HAC-RF Emission

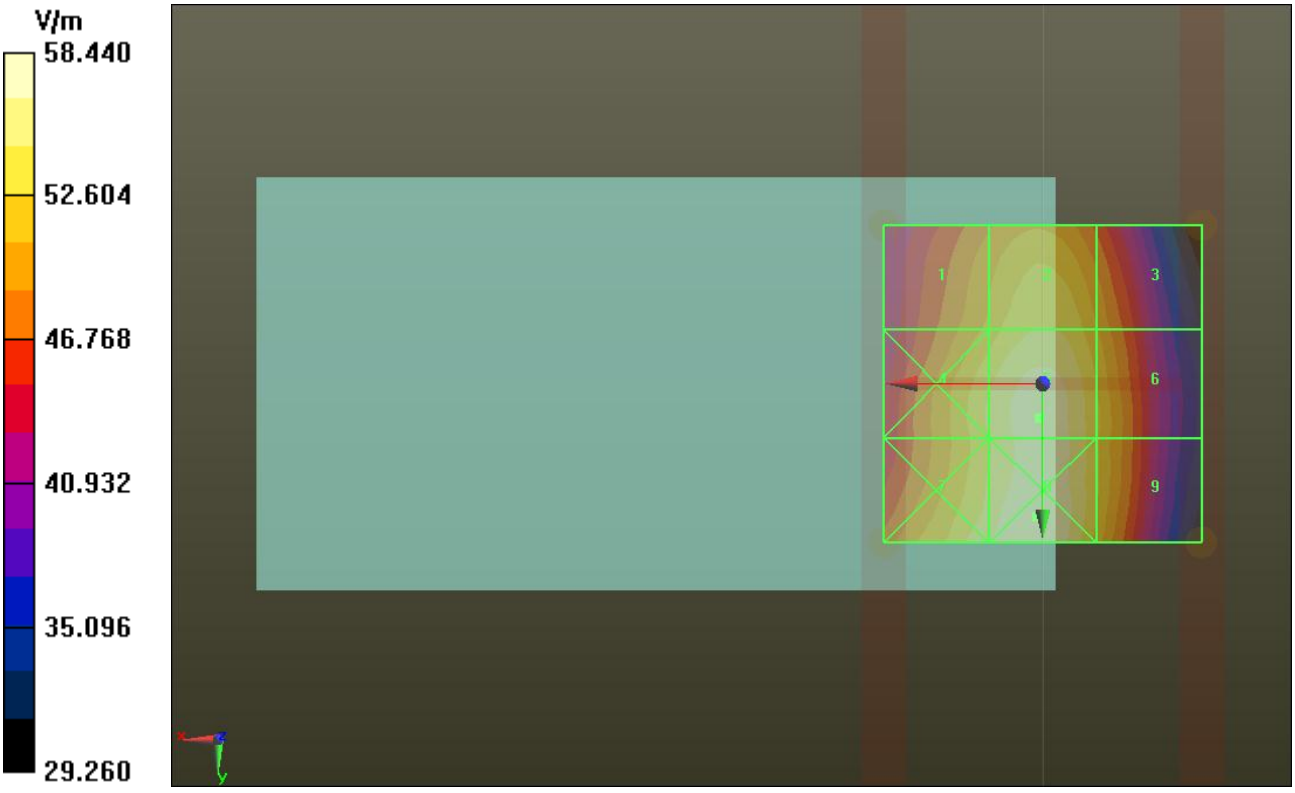
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 50.35 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.27 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.22 dBV/m**	Grid 2 **M4** **34.76 dBV/m**	Grid 3 **M4** **34.13 dBV/m**
Grid 4 **M4** **34.79 dBV/m**	Grid 5 **M4** **35.27 dBV/m**	Grid 6 **M4** **34.51 dBV/m**
Grid 7 **M4** **35.06 dBV/m**	Grid 8 **M4** **35.33 dBV/m**	Grid 9 **M4** **34.5 dBV/m**



HAC-RF Emission

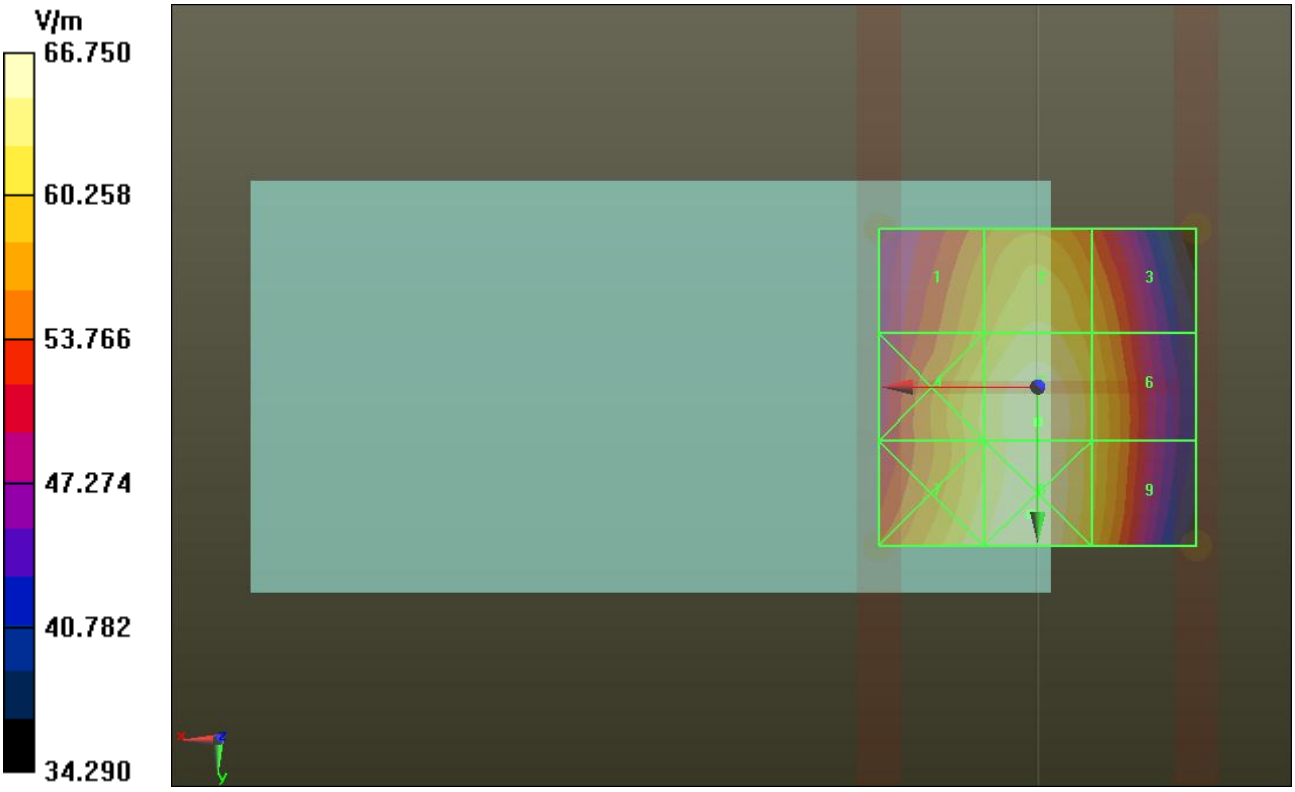
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 56.72 V/m; Power Drift = 0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.48 dBV/m**	Grid 2 **M4** **35.99 dBV/m**	Grid 3 **M4** **35.42 dBV/m**
Grid 4 **M4** **35.98 dBV/m**	Grid 5 **M4** **36.45 dBV/m**	Grid 6 **M4** **35.77 dBV/m**
Grid 7 **M4** **36.18 dBV/m**	Grid 8 **M4** **36.49 dBV/m**	Grid 9 **M4** **35.75 dBV/m**



HAC-RF Emission

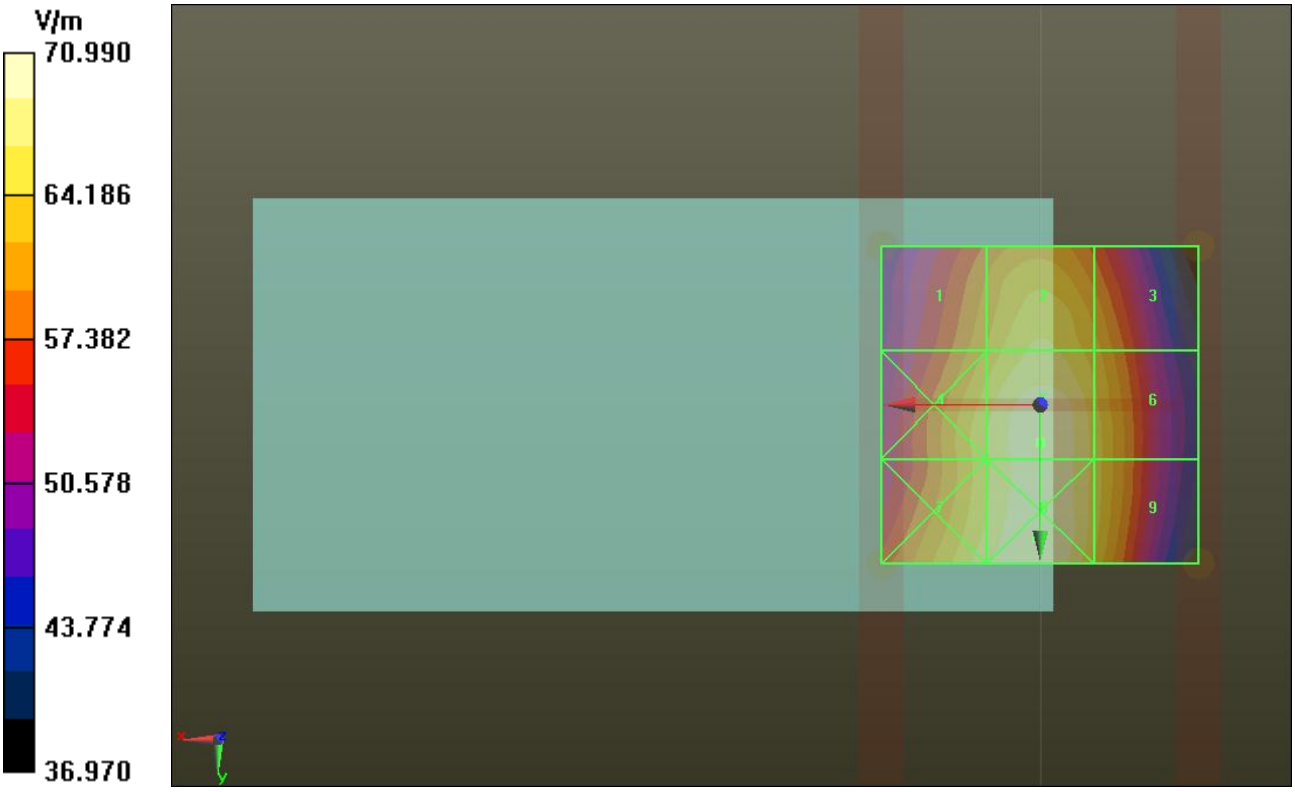
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 60.71 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.88 dBV/m**	Grid 2 **M4** **36.52 dBV/m**	Grid 3 **M4** **35.98 dBV/m**
Grid 4 **M4** **36.45 dBV/m**	Grid 5 **M4** **36.98 dBV/m**	Grid 6 **M4** **36.35 dBV/m**
Grid 7 **M4** **36.67 dBV/m**	Grid 8 **M4** **37.02 dBV/m**	Grid 9 **M4** **36.35 dBV/m**



HAC-RF Emission

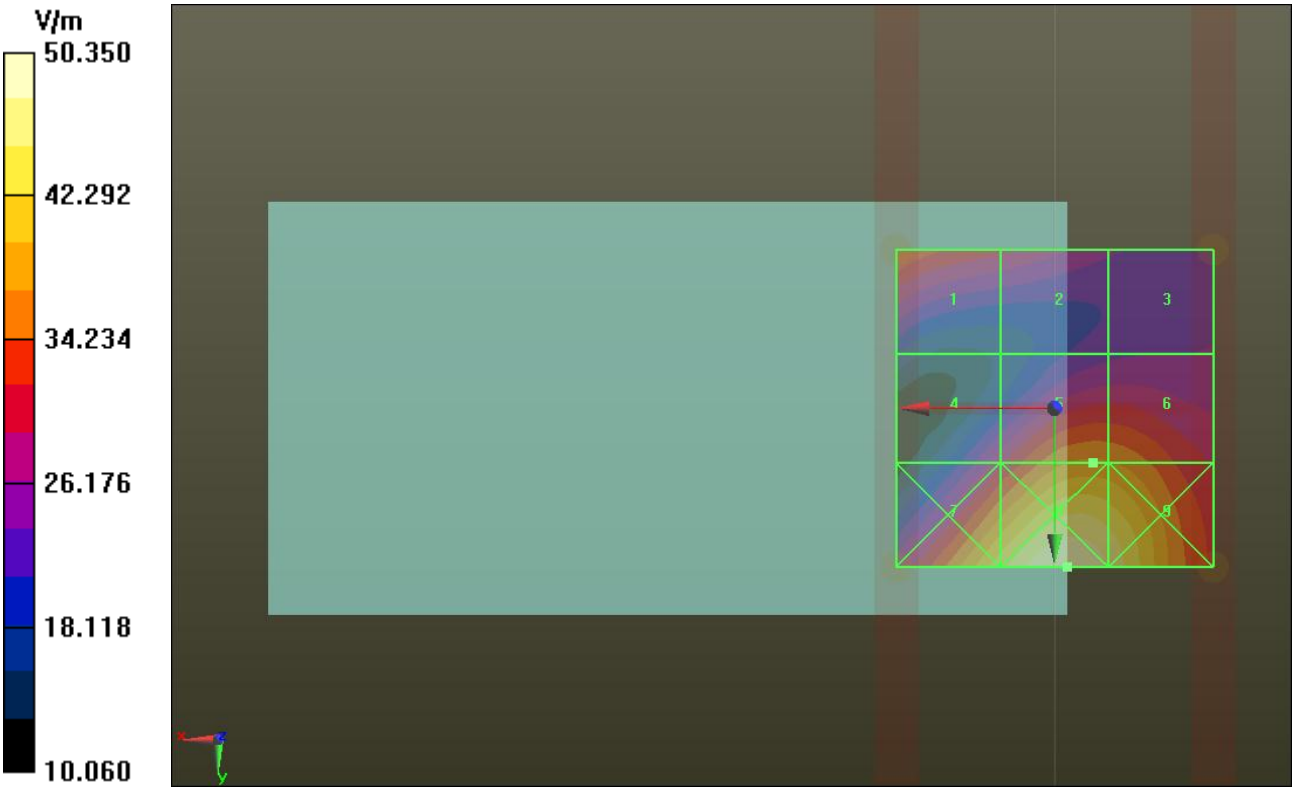
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 22.97 V/m; Power Drift = 0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.49 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.77 dBV/m**	Grid 2 **M4** **29.43 dBV/m**	Grid 3 **M4** **27.68 dBV/m**
Grid 4 **M4** **29.03 dBV/m**	Grid 5 **M3** **31.49 dBV/m**	Grid 6 **M3** **31.41 dBV/m**
Grid 7 **M3** **32.91 dBV/m**	Grid 8 **M3** **34.04 dBV/m**	Grid 9 **M3** **33.5 dBV/m**



HAC-RF Emission

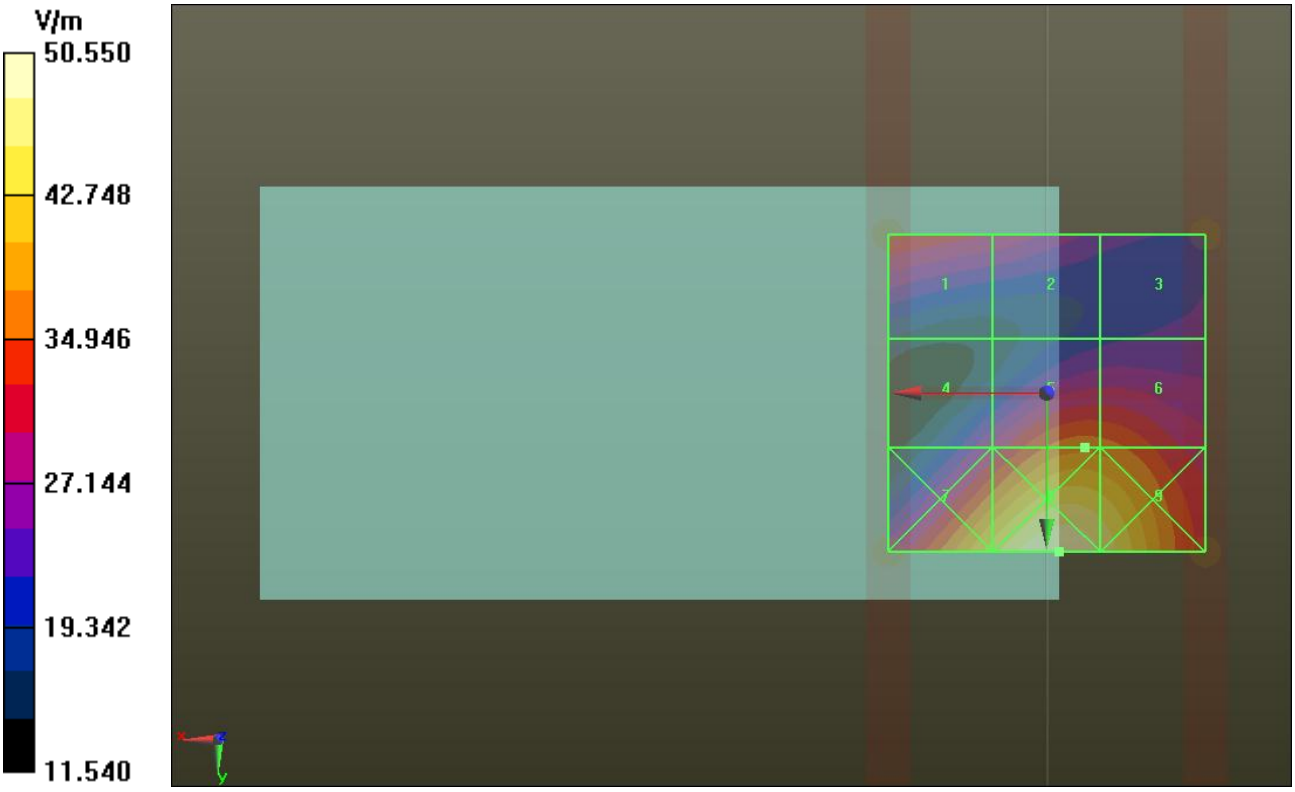
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Phantom: 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 = 21.80 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.30 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.33 dBV/m**	Grid 2 **M4** **29.45 dBV/m**	Grid 3 **M4** **27.52 dBV/m**
Grid 4 **M4** **28.88 dBV/m**	Grid 5 **M3** **31.3 dBV/m**	Grid 6 **M3** **31.22 dBV/m**
Grid 7 **M3** **32.95 dBV/m**	Grid 8 **M3** **34.07 dBV/m**	Grid 9 **M3** **33.54 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 = 19.07 V/m; Power Drift = -0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.54 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.32 dBV/m**	Grid 2 **M3** **30.27 dBV/m**	Grid 3 **M4** **28.17 dBV/m**
Grid 4 **M4** **28 dBV/m**	Grid 5 **M3** **30.54 dBV/m**	Grid 6 **M3** **30.46 dBV/m**
Grid 7 **M3** **32.36 dBV/m**	Grid 8 **M3** **33.68 dBV/m**	Grid 9 **M3** **33.2 dBV/m**