



Appendix B. SAR Measurement Plots

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HAC RF Measurement plots of GSM850
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Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM850-128CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

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

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/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 = 47.74 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.52 dBV/m	Grid 2 M4 35.57 dBV/m	Grid 3 M4 35.57 dBV/m
Grid 4 M4 33.82 dBV/m	Grid 5 M4 35.66 dBV/m	Grid 6 M4 35.66 dBV/m
Grid 7 M4 34.27 dBV/m	Grid 8 M4 35.54 dBV/m	Grid 9 M4 35.54 dBV/m

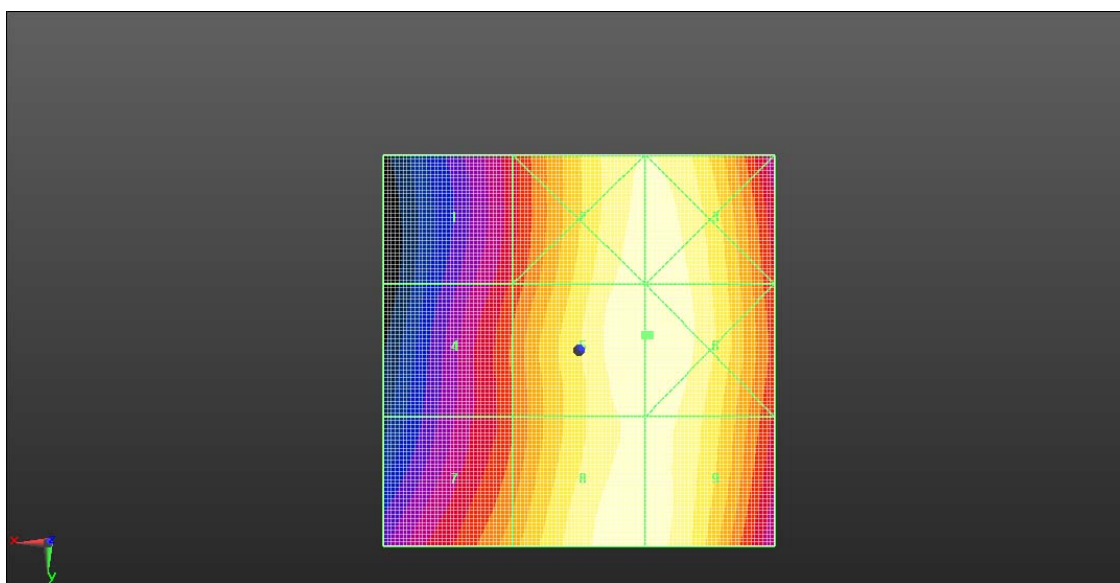
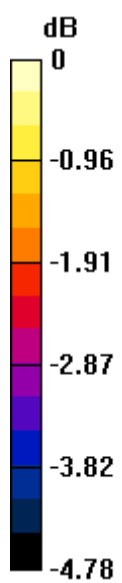
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 35.66 dBV/m

E Category: M4

Location: -9, -2, 8.7 mm



0 dB = 60.68 V/m = 35.66 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM850-190CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

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

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/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 = 49.22 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.8 dBV/m	Grid 2 M4 35.87 dBV/m	Grid 3 M4 35.89 dBV/m
Grid 4 M4 34.09 dBV/m	Grid 5 M4 35.98 dBV/m	Grid 6 M4 35.98 dBV/m
Grid 7 M4 34.52 dBV/m	Grid 8 M4 35.86 dBV/m	Grid 9 M4 35.86 dBV/m

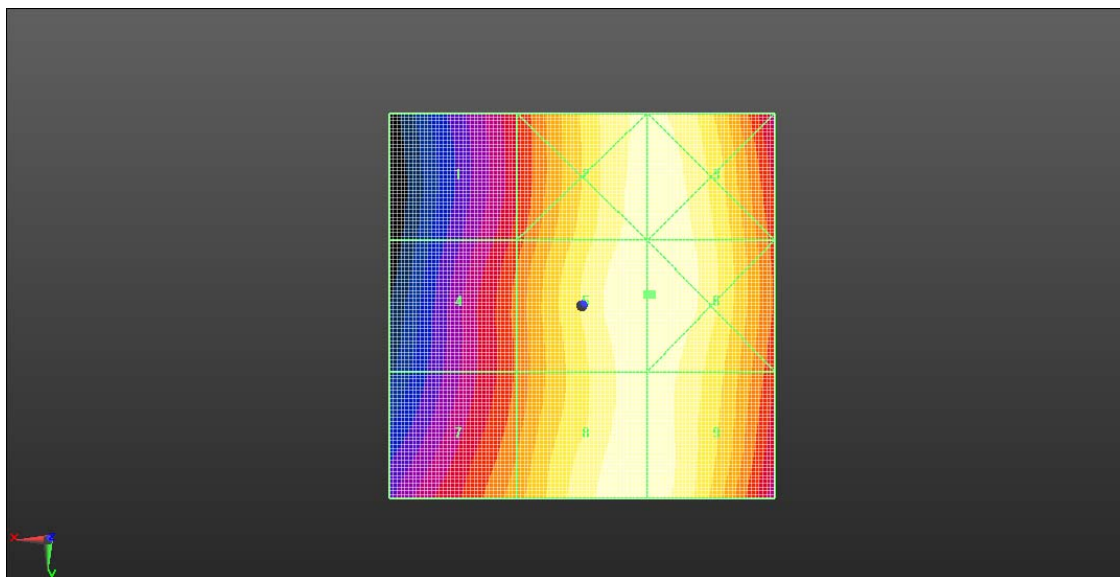
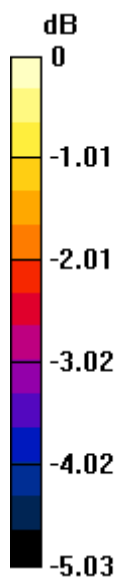
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 35.98 dBV/m

E Category: M4

Location: -9, -1.5, 8.7 mm



0 dB = 62.95 V/m = 35.98 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM850-251CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/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 = 51.36 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.07 dBV/m	Grid 2 M4 36.31 dBV/m	Grid 3 M4 36.32 dBV/m
Grid 4 M4 34.4 dBV/m	Grid 5 M4 36.42 dBV/m	Grid 6 M4 36.43 dBV/m
Grid 7 M4 34.97 dBV/m	Grid 8 M4 36.32 dBV/m	Grid 9 M4 36.32 dBV/m

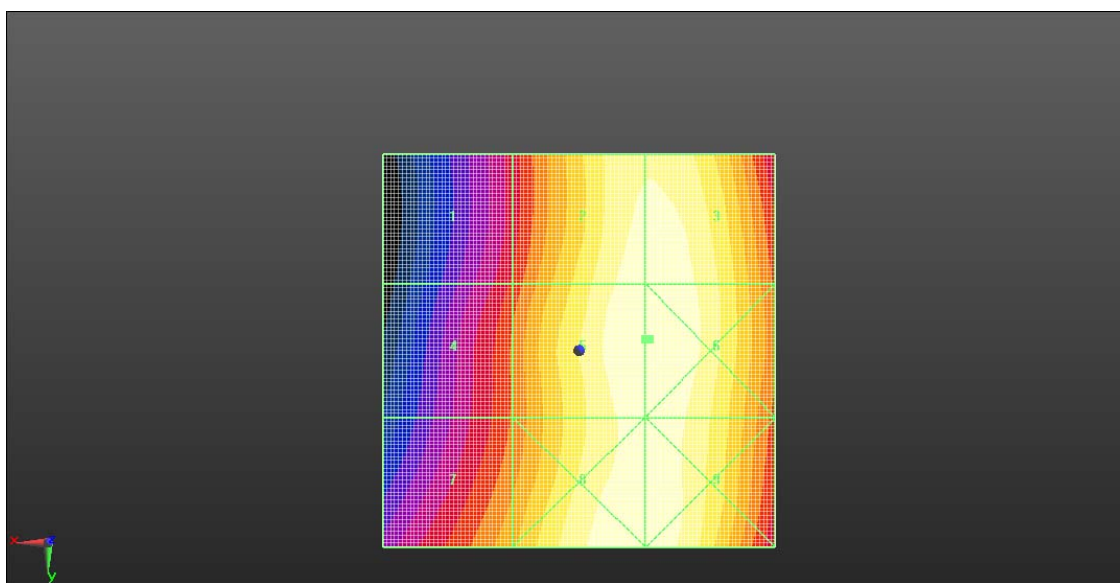
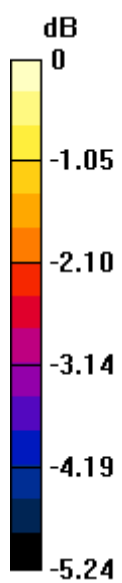
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 36.43 dBV/m

E Category: M4

Location: -9, -1.5, 8.7 mm



0 dB = 66.26 V/m = 36.43 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM850-251CH-with Battery 2

DUT: H1711; Type: Smart Phone; Serial: SAR1

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/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 = 52.31 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.2 dBV/m	Grid 2 M4 36.43 dBV/m	Grid 3 M4 36.44 dBV/m
Grid 4 M4 34.41 dBV/m	Grid 5 M4 36.52 dBV/m	Grid 6 M4 36.53 dBV/m
Grid 7 M4 34.86 dBV/m	Grid 8 M4 36.38 dBV/m	Grid 9 M4 36.38 dBV/m

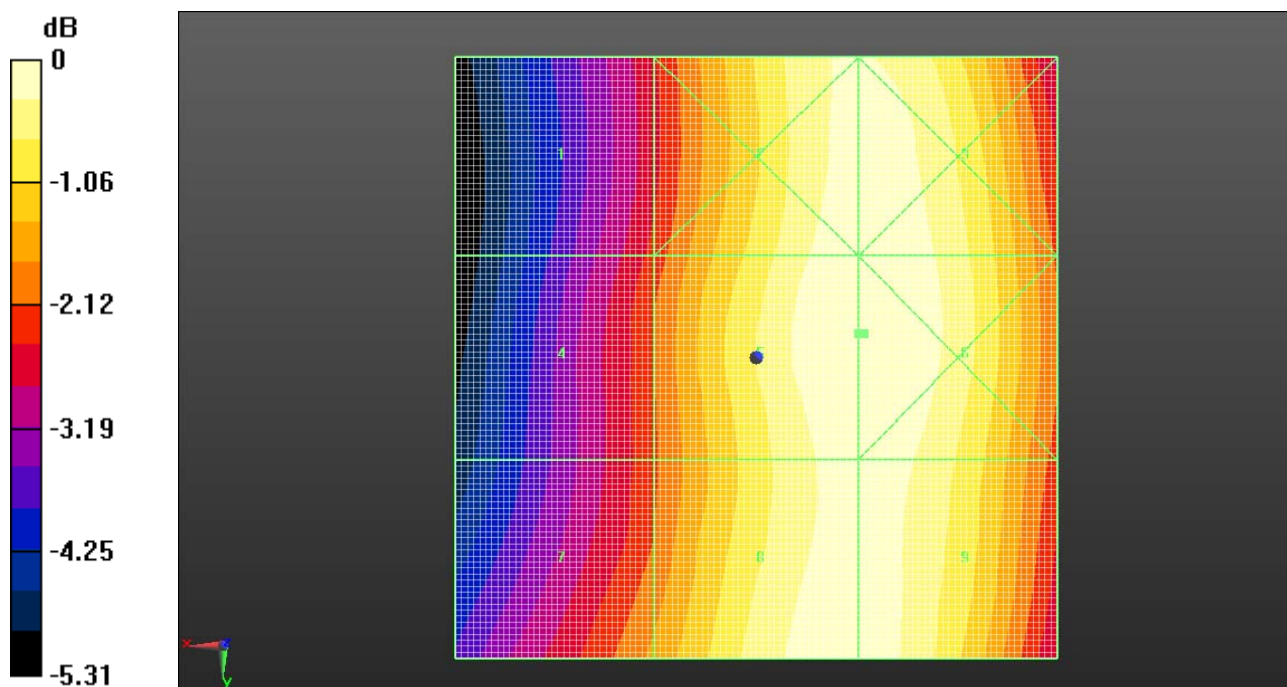
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 36.53 dBV/m

E Category: M4

Location: -9, -2, 8.7 mm



0 dB = 67.05 V/m = 36.53 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM1900-512CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

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

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/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 = 26.67 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.95 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.02 dBV/m	Grid 2 M3 31.83 dBV/m	Grid 3 M3 31.93 dBV/m
Grid 4 M4 27.32 dBV/m	Grid 5 M3 31.95 dBV/m	Grid 6 M3 32.05 dBV/m
Grid 7 M4 26.67 dBV/m	Grid 8 M3 31.35 dBV/m	Grid 9 M3 31.47 dBV/m

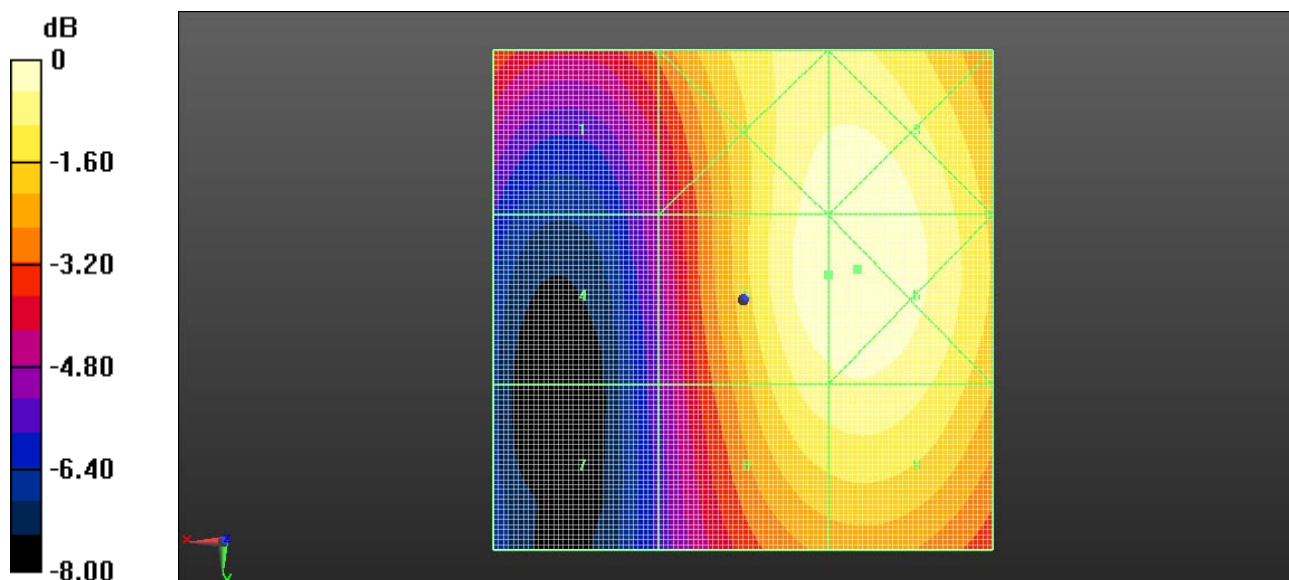
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 32.05 dBV/m

E Category: M3

Location: -11.5, -3, 8.7 mm



0 dB = 40.04 V/m = 32.05 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM1900-661CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

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

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/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 = 26.58 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.02 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.82 dBV/m	Grid 2 M3 31.73 dBV/m	Grid 3 M3 31.89 dBV/m
Grid 4 M4 26.72 dBV/m	Grid 5 M3 32.02 dBV/m	Grid 6 M3 32.2 dBV/m
Grid 7 M4 26.84 dBV/m	Grid 8 M3 31.7 dBV/m	Grid 9 M3 31.92 dBV/m

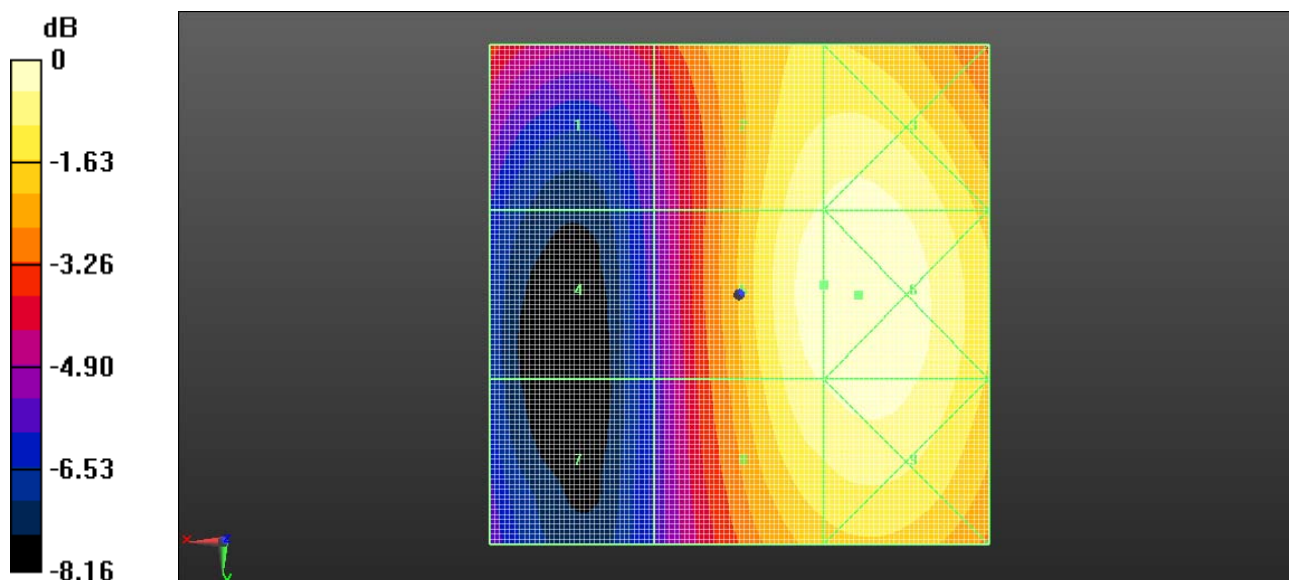
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 32.20 dBV/m

E Category: M3

Location: -12, 0, 8.7 mm



Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM1900-810CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

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

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.13 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.22 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.26 dBV/m	Grid 2 M3 30.87 dBV/m	Grid 3 M3 31.09 dBV/m
Grid 4 M4 25.99 dBV/m	Grid 5 M3 31.22 dBV/m	Grid 6 M3 31.48 dBV/m
Grid 7 M4 27.03 dBV/m	Grid 8 M3 31.03 dBV/m	Grid 9 M3 31.32 dBV/m

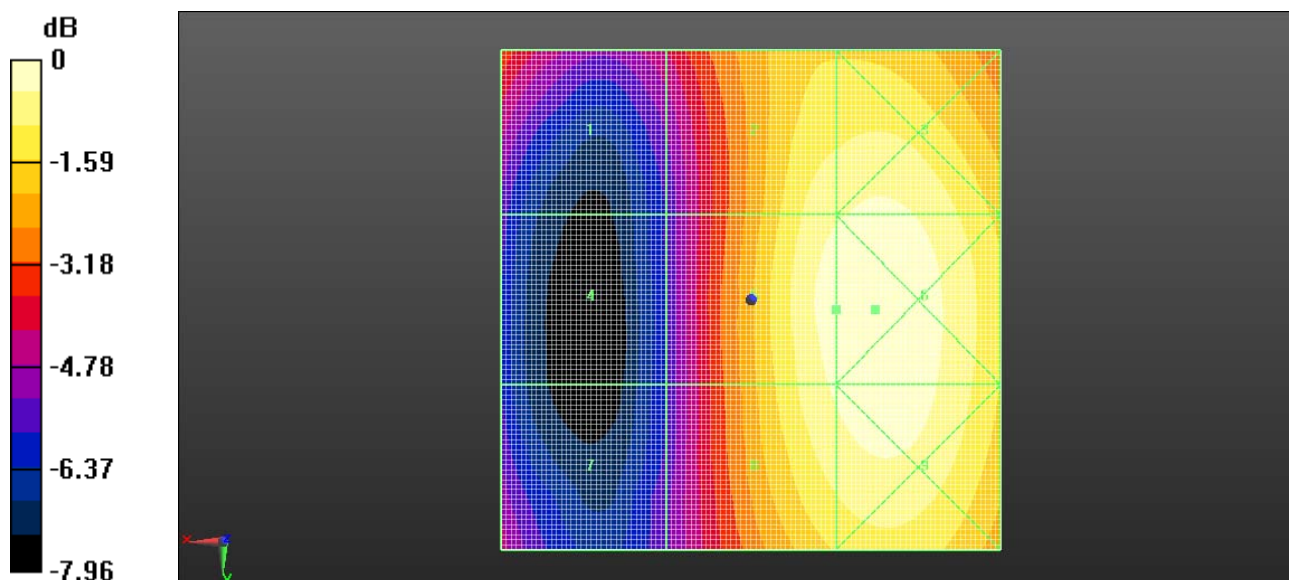
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 31.48 dBV/m

E Category: M3

Location: -12.5, 1, 8.7 mm



0 dB = 37.48 V/m = 31.48 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-GSM1900-661CH-with Battery 2

DUT: H1711; Type: Smart Phone; Serial: SAR1

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

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.35 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.09 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.76 dBV/m	Grid 2 M3 30.65 dBV/m	Grid 3 M3 30.92 dBV/m
Grid 4 M4 26.51 dBV/m	Grid 5 M3 31.09 dBV/m	Grid 6 M3 31.42 dBV/m
Grid 7 M4 26.57 dBV/m	Grid 8 M3 31.04 dBV/m	Grid 9 M3 31.38 dBV/m

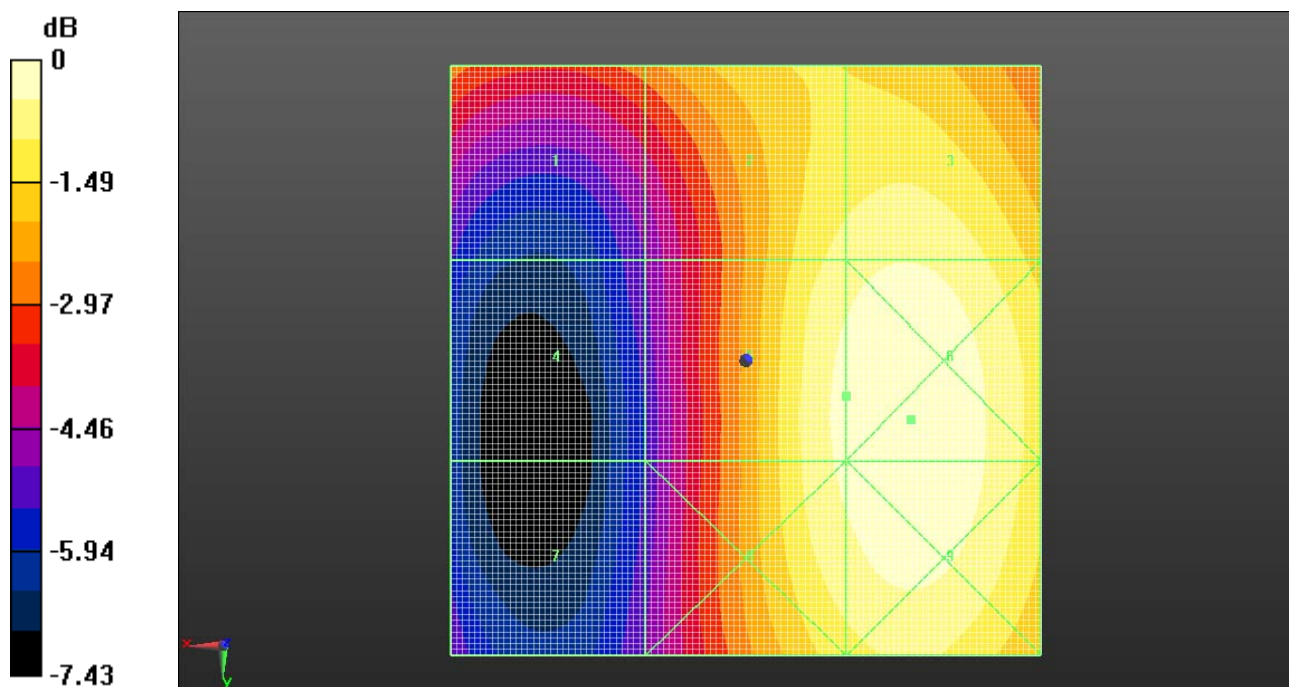
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 31.42 dBV/m

E Category: M3

Location: -14, 5, 8.7 mm



0 dB = 37.26 V/m = 31.42 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-wifi2.4G 802.11g 54M 1CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2412 MHz; Duty Cycle: 1:12.5893

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.35 V/m; Power Drift = -0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.61 dBV/m	Grid 2 M4 24.49 dBV/m	Grid 3 M4 24.59 dBV/m
Grid 4 M4 21.45 dBV/m	Grid 5 M4 26.96 dBV/m	Grid 6 M4 26.96 dBV/m
Grid 7 M4 22.65 dBV/m	Grid 8 M4 27.27 dBV/m	Grid 9 M4 27.22 dBV/m

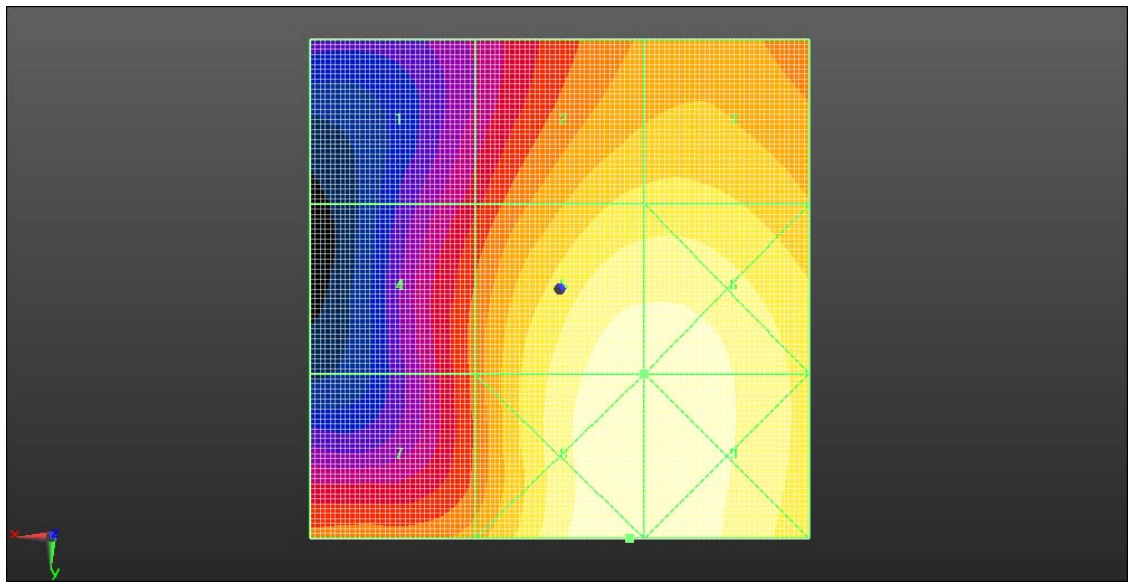
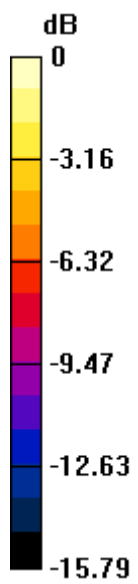
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 27.27 dBV/m

E Category: M4

Location: -7, 25, 8.7 mm



0 dB = 23.08 V/m = 27.26 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-wifi2.4G 802.11g 54M 6CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2437 MHz; Duty Cycle: 1:12.5893

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/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 = 21.60 V/m; Power Drift = 0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.23 dBV/m	Grid 2 M4 23.98 dBV/m	Grid 3 M4 24.1 dBV/m
Grid 4 M4 21 dBV/m	Grid 5 M4 26.33 dBV/m	Grid 6 M4 26.33 dBV/m
Grid 7 M4 21.43 dBV/m	Grid 8 M4 26.48 dBV/m	Grid 9 M4 26.47 dBV/m

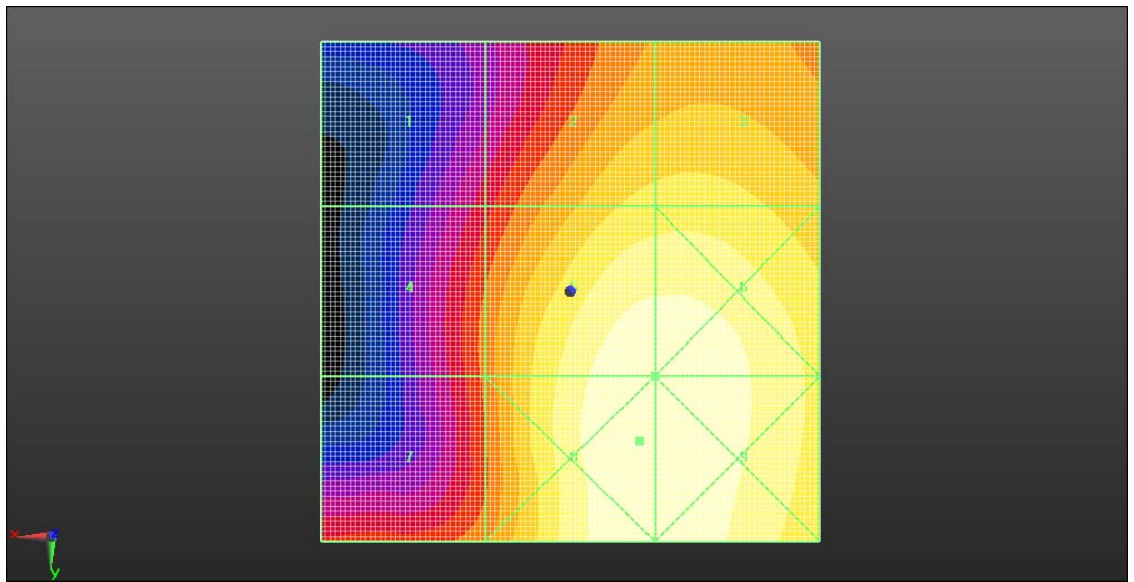
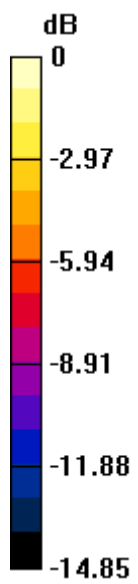
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 26.48 dBV/m

E Category: M4

Location: -7, 15, 8.7 mm



0 dB = 21.10 V/m = 26.49 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-wifi2.4G 802.11g 54M 11CH

DUT: H1711; Type: Smart Phone; Serial: SAR1

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2462 MHz; Duty Cycle: 1:12.5893

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.19 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.78 dBV/m	Grid 2 M4 25.16 dBV/m	Grid 3 M4 25.24 dBV/m
Grid 4 M4 22.56 dBV/m	Grid 5 M4 27.44 dBV/m	Grid 6 M4 27.44 dBV/m
Grid 7 M4 22.52 dBV/m	Grid 8 M4 27.64 dBV/m	Grid 9 M4 27.58 dBV/m

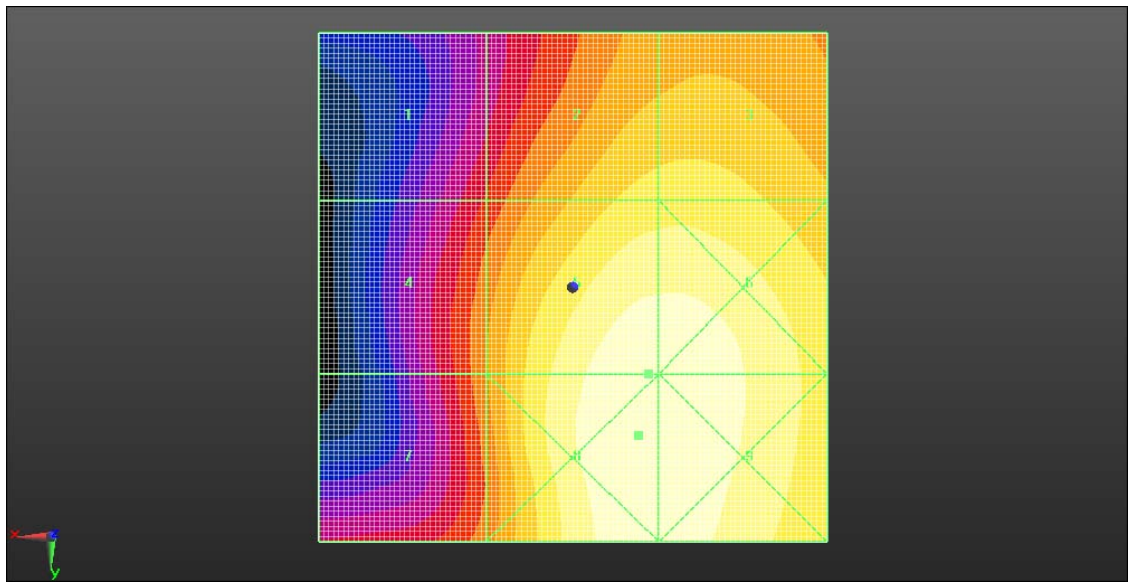
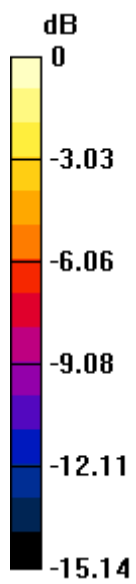
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 27.64 dBV/m

E Category: M4

Location: -6.5, 14.5, 8.7 mm



0 dB = 24.10 V/m = 27.64 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC_ER3DV6_H1711-wifi2.4G 802.11g 54M 11CH-with Battery2

DUT: H1711; Type: Smart Phone; Serial: SAR1

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2462 MHz; Duty Cycle: 1:12.5893

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

Phantom section: RF Section

DASY Configuration:

- ε Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2016-11-23;
- ε Sensor-Surface: (Fix Surface), z = 8.7
- ε Electronics: DAE4 Sn851; Calibrated: 2016-7-22
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.94 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.79 dBV/m	Grid 2 M4 24.44 dBV/m	Grid 3 M4 24.54 dBV/m
Grid 4 M4 21.46 dBV/m	Grid 5 M4 26.63 dBV/m	Grid 6 M4 26.63 dBV/m
Grid 7 M4 22.02 dBV/m	Grid 8 M4 26.74 dBV/m	Grid 9 M4 26.73 dBV/m

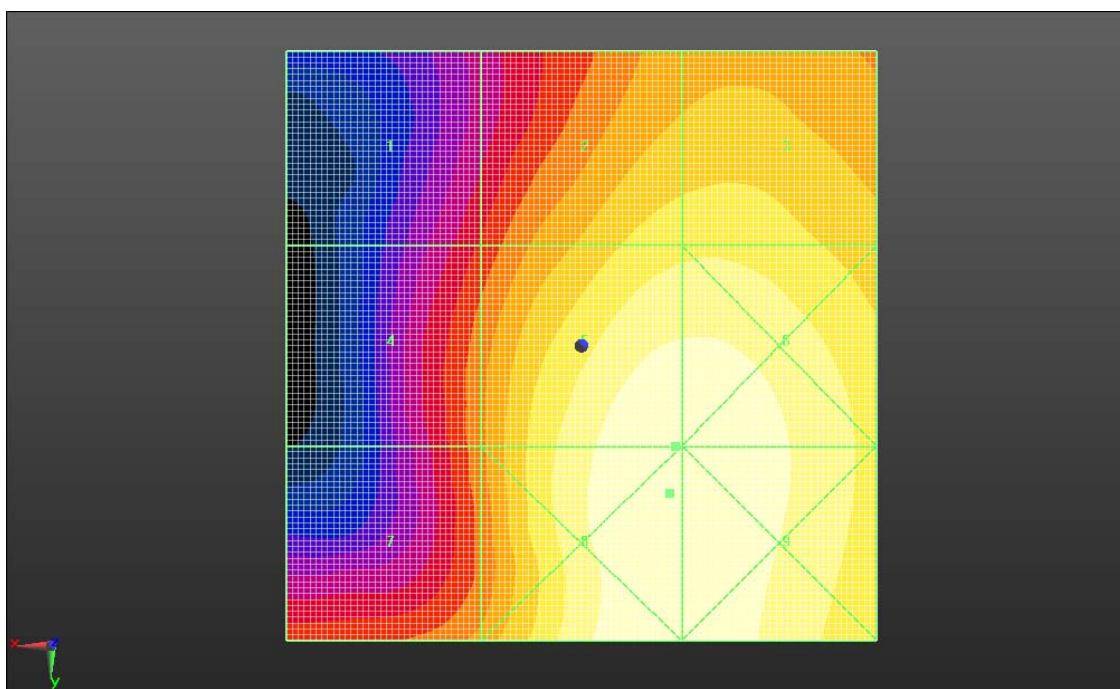
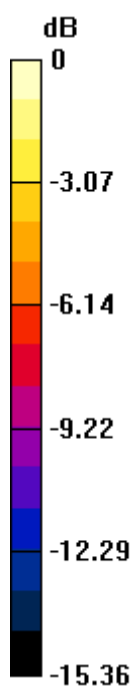
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 26.74 dBV/m

E Category: M4

Location: -7.5, 12.5, 8.7 mm



0 dB = 21.74 V/m = 26.75 dBV/m