HAC-RF Emission

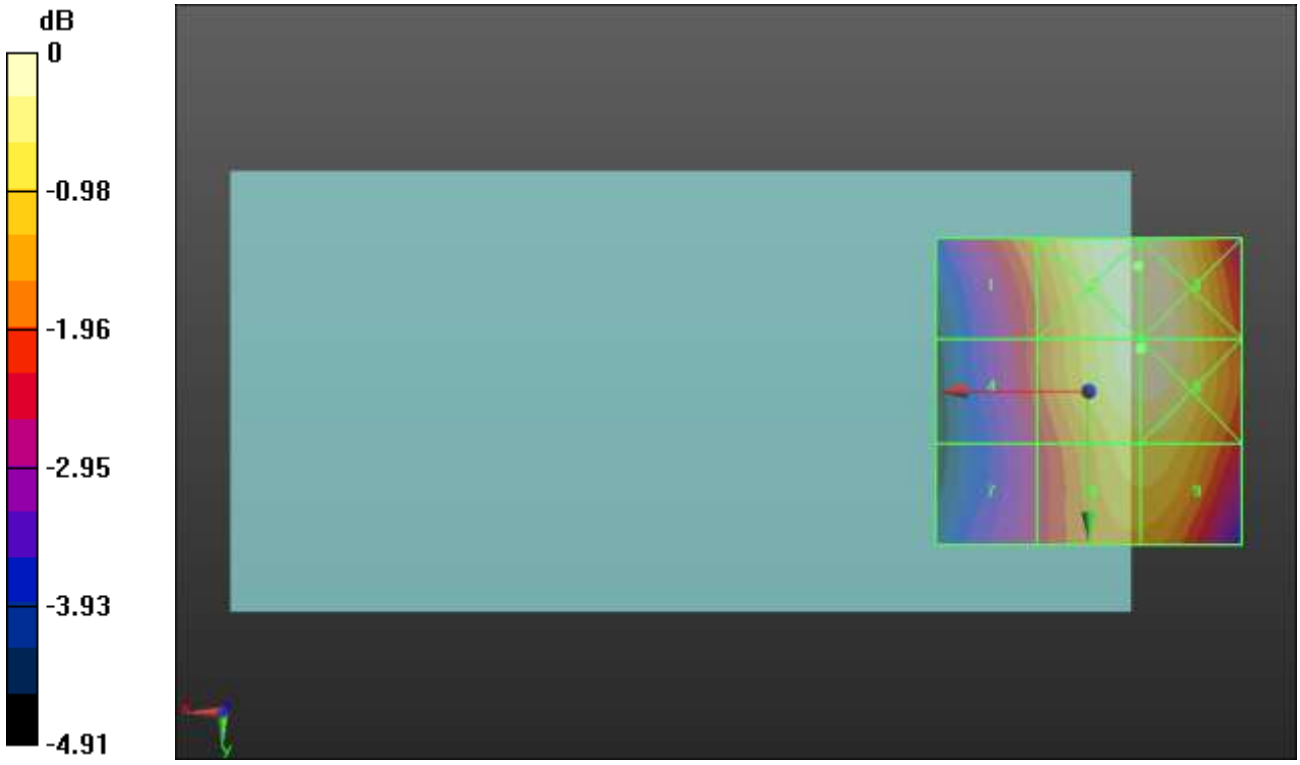
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 43.98 V/m; Power Drift = -0.08 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **33.9 dBV/m**	Grid 2 **M4** **35.26 dBV/m**	Grid 3 **M4** **35.25 dBV/m**
Grid 4 **M4** **33.26 dBV/m**	Grid 5 **M4** **35.17 dBV/m**	Grid 6 **M4** **35.18 dBV/m**
Grid 7 **M4** **32.77 dBV/m**	Grid 8 **M4** **34.53 dBV/m**	Grid 9 **M4** **34.53 dBV/m**



0 dB = 57.92 V/m = 35.26 dBV/m

HAC-RF Emission

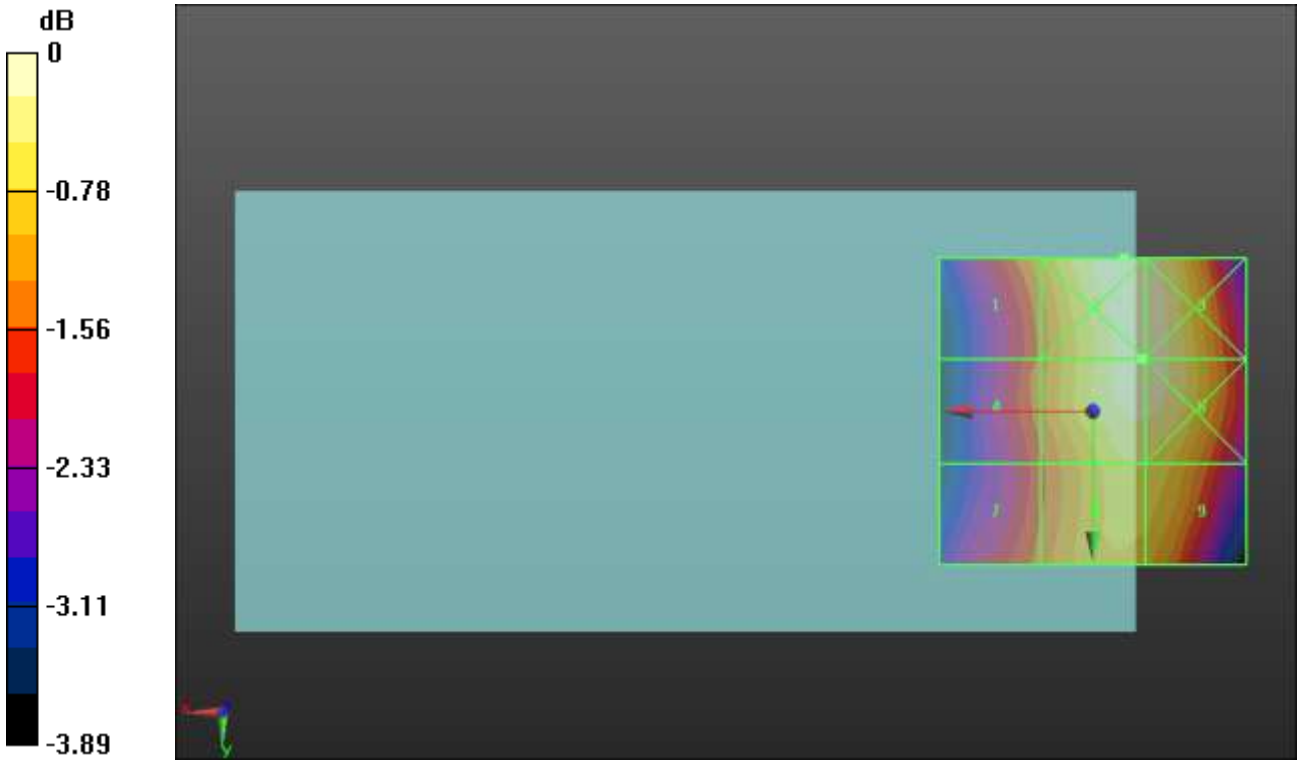
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 46.70 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.41 dBV/m**	Grid 2 **M4** **35.44 dBV/m**	Grid 3 **M4** **35.38 dBV/m**
Grid 4 **M4** **34.09 dBV/m**	Grid 5 **M4** **35.34 dBV/m**	Grid 6 **M4** **35.34 dBV/m**
Grid 7 **M4** **34.01 dBV/m**	Grid 8 **M4** **34.93 dBV/m**	Grid 9 **M4** **34.92 dBV/m**



0 dB = 59.14 V/m = 35.44 dBV/m

HAC-RF Emission

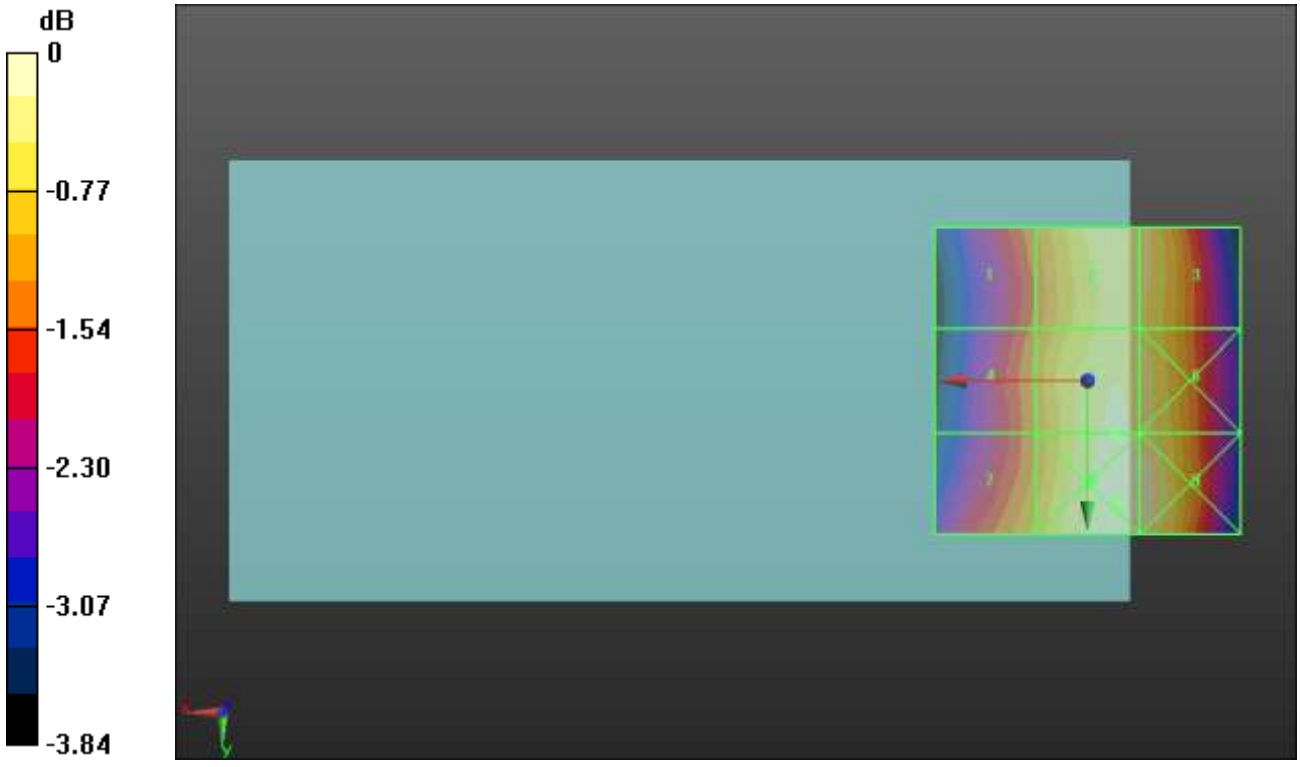
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 52.21 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.97 dBV/m**	Grid 2 **M4** **35.98 dBV/m**	Grid 3 **M4** **35.89 dBV/m**
Grid 4 **M4** **35.08 dBV/m**	Grid 5 **M4** **36.05 dBV/m**	Grid 6 **M4** **35.94 dBV/m**
Grid 7 **M4** **35.32 dBV/m**	Grid 8 **M4** **36.24 dBV/m**	Grid 9 **M4** **36.17 dBV/m**



0 dB = 64.90 V/m = 36.24 dBV/m

HAC-RF Emission

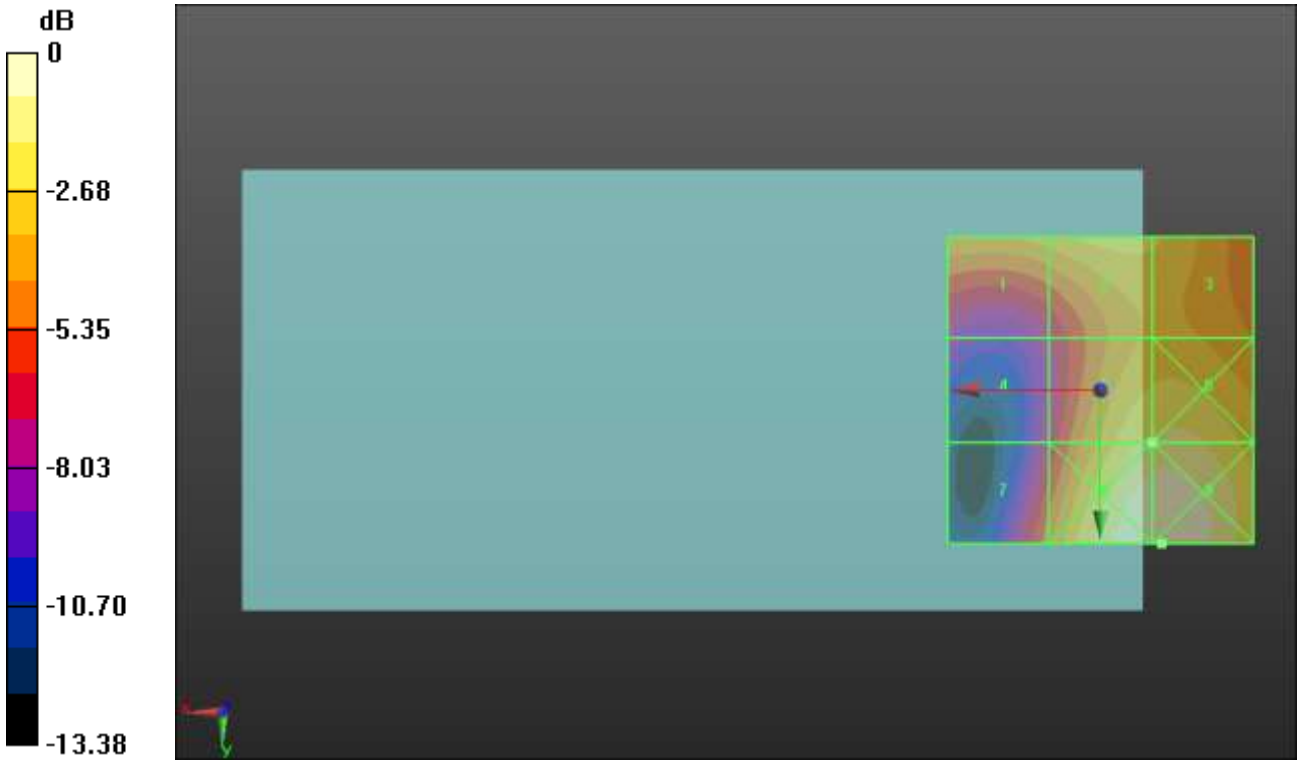
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 21.72 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.62 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.11 dBV/m**	Grid 2 **M4** **29.91 dBV/m**	Grid 3 **M4** **29.72 dBV/m**
Grid 4 **M4** **25.11 dBV/m**	Grid 5 **M3** **30.62 dBV/m**	Grid 6 **M3** **30.75 dBV/m**
Grid 7 **M4** **27.52 dBV/m**	Grid 8 **M3** **32.13 dBV/m**	Grid 9 **M3** **32.18 dBV/m**



0 dB = 40.62 V/m = 32.17 dBV/m

HAC-RF Emission

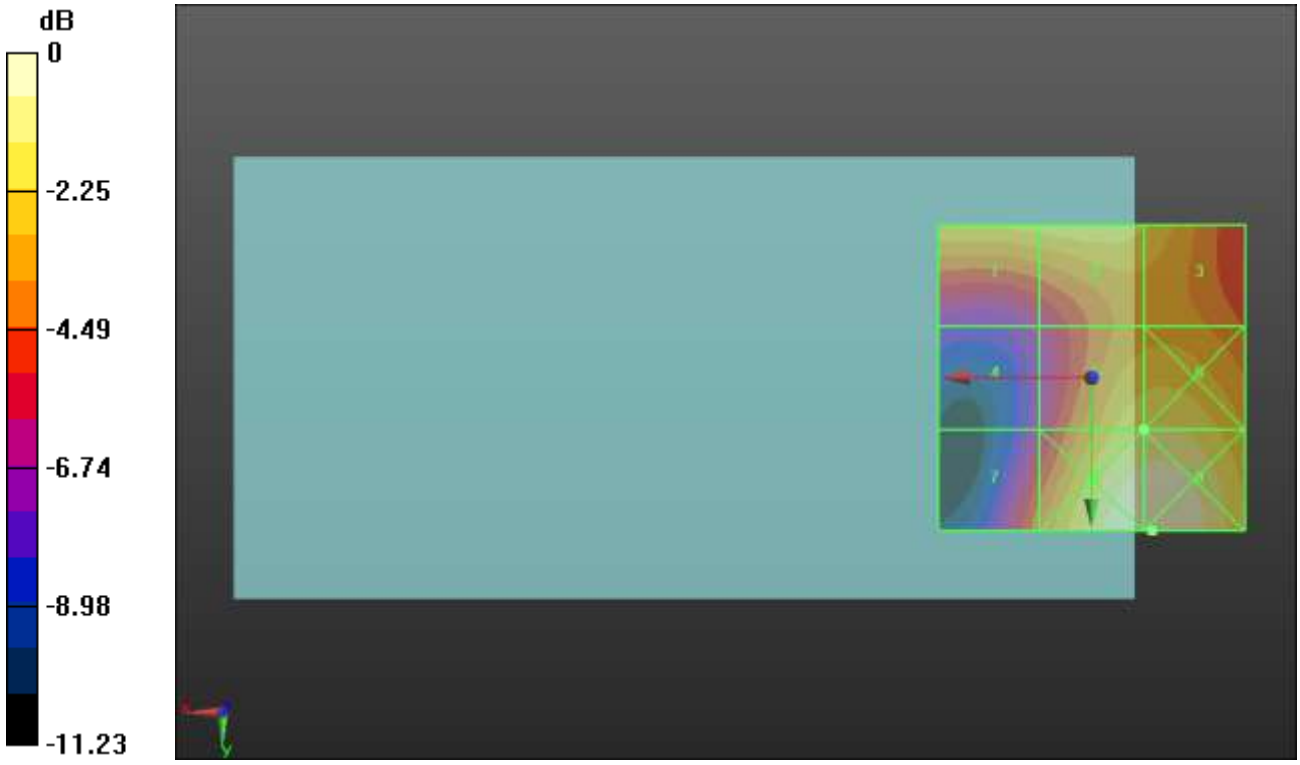
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 20.62 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.49 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.2 dBV/m**	Grid 2 **M3** **30.43 dBV/m**	Grid 3 **M4** **29.88 dBV/m**
Grid 4 **M4** **25.76 dBV/m**	Grid 5 **M3** **30.49 dBV/m**	Grid 6 **M3** **30.61 dBV/m**
Grid 7 **M4** **28.21 dBV/m**	Grid 8 **M3** **31.98 dBV/m**	Grid 9 **M3** **32 dBV/m**



0 dB = 39.80 V/m = 32.00 dBV/m

HAC-RF Emission

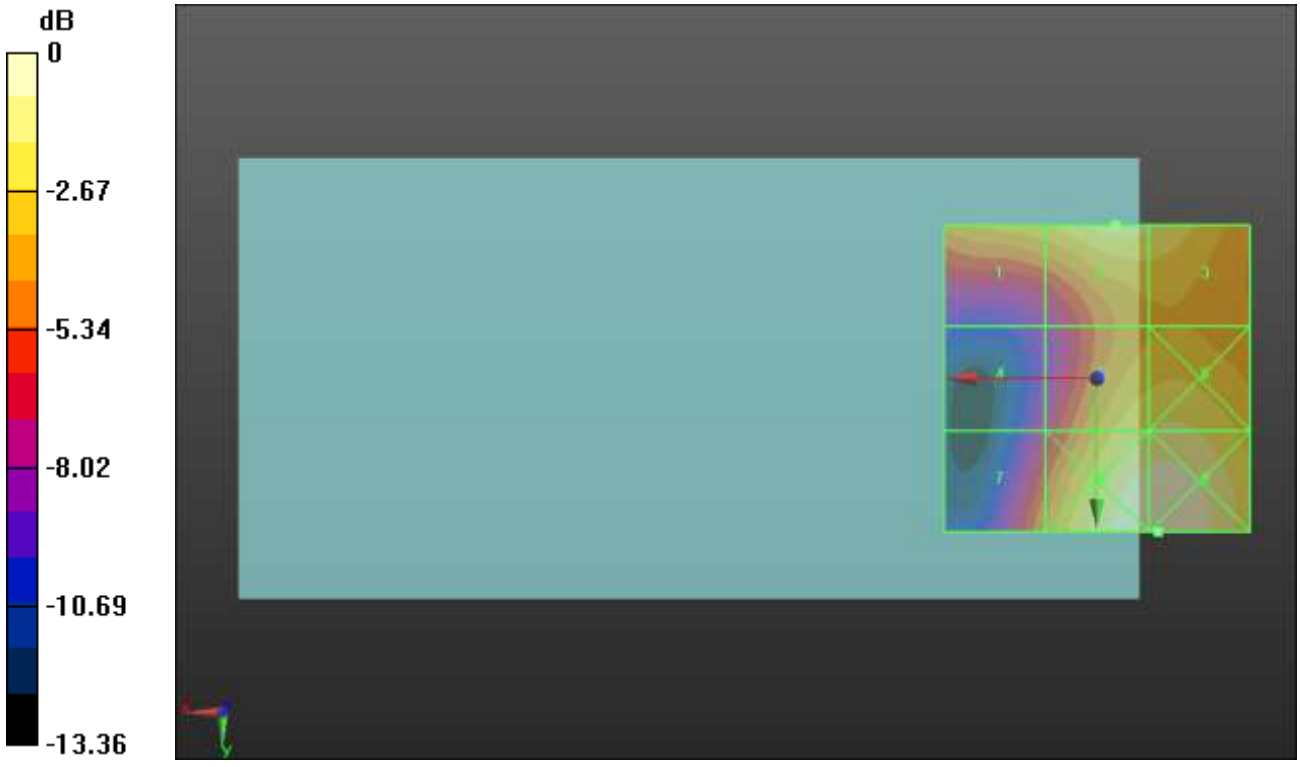
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 19.75 V/m; Power Drift = 0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.79 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.46 dBV/m**	Grid 2 **M3** **30.79 dBV/m**	Grid 3 **M3** **30.58 dBV/m**
Grid 4 **M4** **24.89 dBV/m**	Grid 5 **M3** **30.46 dBV/m**	Grid 6 **M3** **30.61 dBV/m**
Grid 7 **M4** **27.9 dBV/m**	Grid 8 **M3** **32.14 dBV/m**	Grid 9 **M3** **32.16 dBV/m**



0 dB = 40.57 V/m = 32.16 dBV/m