HAC-RF Emission

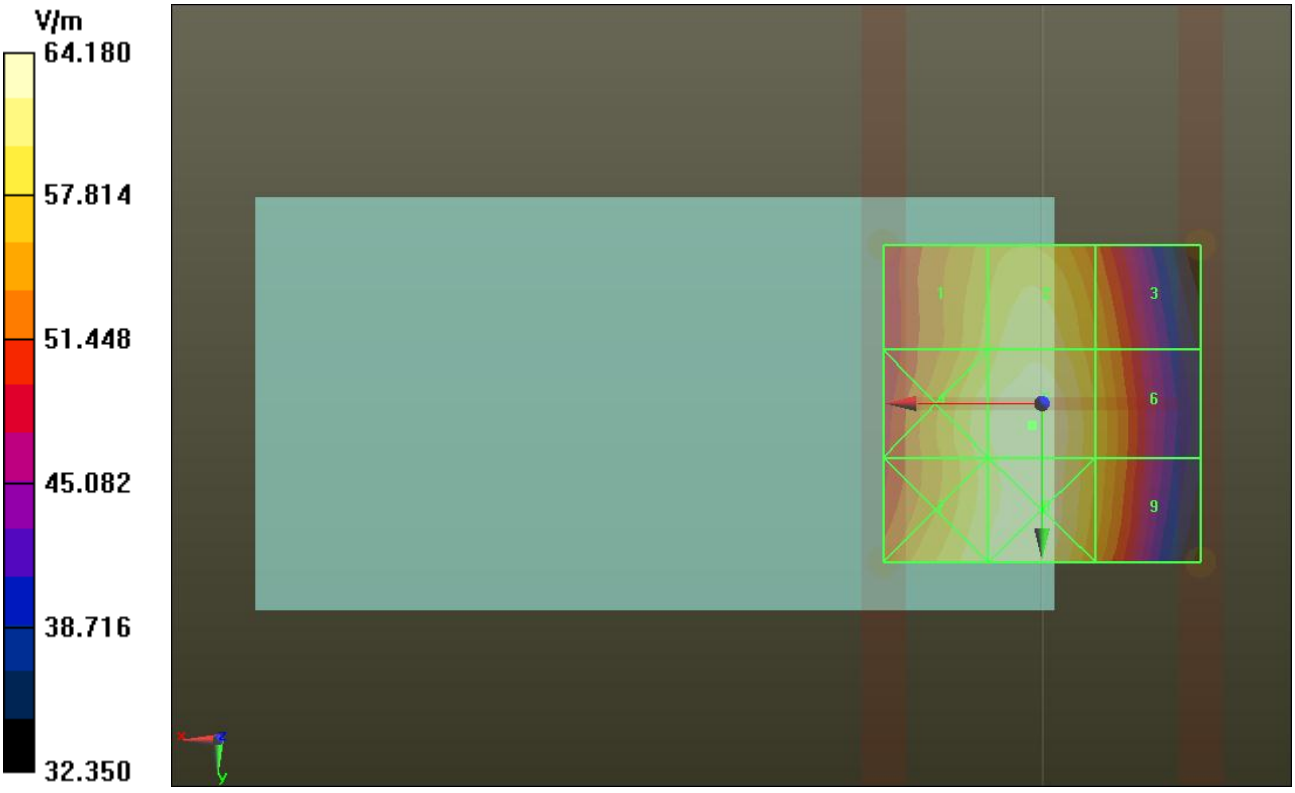
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

GSM850 E-Field measurement/Voice_ch 128/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 = 56.14 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.4 dBV/m**	Grid 2 **M4** **35.8 dBV/m**	Grid 3 **M4** **34.99 dBV/m**
Grid 4 **M4** **35.83 dBV/m**	Grid 5 **M4** **36.15 dBV/m**	Grid 6 **M4** **35.26 dBV/m**
Grid 7 **M4** **35.87 dBV/m**	Grid 8 **M4** **36.09 dBV/m**	Grid 9 **M4** **35.23 dBV/m**



HAC-RF Emission

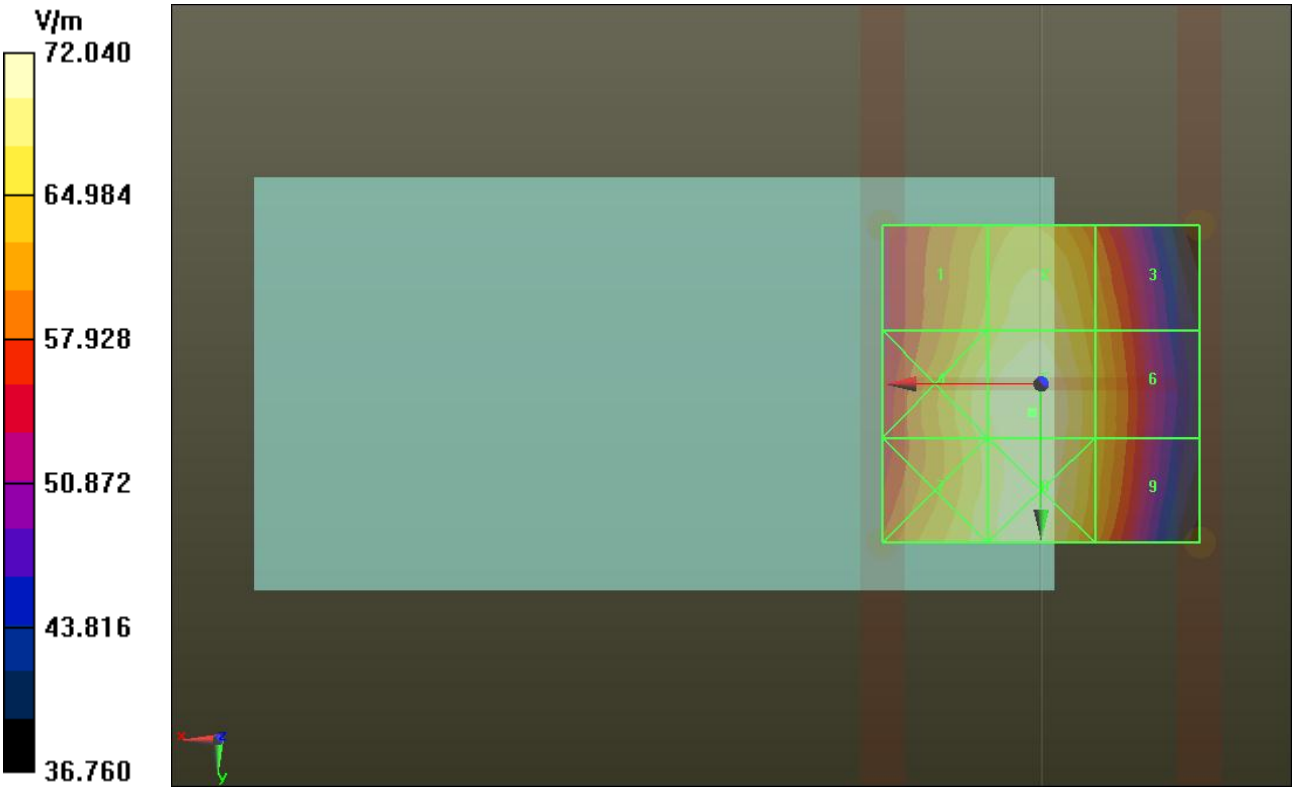
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

GSM850 E-Field measurement/Voice_ch 190/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 = 63.33 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.39 dBV/m**	Grid 2 **M4** **36.83 dBV/m**	Grid 3 **M4** **36.03 dBV/m**
Grid 4 **M4** **36.82 dBV/m**	Grid 5 **M4** **37.15 dBV/m**	Grid 6 **M4** **36.25 dBV/m**
Grid 7 **M4** **36.76 dBV/m**	Grid 8 **M4** **37.07 dBV/m**	Grid 9 **M4** **36.22 dBV/m**



HAC-RF Emission

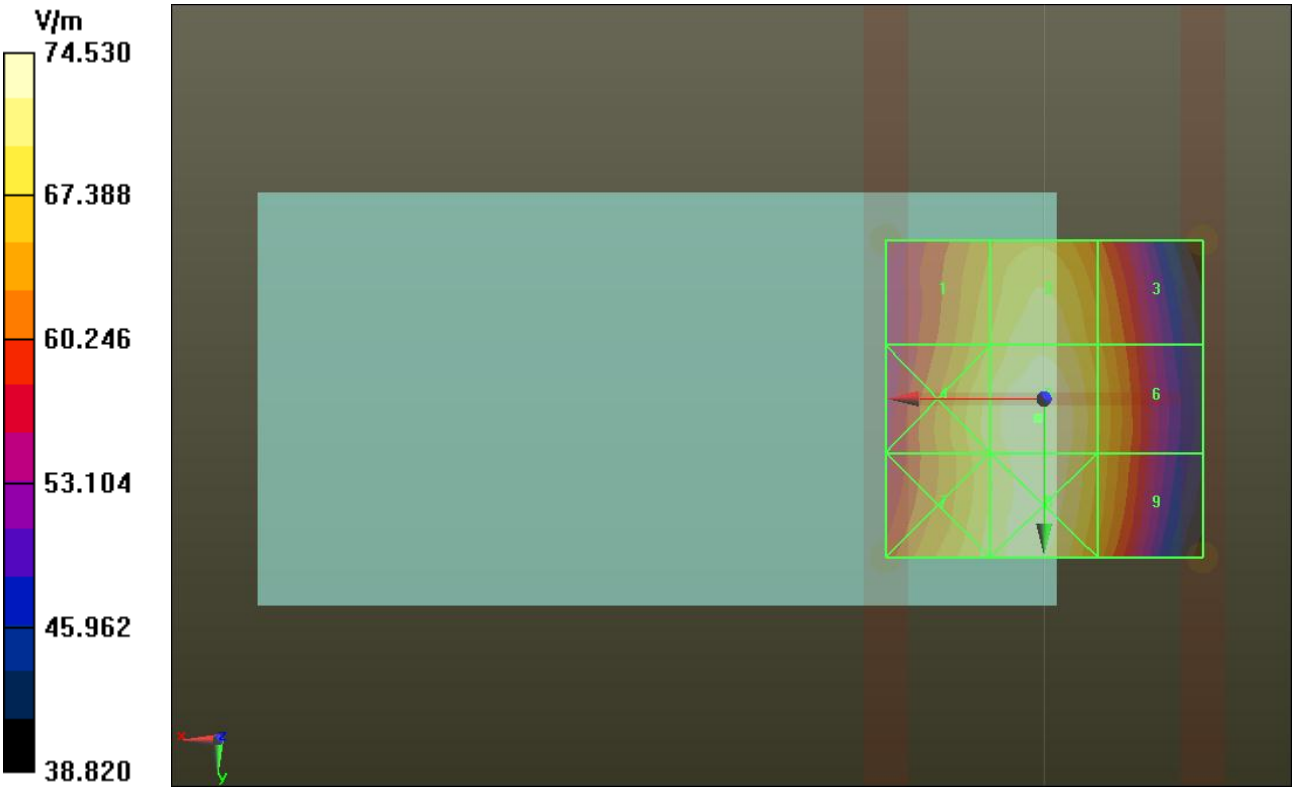
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

GSM850 E-Field measurement/Voice_ch 251/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 = 64.72 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.61 dBV/m**	Grid 2 **M4** **37.12 dBV/m**	Grid 3 **M4** **36.36 dBV/m**
Grid 4 **M4** **37.02 dBV/m**	Grid 5 **M4** **37.45 dBV/m**	Grid 6 **M4** **36.63 dBV/m**
Grid 7 **M4** **37 dBV/m**	Grid 8 **M4** **37.37 dBV/m**	Grid 9 **M4** **36.56 dBV/m**



HAC-RF Emission

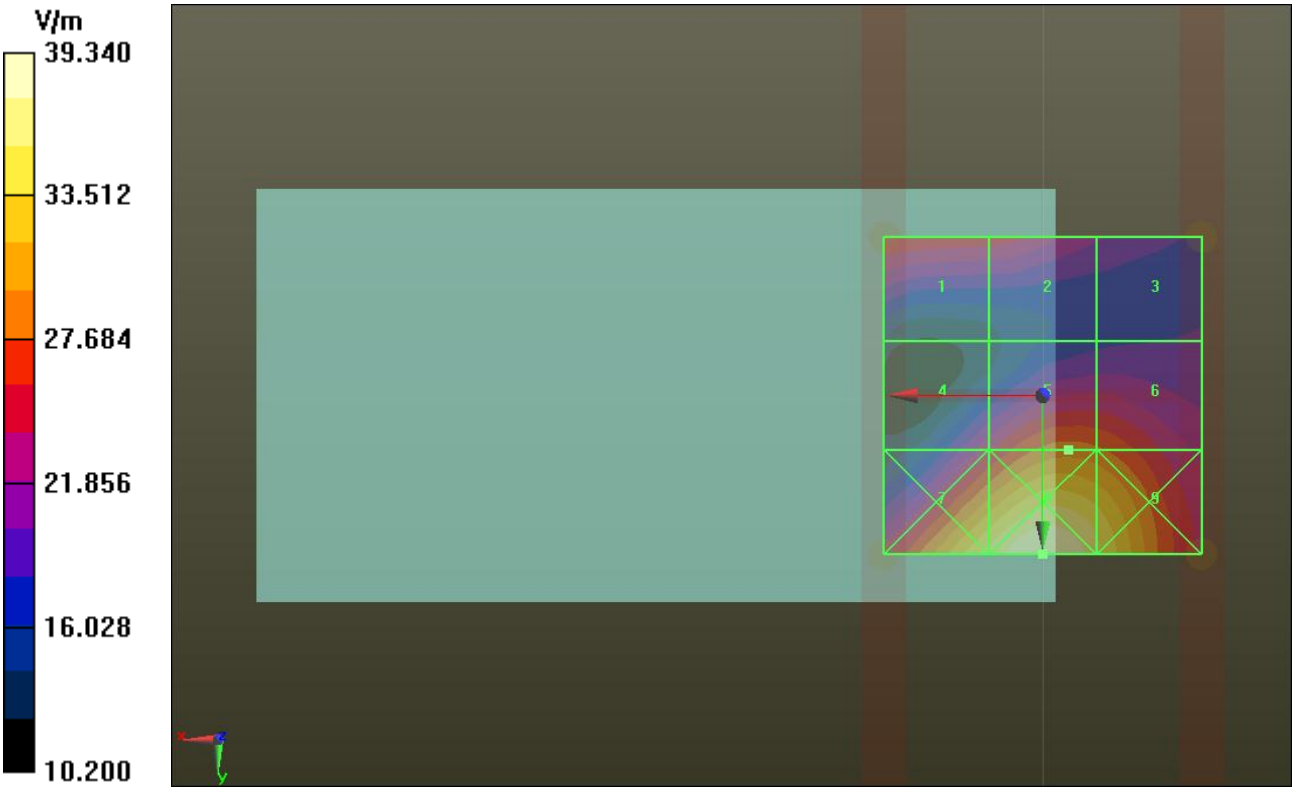
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

GSM1900 E-Field measurement/Voice_ch 512/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 = 17.74 V/m; Power Drift = 0.18 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.32 dBV/m**	Grid 2 **M4** **27.96 dBV/m**	Grid 3 **M4** **26.17 dBV/m**
Grid 4 **M4** **27.4 dBV/m**	Grid 5 **M4** **29.15 dBV/m**	Grid 6 **M4** **28.96 dBV/m**
Grid 7 **M3** **31.23 dBV/m**	Grid 8 **M3** **31.9 dBV/m**	Grid 9 **M3** **31.14 dBV/m**



HAC-RF Emission

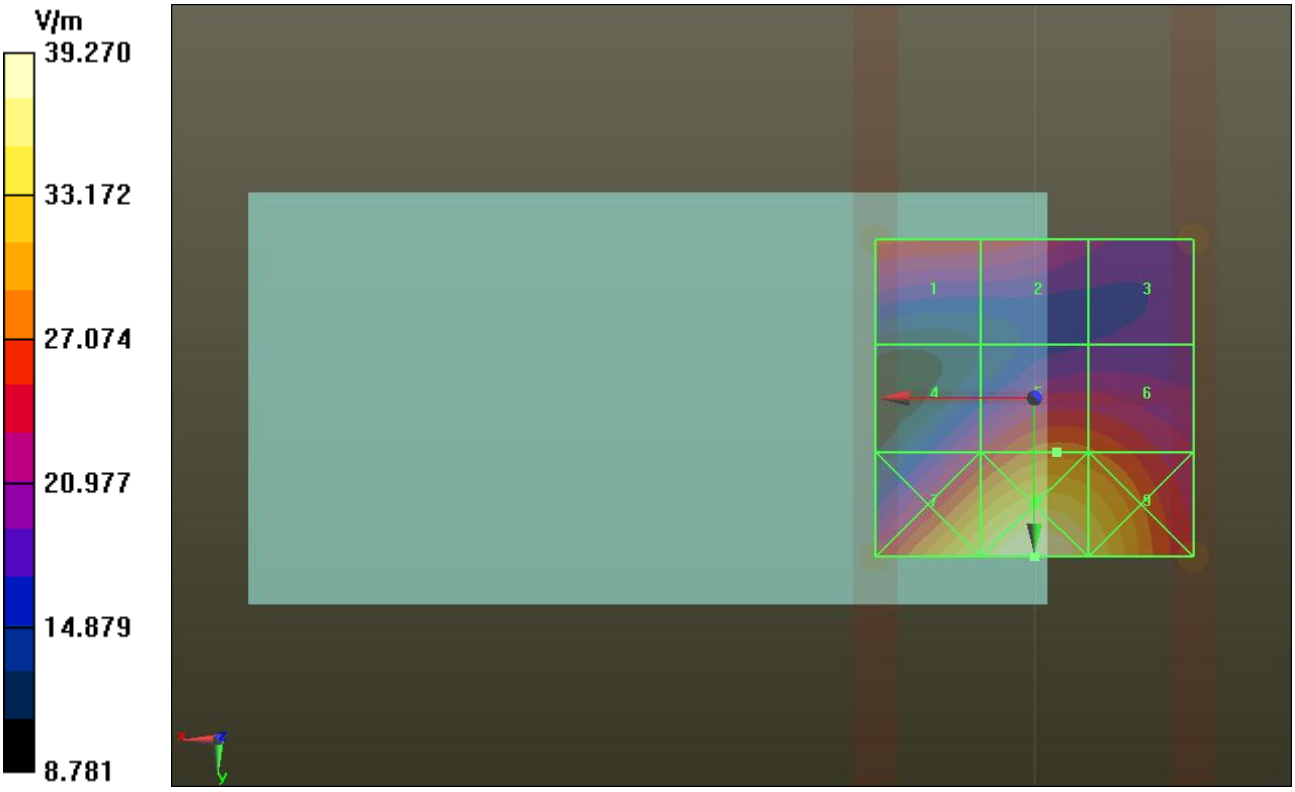
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

GSM1900 E-Field measurement/Voice_ch 661/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 = 17.77 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.19 dBV/m**	Grid 2 **M4** **27.88 dBV/m**	Grid 3 **M4** **26.07 dBV/m**
Grid 4 **M4** **27.24 dBV/m**	Grid 5 **M4** **29.05 dBV/m**	Grid 6 **M4** **28.82 dBV/m**
Grid 7 **M3** **31.19 dBV/m**	Grid 8 **M3** **31.88 dBV/m**	Grid 9 **M3** **31.09 dBV/m**



HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

GSM1900 E-Field measurement/Voice_ch 810/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 = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.81 dBV/m**	Grid 2 **M4** **28.81 dBV/m**	Grid 3 **M4** **26.87 dBV/m**
Grid 4 **M4** **28.01 dBV/m**	Grid 5 **M4** **29.95 dBV/m**	Grid 6 **M4** **29.75 dBV/m**
Grid 7 **M3** **31.62 dBV/m**	Grid 8 **M3** **32.51 dBV/m**	Grid 9 **M3** **31.88 dBV/m**