



Appendix B

Detailed Test Results

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| 1. GSM |
| GSM850 for E-Field Emission |
| GSM1900 for E-Field Emission |
| 2. CDMA |
| CDMA BC0 for E-Field Emission |
| CDMA BC1 for E-Field Emission |
| CDMA BC10 for E-Field Emission |
| 3. LTE |
| LTE Band 38 for E-Field Emission |
| LTE Band 41 for E-Field Emission |

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-GSM850 GSM Voice 128CH

DUT: BE2012; Type: Smart Phone; Serial: fe100de

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 = 49.39 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.14 dBV/m

Emission category: M4

MIF scaled E-field

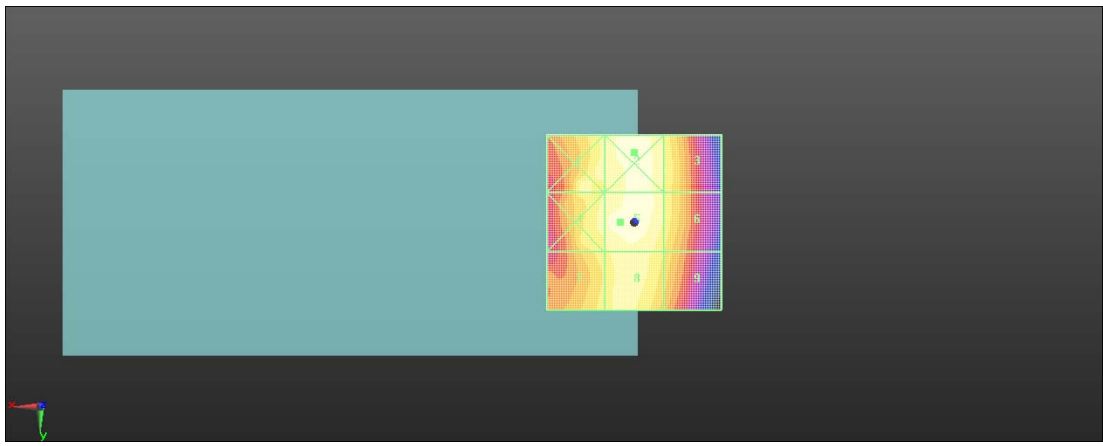
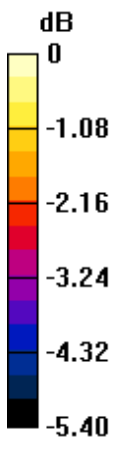
| | | |
|--|--|--|
| Grid 1 M4 34.75 dBV/m | Grid 2 M4 35.19 dBV/m | Grid 3 M4 34.52 dBV/m |
| Grid 4 M4 34.7 dBV/m | Grid 5 M4 35.14 dBV/m | Grid 6 M4 34.48 dBV/m |
| Grid 7 M4 34.37 dBV/m | Grid 8 M4 34.75 dBV/m | Grid 9 M4 34.11 dBV/m |

Cursor:

Total = 35.19 dBV/m

E Category: M4

Location: 0, -20, 7.7 mm



0 dB = 57.50 V/m = 35.19 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-GSM850 GSM Voice 190CH**DUT: BE2012; Type: Smart Phone; Serial: fe100de**

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 = 52.80 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.71 dBV/m

Emission category: M4

MIF scaled E-field

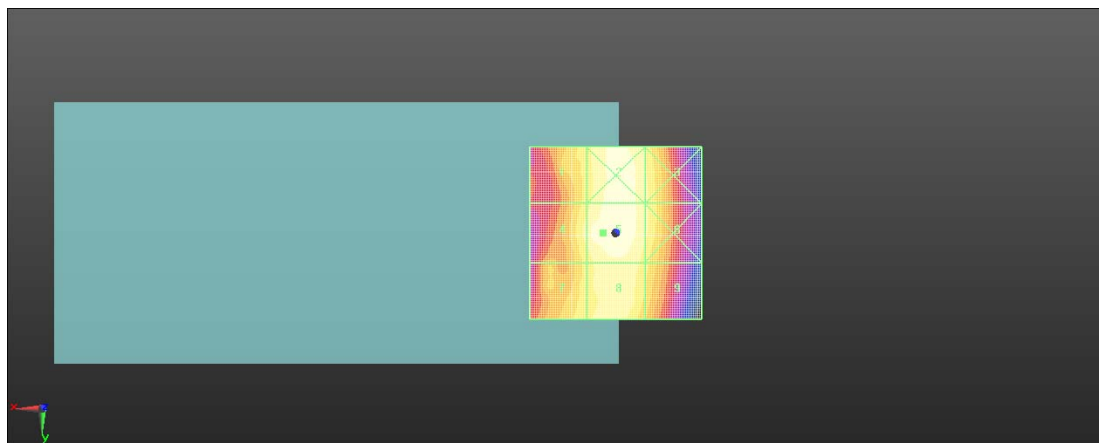
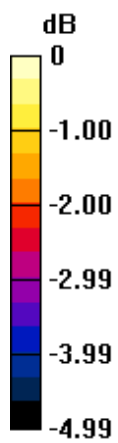
| | | |
|--|--|--|
| Grid 1 M4 34.95 dBV/m | Grid 2 M4 35.66 dBV/m | Grid 3 M4 35.19 dBV/m |
| Grid 4 M4 35.2 dBV/m | Grid 5 M4 35.71 dBV/m | Grid 6 M4 35.18 dBV/m |
| Grid 7 M4 35 dBV/m | Grid 8 M4 35.32 dBV/m | Grid 9 M4 34.89 dBV/m |

Cursor:

Total = 35.71 dBV/m

E Category: M4

Location: 3.5, 0, 7.7 mm



0 dB = 61.03 V/m = 35.71 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-GSM850 GSM Voice 251CH

DUT: BE2012; Type: Smart Phone; Serial: fe100de

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 = 48.74 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.84 dBV/m

Emission category: M4

MIF scaled E-field

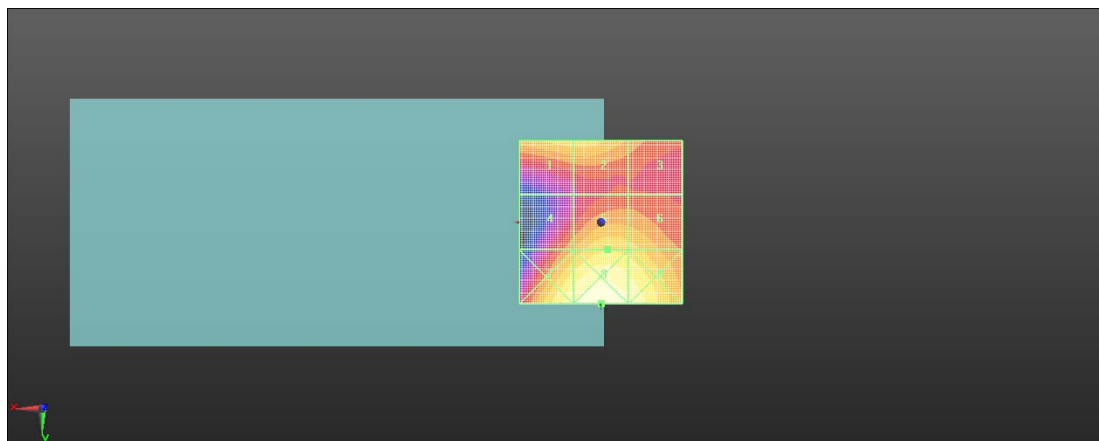
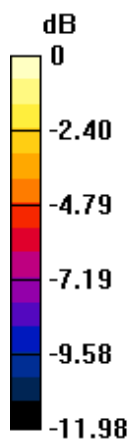
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|--|--|--|
| Grid 1 M4 34.39 dBV/m | Grid 2 M4 34.92 dBV/m | Grid 3 M4 34.52 dBV/m |
| Grid 4 M4 34.29 dBV/m | Grid 5 M4 34.84 dBV/m | Grid 6 M4 34.47 dBV/m |
| Grid 7 M4 34.29 dBV/m | Grid 8 M4 34.66 dBV/m | Grid 9 M4 34.04 dBV/m |

Cursor:

Total = 34.92 dBV/m

E Category: M4

Location: -2.5, -25, 7.7 mm



0 dB = 36.84 V/m = 31.33 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-GSM1900 GSM Voice 512CH**DUT: BE2012; Type: Smart Phone; Serial: fe100de**

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 = 26.09 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.26 dBV/m

Emission category: M3

MIF scaled E-field

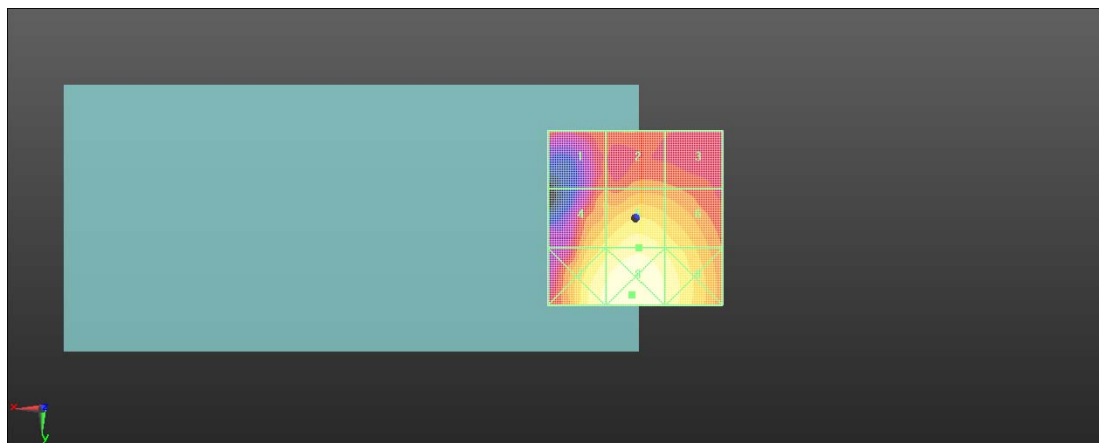
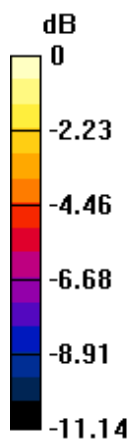
| | | |
|--|--|--|
| Grid 1 M4 27.05 dBV/m | Grid 2 M4 27.22 dBV/m | Grid 3 M4 27.02 dBV/m |
| Grid 4 M4 29.3 dBV/m | Grid 5 M3 30.26 dBV/m | Grid 6 M4 29.58 dBV/m |
| Grid 7 M3 30.71 dBV/m | Grid 8 M3 31.21 dBV/m | Grid 9 M3 30.42 dBV/m |

Cursor:

Total = 31.21 dBV/m

E Category: M3

Location: 1, 22, 7.7 mm



0 dB = 36.33 V/m = 31.21 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-GSM1900 GSM Voice 661CH**DUT: BE2012; Type: Smart Phone; Serial: fe100de**

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 = 17.87 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.83 dBV/m

Emission category: M4

MIF scaled E-field

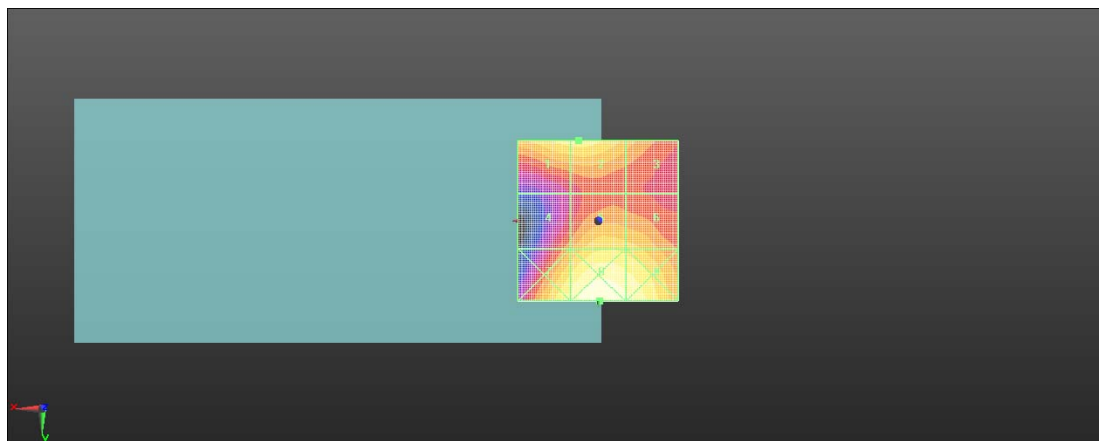
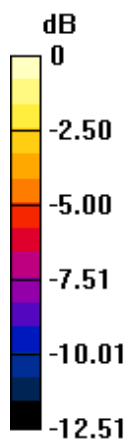
| | | |
|--|--|--|
| Grid 1 M4 28.76 dBV/m | Grid 2 M4 28.83 dBV/m | Grid 3 M4 27.14 dBV/m |
| Grid 4 M4 26.52 dBV/m | Grid 5 M4 28.22 dBV/m | Grid 6 M4 27.91 dBV/m |
| Grid 7 M4 29.71 dBV/m | Grid 8 M3 30.75 dBV/m | Grid 9 M3 30.16 dBV/m |

Cursor:

Total = 30.75 dBV/m

E Category: M3

Location: -0.5, 25, 7.7 mm



0 dB = 34.47 V/m = 30.75 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-GSM1900 GSM Voice 810CH

DUT: BE2012; Type: Smart Phone; Serial: fe100de

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 = 16.94 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.64 dBV/m

Emission category: M4

MIF scaled E-field

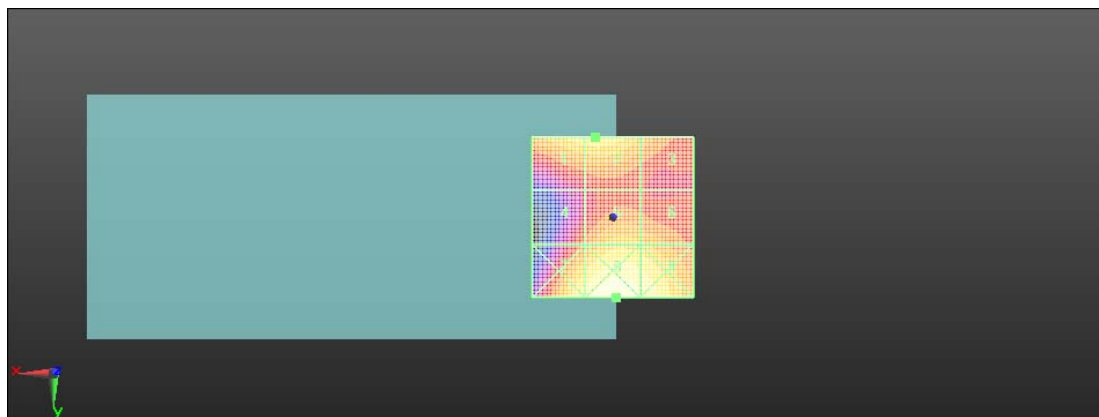
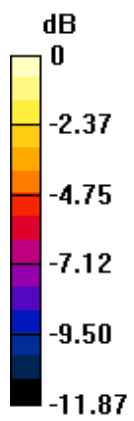
| | | |
|--|--|--|
| Grid 1 M4 28.57 dBV/m | Grid 2 M4 28.64 dBV/m | Grid 3 M4 27.04 dBV/m |
| Grid 4 M4 25.97 dBV/m | Grid 5 M4 27.65 dBV/m | Grid 6 M4 27.32 dBV/m |
| Grid 7 M4 29.25 dBV/m | Grid 8 M3 30.24 dBV/m | Grid 9 M4 29.61 dBV/m |

Cursor:

Total = 30.24 dBV/m

E Category: M3

Location: -1, 25, 7.7 mm



0 dB = 32.51 V/m = 30.24 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC0 RC1 SO3 1013CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

Medium: Air; Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
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 = 17.90 V/m; Power Drift = 0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.86 dBV/m

Emission category: M4

MIF scaled E-field

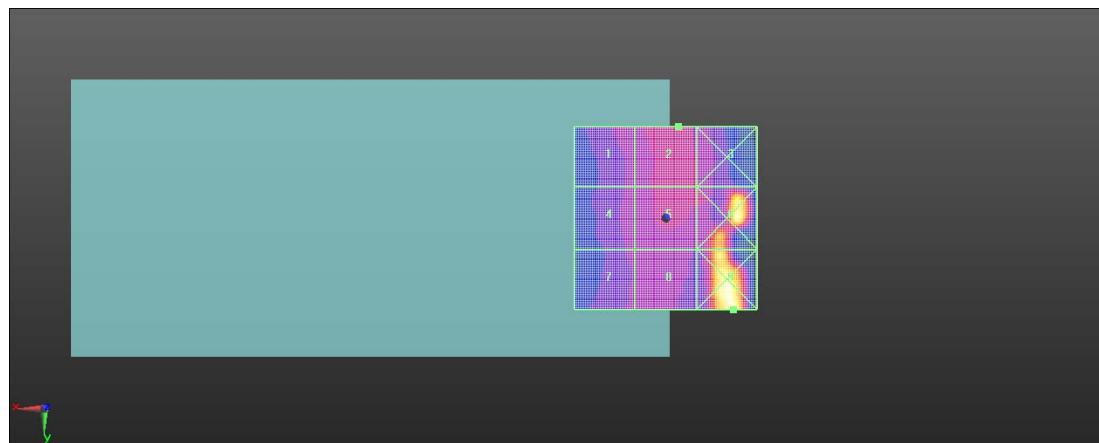
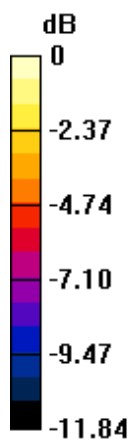
| | | |
|--|--|--|
| Grid 1 M4 25.29 dBV/m | Grid 2 M4 25.86 dBV/m | Grid 3 M4 25.51 dBV/m |
| Grid 4 M4 25.22 dBV/m | Grid 5 M4 25.74 dBV/m | Grid 6 M4 32 dBV/m |
| Grid 7 M4 24.95 dBV/m | Grid 8 M4 25.22 dBV/m | Grid 9 M4 32.58 dBV/m |

Cursor:

Total = 32.58 dBV/m

E Category: M4

Location: -18.5, 25, 7.7 mm



0 dB = 42.55 V/m = 32.58 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC0 RC1 SO3 384CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.7419

Medium: Air; Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
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 = -0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.18 dBV/m

Emission category: M4

MIF scaled E-field

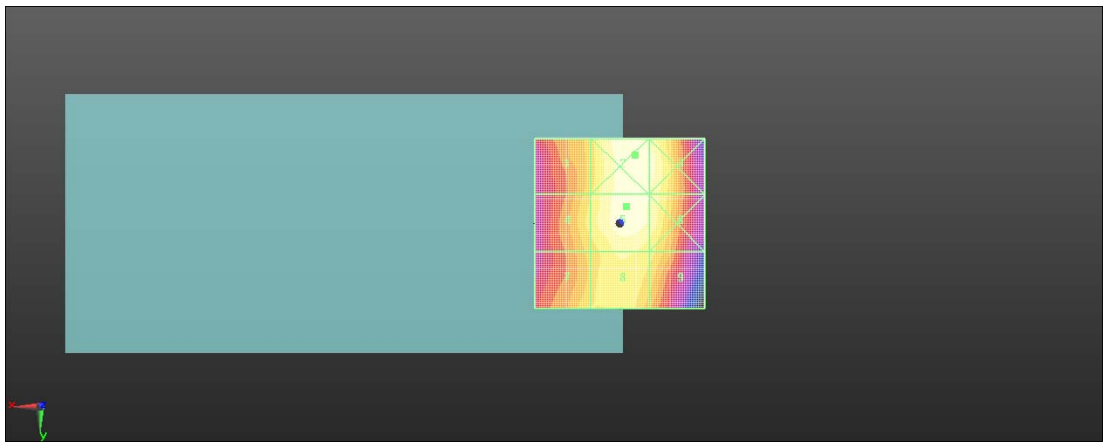
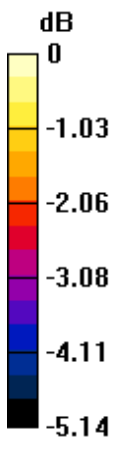
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| Grid 1 M4 25.17 dBV/m | Grid 2 M4 26.25 dBV/m | Grid 3 M4 26.07 dBV/m |
| Grid 4 M4 25.4 dBV/m | Grid 5 M4 26.18 dBV/m | Grid 6 M4 25.94 dBV/m |
| Grid 7 M4 25.26 dBV/m | Grid 8 M4 25.64 dBV/m | Grid 9 M4 25.39 dBV/m |

Cursor:

Total = 26.25 dBV/m

E Category: M4

Location: -4.5, -20, 7.7 mm



0 dB = 20.53 V/m = 26.25 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC0 RC1 SO3 777CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

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

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 = 18.87 V/m; Power Drift = -0.13 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.84 dBV/m

Emission category: M4

MIF scaled E-field

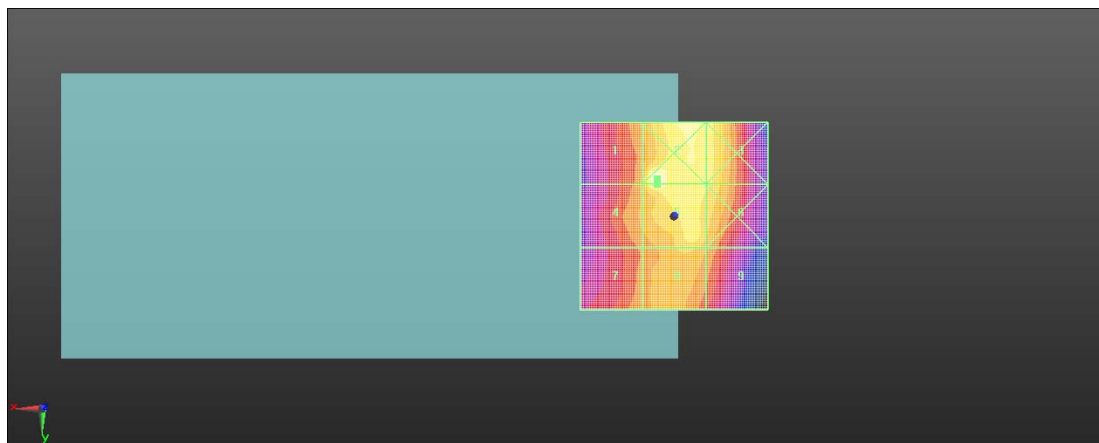
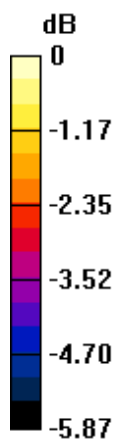
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|--|--|--|
| Grid 1 M4 25.38 dBV/m | Grid 2 M4 27.18 dBV/m | Grid 3 M4 26.26 dBV/m |
| Grid 4 M4 25.39 dBV/m | Grid 5 M4 26.84 dBV/m | Grid 6 M4 26.12 dBV/m |
| Grid 7 M4 25.17 dBV/m | Grid 8 M4 25.75 dBV/m | Grid 9 M4 25.34 dBV/m |

Cursor:

Total = 27.18 dBV/m

E Category: M4

Location: 4.5, -10, 7.7 mm



0 dB = 22.86 V/m = 27.18 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC1 RC1 SO3 25CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

Medium: Air; Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
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 = 11.04 V/m; Power Drift = -0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.15 dBV/m

Emission category: M4

MIF scaled E-field

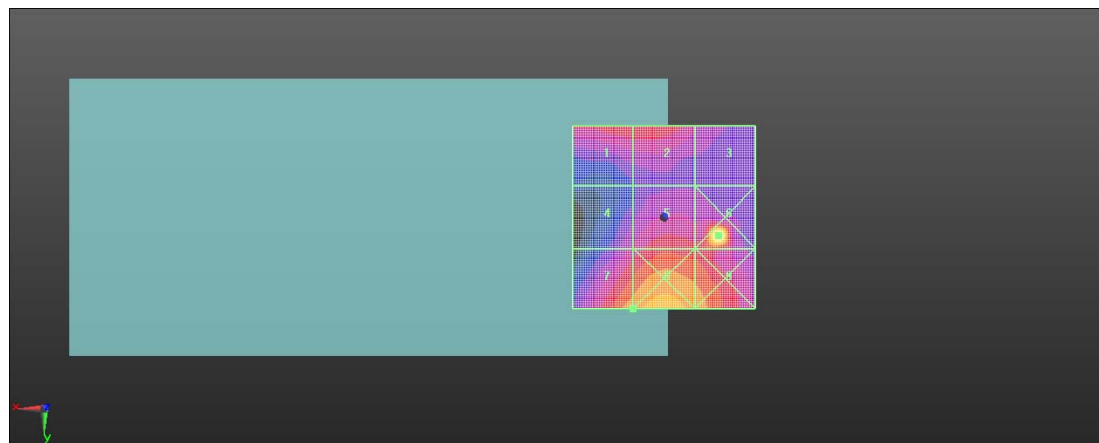
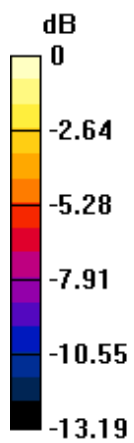
| | | |
|--|--|--|
| Grid 1 M4 23.61 dBV/m | Grid 2 M4 23.64 dBV/m | Grid 3 M4 22.01 dBV/m |
| Grid 4 M4 22.14 dBV/m | Grid 5 M4 23.47 dBV/m | Grid 6 M4 29.76 dBV/m |
| Grid 7 M4 25.15 dBV/m | Grid 8 M4 25.73 dBV/m | Grid 9 M4 25.11 dBV/m |

Cursor:

Total = 29.76 dBV/m

E Category: M4

Location: -15, 5, 7.7 mm



0 dB = 30.77 V/m = 29.76 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC1 RC1 SO3 600CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

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

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 = 10.52 V/m; Power Drift = 0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.73 dBV/m

Emission category: M4

MIF scaled E-field

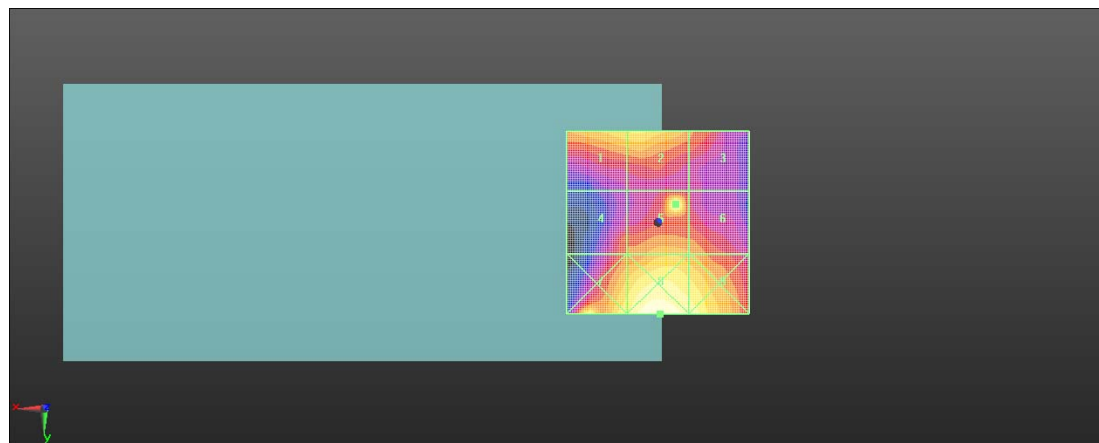
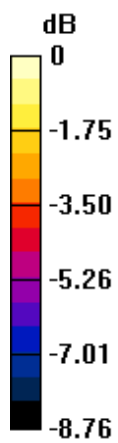
| | | |
|--|--|--|
| Grid 1 M4 23.51 dBV/m | Grid 2 M4 23.71 dBV/m | Grid 3 M4 22.06 dBV/m |
| Grid 4 M4 21.85 dBV/m | Grid 5 M4 24.73 dBV/m | Grid 6 M4 22.48 dBV/m |
| Grid 7 M4 24.54 dBV/m | Grid 8 M4 25.27 dBV/m | Grid 9 M4 24.59 dBV/m |

Cursor:

Total = 25.27 dBV/m

E Category: M4

Location: -0.5, 25, 7.7 mm



0 dB = 18.35 V/m = 25.27 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC1 RC1 SO3 1175CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

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

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 = 10.57 V/m; Power Drift = -0.16 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.68 dBV/m

Emission category: M4

MIF scaled E-field

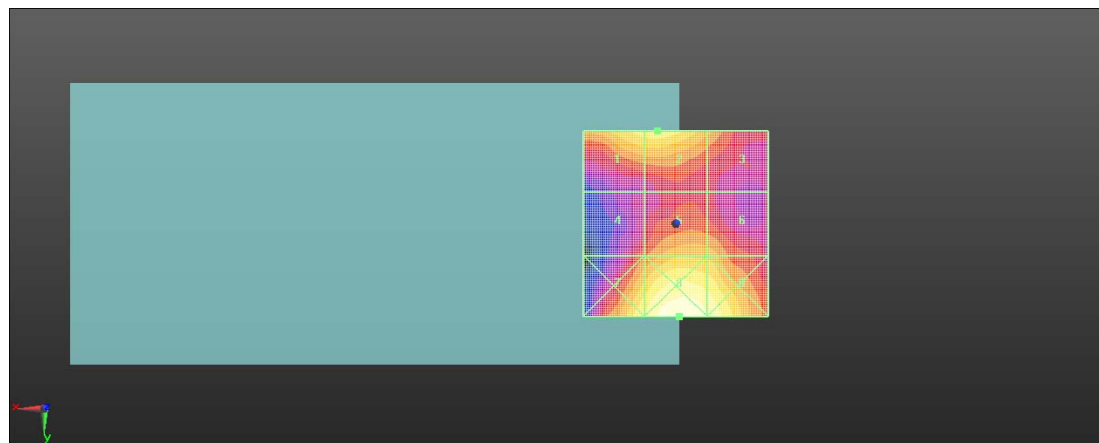
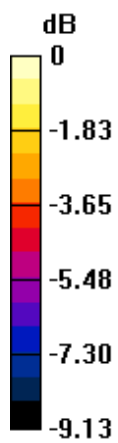
| | | |
|--|--|--|
| Grid 1 M4 23.5 dBV/m | Grid 2 M4 23.68 dBV/m | Grid 3 M4 22.22 dBV/m |
| Grid 4 M4 21.26 dBV/m | Grid 5 M4 22.53 dBV/m | Grid 6 M4 22.39 dBV/m |
| Grid 7 M4 24 dBV/m | Grid 8 M4 25 dBV/m | Grid 9 M4 24.45 dBV/m |

Cursor:

Total = 25.00 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 17.78 V/m = 25.00 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC10 RC1 SO3 476CH

DUT: BE2012; Type: Smart Phone; Serial: fe9b3115

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

Medium: Air; Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
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 = 16.74 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.05 dBV/m

Emission category: M4

MIF scaled E-field

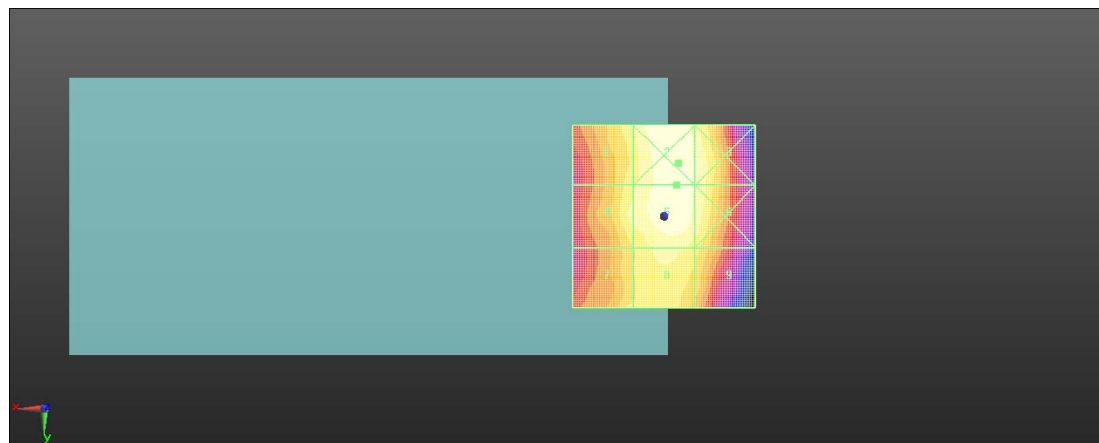
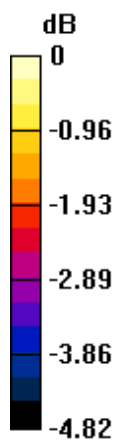
| | | |
|--|--|--|
| Grid 1 M4 24.42 dBV/m | Grid 2 M4 25.07 dBV/m | Grid 3 M4 24.85 dBV/m |
| Grid 4 M4 24.56 dBV/m | Grid 5 M4 25.05 dBV/m | Grid 6 M4 24.8 dBV/m |
| Grid 7 M4 24.21 dBV/m | Grid 8 M4 24.61 dBV/m | Grid 9 M4 24.28 dBV/m |

Cursor:

Total = 25.07 dBV/m

E Category: M4

Location: -4, -14.5, 7.7 mm



0 dB = 17.94 V/m = 25.07 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC10 RC1 SO3 580CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

Medium: Air; Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
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 = 38.84 V/m; Power Drift = -0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.57 dBV/m

Emission category: M4

MIF scaled E-field

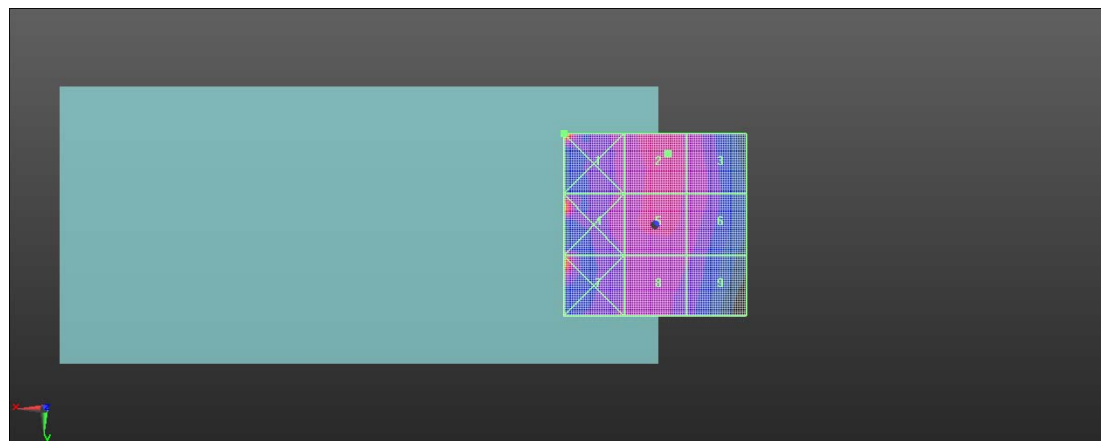
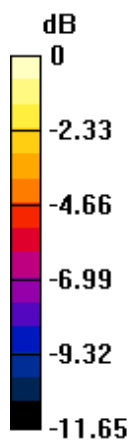
| | | |
|--|--|--|
| Grid 1 M4 32.25 dBV/m | Grid 2 M4 25.57 dBV/m | Grid 3 M4 25.25 dBV/m |
| Grid 4 M4 28.8 dBV/m | Grid 5 M4 25.52 dBV/m | Grid 6 M4 25.2 dBV/m |
| Grid 7 M4 28.85 dBV/m | Grid 8 M4 25.02 dBV/m | Grid 9 M4 24.69 dBV/m |

Cursor:

Total = 32.25 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



0 dB = 40.96 V/m = 32.25 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-CDMA BC10 RC1 SO3 684CH**DUT: BE2012; Type: Smart Phone; Serial: fe9b3115**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

Medium: Air; Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
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 = 17.72 V/m; Power Drift = -0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.62 dBV/m

Emission category: M4

MIF scaled E-field

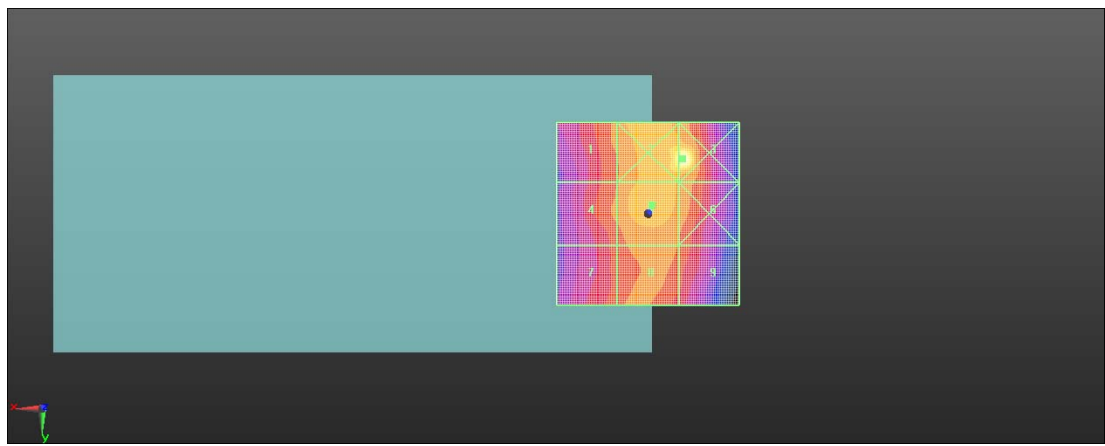
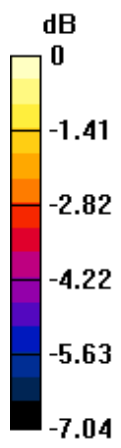
| | | |
|--|--|--|
| Grid 1 M4 25.04 dBV/m | Grid 2 M4 27.29 dBV/m | Grid 3 M4 27.67 dBV/m |
| Grid 4 M4 25.03 dBV/m | Grid 5 M4 25.62 dBV/m | Grid 6 M4 25.27 dBV/m |
| Grid 7 M4 24.66 dBV/m | Grid 8 M4 25.18 dBV/m | Grid 9 M4 24.82 dBV/m |

Cursor:

Total = 27.67 dBV/m

E Category: M4

Location: -9.5, -15, 7.7 mm



0 dB = 24.19 V/m = 27.67 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 38 20M QPSK 1RB0 37850CH

DUT: BE2012; Type: Smart Phone; Serial: fe100de

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 = 16.62 V/m; Power Drift = 0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.63 dBV/m

Emission category: M4

MIF scaled E-field

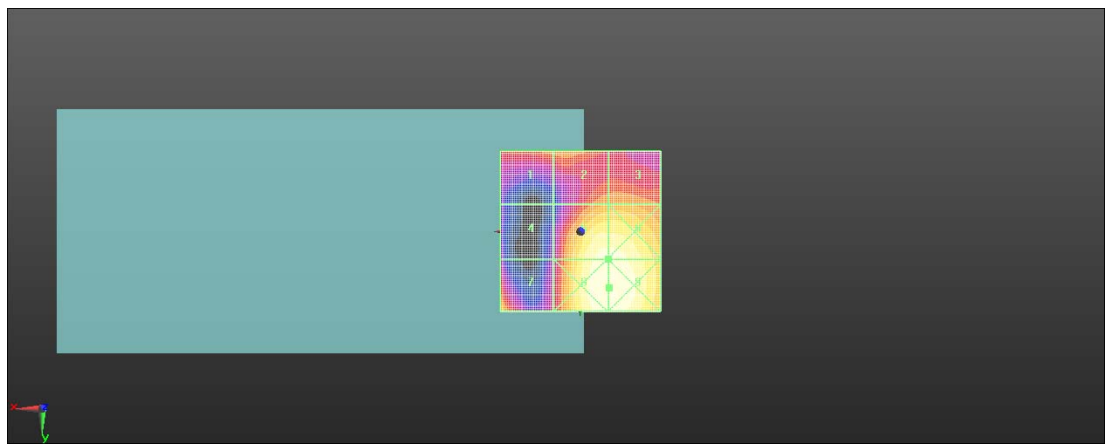
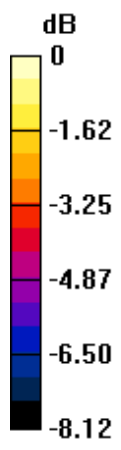
| | | |
|--|--|--|
| Grid 1 M4 20.05 dBV/m | Grid 2 M4 20.23 dBV/m | Grid 3 M4 20.32 dBV/m |
| Grid 4 M4 18.06 dBV/m | Grid 5 M4 22.63 dBV/m | Grid 6 M4 22.63 dBV/m |
| Grid 7 M4 21.06 dBV/m | Grid 8 M4 22.88 dBV/m | Grid 9 M4 22.89 dBV/m |

Cursor:

Total = 22.89 dBV/m

E Category: M4

Location: -9, 17.5, 7.7 mm



0 dB = 13.94 V/m = 22.89 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 38 20M QPSK 1RB99 38000CH**DUT: BE2012; Type: Smart Phone; Serial: fe100de**

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 = 16.03 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.40 dBV/m

Emission category: M4

MIF scaled E-field

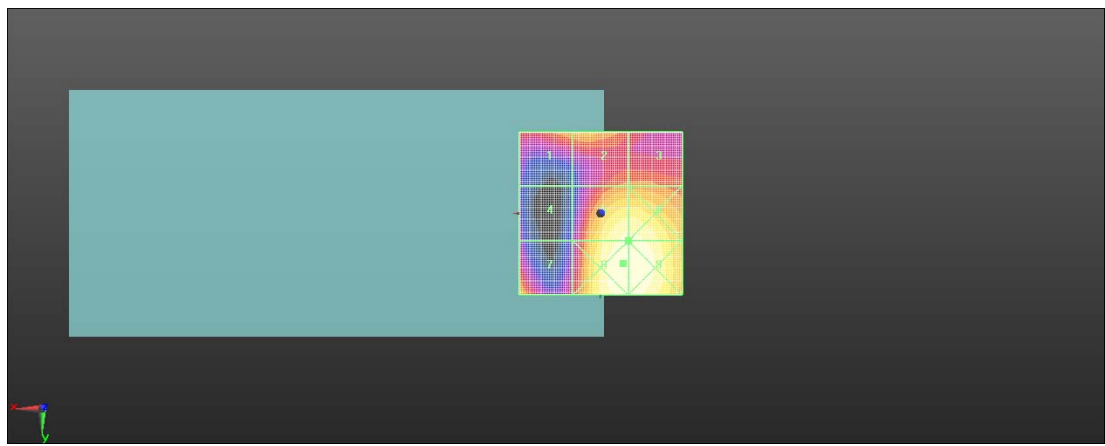
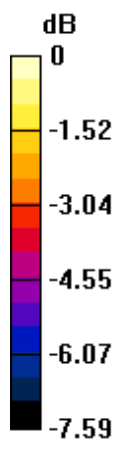
| | | |
|--|--|--|
| Grid 1 M4 20.35 dBV/m | Grid 2 M4 20.62 dBV/m | Grid 3 M4 19.93 dBV/m |
| Grid 4 M4 18.16 dBV/m | Grid 5 M4 22.4 dBV/m | Grid 6 M4 22.41 dBV/m |
| Grid 7 M4 20.94 dBV/m | Grid 8 M4 22.69 dBV/m | Grid 9 M4 22.68 dBV/m |

Cursor:

Total = 22.69 dBV/m

E Category: M4

Location: -7, 15.5, 7.7 mm



0 dB = 13.63 V/m = 22.69 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 38 20M QPSK 1RB0 38150CH

DUT: BE2012; Type: Smart Phone; Serial: fe100de

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 = 16.62 V/m; Power Drift = -0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.54 dBV/m

Emission category: M4

MIF scaled E-field

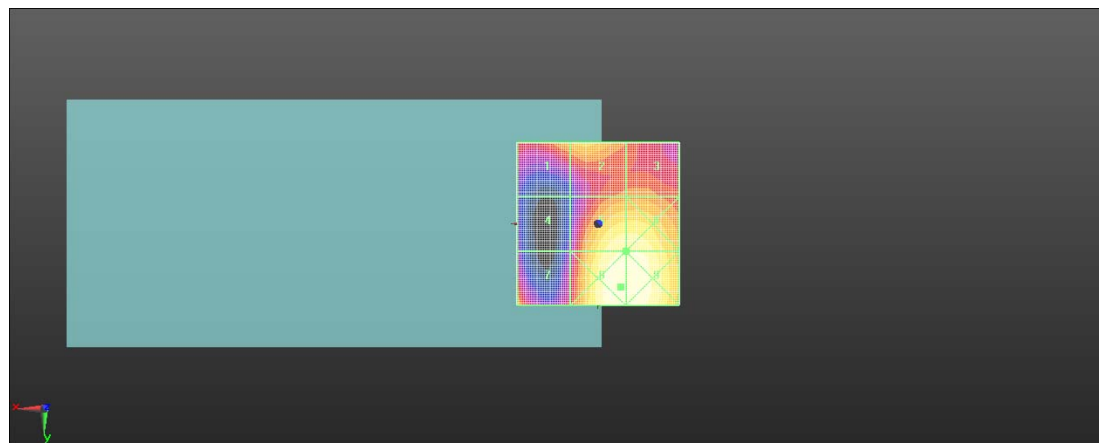
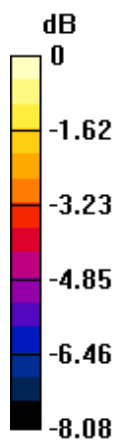
| | | |
|--|--|--|
| Grid 1 M4 20.9 dBV/m | Grid 2 M4 21.2 dBV/m | Grid 3 M4 20.2 dBV/m |
| Grid 4 M4 18.3 dBV/m | Grid 5 M4 22.54 dBV/m | Grid 6 M4 22.54 dBV/m |
| Grid 7 M4 20.89 dBV/m | Grid 8 M4 23.04 dBV/m | Grid 9 M4 23.03 dBV/m |

Cursor:

Total = 23.04 dBV/m

E Category: M4

Location: -7, 19.5, 7.7 mm



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

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 39750CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 13.06 V/m; Power Drift = 0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.61 dBV/m

Emission category: M4

MIF scaled E-field

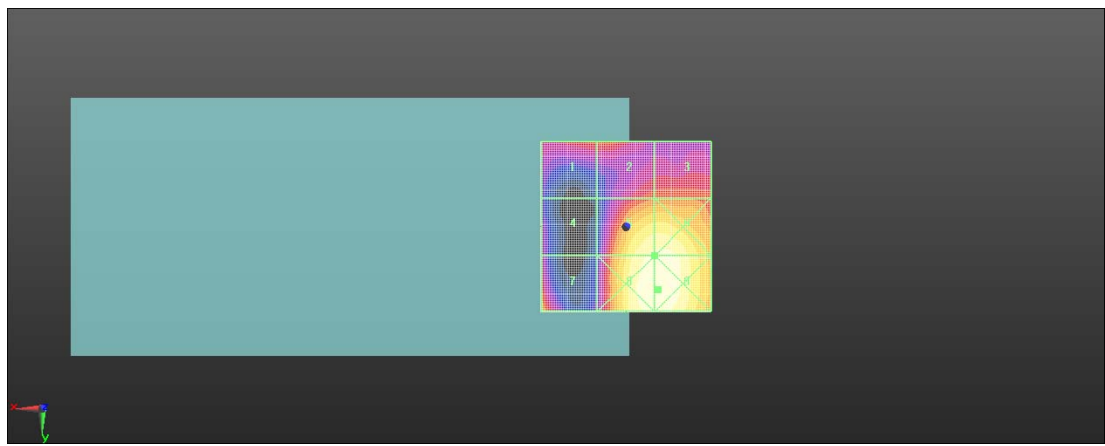
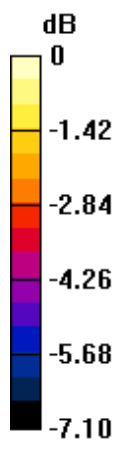
| | | |
|--|--|--|
| Grid 1 M4 17.94 dBV/m | Grid 2 M4 18.12 dBV/m | Grid 3 M4 18.21 dBV/m |
| Grid 4 M4 17.11 dBV/m | Grid 5 M4 20.61 dBV/m | Grid 6 M4 20.65 dBV/m |
| Grid 7 M4 19.18 dBV/m | Grid 8 M4 20.97 dBV/m | Grid 9 M4 20.99 dBV/m |

Cursor:

Total = 20.99 dBV/m

E Category: M4

Location: -9.5, 18.5, 7.7 mm



0 dB = 11.21 V/m = 20.99 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC3 20M QPSK 1RB99 40185CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 15.00 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.42 dBV/m

Emission category: M4

MIF scaled E-field

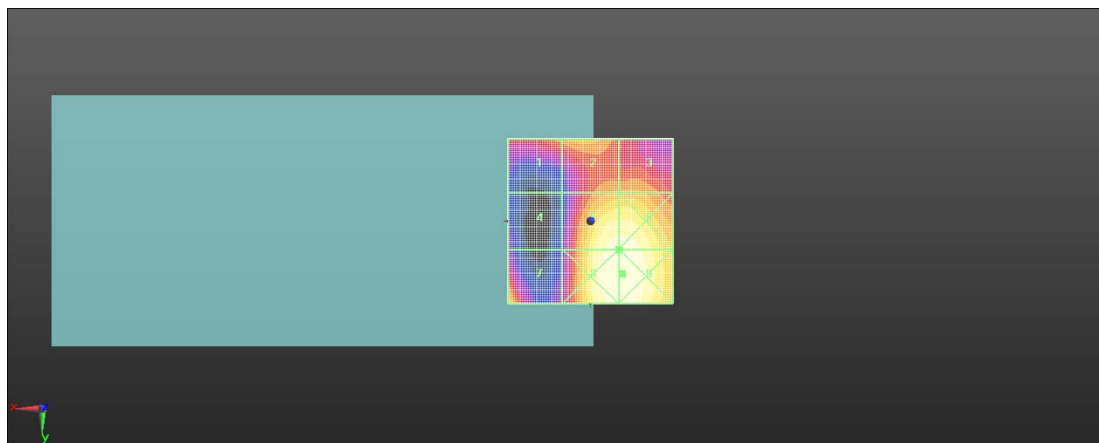
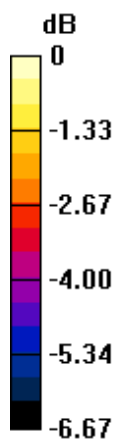
| | | |
|--|--|--|
| Grid 1 M4 19.34 dBV/m | Grid 2 M4 19.75 dBV/m | Grid 3 M4 19.56 dBV/m |
| Grid 4 M4 17.8 dBV/m | Grid 5 M4 21.42 dBV/m | Grid 6 M4 21.44 dBV/m |
| Grid 7 M4 20.48 dBV/m | Grid 8 M4 21.59 dBV/m | Grid 9 M4 21.6 dBV/m |

Cursor:

Total = 21.60 dBV/m

E Category: M4

Location: -9.5, 16, 7.7 mm



0 dB = 12.02 V/m = 21.60 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 40620CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 15.12 V/m; Power Drift = 0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.90 dBV/m

Emission category: M4

MIF scaled E-field

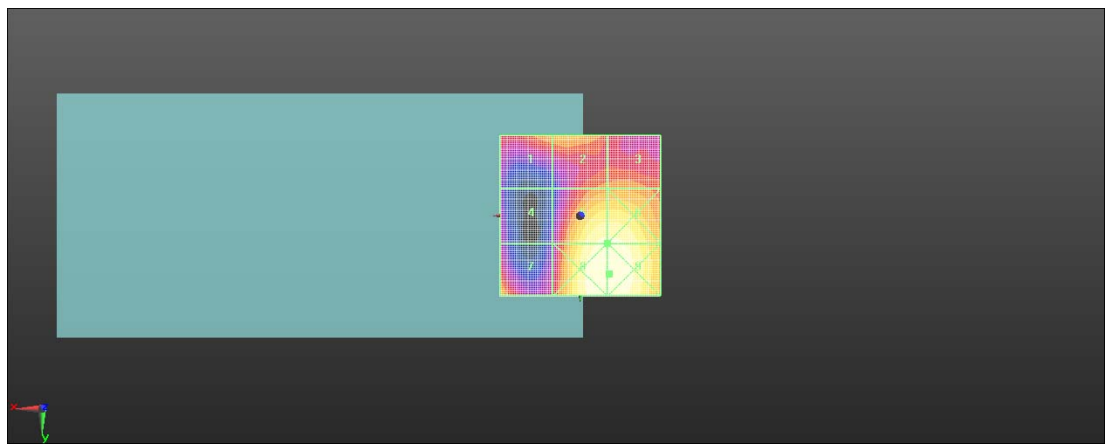
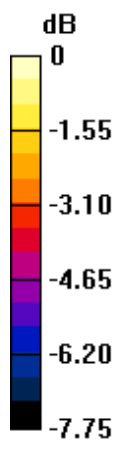
| | | |
|--|--|--|
| Grid 1 M4 19.96 dBV/m | Grid 2 M4 20.16 dBV/m | Grid 3 M4 19.61 dBV/m |
| Grid 4 M4 17.95 dBV/m | Grid 5 M4 21.9 dBV/m | Grid 6 M4 21.9 dBV/m |
| Grid 7 M4 20.55 dBV/m | Grid 8 M4 22.26 dBV/m | Grid 9 M4 22.26 dBV/m |

Cursor:

Total = 22.26 dBV/m

E Category: M4

Location: -9, 18, 7.7 mm



0 dB = 12.97 V/m = 22.26 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC3 20M QPSK 1RB50 41055CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 15.83 V/m; Power Drift = 0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.12 dBV/m

Emission category: M4

MIF scaled E-field

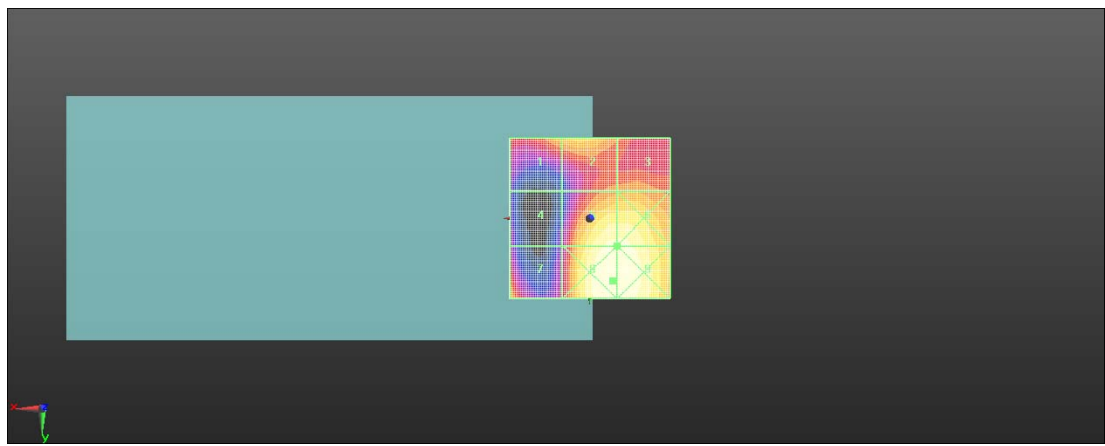
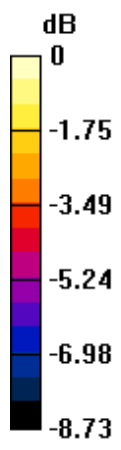
| | | |
|--|--|--|
| Grid 1 M4 20.09 dBV/m | Grid 2 M4 20.49 dBV/m | Grid 3 M4 19.53 dBV/m |
| Grid 4 M4 17.66 dBV/m | Grid 5 M4 22.12 dBV/m | Grid 6 M4 22.12 dBV/m |
| Grid 7 M4 20.41 dBV/m | Grid 8 M4 22.49 dBV/m | Grid 9 M4 22.48 dBV/m |

Cursor:

Total = 22.49 dBV/m

E Category: M4

Location: -7, 19.5, 7.7 mm



0 dB = 13.31 V/m = 22.48 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC3 20M QPSK 1RB50 41490CH

DUT: BE2012; Type: Smart Phone; Serial: 21da81ec

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: 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 = 15.06 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.07 dBV/m

Emission category: M4

MIF scaled E-field

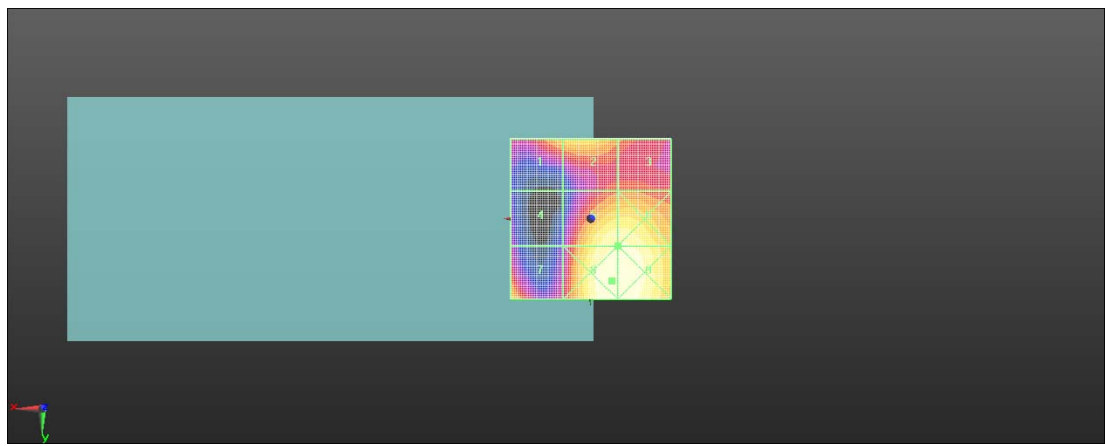
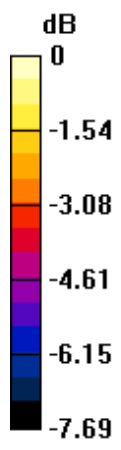
| | | |
|--|--|--|
| Grid 1 M4 20.62 dBV/m | Grid 2 M4 21.12 dBV/m | Grid 3 M4 19.73 dBV/m |
| Grid 4 M4 18.14 dBV/m | Grid 5 M4 22.07 dBV/m | Grid 6 M4 22.09 dBV/m |
| Grid 7 M4 20.98 dBV/m | Grid 8 M4 22.49 dBV/m | Grid 9 M4 22.45 dBV/m |

Cursor:

Total = 22.49 dBV/m

E Category: M4

Location: -6.5, 19.5, 7.7 mm



0 dB = 13.32 V/m = 22.49 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC2 20M QPSK 1RB99 39750CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 15.99 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.84 dBV/m

Emission category: M4

MIF scaled E-field

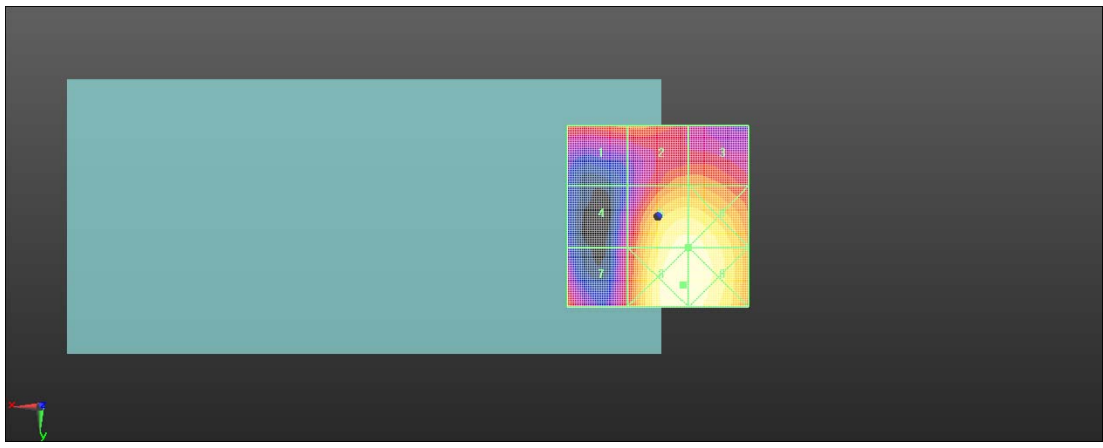
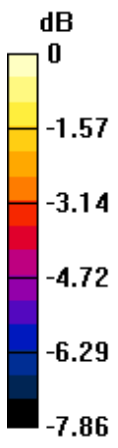
| | | |
|--|--|--|
| Grid 1 M4 19.17 dBV/m | Grid 2 M4 19.49 dBV/m | Grid 3 M4 19.5 dBV/m |
| Grid 4 M4 17.94 dBV/m | Grid 5 M4 21.84 dBV/m | Grid 6 M4 21.84 dBV/m |
| Grid 7 M4 19.34 dBV/m | Grid 8 M4 22.1 dBV/m | Grid 9 M4 22.08 dBV/m |

Cursor:

Total = 22.10 dBV/m

E Category: M4

Location: -7, 19, 7.7 mm



0 dB = 12.74 V/m = 22.10 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 40185CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 18.73 V/m; Power Drift = -0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.92 dBV/m

Emission category: M4

MIF scaled E-field

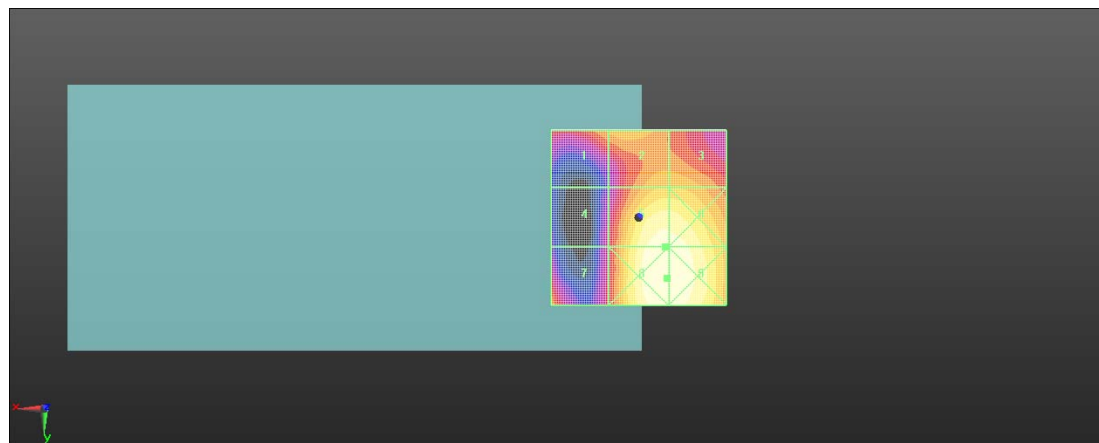
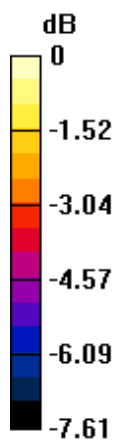
| | | |
|--|--|--|
| Grid 1 M4 20.75 dBV/m | Grid 2 M4 21.12 dBV/m | Grid 3 M4 21.11 dBV/m |
| Grid 4 M4 19.16 dBV/m | Grid 5 M4 22.92 dBV/m | Grid 6 M4 22.91 dBV/m |
| Grid 7 M4 20.75 dBV/m | Grid 8 M4 23.07 dBV/m | Grid 9 M4 23.07 dBV/m |

Cursor:

Total = 23.07 dBV/m

E Category: M4

Location: -8, 17.5, 7.7 mm



0 dB = 14.25 V/m = 23.07 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC2 20M QPSK 1RB99 40620CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 19.93 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.97 dBV/m

Emission category: M4

MIF scaled E-field

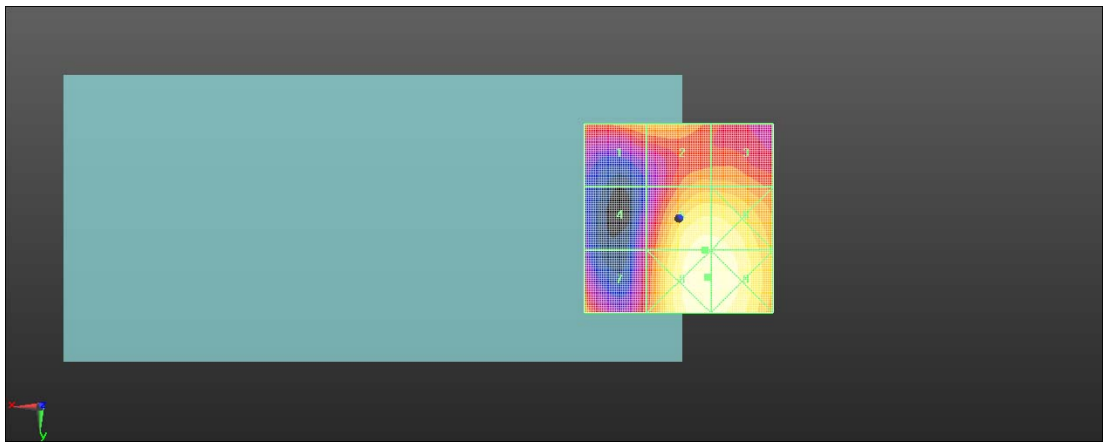
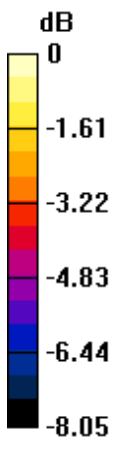
| | | |
|--|--|--|
| Grid 1 M4 21.78 dBV/m | Grid 2 M4 21.96 dBV/m | Grid 3 M4 21.79 dBV/m |
| Grid 4 M4 20 dBV/m | Grid 5 M4 23.97 dBV/m | Grid 6 M4 23.95 dBV/m |
| Grid 7 M4 21.82 dBV/m | Grid 8 M4 24.19 dBV/m | Grid 9 M4 24.18 dBV/m |

Cursor:

Total = 24.19 dBV/m

E Category: M4

Location: -7.5, 15.5, 7.7 mm



0 dB = 16.20 V/m = 24.19 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC2 20M QPSK 1RB99 41055CH**DUT: BE2012; Type: Smart Phone; Serial: 21da81ec**

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: 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 = 20.58 V/m; Power Drift = 0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.32 dBV/m

Emission category: M4

MIF scaled E-field

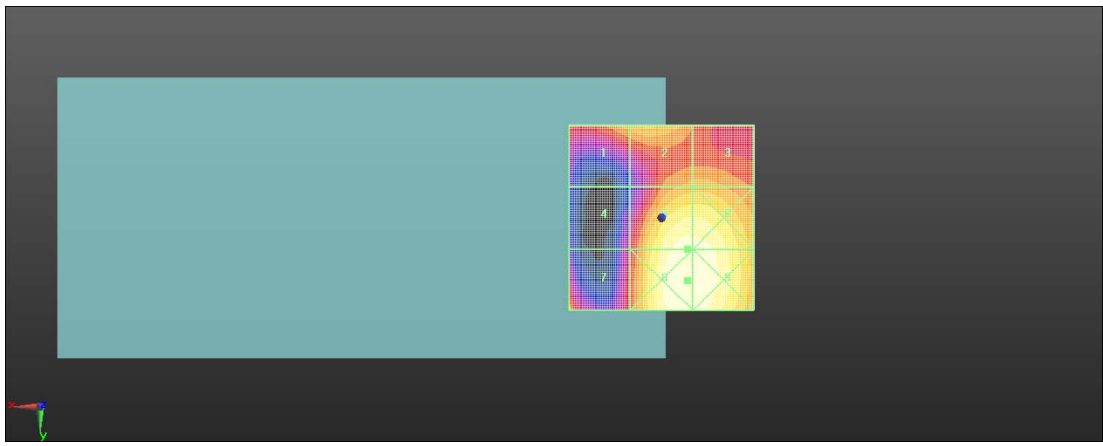
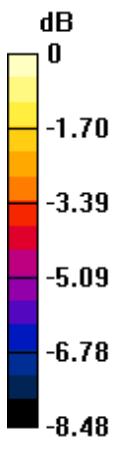
| | | |
|--|--|--|
| Grid 1 M4 22.21 dBV/m | Grid 2 M4 22.52 dBV/m | Grid 3 M4 22.09 dBV/m |
| Grid 4 M4 20.18 dBV/m | Grid 5 M4 24.32 dBV/m | Grid 6 M4 24.31 dBV/m |
| Grid 7 M4 21.85 dBV/m | Grid 8 M4 24.57 dBV/m | Grid 9 M4 24.55 dBV/m |

Cursor:

Total = 24.57 dBV/m

E Category: M4

Location: -7, 17, 7.7 mm



0 dB = 16.93 V/m = 24.57 dBV/m

Test Laboratory: SGS-SAR Lab

BE2012 HAC-RF-LTE Band 41 PC2 20M QPSK 1RB99 41490CH

DUT: BE2012; Type: Smart Phone; Serial: 21da81ec

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: 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 = 17.54 V/m; Power Drift = -0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.70 dBV/m

Emission category: M4

MIF scaled E-field

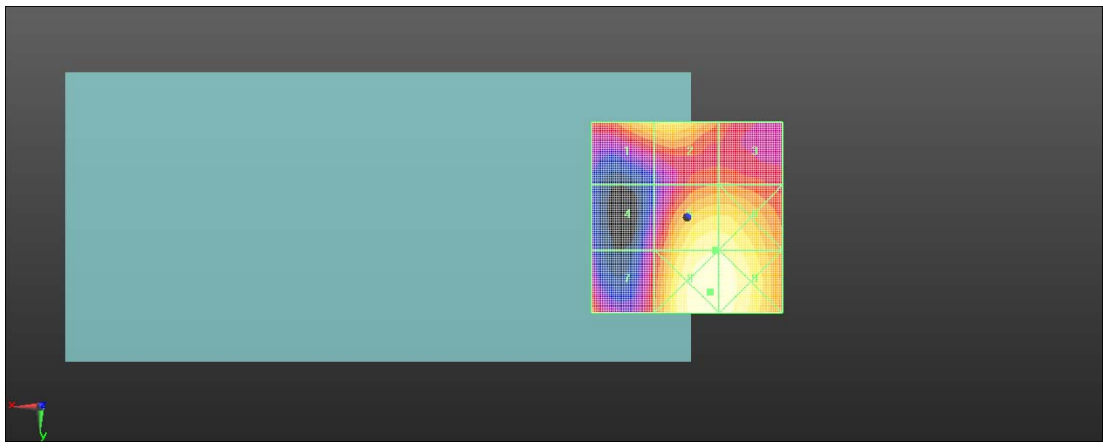
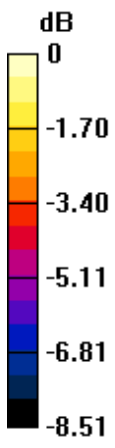
| | | |
|--|--|--|
| Grid 1 M4 21.61 dBV/m | Grid 2 M4 21.81 dBV/m | Grid 3 M4 20.05 dBV/m |
| Grid 4 M4 18.88 dBV/m | Grid 5 M4 22.7 dBV/m | Grid 6 M4 22.69 dBV/m |
| Grid 7 M4 20.49 dBV/m | Grid 8 M4 23.31 dBV/m | Grid 9 M4 23.21 dBV/m |

Cursor:

Total = 23.31 dBV/m

E Category: M4

Location: -6, 19.5, 7.7 mm



0 dB = 14.64 V/m = 23.31 dBV/m