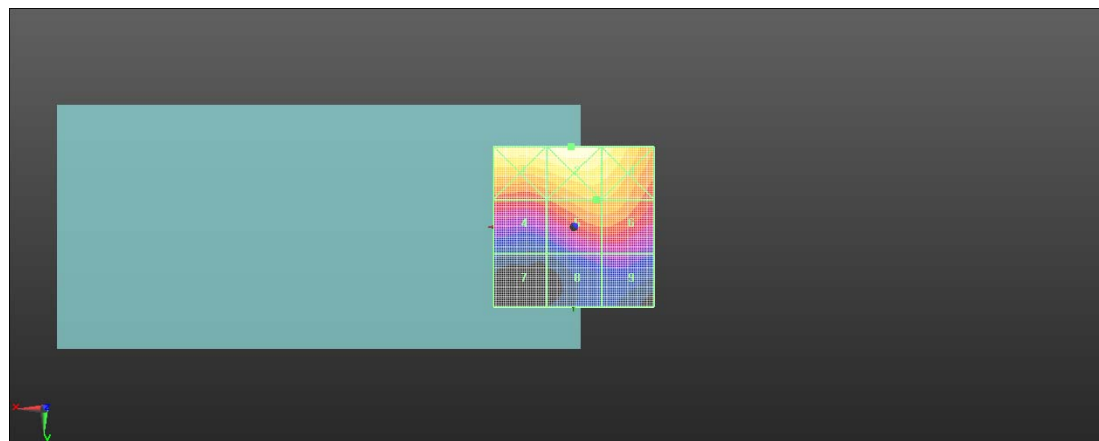
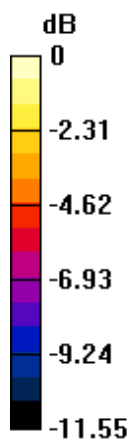
Grid 1 M4 26.51 dBV/m	Grid 2 M4 26.97 dBV/m	Grid 3 M4 26.15 dBV/m
Grid 4 M4 22.26 dBV/m	Grid 5 M4 23.95 dBV/m	Grid 6 M4 23.92 dBV/m
Grid 7 M4 17.38 dBV/m	Grid 8 M4 19.53 dBV/m	Grid 9 M4 19.8 dBV/m

Cursor:

Total = 26.97 dBV/m

E Category: M4

Location: 1, -25, 7.7 mm



0 dB = 22.30 V/m = 26.97 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M 16QAM 1RB99 38150CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2610 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 21.44 V/m; Power Drift = -0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.36 dBV/m

Emission category: M4

MIF scaled E-field

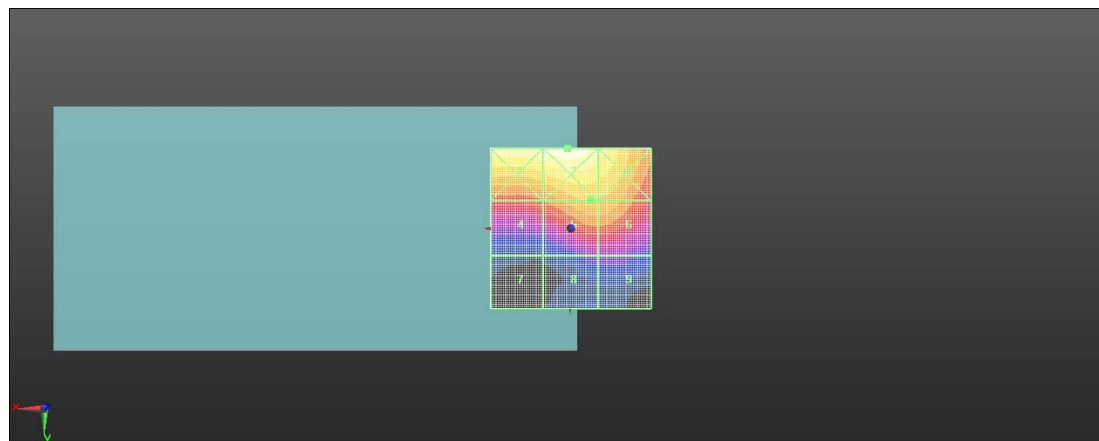
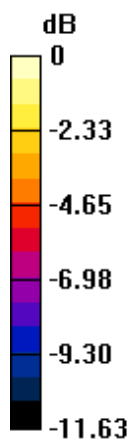
Grid 1 M4 26.91 dBV/m	Grid 2 M4 27.4 dBV/m	Grid 3 M4 26.35 dBV/m
Grid 4 M4 22.76 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 17.64 dBV/m	Grid 8 M4 19.75 dBV/m	Grid 9 M4 19.87 dBV/m

Cursor:

Total = 27.40 dBV/m

E Category: M4

Location: 1, -25, 7.7 mm



0 dB = 23.44 V/m = 27.40 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M 16QAM 1RB99 38150CH with Battery2 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2610 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 16.70 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.49 dBV/m

Emission category: M4

MIF scaled E-field

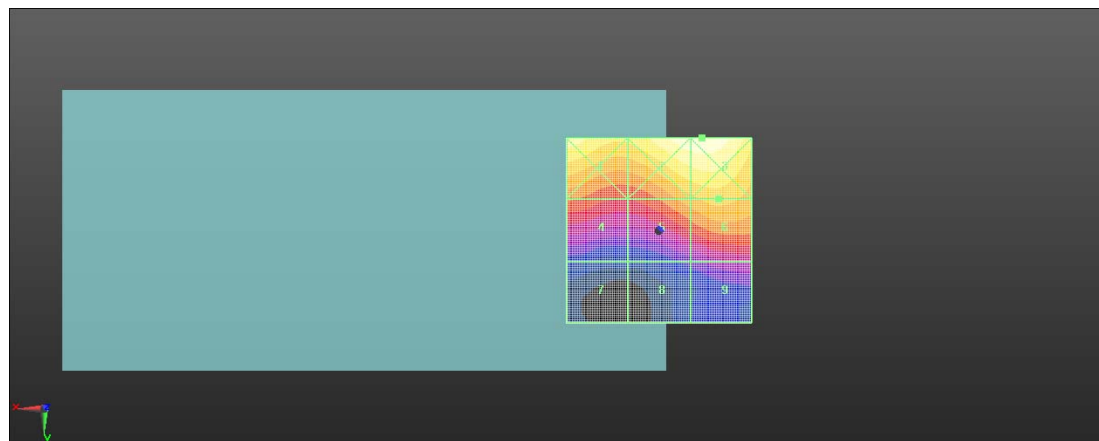
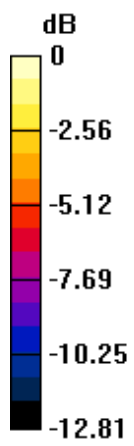
Grid 1 M4 27.47 dBV/m	Grid 2 M4 28.48 dBV/m	Grid 3 M4 28.58 dBV/m
Grid 4 M4 23.62 dBV/m	Grid 5 M4 24.88 dBV/m	Grid 6 M4 25.49 dBV/m
Grid 7 M4 18.75 dBV/m	Grid 8 M4 19.59 dBV/m	Grid 9 M4 21.02 dBV/m

Cursor:

Total = 28.58 dBV/m

E Category: M4

Location: -11.5, -25, 7.7 mm



0 dB = 26.84 V/m = 28.58 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 38 20M 16QAM 1RB99 38150CH with Battery3 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2610 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 15.13 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.79 dBV/m

Emission category: M4

MIF scaled E-field

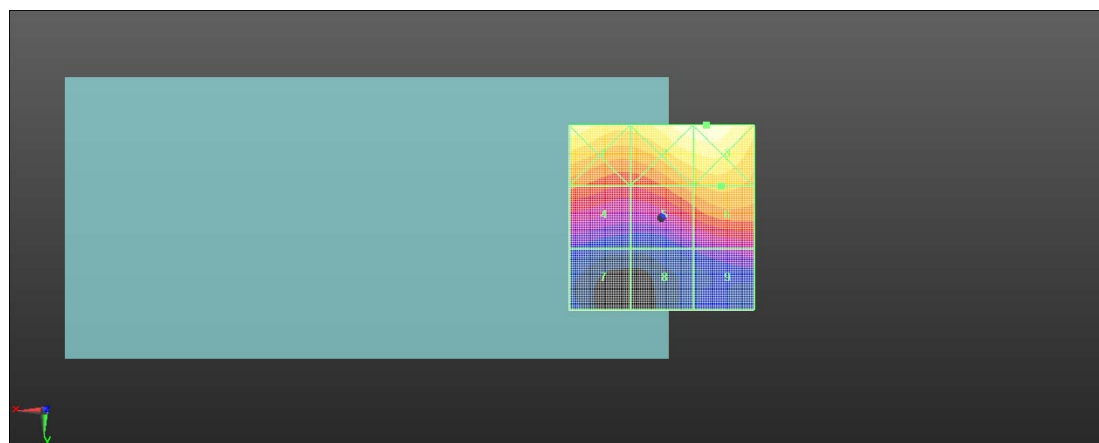
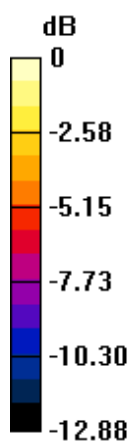
Grid 1 M4 26.97 dBV/m	Grid 2 M4 27.84 dBV/m	Grid 3 M4 27.95 dBV/m
Grid 4 M4 23.05 dBV/m	Grid 5 M4 24.13 dBV/m	Grid 6 M4 24.79 dBV/m
Grid 7 M4 18.34 dBV/m	Grid 8 M4 18.62 dBV/m	Grid 9 M4 20.32 dBV/m

Cursor:

Total = 27.95 dBV/m

E Category: M4

Location: -12, -25, 7.7 mm



0 dB = 24.96 V/m = 27.95 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M QPSK 1RB0 40140CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2545 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 18.63 V/m; Power Drift = 0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.96 dBV/m

Emission category: M4

MIF scaled E-field

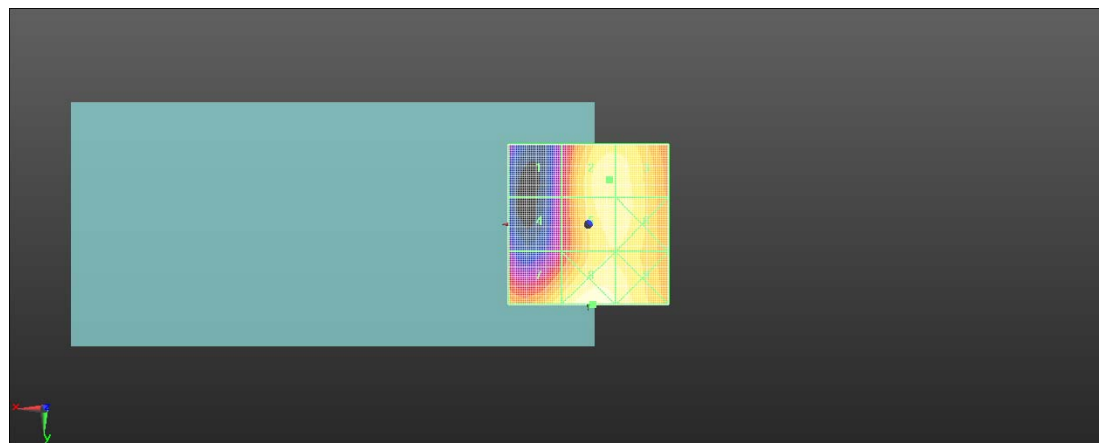
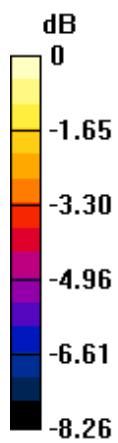
Grid 1 M4 19.28 dBV/m	Grid 2 M4 22.96 dBV/m	Grid 3 M4 22.92 dBV/m
Grid 4 M4 19.34 dBV/m	Grid 5 M4 22.91 dBV/m	Grid 6 M4 22.87 dBV/m
Grid 7 M4 22.64 dBV/m	Grid 8 M4 23.65 dBV/m	Grid 9 M4 23.22 dBV/m

Cursor:

Total = 23.65 dBV/m

E Category: M4

Location: -1.5, 25, 7.7 mm



0 dB = 15.23 V/m = 23.65 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M QPSK 1RB99 40473CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2578.3 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 18.74 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.18 dBV/m

Emission category: M4

MIF scaled E-field

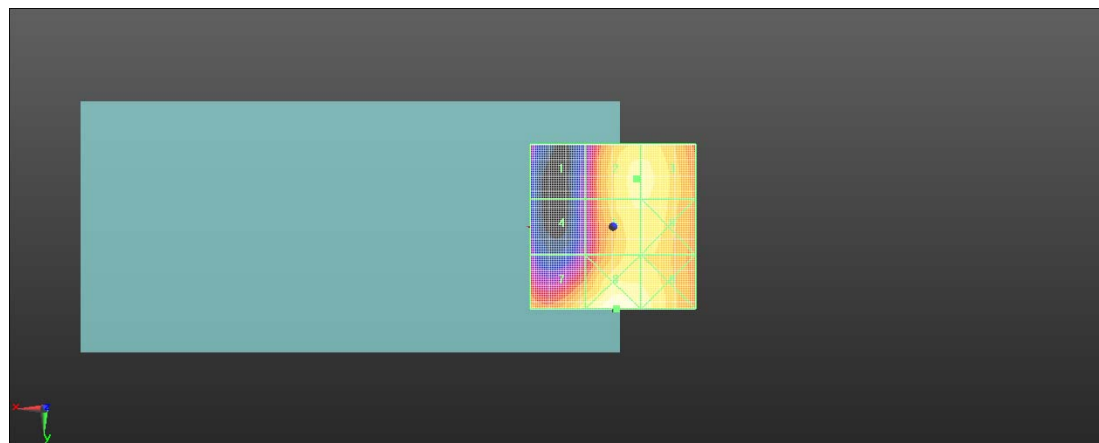
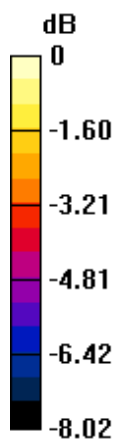
Grid 1 M4 19.5 dBV/m	Grid 2 M4 23.18 dBV/m	Grid 3 M4 23.17 dBV/m
Grid 4 M4 19.32 dBV/m	Grid 5 M4 23.09 dBV/m	Grid 6 M4 23.08 dBV/m
Grid 7 M4 22.96 dBV/m	Grid 8 M4 24.07 dBV/m	Grid 9 M4 23.45 dBV/m

Cursor:

Total = 24.07 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 15.98 V/m = 24.07 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M QPSK 1RB0 40807CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2611.7 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 19.18 V/m; Power Drift = -0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.25 dBV/m

Emission category: M4

MIF scaled E-field

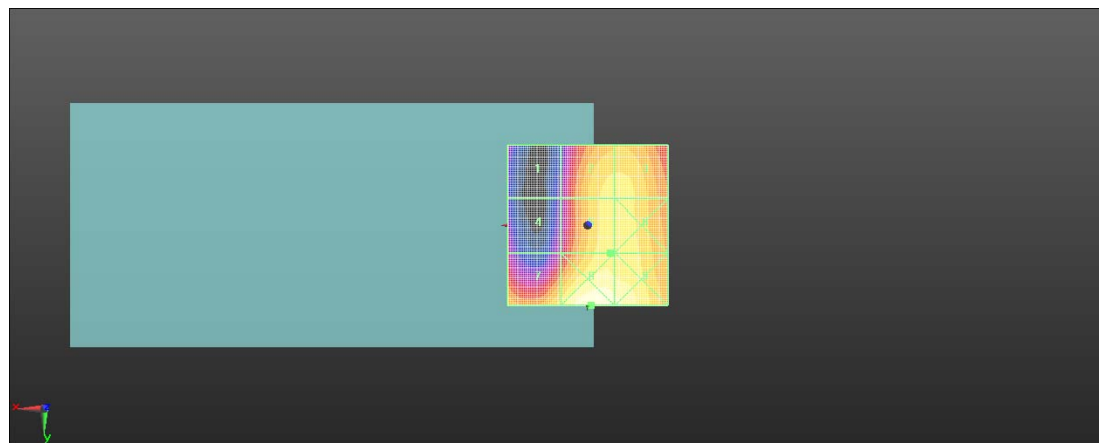
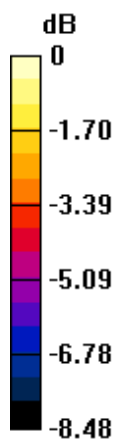
Grid 1 M4 19.47 dBV/m	Grid 2 M4 23.11 dBV/m	Grid 3 M4 23.11 dBV/m
Grid 4 M4 19.86 dBV/m	Grid 5 M4 23.25 dBV/m	Grid 6 M4 23.24 dBV/m
Grid 7 M4 23.18 dBV/m	Grid 8 M4 24.51 dBV/m	Grid 9 M4 24.11 dBV/m

Cursor:

Total = 24.51 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 16.80 V/m = 24.51 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M QPSK 1RB99 41140CH Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2645 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 19.23 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.33 dBV/m

Emission category: M4

MIF scaled E-field

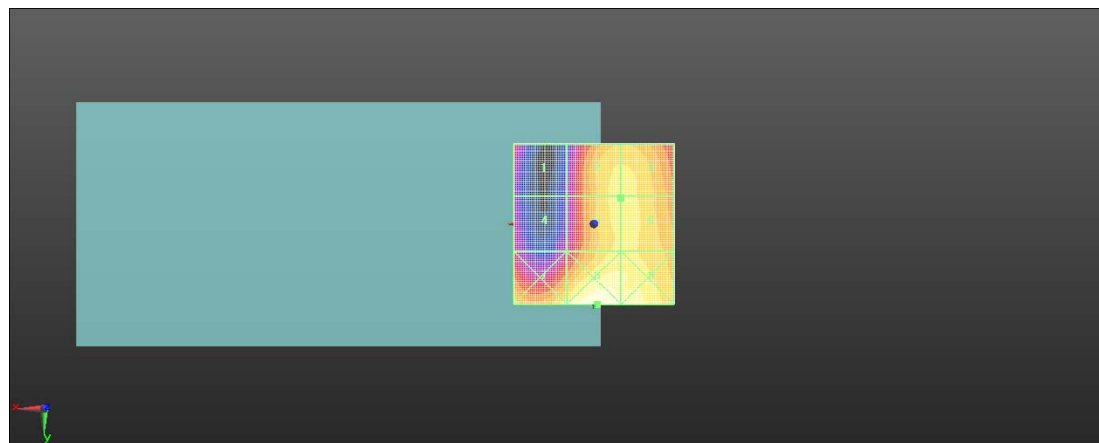
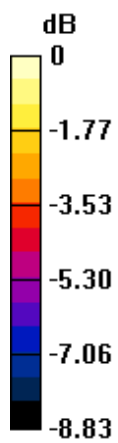
Grid 1 M4 20.77 dBV/m	Grid 2 M4 23.33 dBV/m	Grid 3 M4 23.33 dBV/m
Grid 4 M4 20.45 dBV/m	Grid 5 M4 23.33 dBV/m	Grid 6 M4 23.33 dBV/m
Grid 7 M4 23.65 dBV/m	Grid 8 M4 24.89 dBV/m	Grid 9 M4 24.49 dBV/m

Cursor:

Total = 24.89 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 17.56 V/m = 24.89 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M QPSK 1RB99 41140CH with Battery2 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2645 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 20.69 V/m; Power Drift = 0.17 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.56 dBV/m

Emission category: M4

MIF scaled E-field

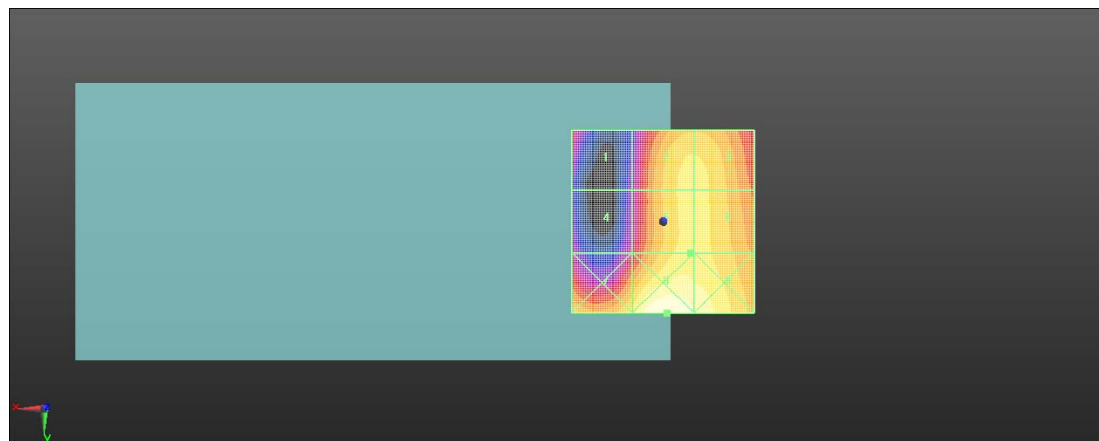
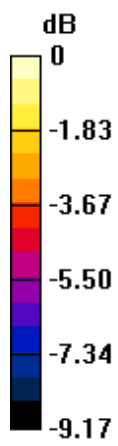
Grid 1 M4 20.84 dBV/m	Grid 2 M4 23.52 dBV/m	Grid 3 M4 23.51 dBV/m
Grid 4 M4 20.22 dBV/m	Grid 5 M4 23.56 dBV/m	Grid 6 M4 23.55 dBV/m
Grid 7 M4 23.6 dBV/m	Grid 8 M4 25.14 dBV/m	Grid 9 M4 24.63 dBV/m

Cursor:

Total = 25.14 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 18.08 V/m = 25.14 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M QPSK 1RB99 41140CH with Battery3 Ant1

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2645 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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 20.66 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.66 dBV/m

Emission category: M4

MIF scaled E-field

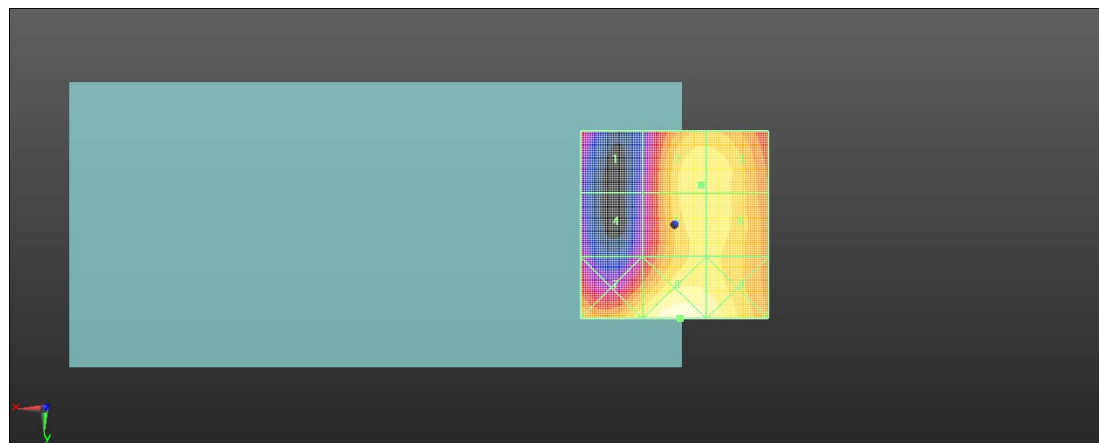
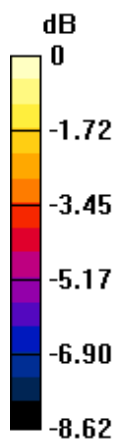
Grid 1 M4 20.95 dBV/m	Grid 2 M4 23.66 dBV/m	Grid 3 M4 23.64 dBV/m
Grid 4 M4 20.21 dBV/m	Grid 5 M4 23.64 dBV/m	Grid 6 M4 23.62 dBV/m
Grid 7 M4 23.85 dBV/m	Grid 8 M4 24.86 dBV/m	Grid 9 M4 24.35 dBV/m

Cursor:

Total = 24.86 dBV/m

E Category: M4

Location: -1.5, 25, 7.7 mm



0 dB = 17.50 V/m = 24.86 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M 16QAM 1RB0 40140CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2545 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 20.12 V/m; Power Drift = -0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.17 dBV/m

Emission category: M4

MIF scaled E-field

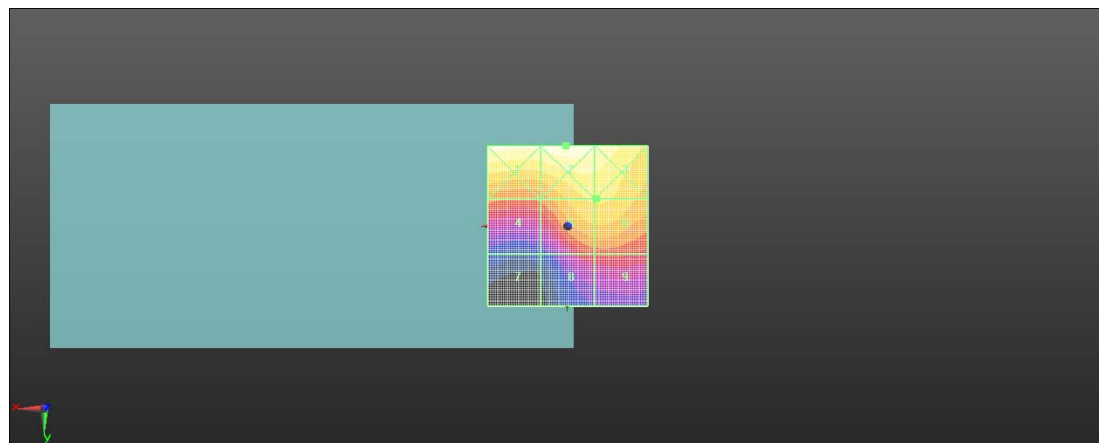
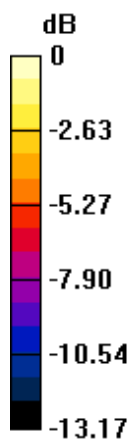
Grid 1 M4 25.3 dBV/m	Grid 2 M4 25.68 dBV/m	Grid 3 M4 25.01 dBV/m
Grid 4 M4 20.84 dBV/m	Grid 5 M4 23.16 dBV/m	Grid 6 M4 23.17 dBV/m
Grid 7 M4 15.66 dBV/m	Grid 8 M4 19.75 dBV/m	Grid 9 M4 19.9 dBV/m

Cursor:

Total = 25.68 dBV/m

E Category: M4

Location: 0.5, -25, 7.7 mm



0 dB = 19.22 V/m = 25.68 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M 16QAM 1RB0 40473CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2578.3 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 20.43 V/m; Power Drift = -0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.81 dBV/m

Emission category: M4

MIF scaled E-field

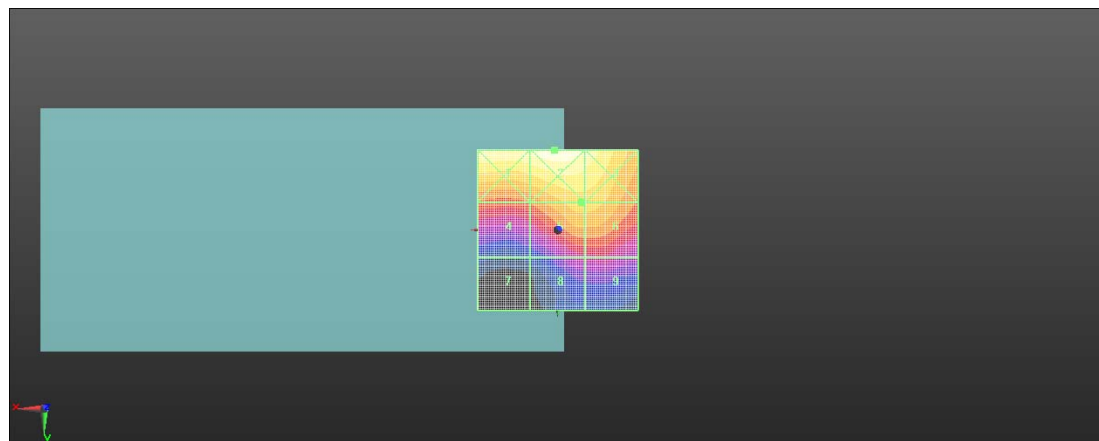
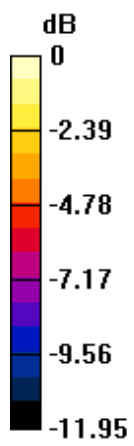
Grid 1 M4 26.07 dBV/m	Grid 2 M4 26.59 dBV/m	Grid 3 M4 25.83 dBV/m
Grid 4 M4 21.89 dBV/m	Grid 5 M4 23.81 dBV/m	Grid 6 M4 23.79 dBV/m
Grid 7 M4 16.84 dBV/m	Grid 8 M4 19.9 dBV/m	Grid 9 M4 20.12 dBV/m

Cursor:

Total = 26.59 dBV/m

E Category: M4

Location: 1, -25, 7.7 mm



0 dB = 21.36 V/m = 26.59 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M 16QAM 1RB99 40807CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2611.7 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 21.32 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.43 dBV/m

Emission category: M4

MIF scaled E-field

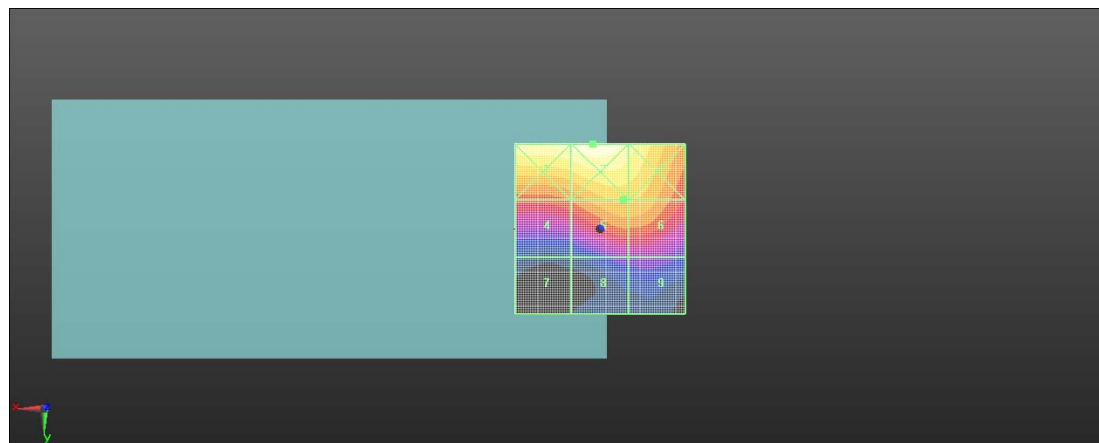
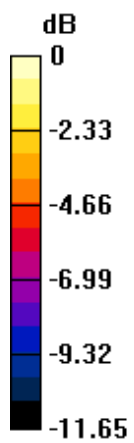
Grid 1 M4 27.01 dBV/m	Grid 2 M4 27.39 dBV/m	Grid 3 M4 26.38 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 24.43 dBV/m	Grid 6 M4 24.41 dBV/m
Grid 7 M4 17.68 dBV/m	Grid 8 M4 19.63 dBV/m	Grid 9 M4 19.84 dBV/m

Cursor:

Total = 27.39 dBV/m

E Category: M4

Location: 2, -25, 7.7 mm



0 dB = 23.40 V/m = 27.38 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M 16QAM 1RB0 41140CH Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 1e59d163

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2645 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 21.29 V/m; Power Drift = -0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.45 dBV/m

Emission category: M4

MIF scaled E-field

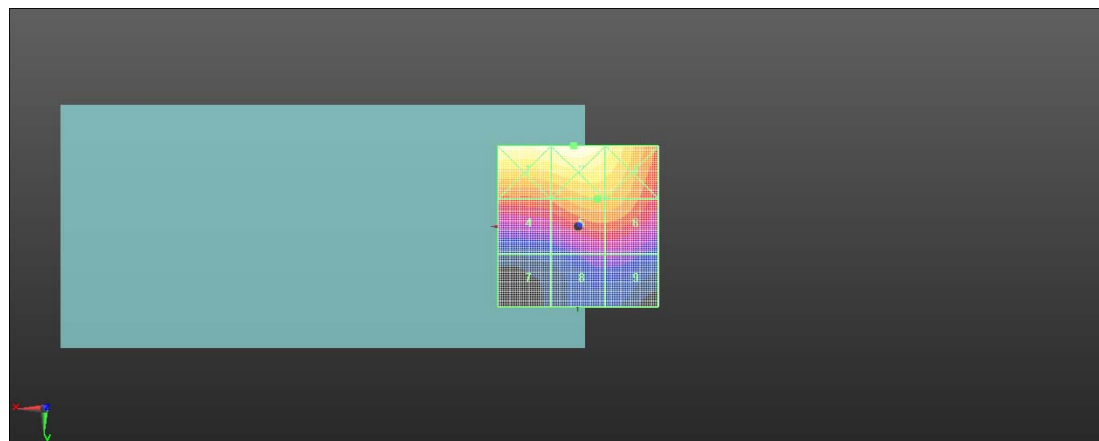
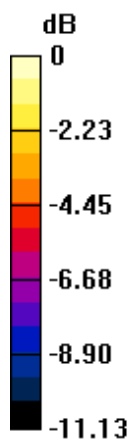
Grid 1 M4 27.14 dBV/m	Grid 2 M4 27.49 dBV/m	Grid 3 M4 26.47 dBV/m
Grid 4 M4 23.18 dBV/m	Grid 5 M4 24.45 dBV/m	Grid 6 M4 24.39 dBV/m
Grid 7 M4 18.5 dBV/m	Grid 8 M4 20.43 dBV/m	Grid 9 M4 20.44 dBV/m

Cursor:

Total = 27.49 dBV/m

E Category: M4

Location: 1.5, -25, 7.7 mm



0 dB = 23.68 V/m = 27.49 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M 16QAM 1RB0 41140CH with Battery2 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 44849f36

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2645 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 16.76 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.08 dBV/m

Emission category: M4

MIF scaled E-field

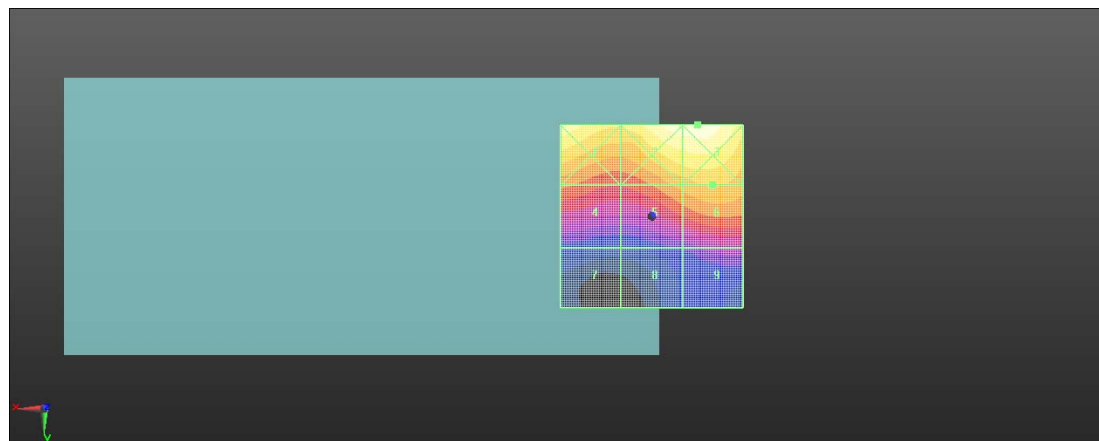
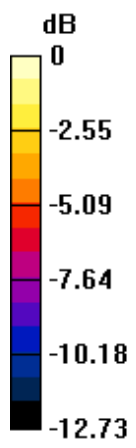
Grid 1 M4 27.32 dBV/m	Grid 2 M4 28.27 dBV/m	Grid 3 M4 28.39 dBV/m
Grid 4 M4 23.53 dBV/m	Grid 5 M4 24.5 dBV/m	Grid 6 M4 25.08 dBV/m
Grid 7 M4 18.69 dBV/m	Grid 8 M4 19.3 dBV/m	Grid 9 M4 20.63 dBV/m

Cursor:

Total = 28.39 dBV/m

E Category: M4

Location: -12.5, -25, 7.7 mm



0 dB = 26.27 V/m = 28.39 dBV/m

Test Laboratory: SGS-SAR Lab

vivo V2027 HAC-RF-LTE Band 41 20M 16QAM 1RB0 41140CH with Battery3 Ant2

DUT: vivo V2027; Type: Mobile phone; Serial: 31aee938

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2645 MHz; Duty Cycle: 1:8.87156

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: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 15.56 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.92 dBV/m

Emission category: M4

MIF scaled E-field

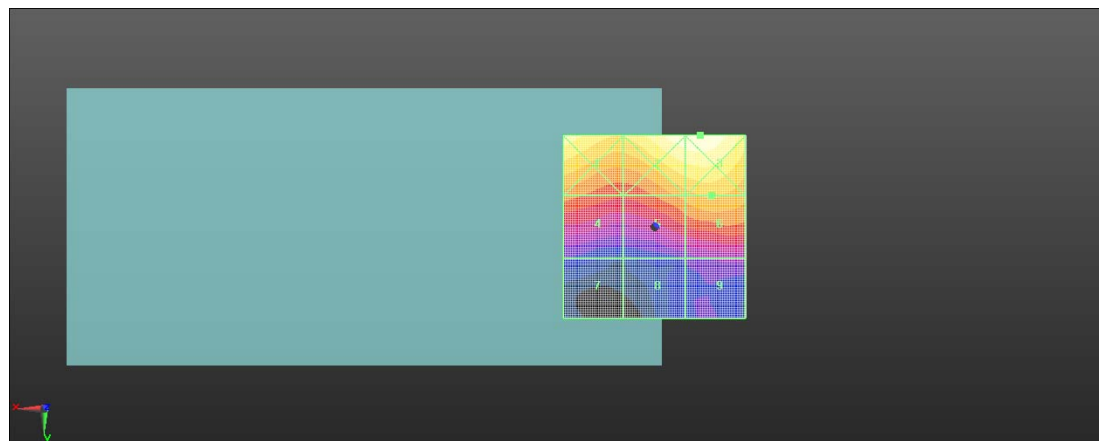
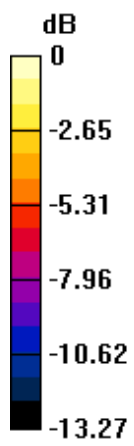
Grid 1 M4 27.15 dBV/m	Grid 2 M4 28.2 dBV/m	Grid 3 M4 28.32 dBV/m
Grid 4 M4 23.45 dBV/m	Grid 5 M4 24.32 dBV/m	Grid 6 M4 24.92 dBV/m
Grid 7 M4 18.7 dBV/m	Grid 8 M4 19.02 dBV/m	Grid 9 M4 19.91 dBV/m

Cursor:

Total = 28.32 dBV/m

E Category: M4

Location: -12.5, -25, 7.7 mm



0 dB = 26.07 V/m = 28.32 dBV/m