HAC-RF Emission GSM 850

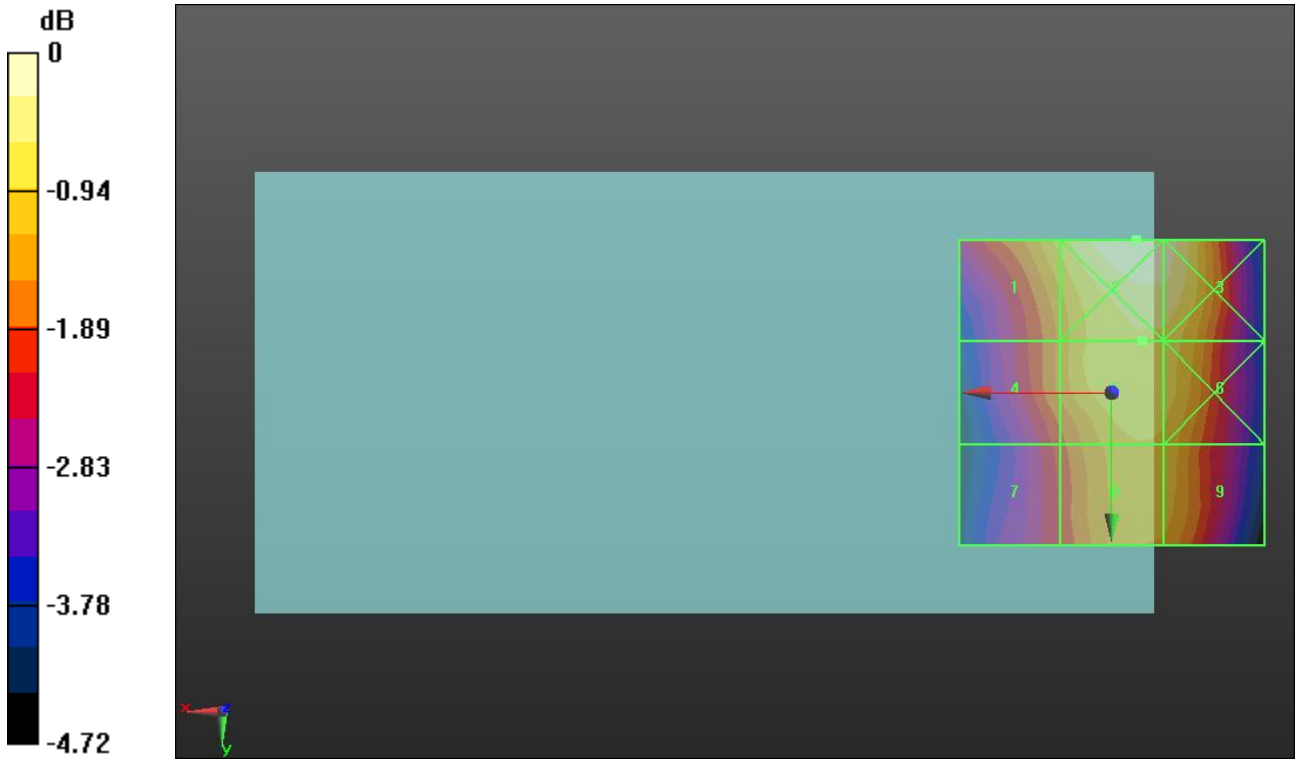
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 83.01 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **39.71 dBV/m**	Grid 2 **M3** **40.51 dBV/m**	Grid 3 **M3** **40.46 dBV/m**
Grid 4 **M4** **39.06 dBV/m**	Grid 5 **M4** **39.85 dBV/m**	Grid 6 **M4** **39.82 dBV/m**
Grid 7 **M4** **38.5 dBV/m**	Grid 8 **M4** **39.56 dBV/m**	Grid 9 **M4** **39.51 dBV/m**



0 dB = 106.1 V/m = 40.51 dBV/m

HAC-RF Emission GSM 850

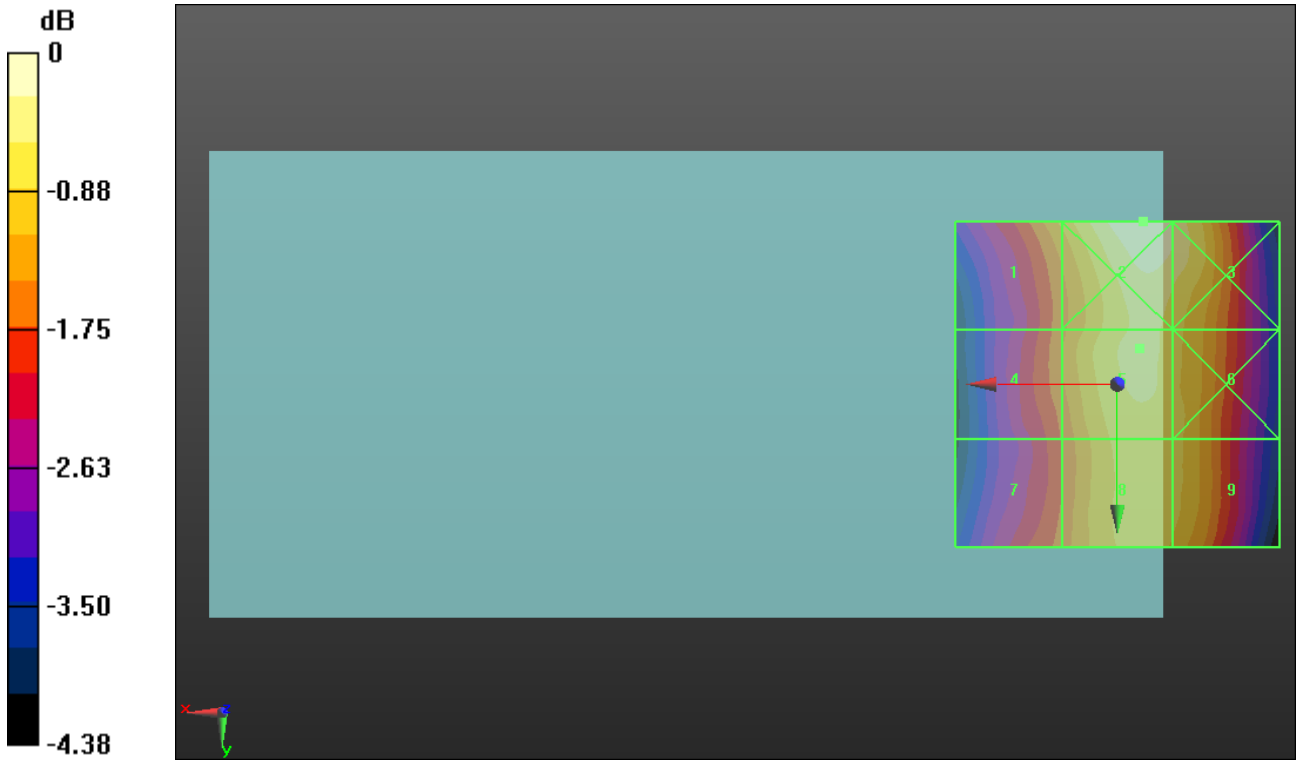
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 76.96 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.66 dBV/m**	Grid 2 **M4** **39.74 dBV/m**	Grid 3 **M4** **39.45 dBV/m**
Grid 4 **M4** **38.28 dBV/m**	Grid 5 **M4** **39.24 dBV/m**	Grid 6 **M4** **39.03 dBV/m**
Grid 7 **M4** **38.13 dBV/m**	Grid 8 **M4** **39.09 dBV/m**	Grid 9 **M4** **39.01 dBV/m**



0 dB = 97.01 V/m = 39.74 dBV/m

HAC-RF Emission GSM 850

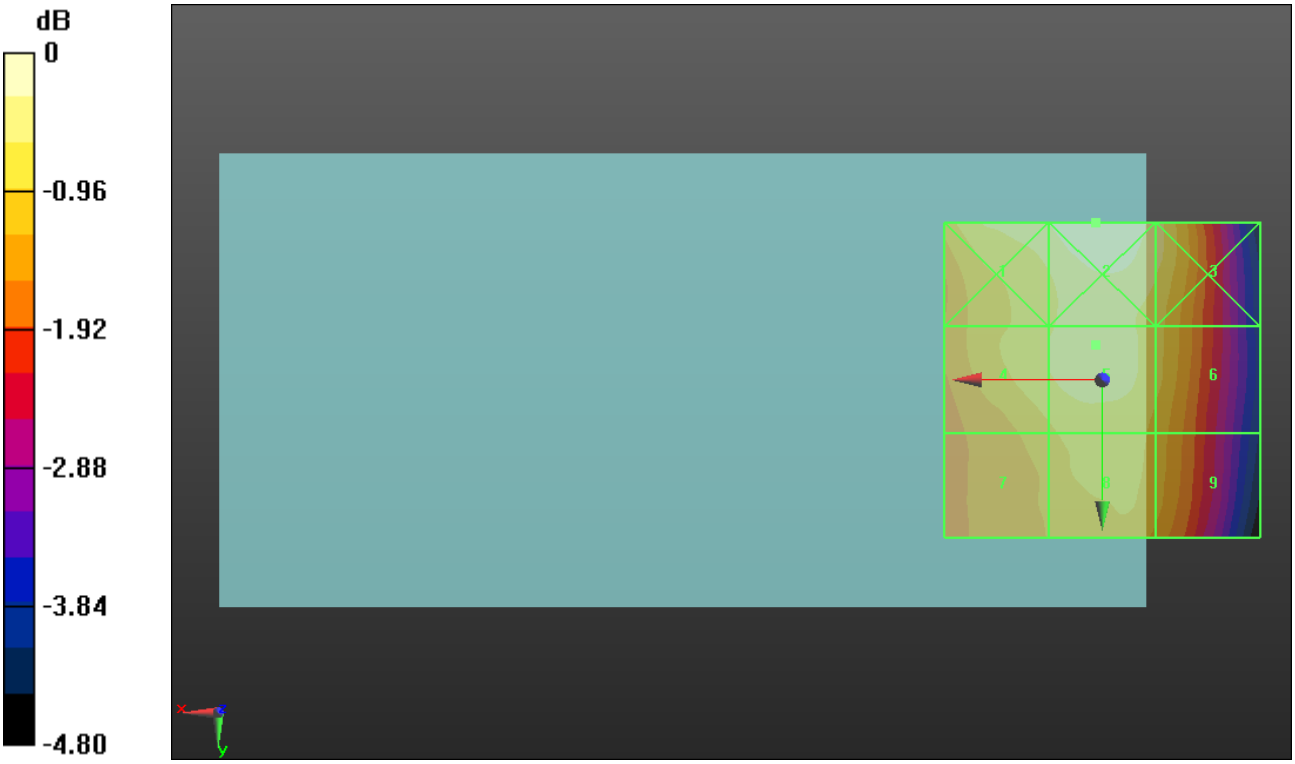
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 61.50 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.19 dBV/m**	Grid 2 **M4** **37.5 dBV/m**	Grid 3 **M4** **37.05 dBV/m**
Grid 4 **M4** **36.87 dBV/m**	Grid 5 **M4** **37.09 dBV/m**	Grid 6 **M4** **36.68 dBV/m**
Grid 7 **M4** **36.47 dBV/m**	Grid 8 **M4** **36.72 dBV/m**	Grid 9 **M4** **36.44 dBV/m**



0 dB = 75.00 V/m = 37.50 dBV/m

HAC-RF Emission GSM 1900

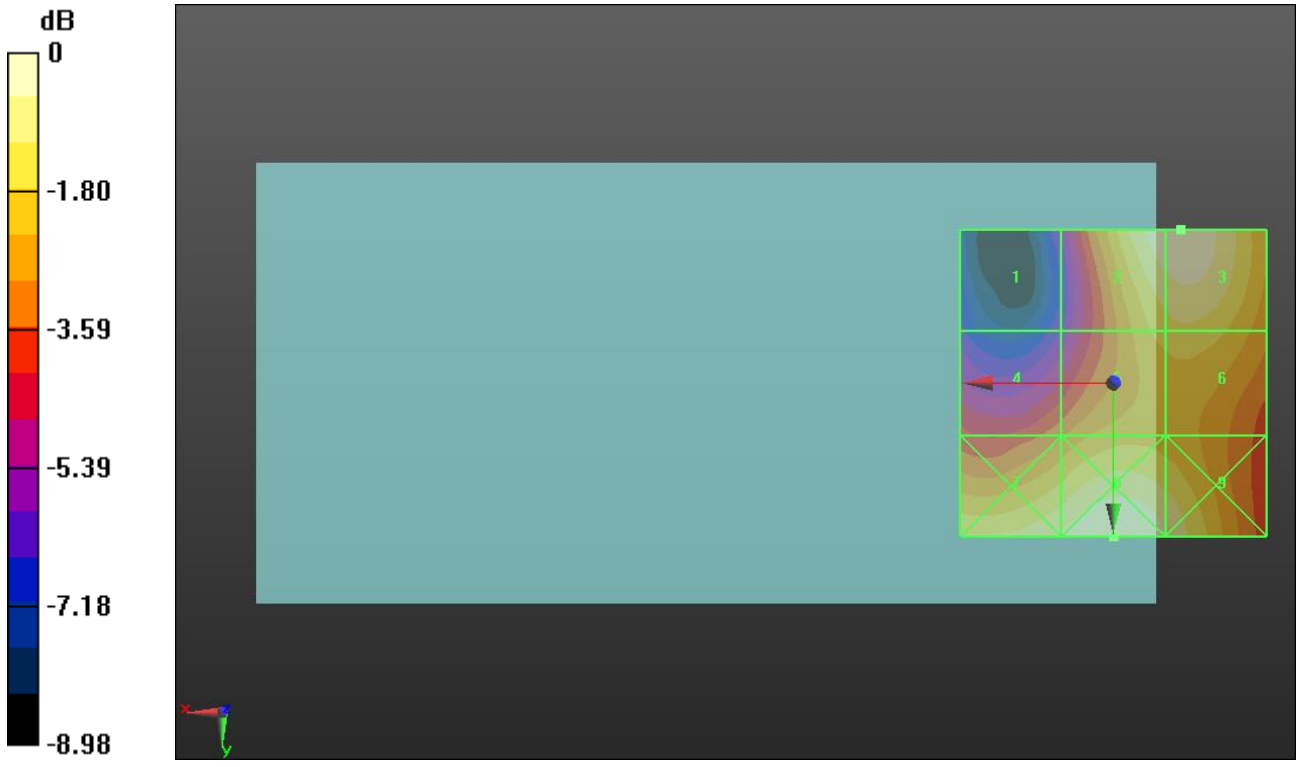
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 24.83 V/m; Power Drift = 0.15 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.63 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.04 dBV/m**	Grid 2 **M3** **32.54 dBV/m**	Grid 3 **M3** **32.63 dBV/m**
Grid 4 **M4** **29.62 dBV/m**	Grid 5 **M3** **31.23 dBV/m**	Grid 6 **M3** **31.39 dBV/m**
Grid 7 **M3** **32.25 dBV/m**	Grid 8 **M3** **32.72 dBV/m**	Grid 9 **M3** **32.12 dBV/m**



0 dB = 43.25 V/m = 32.72 dBV/m

HAC-RF Emission GSM 1900

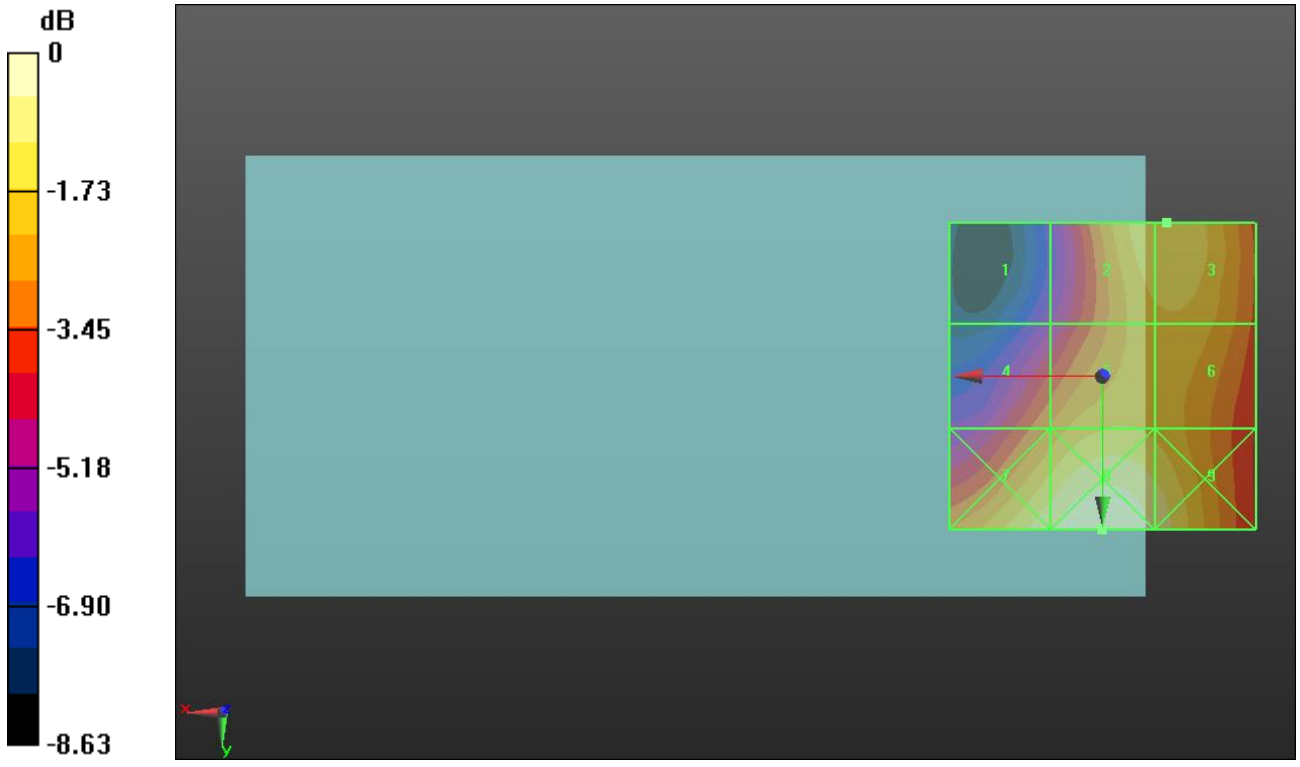
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 29.12 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.48 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **28.41 dBV/m**	Grid 2 **M3** **32.42 dBV/m**	Grid 3 **M3** **32.48 dBV/m**
Grid 4 **M3** **30.89 dBV/m**	Grid 5 **M3** **31.98 dBV/m**	Grid 6 **M3** **31.85 dBV/m**
Grid 7 **M3** **33.02 dBV/m**	Grid 8 **M3** **33.65 dBV/m**	Grid 9 **M3** **33.01 dBV/m**



0 dB = 48.16 V/m = 33.65 dBV/m

HAC-RF Emission GSM 1900

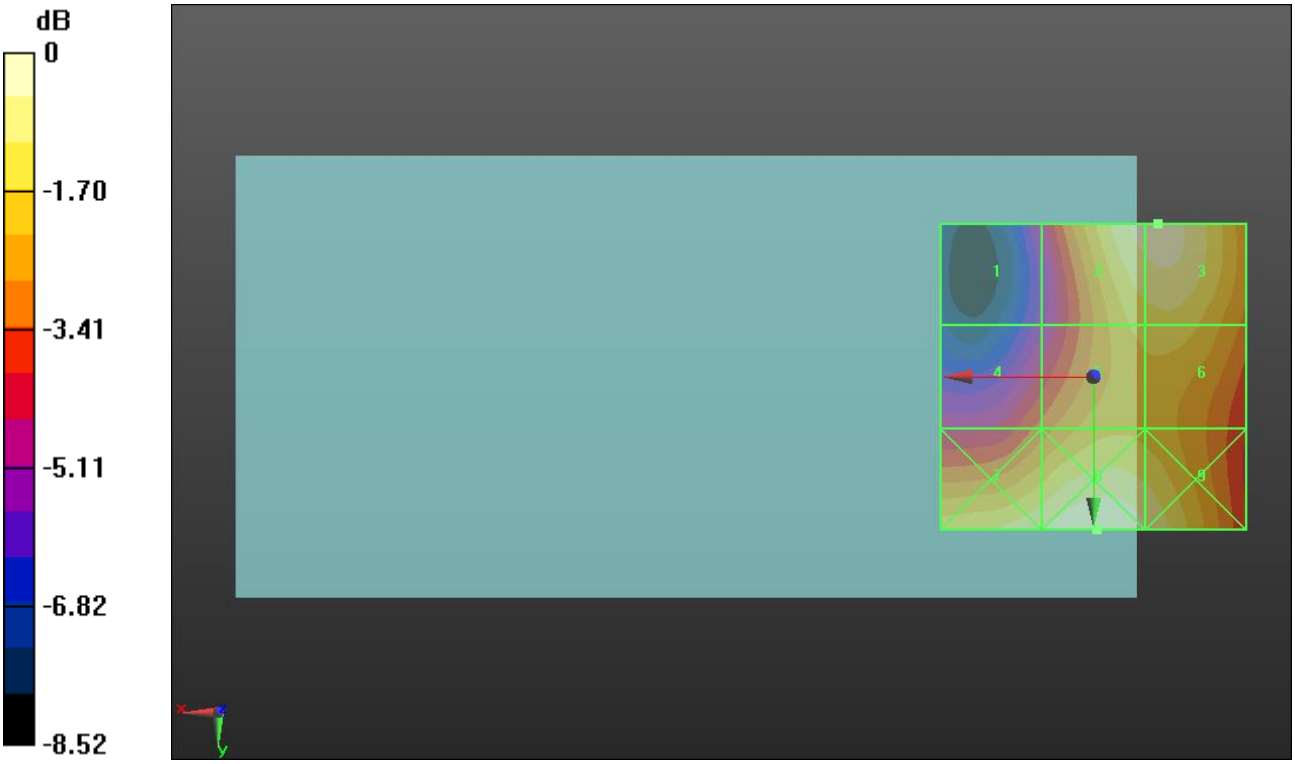
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 27.93 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.01 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **28.57 dBV/m**	Grid 2 **M3** **32.96 dBV/m**	Grid 3 **M3** **33.01 dBV/m**
Grid 4 **M3** **30.16 dBV/m**	Grid 5 **M3** **31.87 dBV/m**	Grid 6 **M3** **31.98 dBV/m**
Grid 7 **M3** **32.79 dBV/m**	Grid 8 **M3** **33.3 dBV/m**	Grid 9 **M3** **32.78 dBV/m**



0 dB = 46.26 V/m = 33.30 dBV/m

HAC-RF Emission CDMA BC0

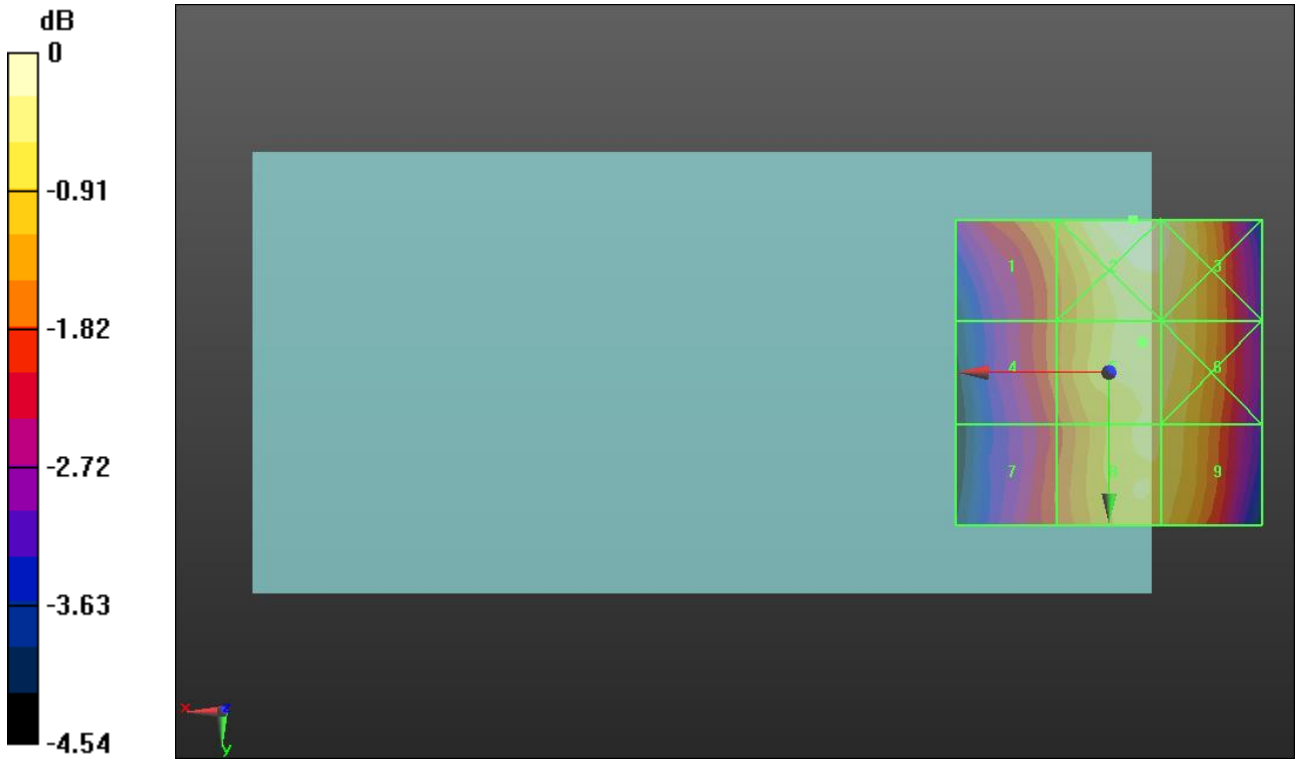
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 1013/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 = 28.21 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 30.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.83 dBV/m**	Grid 2 **M4** **30.84 dBV/m**	Grid 3 **M4** **30.67 dBV/m**
Grid 4 **M4** **29.27 dBV/m**	Grid 5 **M4** **30.51 dBV/m**	Grid 6 **M4** **30.42 dBV/m**
Grid 7 **M4** **29.07 dBV/m**	Grid 8 **M4** **30.29 dBV/m**	Grid 9 **M4** **30.24 dBV/m**



0 dB = 34.82 V/m = 30.84 dBV/m

HAC-RF Emission CDMA BC0

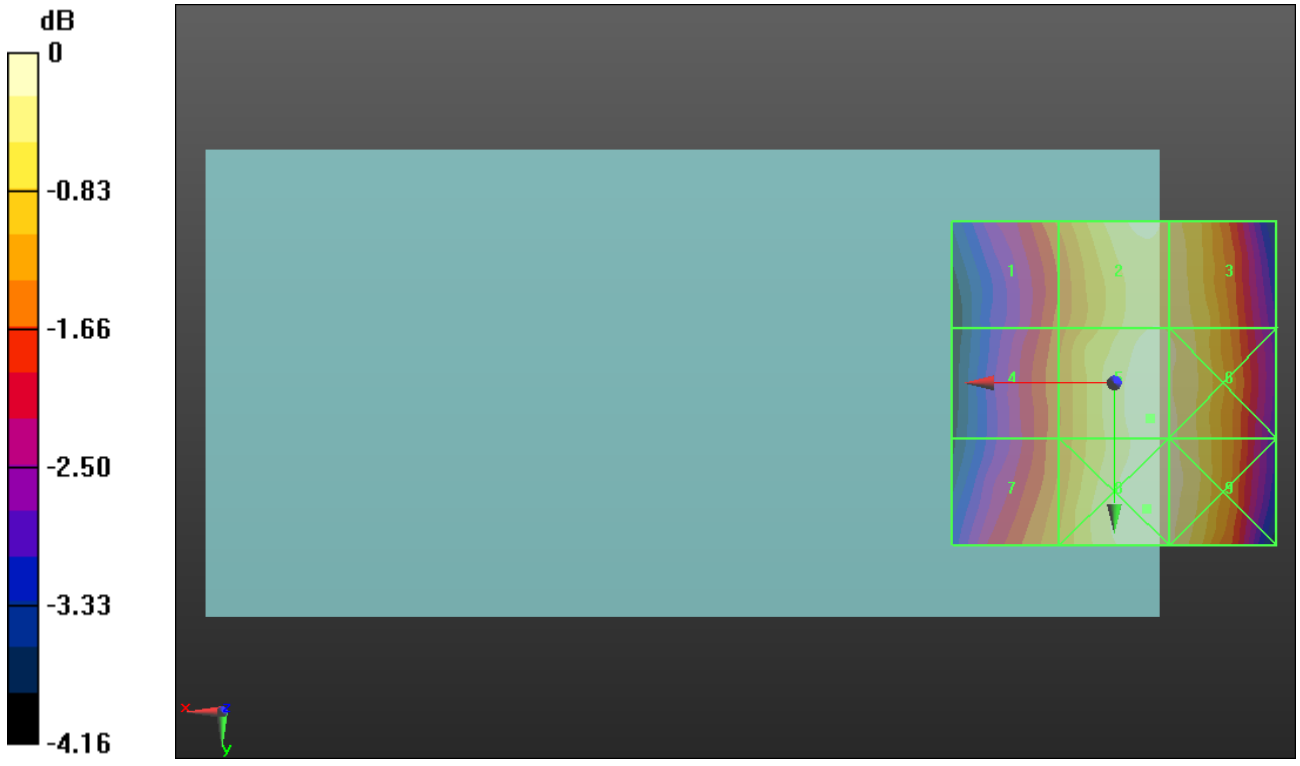
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 831.99 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 384/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 = 26.60 V/m; Power Drift = -0.25 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.87 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.73 dBV/m**	Grid 2 **M4** **29.86 dBV/m**	Grid 3 **M4** **29.72 dBV/m**
Grid 4 **M4** **28.66 dBV/m**	Grid 5 **M4** **29.87 dBV/m**	Grid 6 **M4** **29.82 dBV/m**
Grid 7 **M4** **28.94 dBV/m**	Grid 8 **M4** **30.03 dBV/m**	Grid 9 **M4** **29.9 dBV/m**



0 dB = 31.72 V/m = 30.03 dBV/m

HAC-RF Emission CDMA BC0

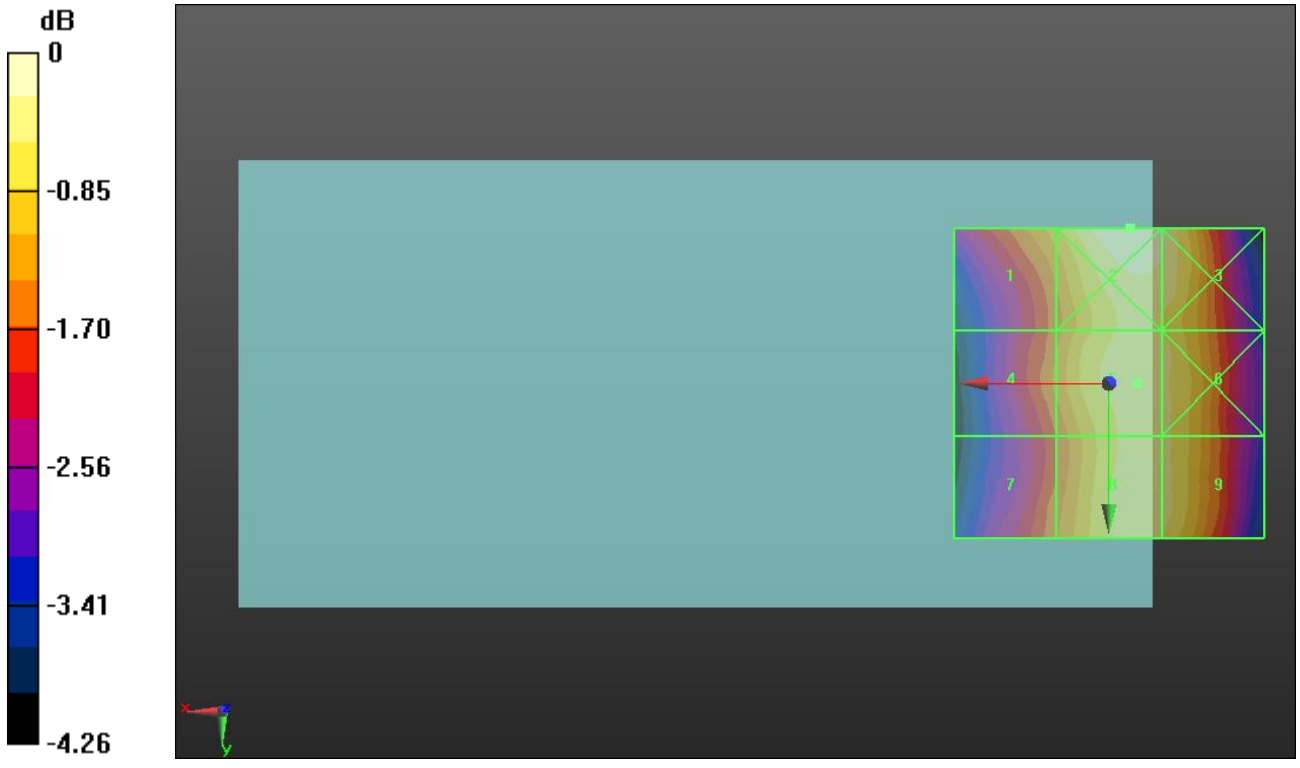
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 777/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 = 26.69 V/m; Power Drift = 0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.63 dBV/m**	Grid 2 **M4** **29.55 dBV/m**	Grid 3 **M4** **29.36 dBV/m**
Grid 4 **M4** **28.23 dBV/m**	Grid 5 **M4** **29.23 dBV/m**	Grid 6 **M4** **29.09 dBV/m**
Grid 7 **M4** **28.1 dBV/m**	Grid 8 **M4** **29.19 dBV/m**	Grid 9 **M4** **29.13 dBV/m**



0 dB = 30.04 V/m = 29.55 dBV/m

HAC-RF Emission CDMA BC1

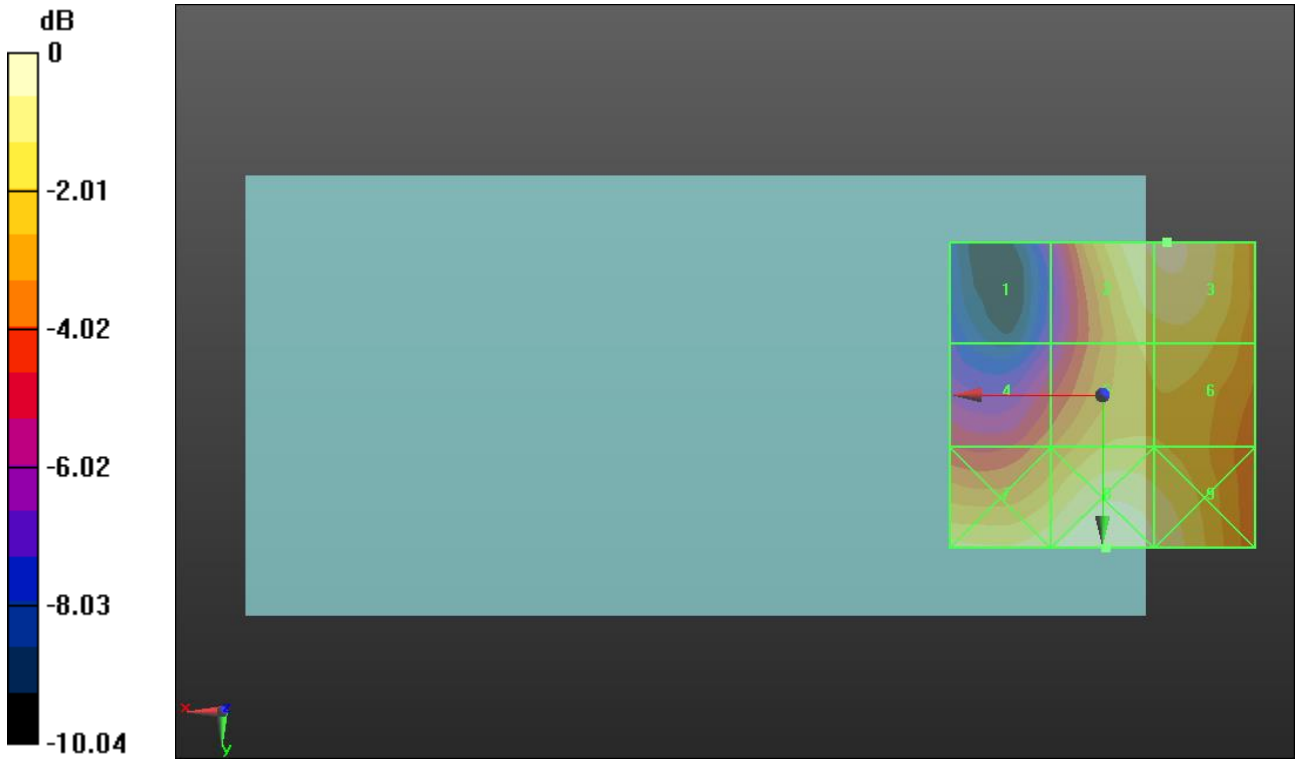
Communication System: UID 10295 - AAA, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 25/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 = 14.68 V/m; Power Drift = -0.14 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.73 dBV/m**	Grid 2 **M4** **26.31 dBV/m**	Grid 3 **M4** **26.38 dBV/m**
Grid 4 **M4** **23.42 dBV/m**	Grid 5 **M4** **25.1 dBV/m**	Grid 6 **M4** **25.25 dBV/m**
Grid 7 **M4** **26.08 dBV/m**	Grid 8 **M4** **26.82 dBV/m**	Grid 9 **M4** **26.3 dBV/m**



0 dB = 21.92 V/m = 26.82 dBV/m

HAC-RF Emission CDMA BC1

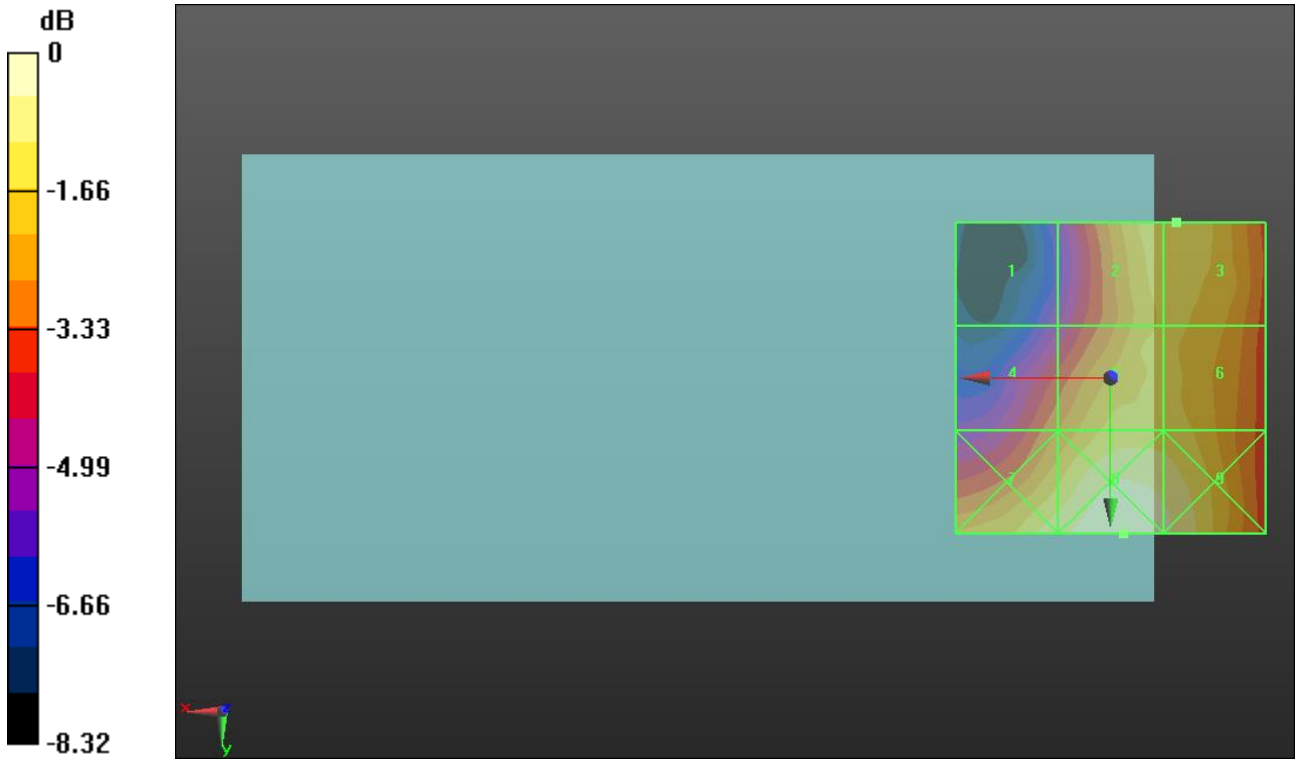
Communication System: UID 10295 - AAA, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 600/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 = 15.22 V/m; Power Drift = 0.18 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.74 dBV/m**	Grid 2 **M4** **25.58 dBV/m**	Grid 3 **M4** **25.63 dBV/m**
Grid 4 **M4** **24.01 dBV/m**	Grid 5 **M4** **25.43 dBV/m**	Grid 6 **M4** **25.42 dBV/m**
Grid 7 **M4** **26.1 dBV/m**	Grid 8 **M4** **26.76 dBV/m**	Grid 9 **M4** **26.38 dBV/m**



0 dB = 21.77 V/m = 26.76 dBV/m

HAC-RF Emission CDMA BC1

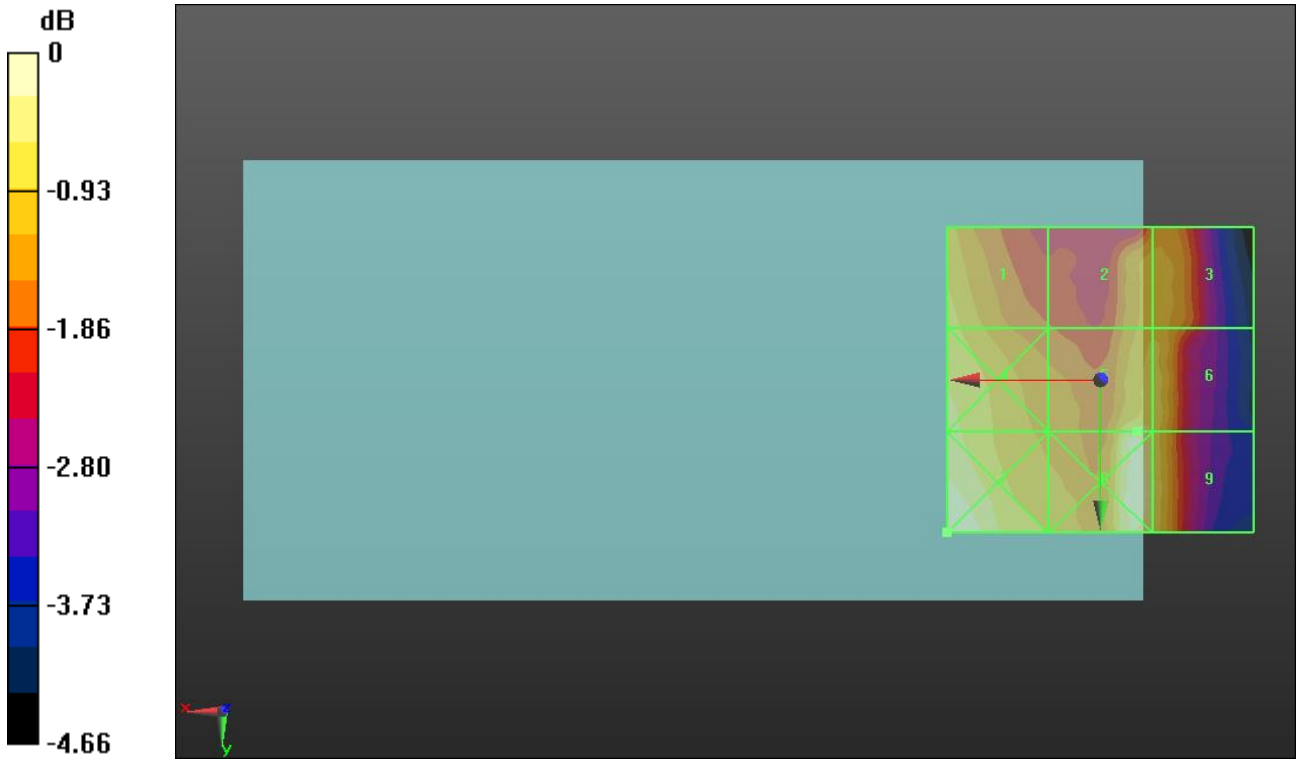
Communication System: UID 10295 - AAA, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 1175/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 = 29.81 V/m; Power Drift = 1.66 dB
Applied MIF = 3.26 dB
RF audio interference level = 30.99 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.67 dBV/m**	Grid 2 **M3** **30.41 dBV/m**	Grid 3 **M3** **30.41 dBV/m**
Grid 4 **M3** **30.91 dBV/m**	Grid 5 **M3** **30.99 dBV/m**	Grid 6 **M3** **30.75 dBV/m**
Grid 7 **M3** **31.42 dBV/m**	Grid 8 **M3** **31.27 dBV/m**	Grid 9 **M3** **30.9 dBV/m**



0 dB = 37.25 V/m = 31.42 dBV/m

HAC-RF Emission CDMA BC10

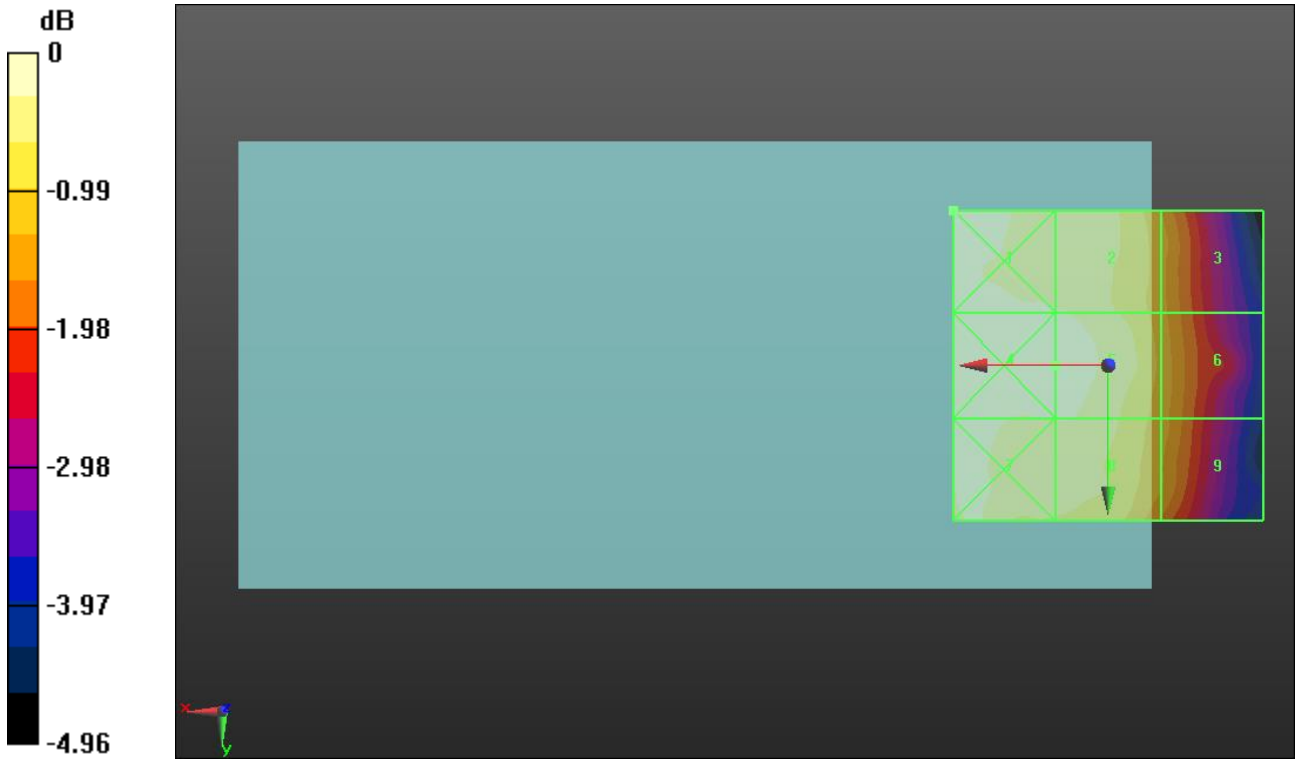
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC10 E-Field measurement/RC1_SO3_ch 476/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 = 38.67 V/m; Power Drift = 0.70 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.19 dBV/m**	Grid 2 **M4** **31.88 dBV/m**	Grid 3 **M4** **31.04 dBV/m**
Grid 4 **M4** **32.15 dBV/m**	Grid 5 **M4** **32.12 dBV/m**	Grid 6 **M4** **31.11 dBV/m**
Grid 7 **M4** **31.98 dBV/m**	Grid 8 **M4** **31.87 dBV/m**	Grid 9 **M4** **31.05 dBV/m**



0 dB = 40.70 V/m = 32.19 dBV/m

HAC-RF Emission CDMA BC10

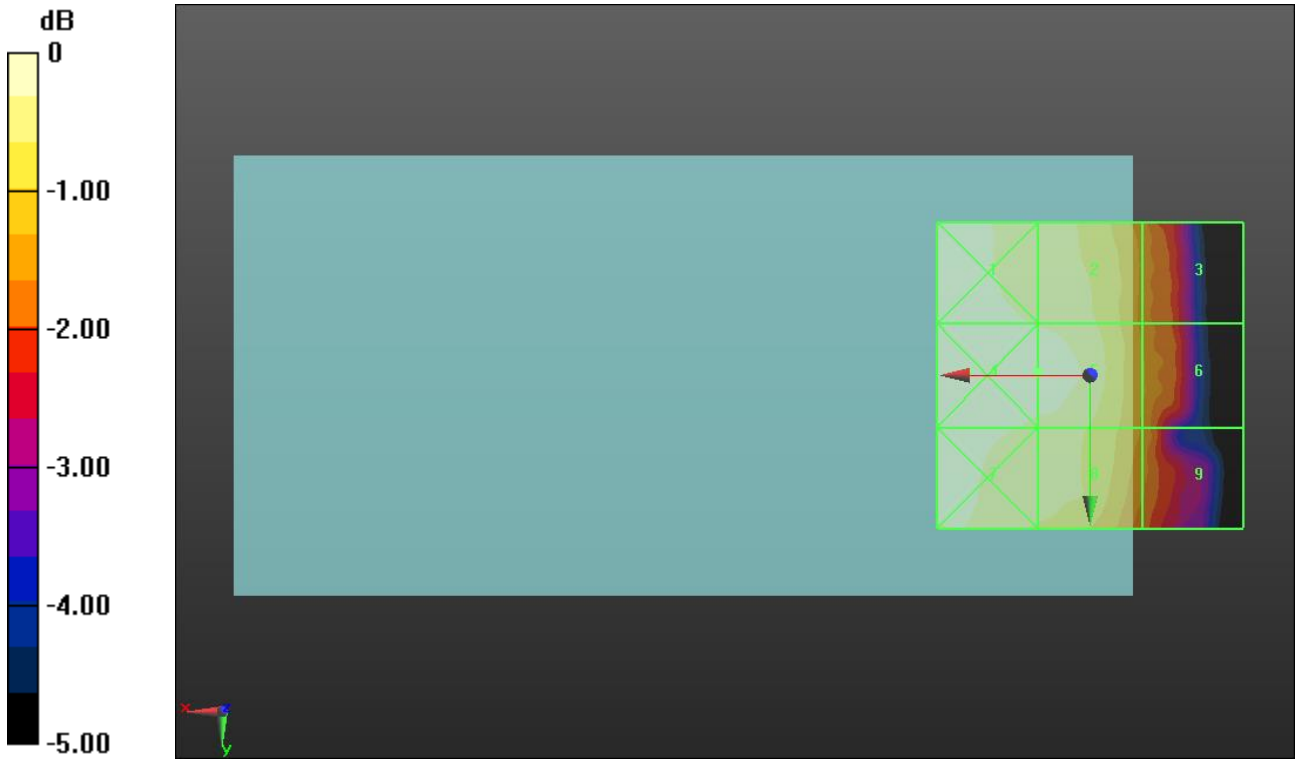
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC10 E-Field measurement/RC1_SO3__ch 580/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 = 40.43 V/m; Power Drift = -2.14 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.61 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.73 dBV/m**	Grid 2 **M4** **32.42 dBV/m**	Grid 3 **M4** **31.39 dBV/m**
Grid 4 **M4** **32.77 dBV/m**	Grid 5 **M4** **32.61 dBV/m**	Grid 6 **M4** **31.5 dBV/m**
Grid 7 **M4** **32.61 dBV/m**	Grid 8 **M4** **32.39 dBV/m**	Grid 9 **M4** **31.4 dBV/m**



0 dB = 43.48 V/m = 32.77 dBV/m

HAC-RF Emission CDMA BC10

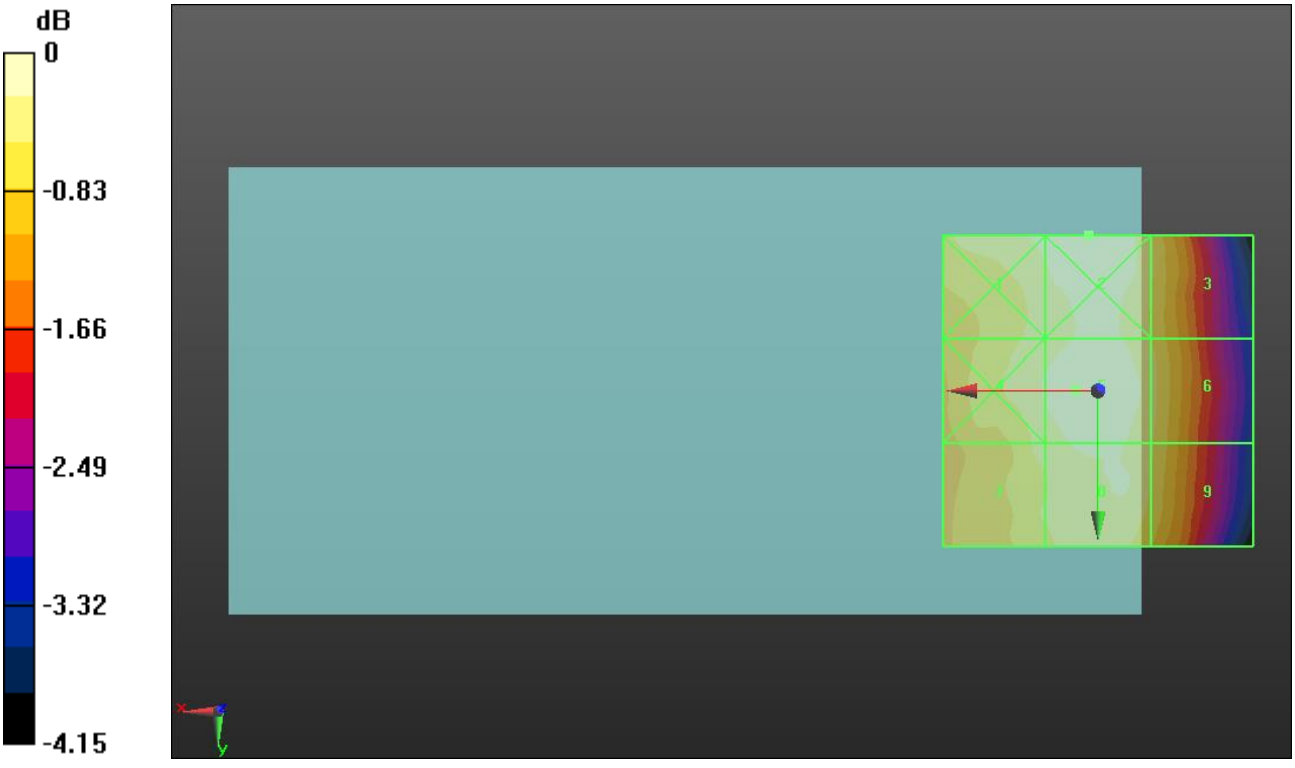
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

CDMA BC10 E-Field measurement/RC1_SO3__ch 684/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 = 32.15 V/m; Power Drift = -0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 30.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.4 dBV/m**	Grid 2 **M4** **30.59 dBV/m**	Grid 3 **M4** **30.11 dBV/m**
Grid 4 **M4** **30.35 dBV/m**	Grid 5 **M4** **30.54 dBV/m**	Grid 6 **M4** **30.16 dBV/m**
Grid 7 **M4** **30.16 dBV/m**	Grid 8 **M4** **30.36 dBV/m**	Grid 9 **M4** **30.09 dBV/m**



0 dB = 33.86 V/m = 30.59 dBV/m

HAC-RF Emission LTE Band 41

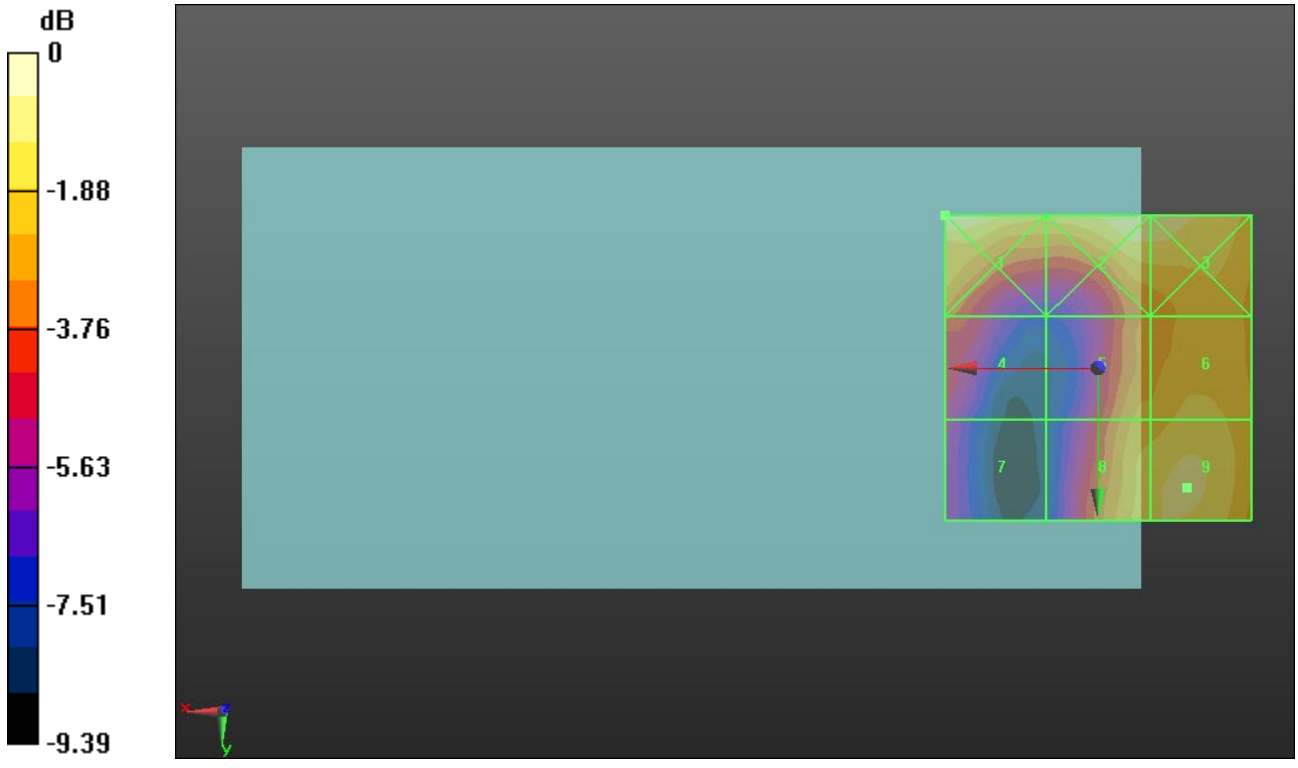
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

LTE Band 41_20MHz E-Field measurement/RB1/0_ch 39750/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 = 8.328 V/m; Power Drift = 0.71 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.46 dBV/m**	Grid 2 **M4** **19.94 dBV/m**	Grid 3 **M4** **19.95 dBV/m**
Grid 4 **M4** **16.94 dBV/m**	Grid 5 **M4** **18.28 dBV/m**	Grid 6 **M4** **18.83 dBV/m**
Grid 7 **M4** **15.25 dBV/m**	Grid 8 **M4** **19.04 dBV/m**	Grid 9 **M4** **19.36 dBV/m**



0 dB = 10.55 V/m = 20.47 dBV/m

HAC-RF Emission LTE Band 41

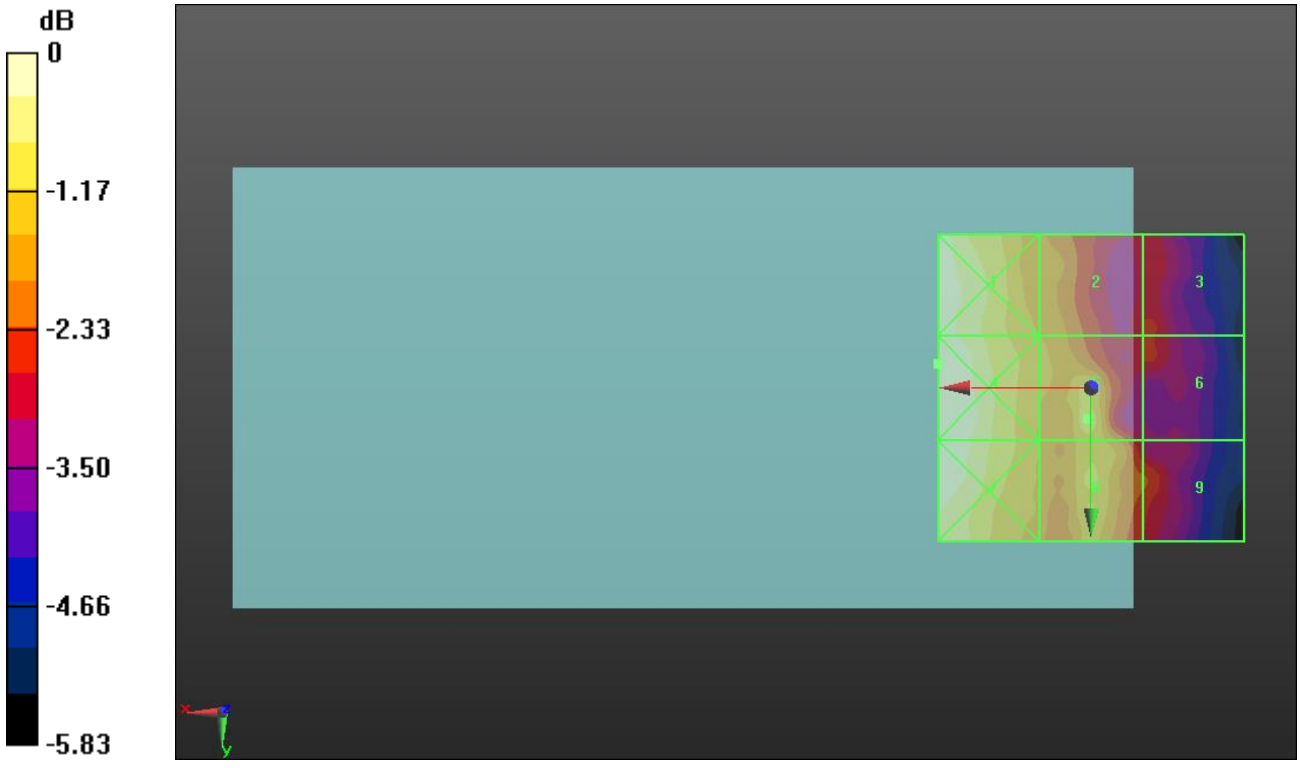
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

LTE Band 41_20MHz E-Field measurement/RB1/0_ch 40185/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 = 30.82 V/m; Power Drift = -0.24 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.16 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.05 dBV/m**	Grid 2 **M4** **25.55 dBV/m**	Grid 3 **M4** **24.48 dBV/m**
Grid 4 **M4** **27.09 dBV/m**	Grid 5 **M4** **26.16 dBV/m**	Grid 6 **M4** **24.47 dBV/m**
Grid 7 **M4** **26.98 dBV/m**	Grid 8 **M4** **26 dBV/m**	Grid 9 **M4** **24.83 dBV/m**



0 dB = 22.61 V/m = 27.09 dBV/m

HAC-RF Emission LTE Band 41

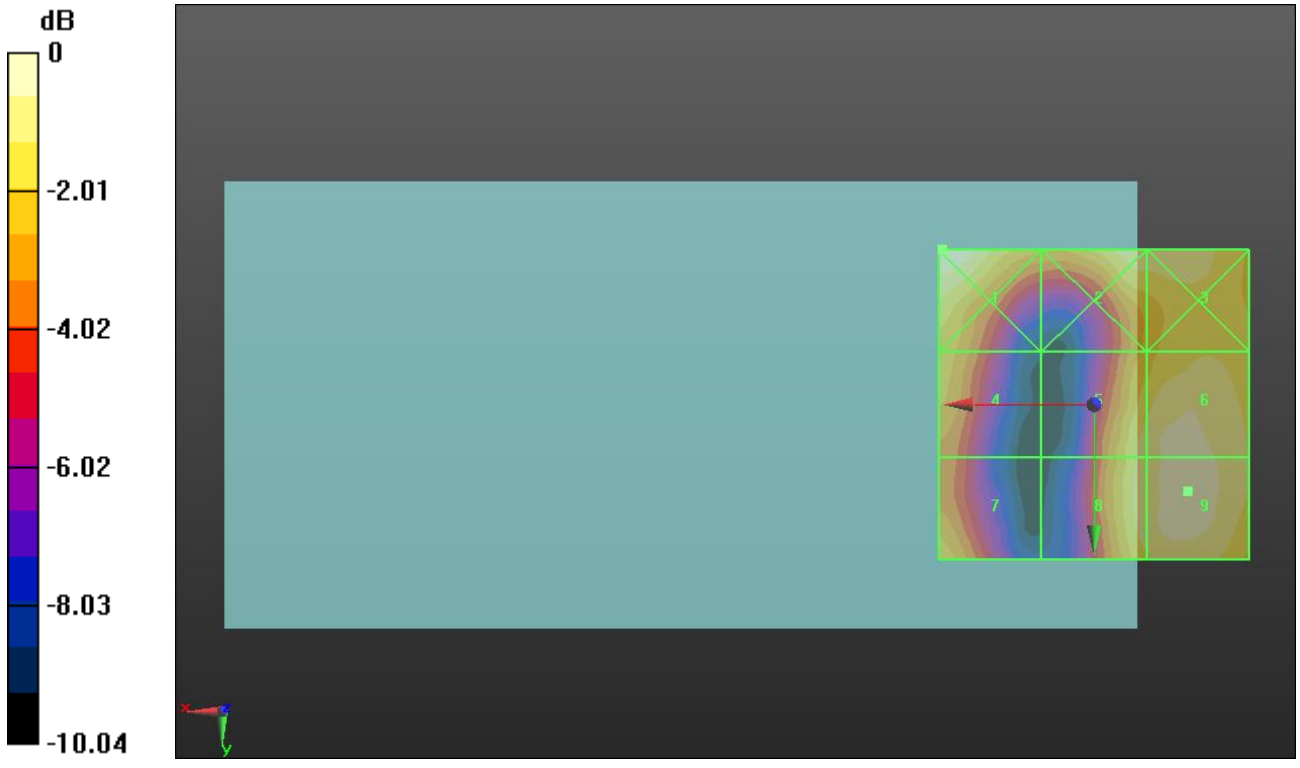
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

LTE Band 41_20MHz E-Field measurement/RB1/0_ch 40620/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 = 9.095 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.83 dBV/m**	Grid 2 **M4** **20.03 dBV/m**	Grid 3 **M4** **20.05 dBV/m**
Grid 4 **M4** **18.55 dBV/m**	Grid 5 **M4** **19.8 dBV/m**	Grid 6 **M4** **20.46 dBV/m**
Grid 7 **M4** **18.62 dBV/m**	Grid 8 **M4** **19.88 dBV/m**	Grid 9 **M4** **20.54 dBV/m**



0 dB = 11.00 V/m = 20.83 dBV/m

HAC-RF Emission LTE Band 41

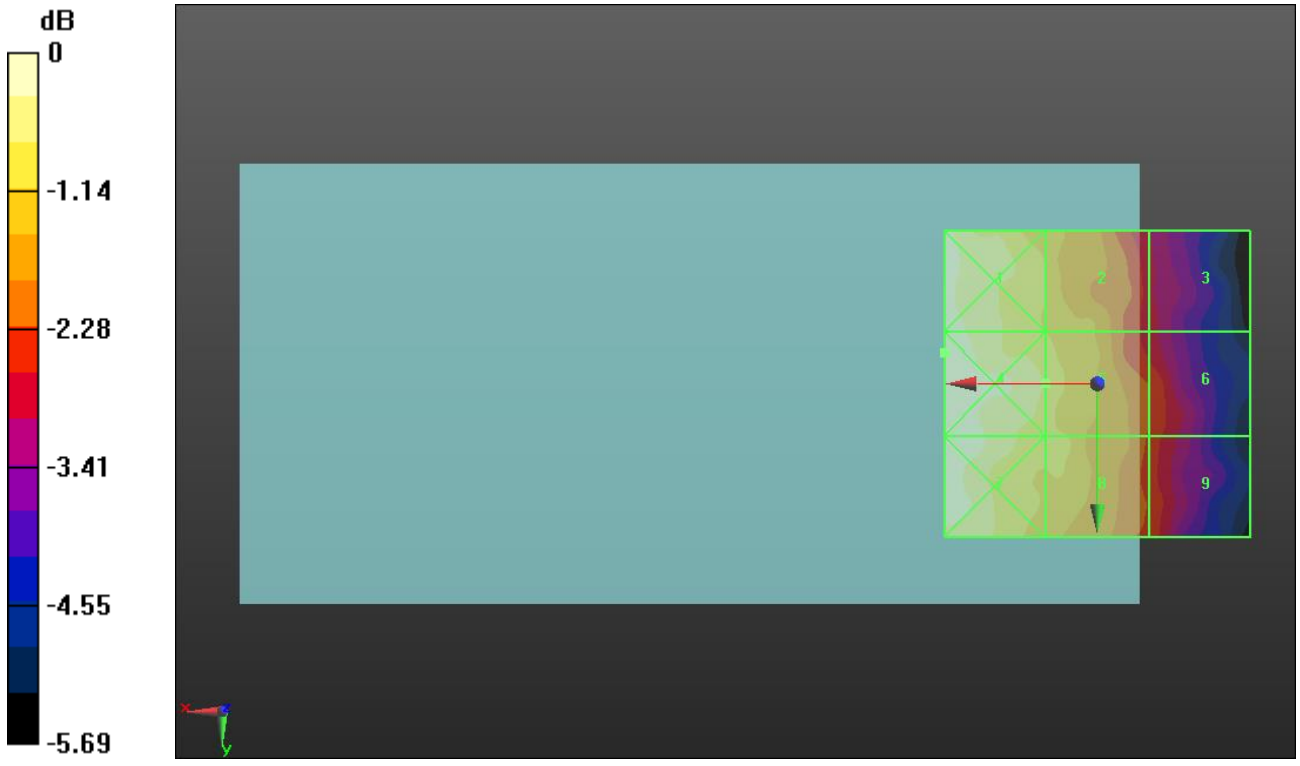
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

LTE Band 41_20MHz E-Field measurement/RB1/0_ch 41055/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 = 26.07 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.64 dBV/m**	Grid 2 **M4** **24.64 dBV/m**	Grid 3 **M4** **22.92 dBV/m**
Grid 4 **M4** **25.73 dBV/m**	Grid 5 **M4** **24.92 dBV/m**	Grid 6 **M4** **23.48 dBV/m**
Grid 7 **M4** **25.65 dBV/m**	Grid 8 **M4** **24.72 dBV/m**	Grid 9 **M4** **23.42 dBV/m**



0 dB = 19.34 V/m = 25.73 dBV/m

HAC-RF Emission LTE Band 41

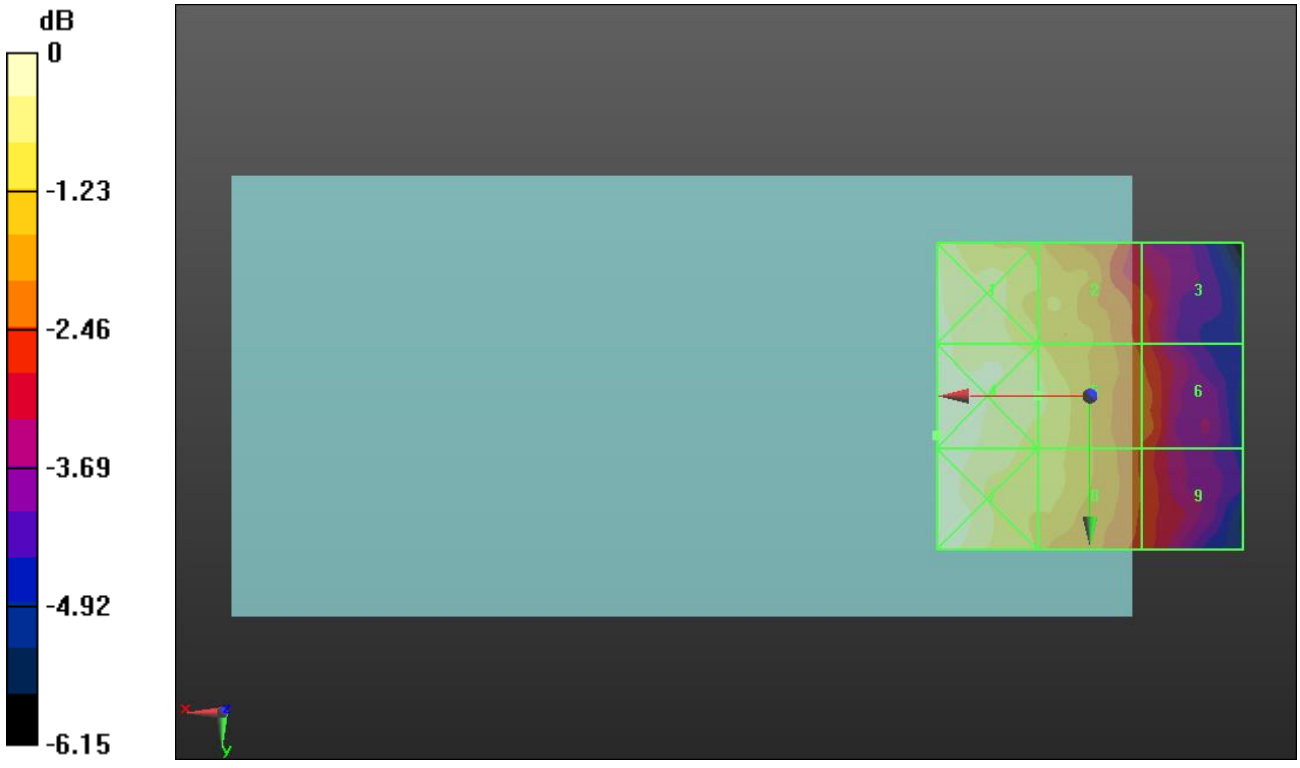
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 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)

LTE Band 41_20MHz E-Field measurement/RB1/0_ch 41490/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 = 22.93 V/m; Power Drift = 0.30 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.77 dBV/m**	Grid 2 **M4** **23.76 dBV/m**	Grid 3 **M4** **22.31 dBV/m**
Grid 4 **M4** **24.9 dBV/m**	Grid 5 **M4** **24.24 dBV/m**	Grid 6 **M4** **22.69 dBV/m**
Grid 7 **M4** **24.88 dBV/m**	Grid 8 **M4** **23.93 dBV/m**	Grid 9 **M4** **22.44 dBV/m**



0 dB = 17.59 V/m = 24.91 dBV/m