# HAC-RF Emission

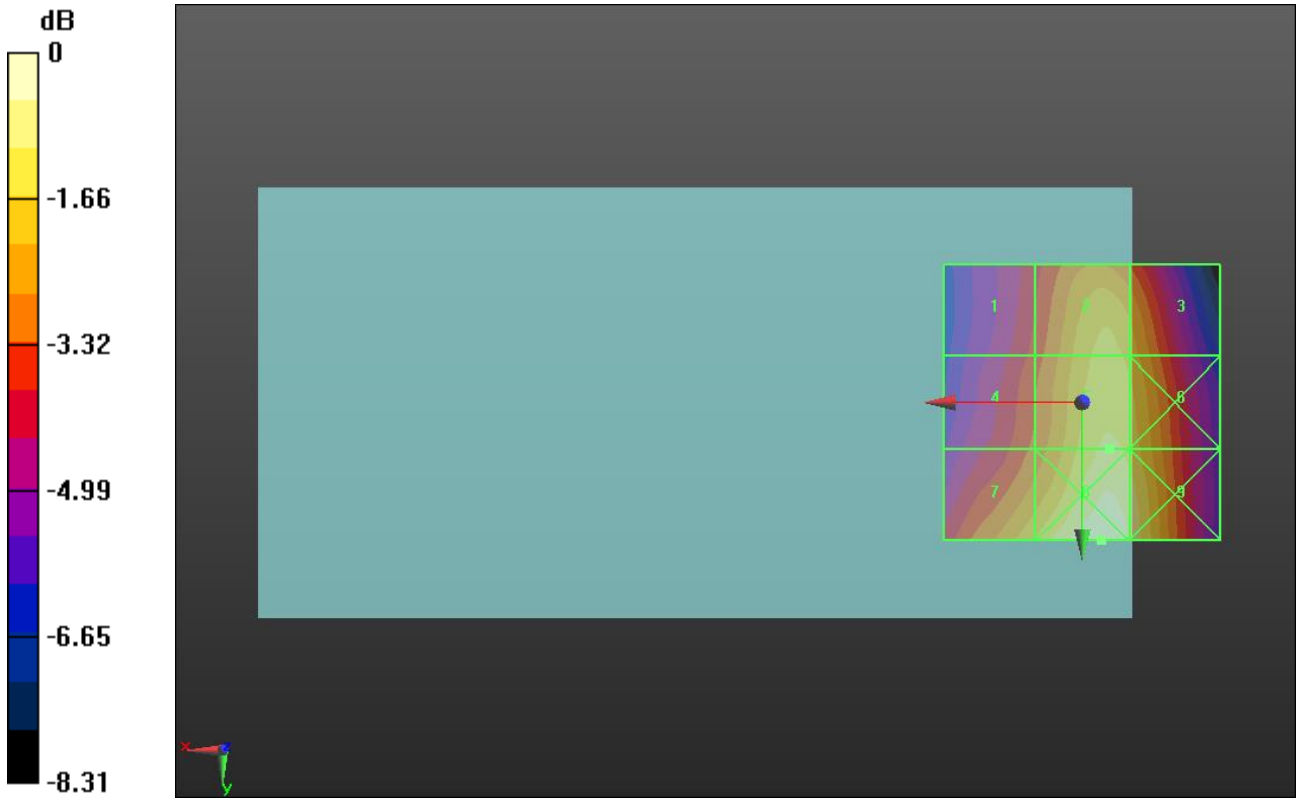
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## UAT_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 = 62.33 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.79 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **34.17 dBV/m** | Grid 2 **M4** **36.31 dBV/m** | Grid 3 **M4** **35.92 dBV/m** |
| Grid 4 **M4** **34.68 dBV/m** | Grid 5 **M4** **36.79 dBV/m** | Grid 6 **M4** **36.49 dBV/m** |
| Grid 7 **M4** **36.17 dBV/m** | Grid 8 **M4** **37.77 dBV/m** | Grid 9 **M4** **37.18 dBV/m** |




0 dB = 77.34 V/m = 37.77 dBV/m

# HAC-RF Emission

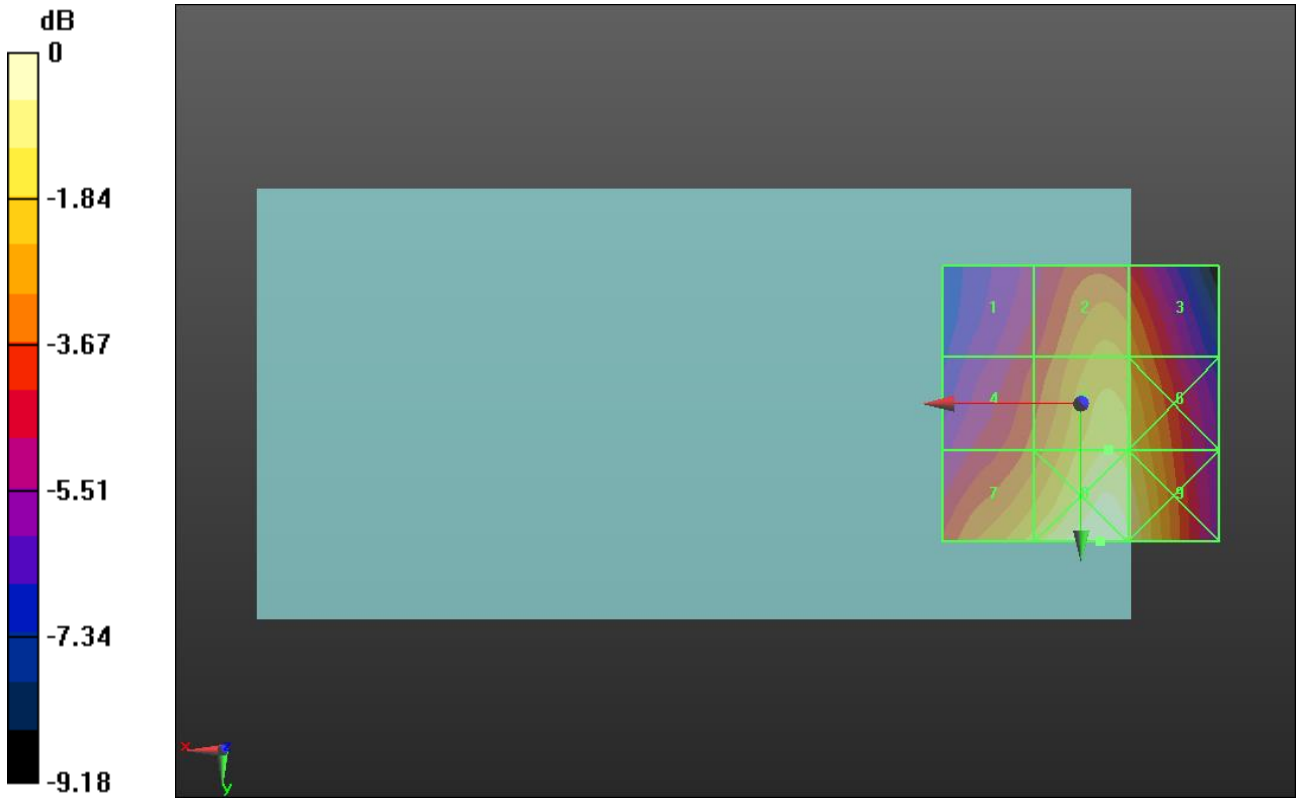
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## UAT_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 = 76.14 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.75 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **35.66 dBV/m** | Grid 2 **M4** **37.76 dBV/m** | Grid 3 **M4** **37.42 dBV/m** |
| Grid 4 **M4** **36.61 dBV/m** | Grid 5 **M4** **38.75 dBV/m** | Grid 6 **M4** **38.46 dBV/m** |
| Grid 7 **M4** **38.44 dBV/m** | Grid 8 **M4** **39.96 dBV/m** | Grid 9 **M4** **39.38 dBV/m** |




0 dB = 99.58 V/m = 39.96 dBV/m

# HAC-RF Emission

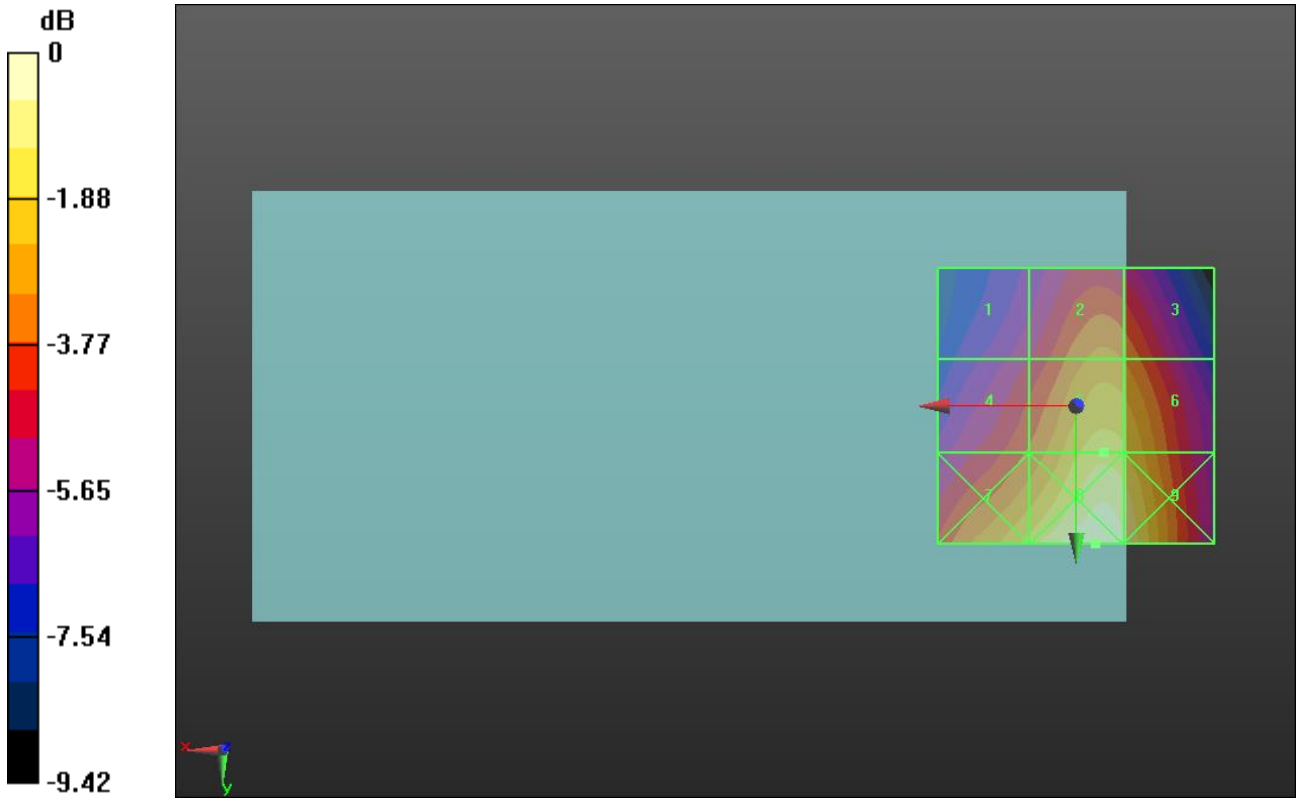
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## UAT_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 = 76.68 V/m; Power Drift = 0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.10 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **35.53 dBV/m** | Grid 2 **M4** **37.65 dBV/m** | Grid 3 **M4** **37.38 dBV/m** |
| Grid 4 **M4** **36.94 dBV/m** | Grid 5 **M4** **39.1 dBV/m** | Grid 6 **M4** **38.82 dBV/m** |
| Grid 7 **M4** **38.97 dBV/m** | Grid 8 **M3** **40.55 dBV/m** | Grid 9 **M4** **39.97 dBV/m** |




0 dB = 106.5 V/m = 40.55 dBV/m

# HAC-RF Emission

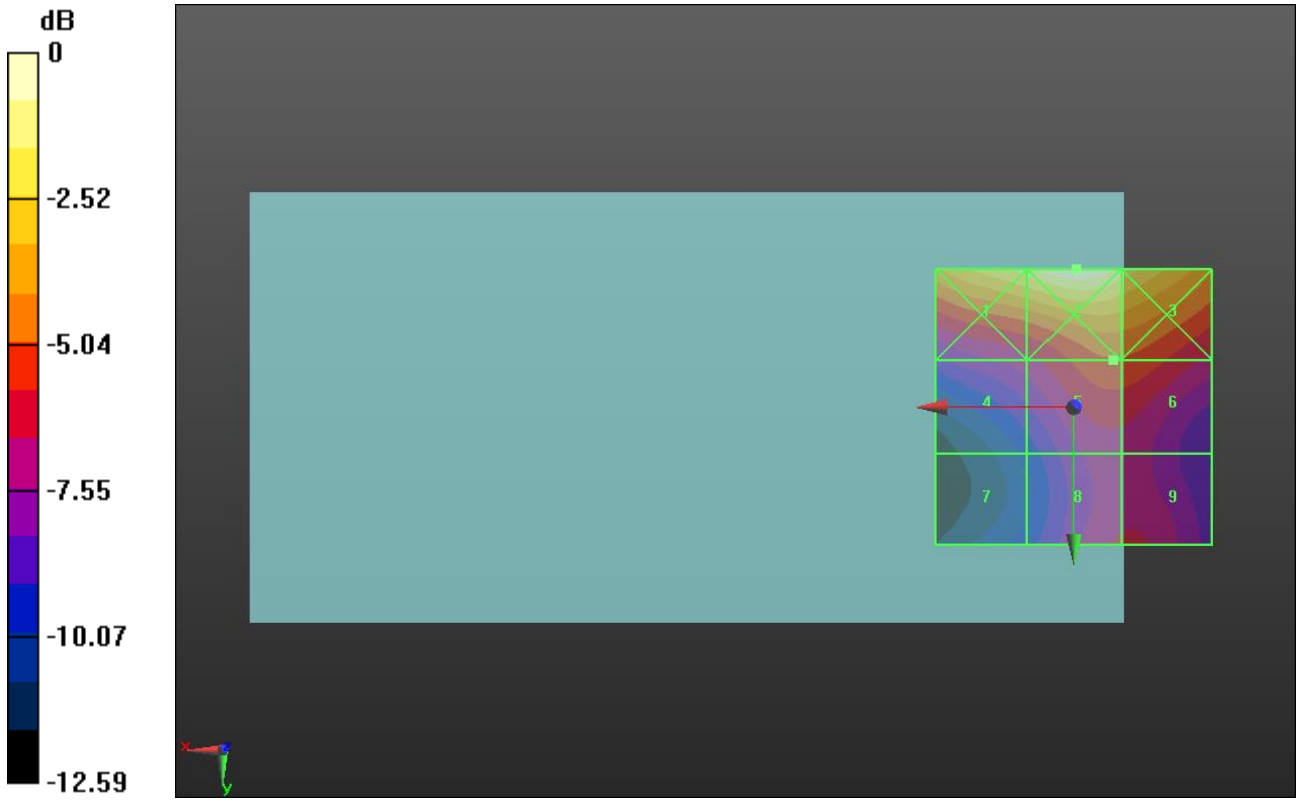
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## UAT_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 = 22.65 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.11 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **34.03 dBV/m** | Grid 2 **M2** **35.2 dBV/m** | Grid 3 **M3** **34.15 dBV/m** |
| Grid 4 **M4** **28.21 dBV/m** | Grid 5 **M3** **30.11 dBV/m** | Grid 6 **M3** **30.08 dBV/m** |
| Grid 7 **M4** **25.71 dBV/m** | Grid 8 **M4** **28.67 dBV/m** | Grid 9 **M4** **28.7 dBV/m** |




0 dB = 57.53 V/m = 35.20 dBV/m

# HAC-RF Emission

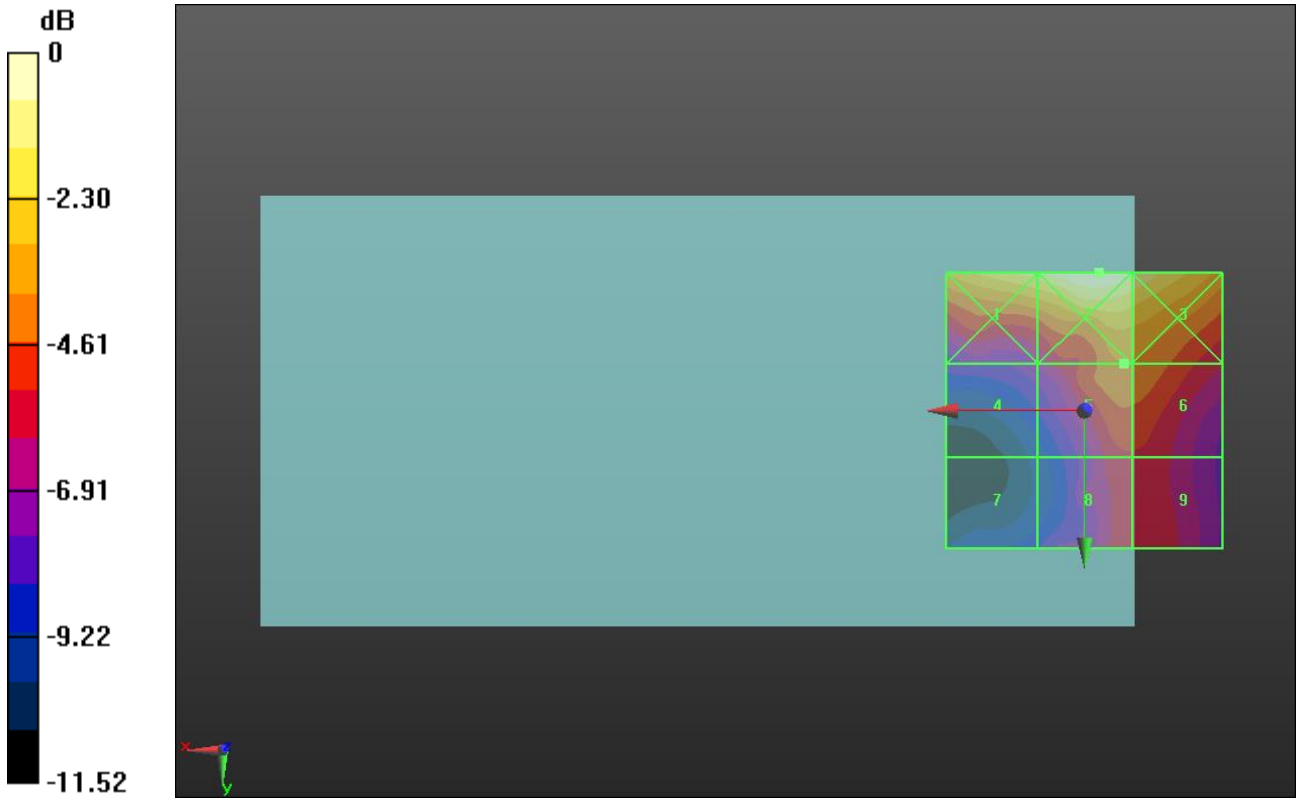
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## UAT_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 = 23.50 V/m; Power Drift = 0.72 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.71 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **33.59 dBV/m** | Grid 2 **M3** **34.57 dBV/m** | Grid 3 **M3** **34.02 dBV/m** |
| Grid 4 **M4** **27.67 dBV/m** | Grid 5 **M3** **30.71 dBV/m** | Grid 6 **M3** **30.67 dBV/m** |
| Grid 7 **M4** **26.11 dBV/m** | Grid 8 **M4** **29.1 dBV/m** | Grid 9 **M4** **29.09 dBV/m** |




0 dB = 53.51 V/m = 34.57 dBV/m

# HAC-RF Emission

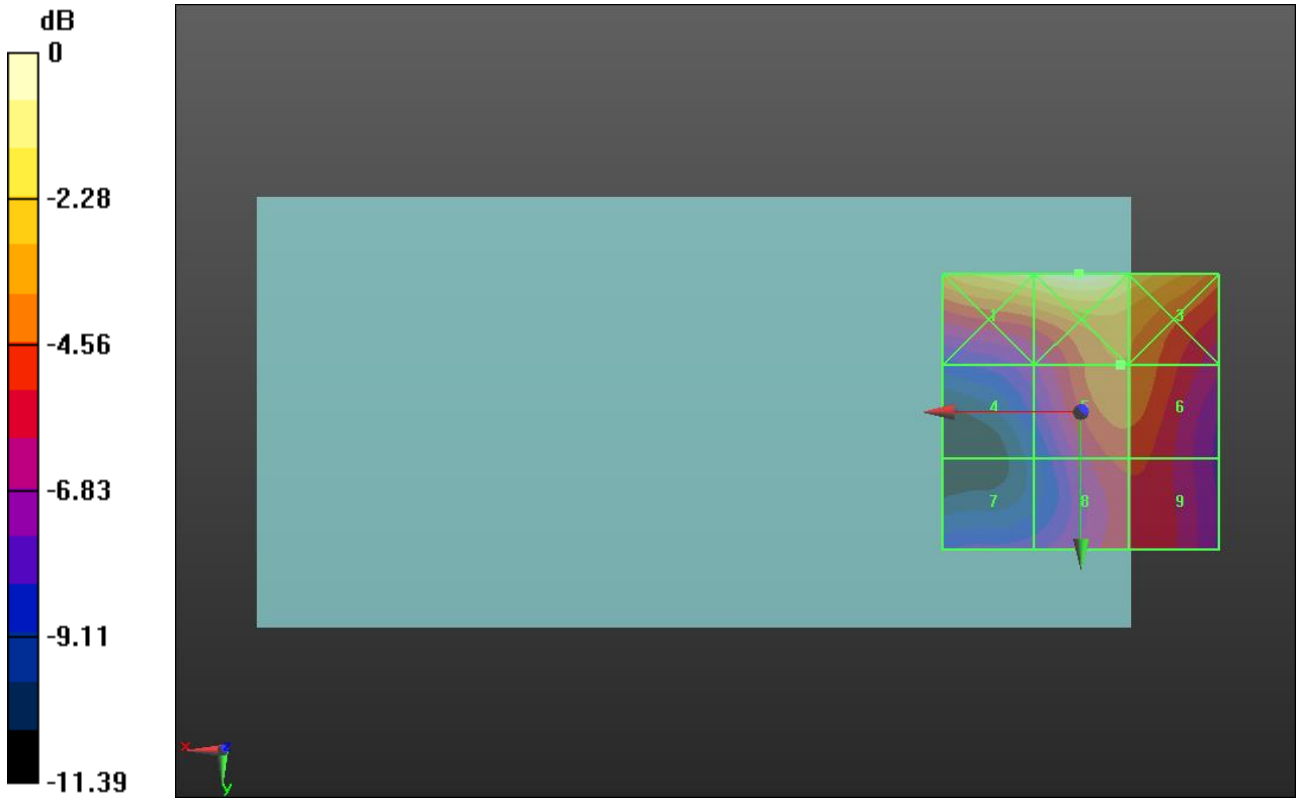
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## UAT_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 = 27.30 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.75 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **33.57 dBV/m** | Grid 2 **M3** **34.54 dBV/m** | Grid 3 **M3** **33.28 dBV/m** |
| Grid 4 **M4** **27.67 dBV/m** | Grid 5 **M3** **30.75 dBV/m** | Grid 6 **M3** **30.7 dBV/m** |
| Grid 7 **M4** **26.85 dBV/m** | Grid 8 **M4** **29.46 dBV/m** | Grid 9 **M4** **29.46 dBV/m** |




0 dB = 53.36 V/m = 34.54 dBV/m

# HAC-RF Emission

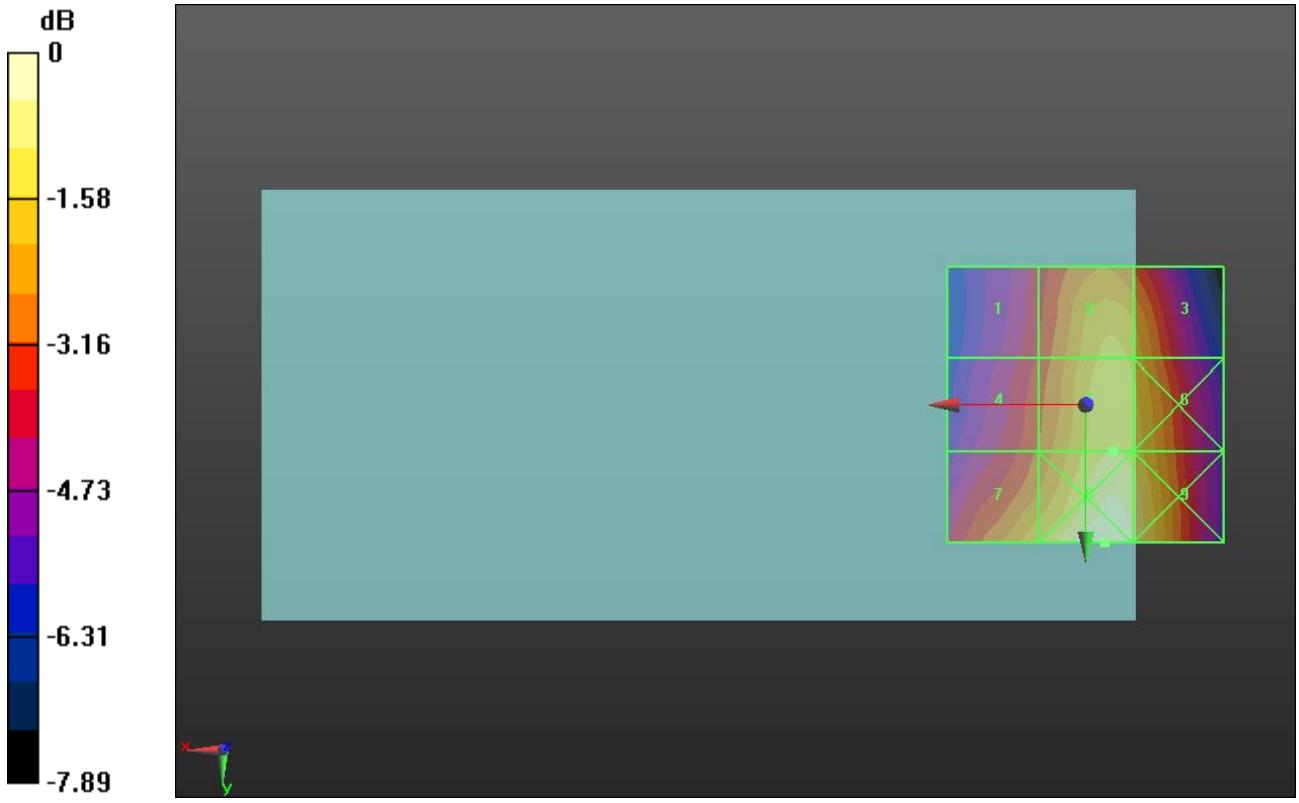
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC0 E-Field measurement/Voice_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 = 25.80 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.75 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **26.18 dBV/m** | Grid 2 **M4** **28.36 dBV/m** | Grid 3 **M4** **28.03 dBV/m** |
| Grid 4 **M4** **26.72 dBV/m** | Grid 5 **M4** **28.75 dBV/m** | Grid 6 **M4** **28.51 dBV/m** |
| Grid 7 **M4** **28.22 dBV/m** | Grid 8 **M4** **29.75 dBV/m** | Grid 9 **M4** **29.24 dBV/m** |




0 dB = 30.73 V/m = 29.75 dBV/m

# HAC-RF Emission

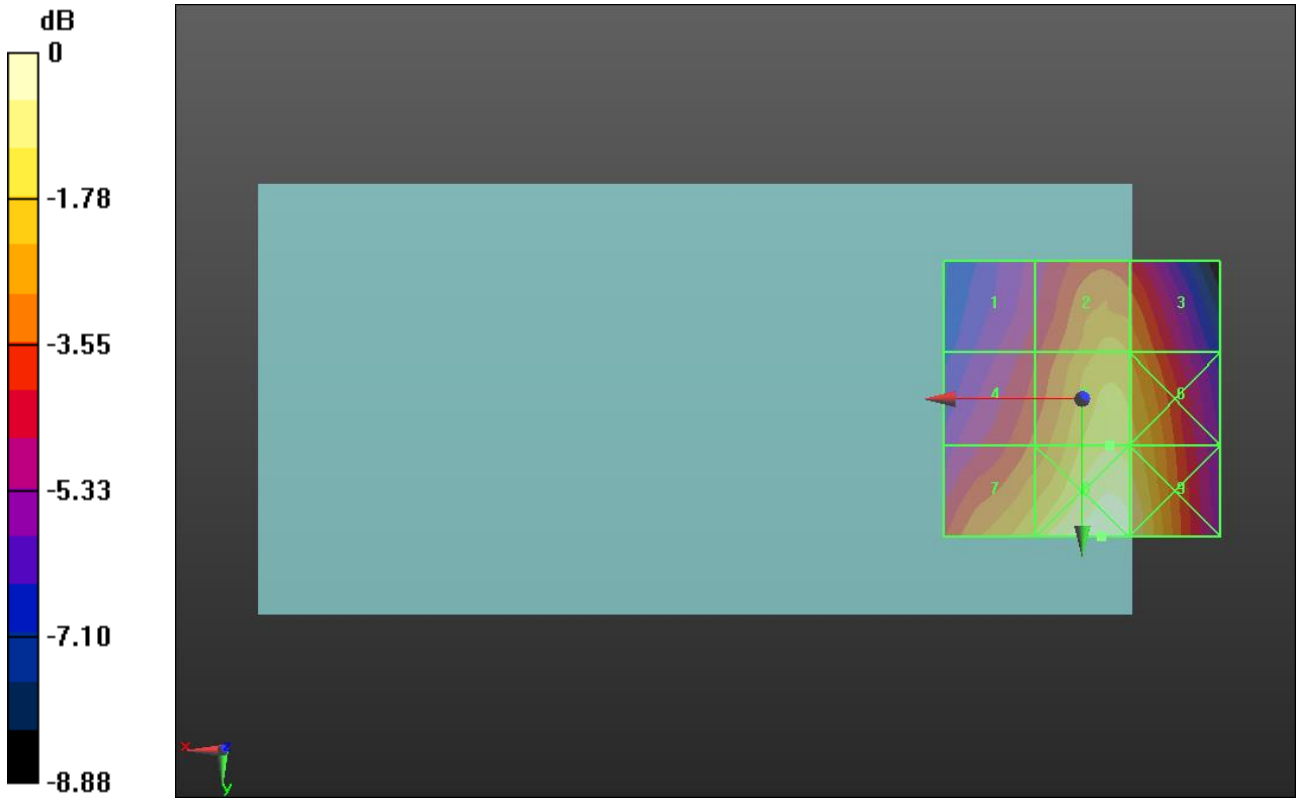
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC0 E-Field measurement/Voice_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 = 27.47 V/m; Power Drift = -0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.52 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **26.46 dBV/m** | Grid 2 **M4** **28.63 dBV/m** | Grid 3 **M4** **28.31 dBV/m** |
| Grid 4 **M4** **27.4 dBV/m** | Grid 5 **M4** **29.52 dBV/m** | Grid 6 **M4** **29.31 dBV/m** |
| Grid 7 **M4** **29.13 dBV/m** | Grid 8 **M4** **30.73 dBV/m** | Grid 9 **M4** **30.21 dBV/m** |




0 dB = 34.41 V/m = 30.73 dBV/m

# HAC-RF Emission

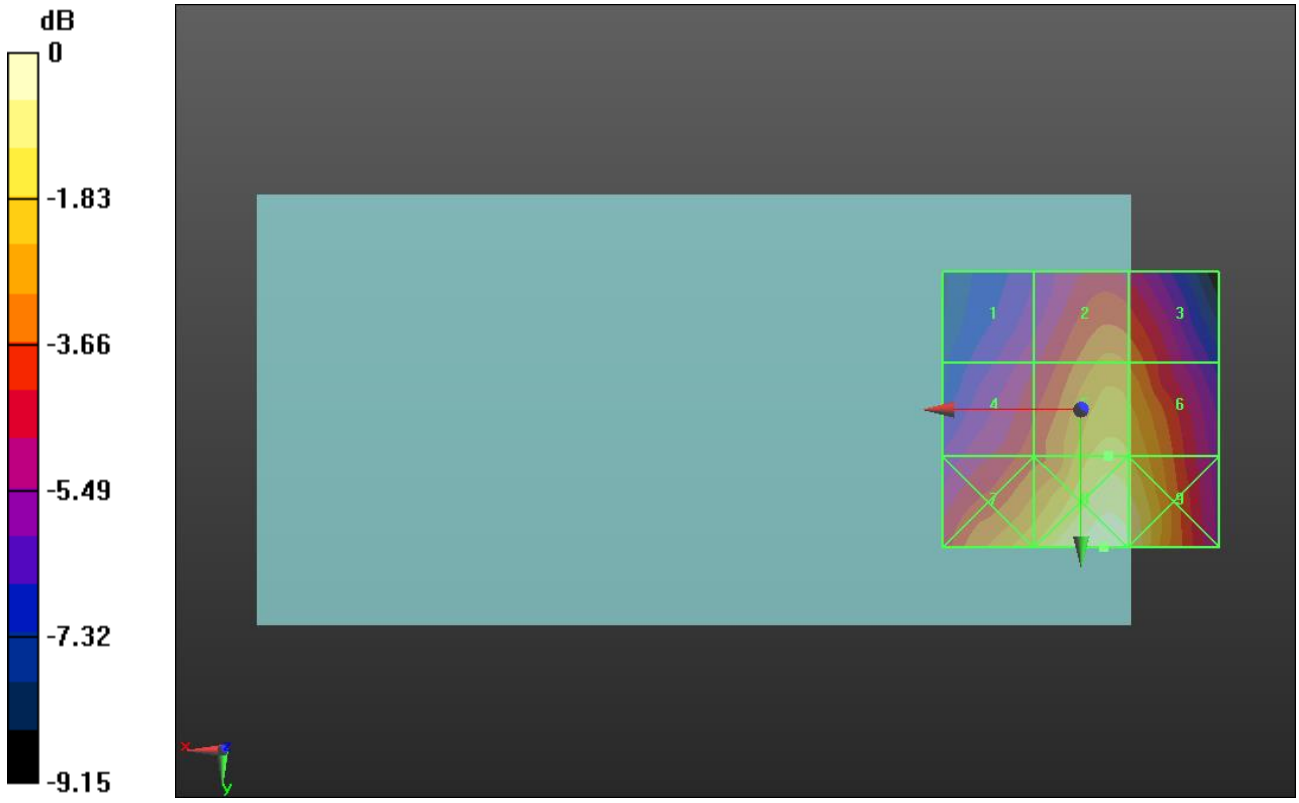
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC0 E-Field measurement/Voice_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 = 28.39 V/m; Power Drift = 0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 30.13 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **26.66 dBV/m** | Grid 2 **M4** **28.79 dBV/m** | Grid 3 **M4** **28.54 dBV/m** |
| Grid 4 **M4** **27.81 dBV/m** | Grid 5 **M4** **30.13 dBV/m** | Grid 6 **M4** **29.88 dBV/m** |
| Grid 7 **M4** **29.88 dBV/m** | Grid 8 **M4** **31.63 dBV/m** | Grid 9 **M4** **31.1 dBV/m** |




0 dB = 38.15 V/m = 31.63 dBV/m

# HAC-RF Emission

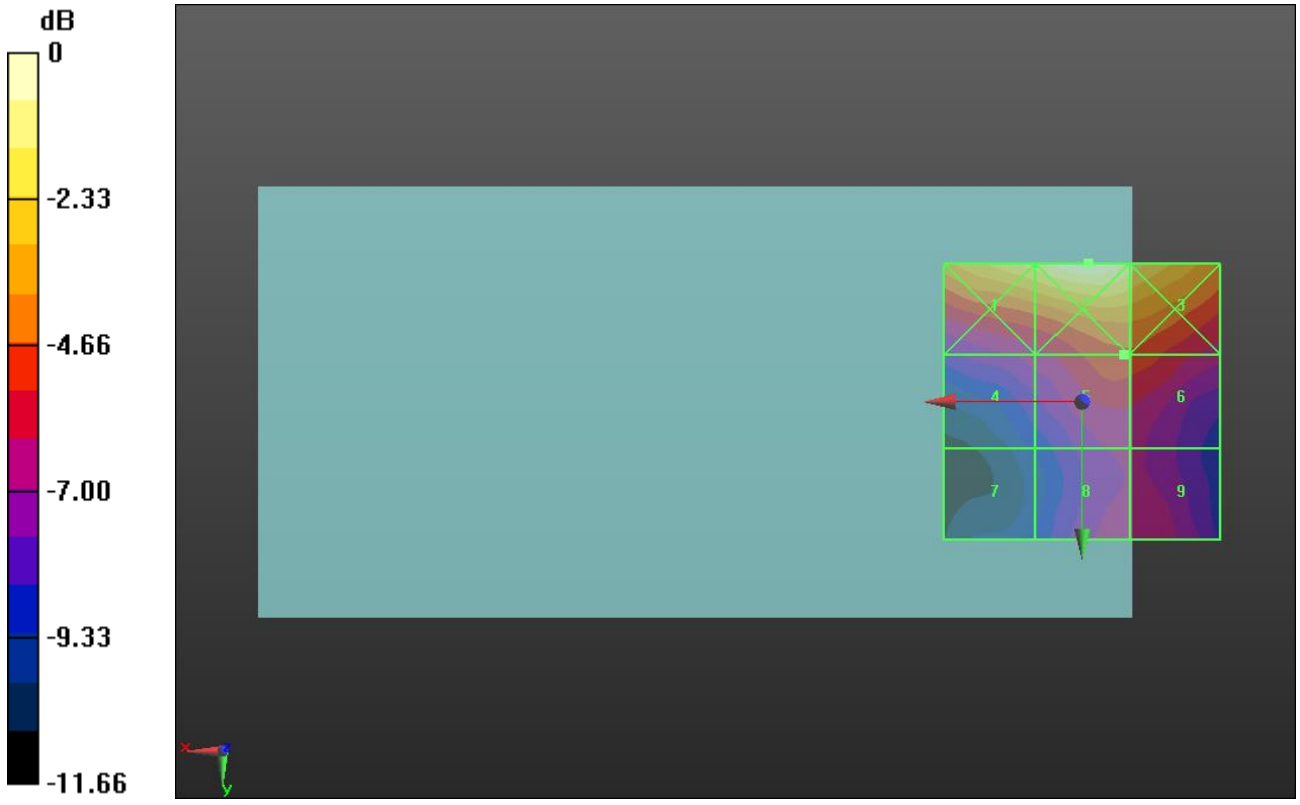
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC1 E-Field measurement/Voice_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 = 9.228 V/m; Power Drift = -0.14 dB
Applied MIF = 3.26 dB
RF audio interference level = 21.89 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.65 dBV/m** | Grid 2 **M4** **26.73 dBV/m** | Grid 3 **M4** **25.8 dBV/m** |
| Grid 4 **M4** **20.19 dBV/m** | Grid 5 **M4** **21.89 dBV/m** | Grid 6 **M4** **21.88 dBV/m** |
| Grid 7 **M4** **17.79 dBV/m** | Grid 8 **M4** **20.38 dBV/m** | Grid 9 **M4** **20.42 dBV/m** |




0 dB = 21.71 V/m = 26.73 dBV/m

# HAC-RF Emission

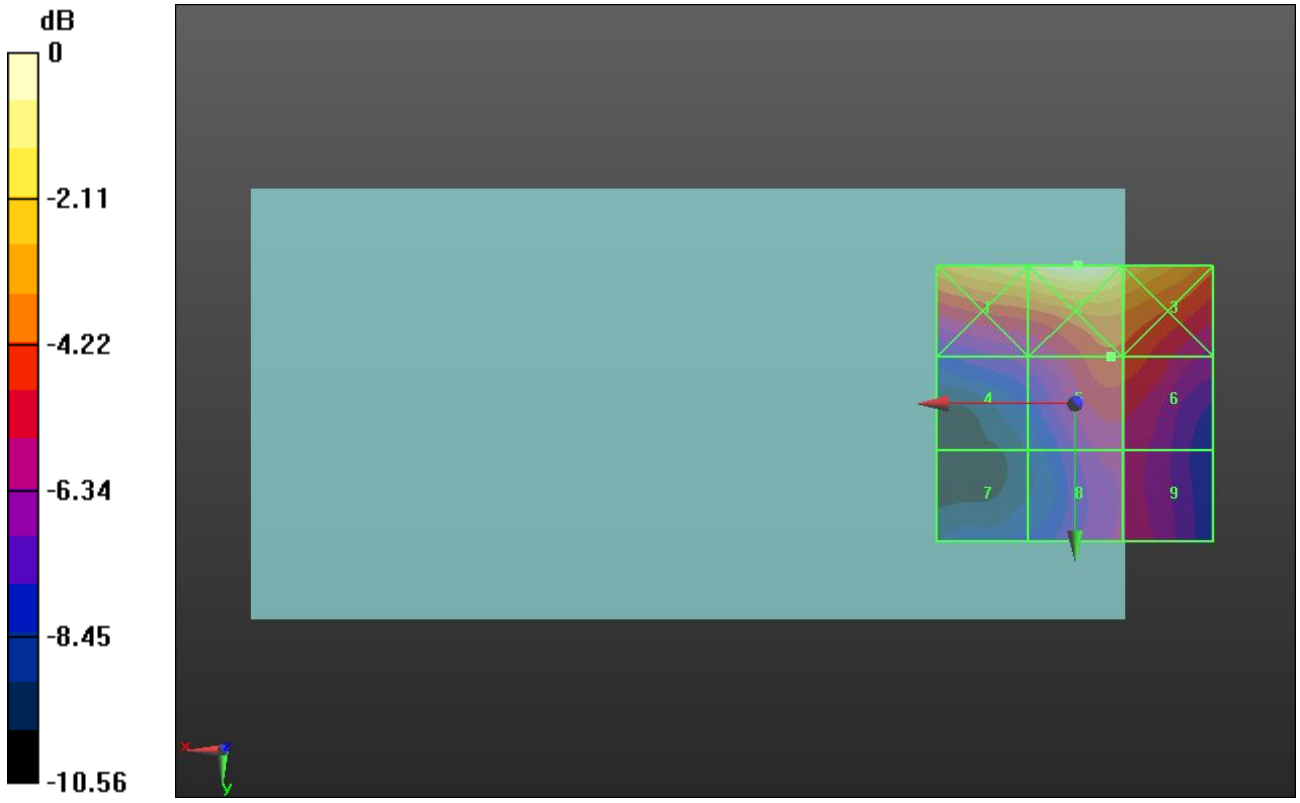
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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)

## UAT_CDMA BC1 E-Field measurement/Voice_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 = 9.555 V/m; Power Drift = -0.10 dB
Applied MIF = 3.26 dB
RF audio interference level = 21.78 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.17 dBV/m** | Grid 2 **M4** **26.16 dBV/m** | Grid 3 **M4** **25.05 dBV/m** |
| Grid 4 **M4** **19.58 dBV/m** | Grid 5 **M4** **21.78 dBV/m** | Grid 6 **M4** **21.72 dBV/m** |
| Grid 7 **M4** **18.09 dBV/m** | Grid 8 **M4** **20.14 dBV/m** | Grid 9 **M4** **20.18 dBV/m** |




0 dB = 20.31 V/m = 26.15 dBV/m

# HAC-RF Emission

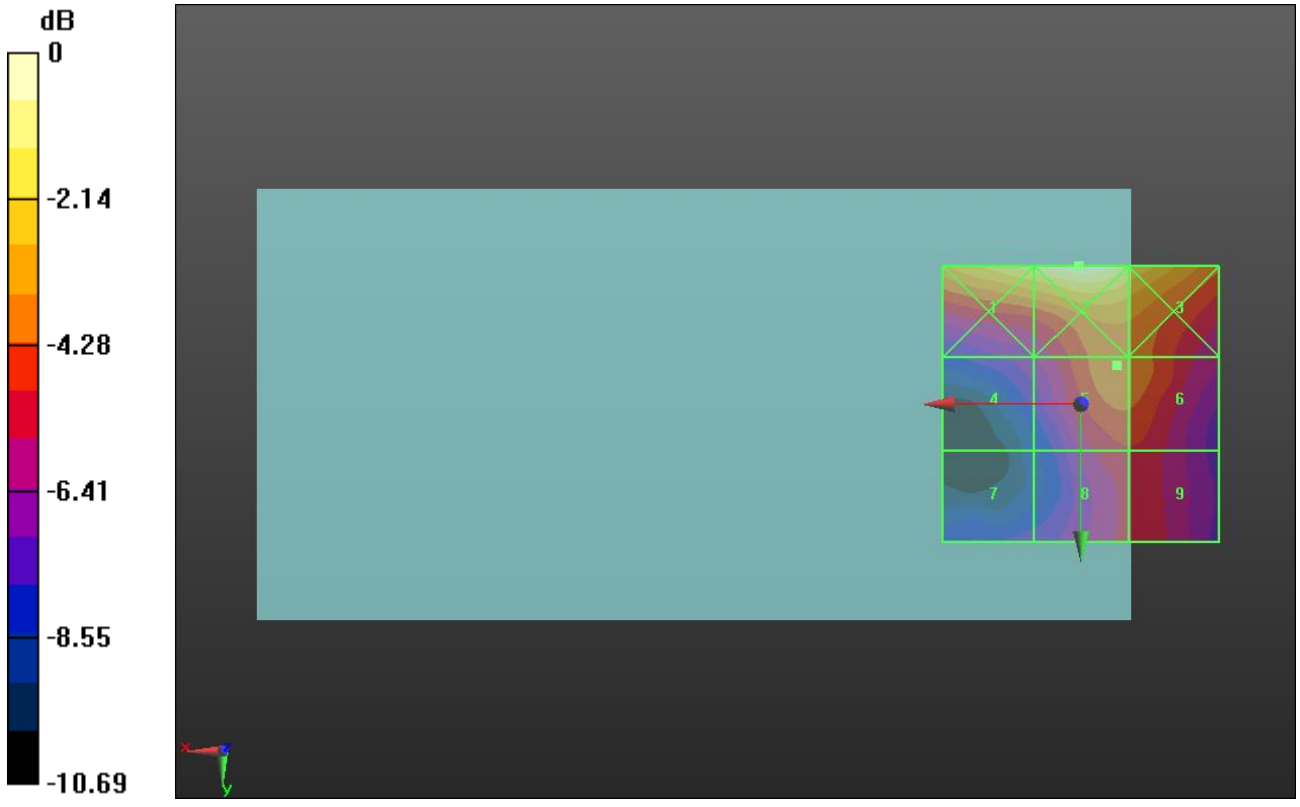
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC1 E-Field measurement/Voice_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 = 9.861 V/m; Power Drift = -0.15 dB
Applied MIF = 3.26 dB
RF audio interference level = 21.60 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.36 dBV/m** | Grid 2 **M4** **25.31 dBV/m** | Grid 3 **M4** **24.09 dBV/m** |
| Grid 4 **M4** **18.91 dBV/m** | Grid 5 **M4** **21.6 dBV/m** | Grid 6 **M4** **21.54 dBV/m** |
| Grid 7 **M4** **18.09 dBV/m** | Grid 8 **M4** **20.26 dBV/m** | Grid 9 **M4** **20.26 dBV/m** |




0 dB = 18.44 V/m = 25.32 dBV/m

# HAC-RF Emission

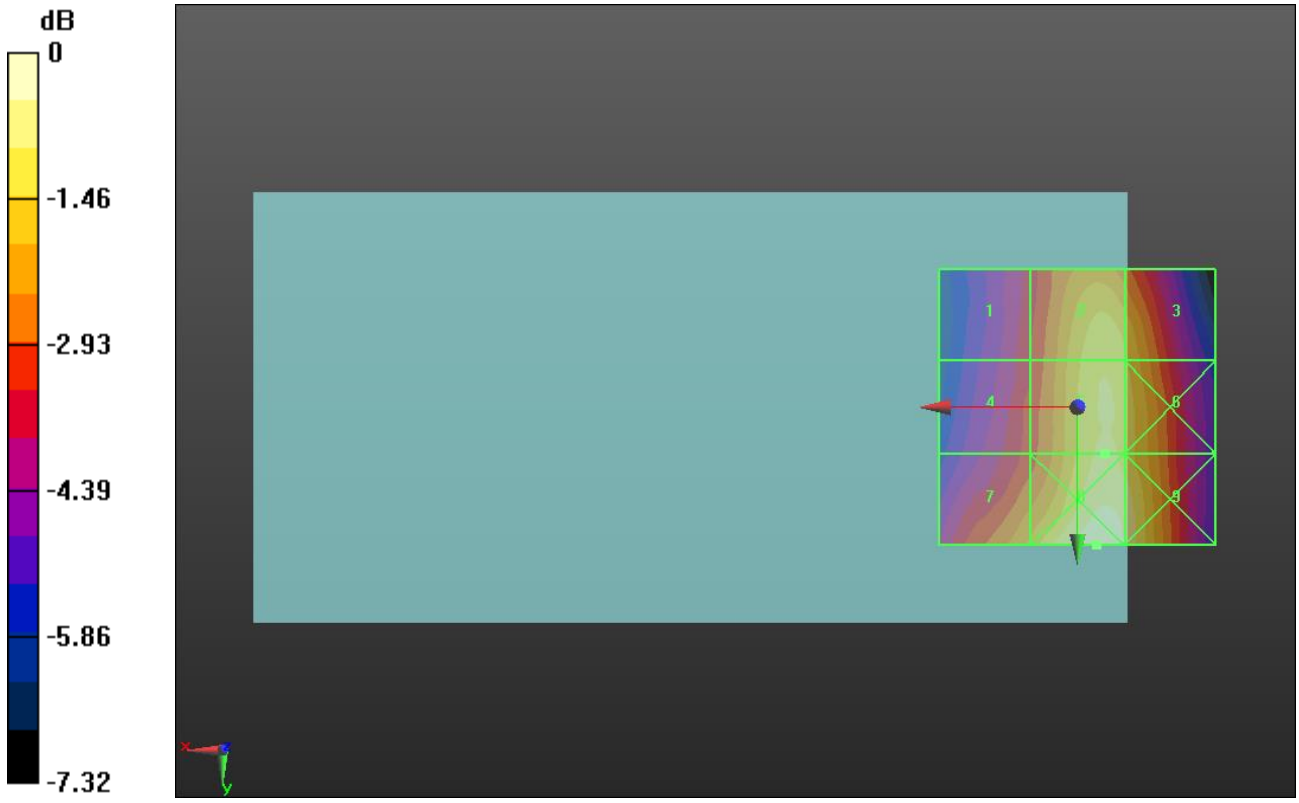
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC10 E-Field measurement/Voice_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 = 24.70 V/m; Power Drift = -0.13 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.43 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.88 dBV/m** | Grid 2 **M4** **28.21 dBV/m** | Grid 3 **M4** **27.9 dBV/m** |
| Grid 4 **M4** **26.15 dBV/m** | Grid 5 **M4** **28.43 dBV/m** | Grid 6 **M4** **28.12 dBV/m** |
| Grid 7 **M4** **27.48 dBV/m** | Grid 8 **M4** **29.26 dBV/m** | Grid 9 **M4** **28.77 dBV/m** |




0 dB = 29.06 V/m = 29.27 dBV/m

# HAC-RF Emission

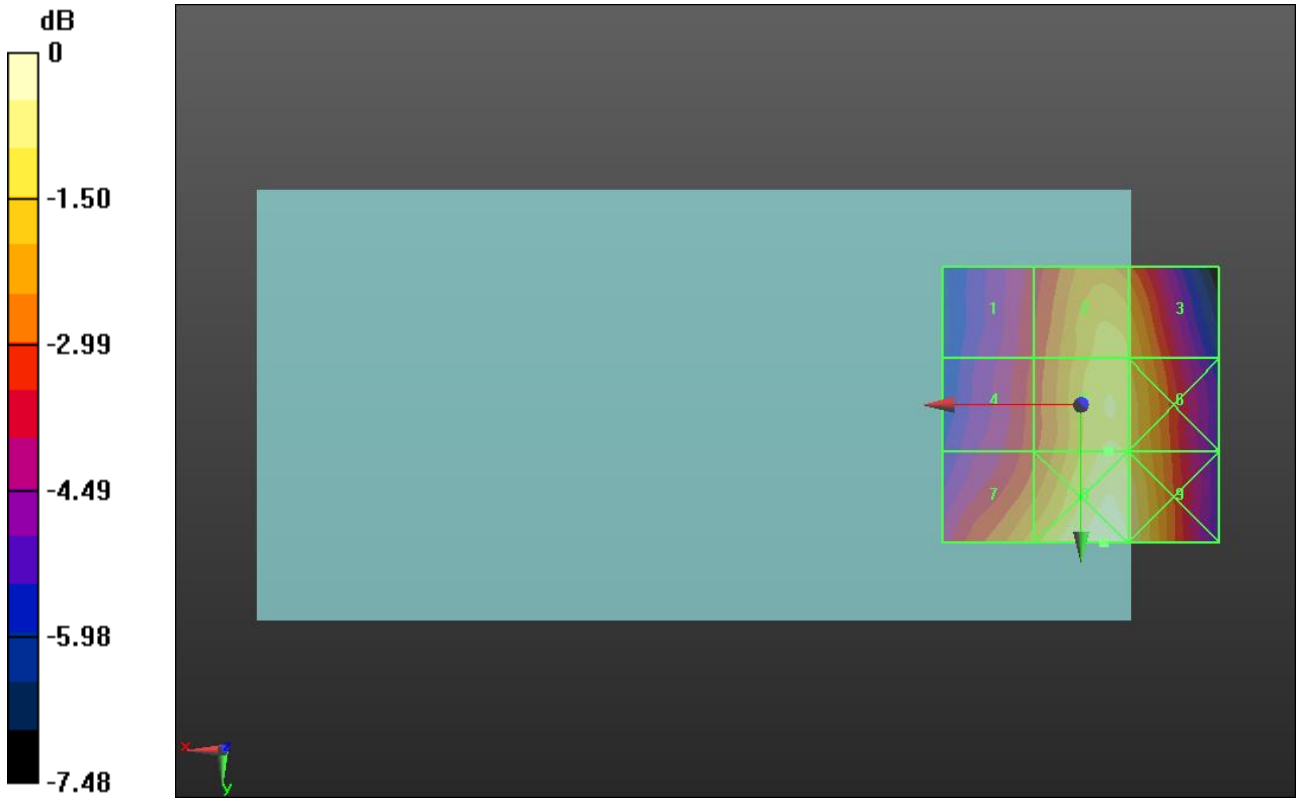
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC10 E-Field measurement/Voice_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 = 24.83 V/m; Power Drift = 0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.48 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.98 dBV/m** | Grid 2 **M4** **28.22 dBV/m** | Grid 3 **M4** **27.94 dBV/m** |
| Grid 4 **M4** **26.28 dBV/m** | Grid 5 **M4** **28.48 dBV/m** | Grid 6 **M4** **28.23 dBV/m** |
| Grid 7 **M4** **27.71 dBV/m** | Grid 8 **M4** **29.36 dBV/m** | Grid 9 **M4** **28.91 dBV/m** |




0 dB = 29.37 V/m = 29.36 dBV/m

# HAC-RF Emission

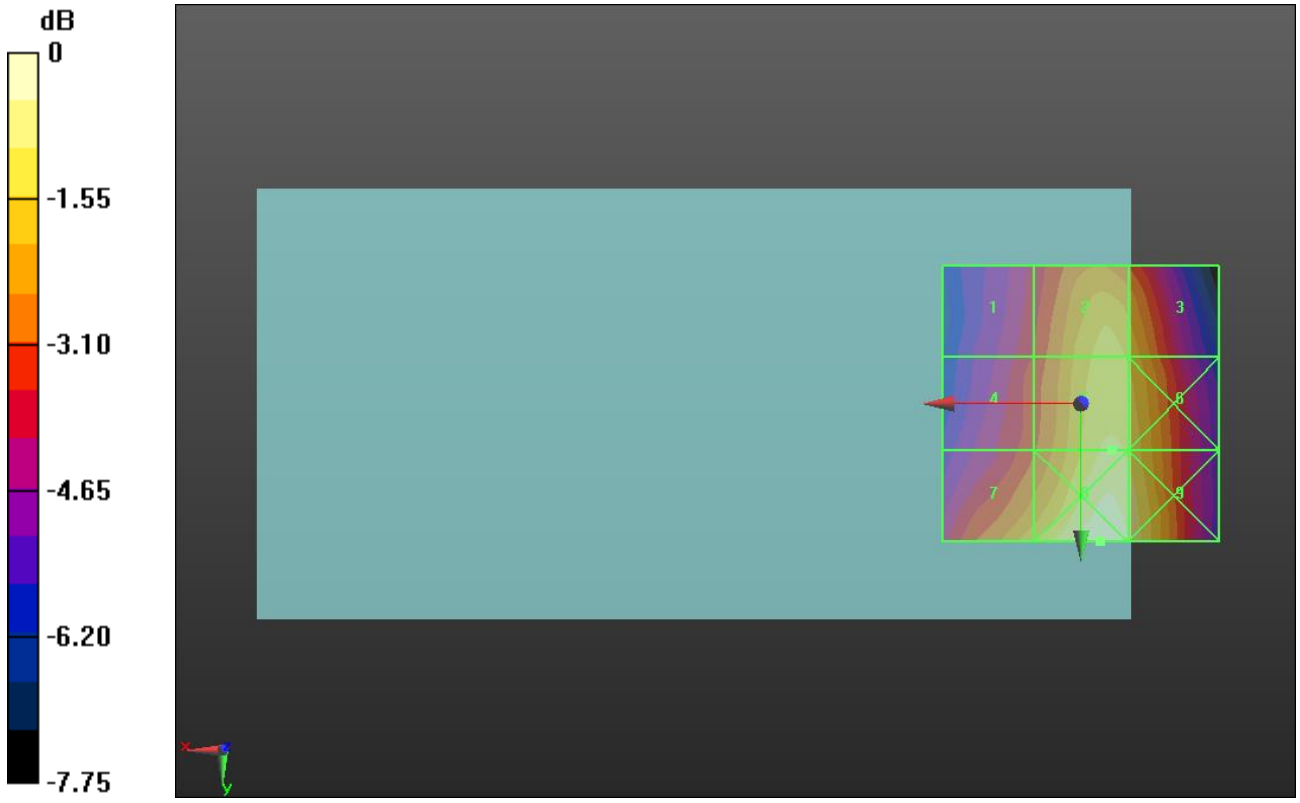
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC10 E-Field measurement/Voice_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 = 24.95 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.63 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **26.05 dBV/m** | Grid 2 **M4** **28.21 dBV/m** | Grid 3 **M4** **27.94 dBV/m** |
| Grid 4 **M4** **26.43 dBV/m** | Grid 5 **M4** **28.63 dBV/m** | Grid 6 **M4** **28.42 dBV/m** |
| Grid 7 **M4** **27.99 dBV/m** | Grid 8 **M4** **29.55 dBV/m** | Grid 9 **M4** **29.05 dBV/m** |




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

# HAC-RF Emission

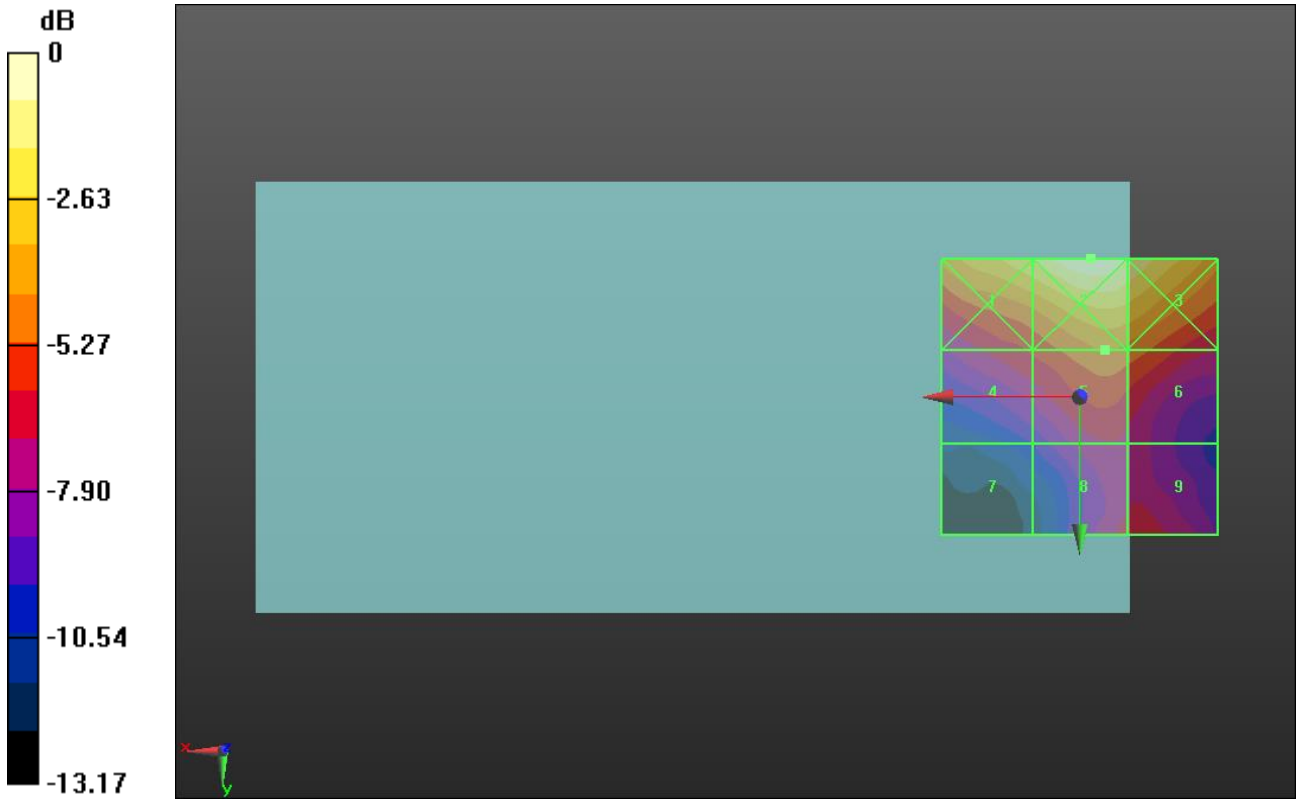
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1711.25 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC15 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 = 9.556 V/m; Power Drift = -0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 21.76 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.55 dBV/m** | Grid 2 **M4** **26.07 dBV/m** | Grid 3 **M4** **25.28 dBV/m** |
| Grid 4 **M4** **20.12 dBV/m** | Grid 5 **M4** **21.76 dBV/m** | Grid 6 **M4** **21.42 dBV/m** |
| Grid 7 **M4** **16.48 dBV/m** | Grid 8 **M4** **19.53 dBV/m** | Grid 9 **M4** **19.68 dBV/m** |




0 dB = 20.12 V/m = 26.07 dBV/m

# HAC-RF Emission

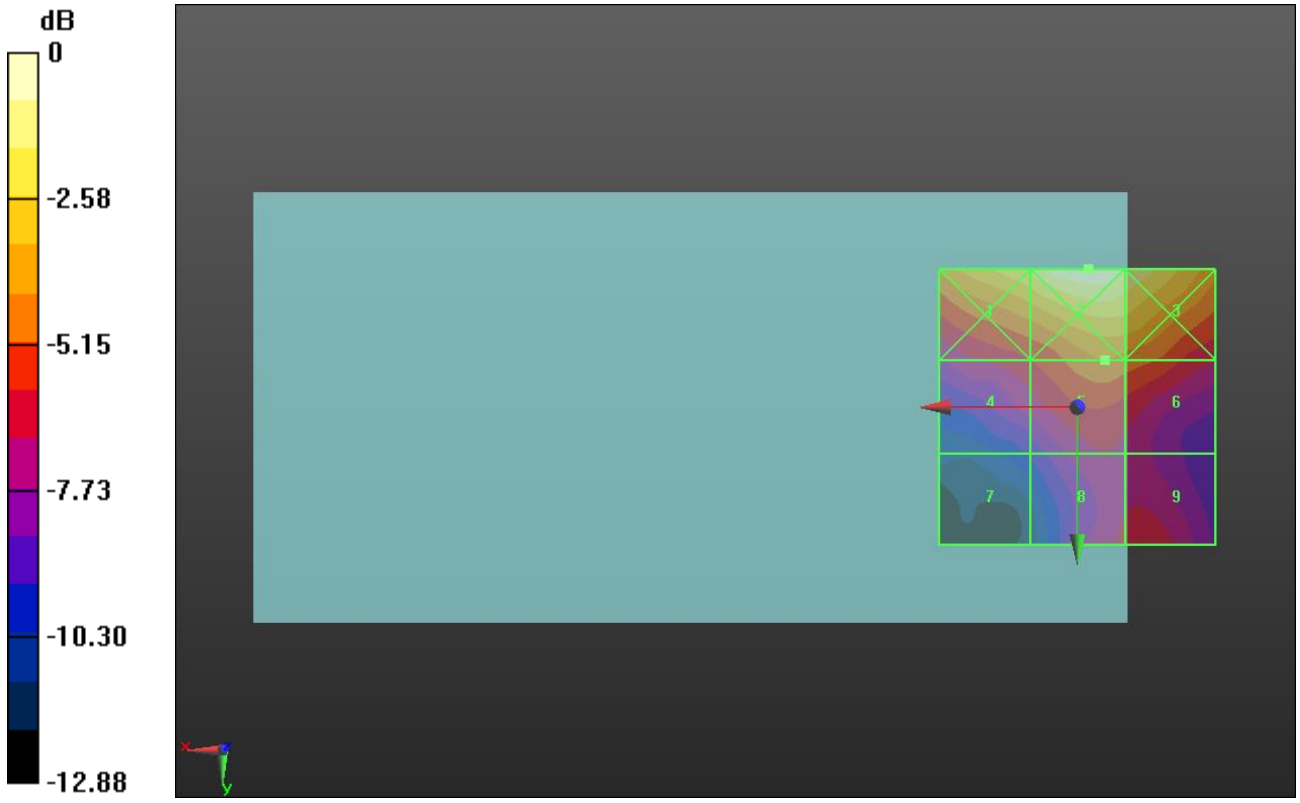
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC15 E-Field measurement/RC1_SO3_Ch 450/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 = 9.361 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 21.78 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.67 dBV/m** | Grid 2 **M4** **26.12 dBV/m** | Grid 3 **M4** **25.38 dBV/m** |
| Grid 4 **M4** **20.12 dBV/m** | Grid 5 **M4** **21.78 dBV/m** | Grid 6 **M4** **21.51 dBV/m** |
| Grid 7 **M4** **16.87 dBV/m** | Grid 8 **M4** **19.74 dBV/m** | Grid 9 **M4** **19.95 dBV/m** |




0 dB = 20.22 V/m = 26.12 dBV/m

# HAC-RF Emission

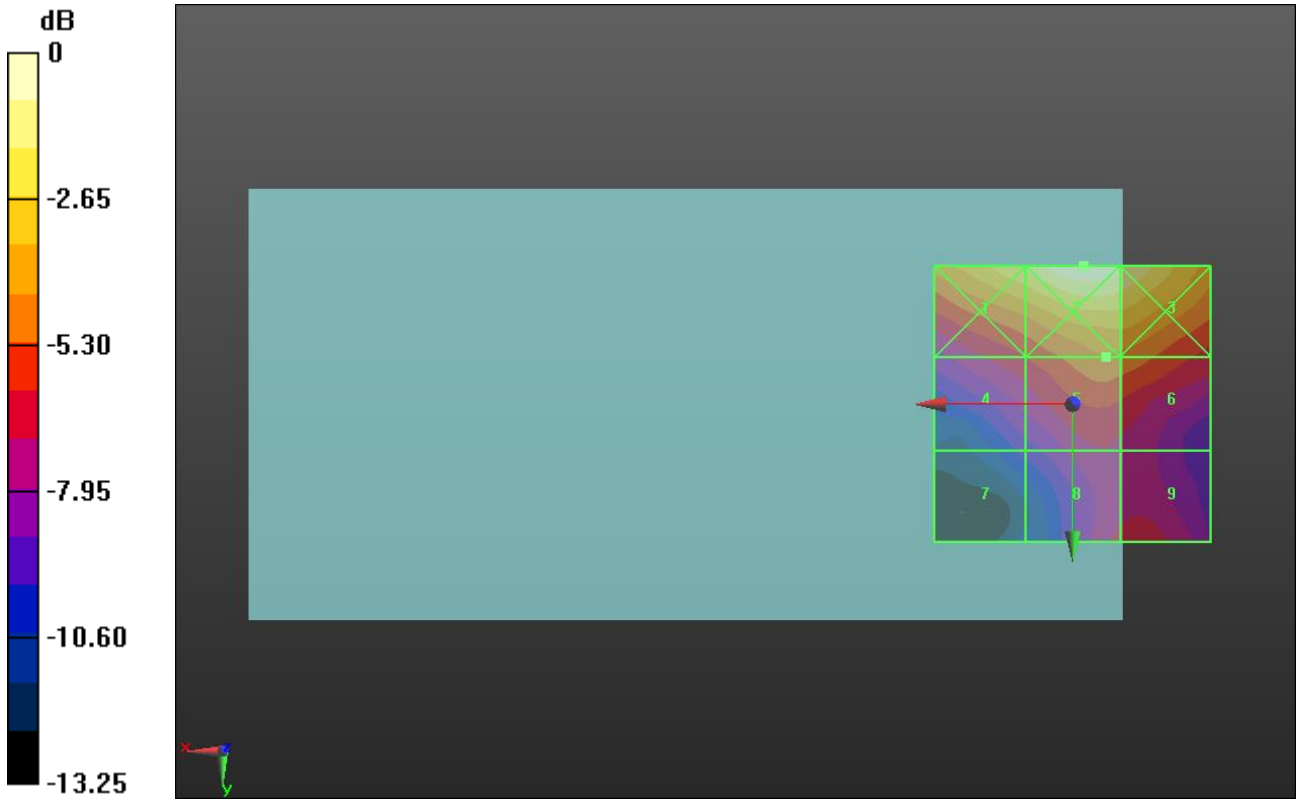
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_CDMA BC15 E-Field measurement/RC1_SO3_Ch 875/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 = 9.569 V/m; Power Drift = -0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 22.14 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.18 dBV/m** | Grid 2 **M4** **26.67 dBV/m** | Grid 3 **M4** **26.03 dBV/m** |
| Grid 4 **M4** **20.51 dBV/m** | Grid 5 **M4** **22.14 dBV/m** | Grid 6 **M4** **22.04 dBV/m** |
| Grid 7 **M4** **17.34 dBV/m** | Grid 8 **M4** **19.93 dBV/m** | Grid 9 **M4** **20.14 dBV/m** |




0 dB = 21.54 V/m = 26.66 dBV/m

## HAC-RF Emission_WiFi 2.4GHz

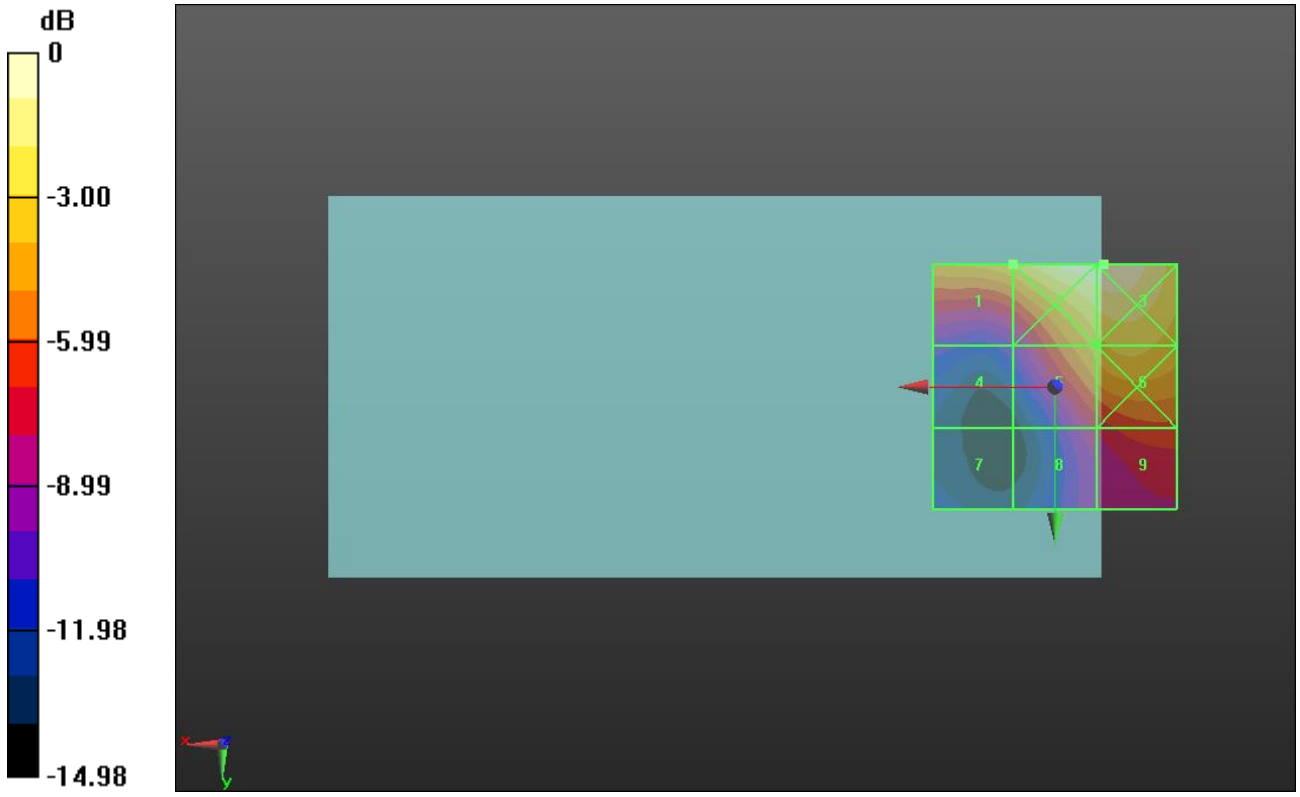
Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_802.11g E-Field measurement/VOIP_ch 3/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 = 17.46 V/m; Power Drift = 0.05 dB
Applied MIF = 0.12 dB
RF audio interference level = 27.39 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.39 dBV/m** | Grid 2 **M3** **30.13 dBV/m** | Grid 3 **M3** **30.18 dBV/m** |
| Grid 4 **M4** **20.36 dBV/m** | Grid 5 **M4** **26.72 dBV/m** | Grid 6 **M4** **27.5 dBV/m** |
| Grid 7 **M4** **17.38 dBV/m** | Grid 8 **M4** **22.42 dBV/m** | Grid 9 **M4** **23.93 dBV/m** |




0 dB = 32.28 V/m = 30.18 dBV/m

# HAC-RF Emission_WiFi 2.4GHz

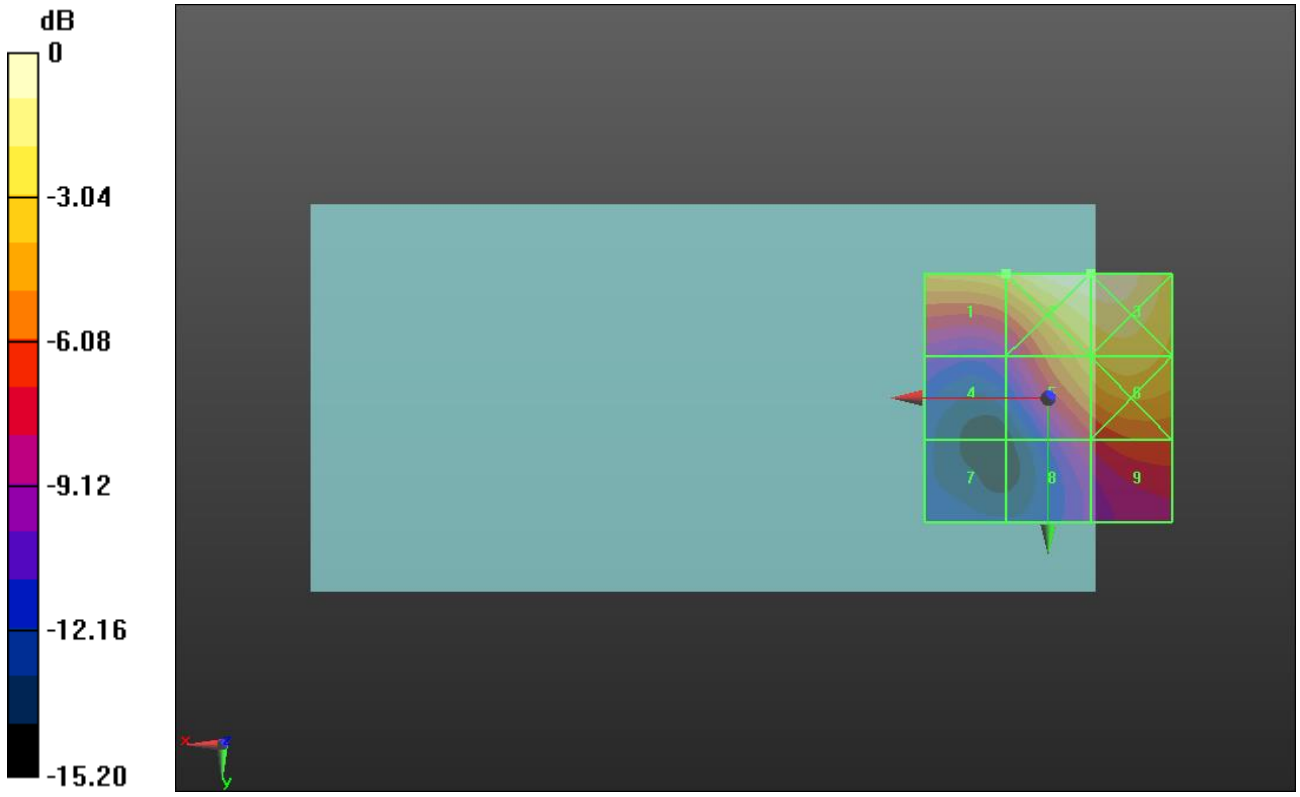
Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_802.11g E-Field measurement/VOIP_ch 6/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 = 17.90 V/m; Power Drift = -0.12 dB
Applied MIF = 0.12 dB
RF audio interference level = 27.61 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.61 dBV/m** | Grid 2 **M3** **30.16 dBV/m** | Grid 3 **M3** **30.16 dBV/m** |
| Grid 4 **M4** **20.7 dBV/m** | Grid 5 **M4** **26.93 dBV/m** | Grid 6 **M4** **27.67 dBV/m** |
| Grid 7 **M4** **17.64 dBV/m** | Grid 8 **M4** **22.52 dBV/m** | Grid 9 **M4** **24.16 dBV/m** |




0 dB = 32.21 V/m = 30.16 dBV/m

## HAC-RF Emission_WiFi 2.4GHz

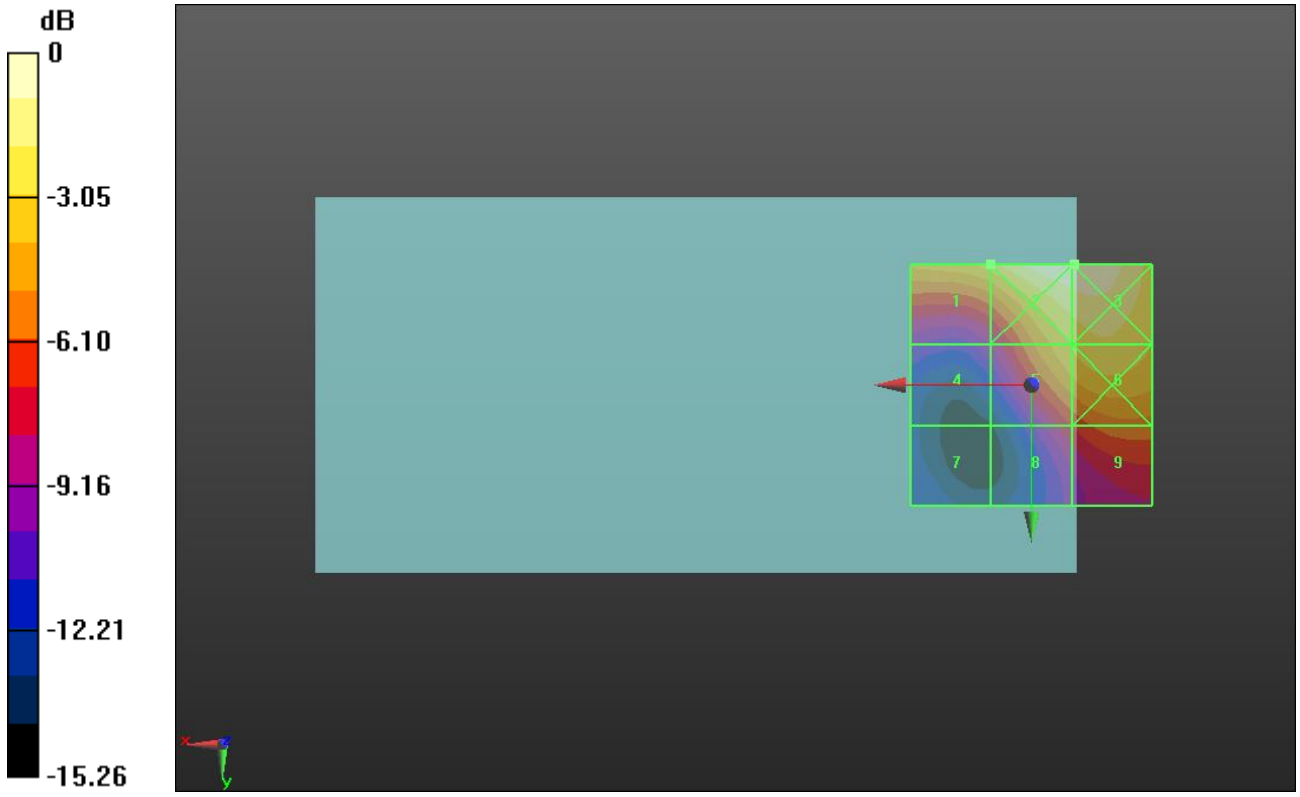
Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_802.11g E-Field measurement/VOIP_ch 9/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 = 18.30 V/m; Power Drift = -0.07 dB
Applied MIF = 0.12 dB
RF audio interference level = 27.37 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.37 dBV/m** | Grid 2 **M4** **29.85 dBV/m** | Grid 3 **M4** **29.85 dBV/m** |
| Grid 4 **M4** **20.86 dBV/m** | Grid 5 **M4** **26.95 dBV/m** | Grid 6 **M4** **27.66 dBV/m** |
| Grid 7 **M4** **17.54 dBV/m** | Grid 8 **M4** **22.79 dBV/m** | Grid 9 **M4** **24.42 dBV/m** |




0 dB = 31.08 V/m = 29.85 dBV/m

## HAC-RF Emission

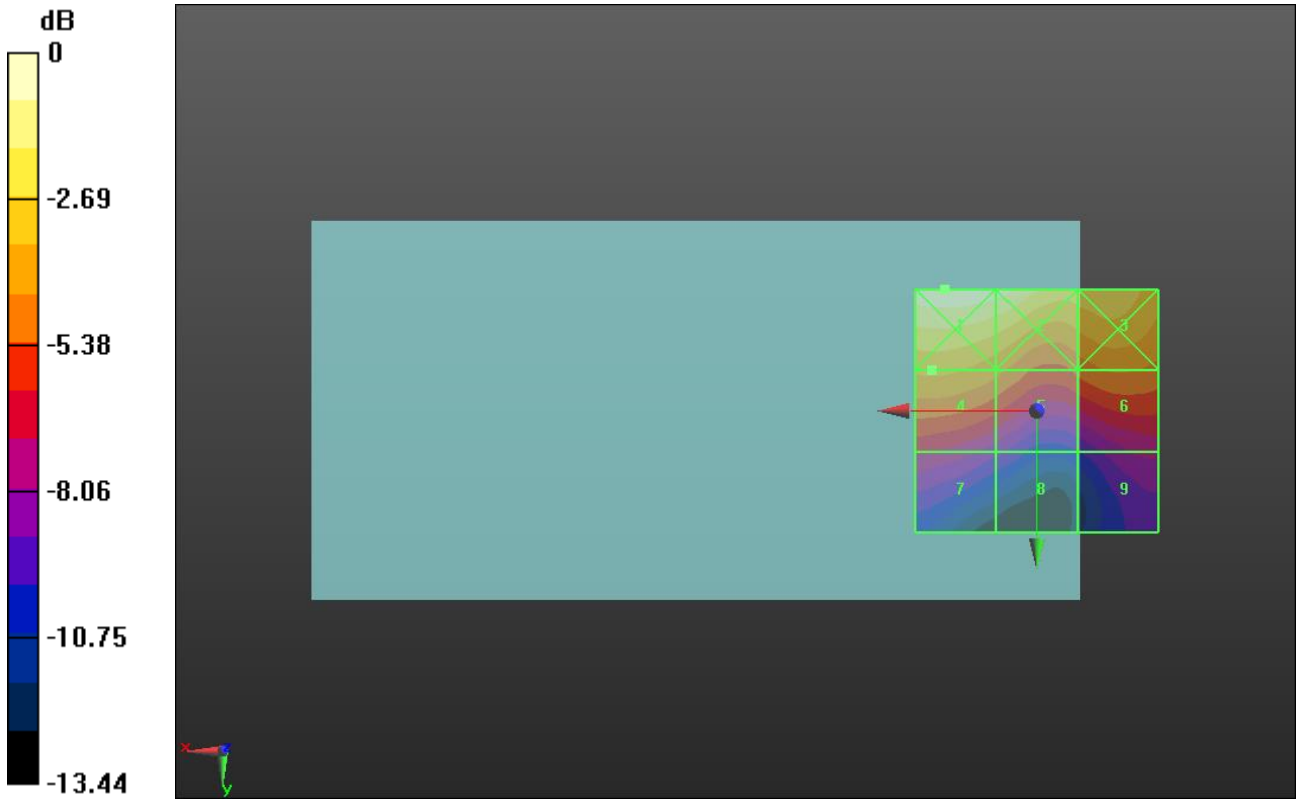
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_LTE Band 41_20 MHz BW 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 = 8.983 V/m; Power Drift = -0.18 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.87 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.21 dBV/m** | Grid 2 **M4** **23.83 dBV/m** | Grid 3 **M4** **22.18 dBV/m** |
| Grid 4 **M4** **20.87 dBV/m** | Grid 5 **M4** **20.04 dBV/m** | Grid 6 **M4** **19.87 dBV/m** |
| Grid 7 **M4** **17.22 dBV/m** | Grid 8 **M4** **15.58 dBV/m** | Grid 9 **M4** **16.41 dBV/m** |




0 dB = 16.25 V/m = 24.22 dBV/m

# HAC-RF Emission

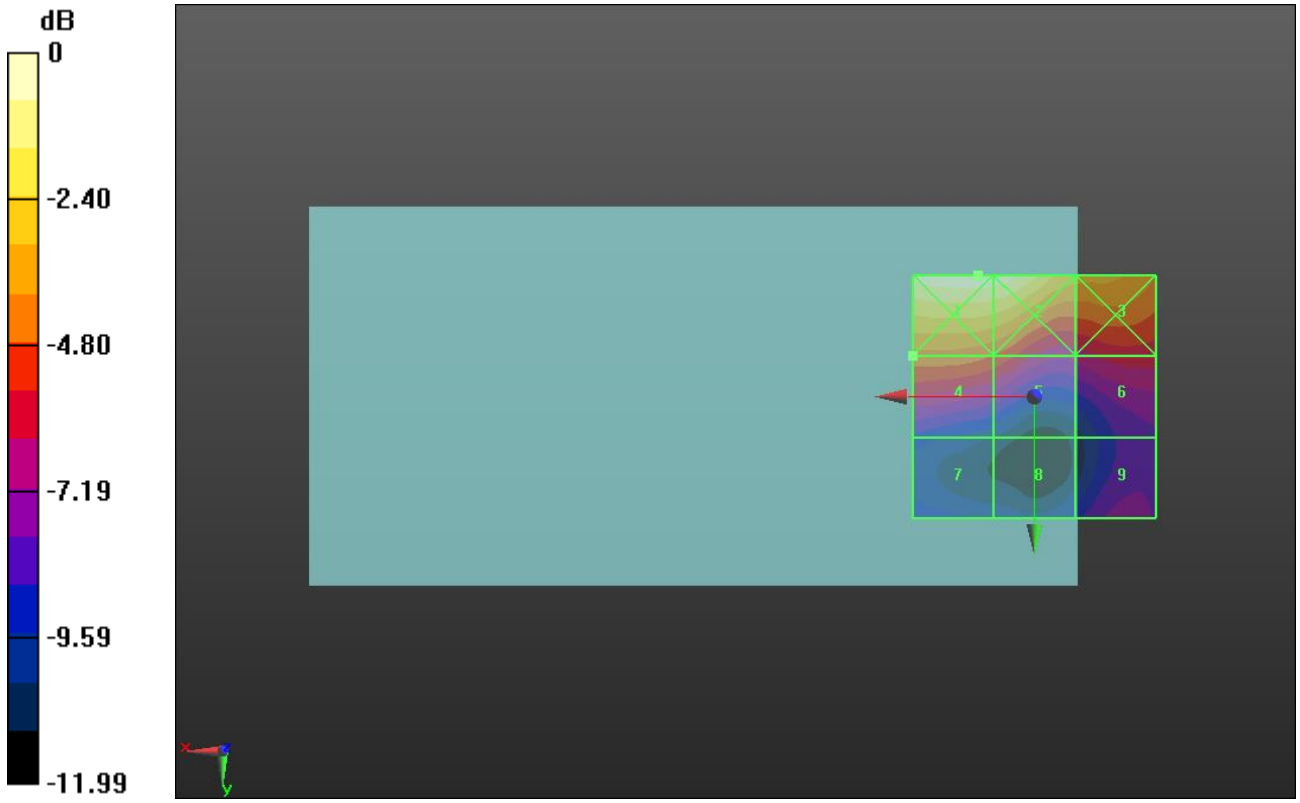
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_LTE Band 41_20 MHz BW 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 = 7.391 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.22 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.44 dBV/m** | Grid 2 **M4** **24.33 dBV/m** | Grid 3 **M4** **21.63 dBV/m** |
| Grid 4 **M4** **20.22 dBV/m** | Grid 5 **M4** **19.64 dBV/m** | Grid 6 **M4** **18.52 dBV/m** |
| Grid 7 **M4** **15.65 dBV/m** | Grid 8 **M4** **15.47 dBV/m** | Grid 9 **M4** **16.8 dBV/m** |




0 dB = 16.68 V/m = 24.44 dBV/m

## HAC-RF Emission

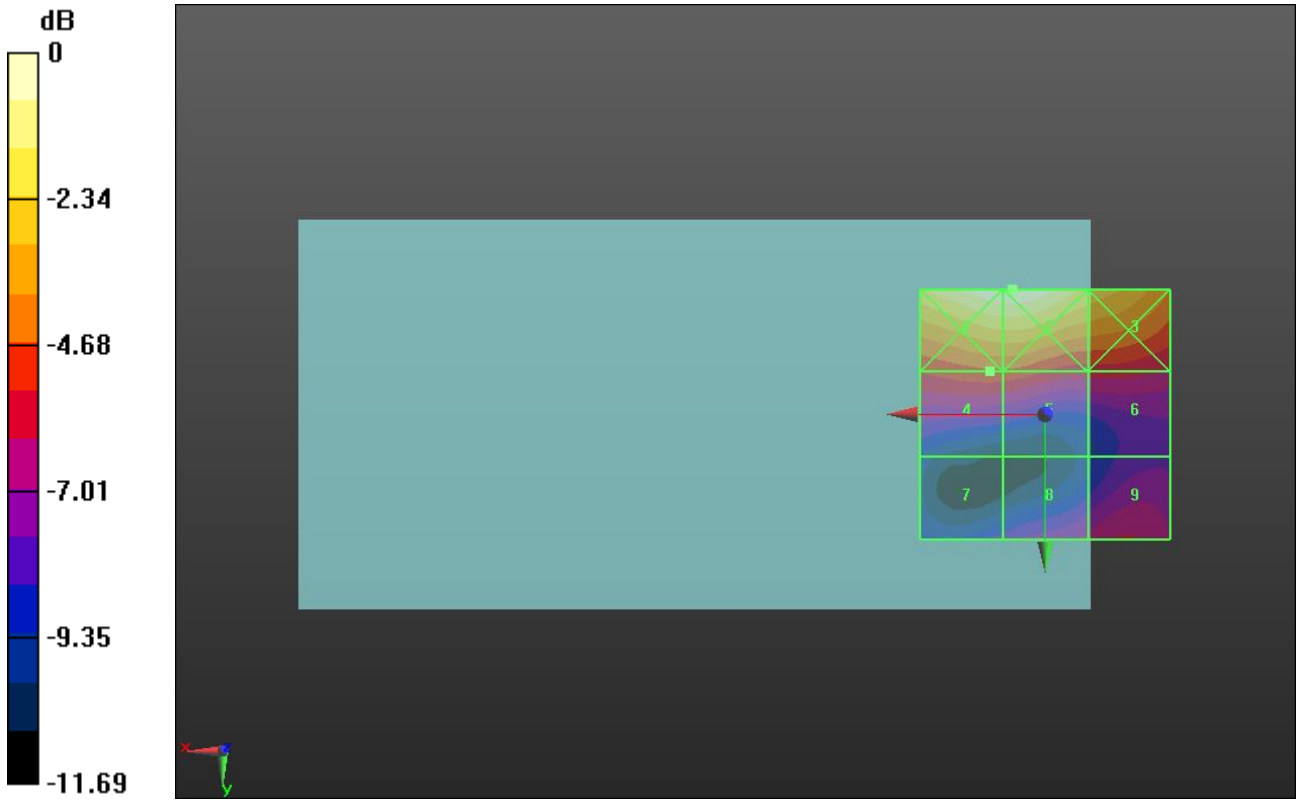
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_LTE Band 41_20 MHz BW 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 = 7.204 V/m; Power Drift = -0.17 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.53 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.3 dBV/m** | Grid 2 **M4** **24.35 dBV/m** | Grid 3 **M4** **22.64 dBV/m** |
| Grid 4 **M4** **19.53 dBV/m** | Grid 5 **M4** **19.51 dBV/m** | Grid 6 **M4** **18.52 dBV/m** |
| Grid 7 **M4** **16.32 dBV/m** | Grid 8 **M4** **17.7 dBV/m** | Grid 9 **M4** **18.23 dBV/m** |




0 dB = 16.50 V/m = 24.35 dBV/m

# HAC-RF Emission

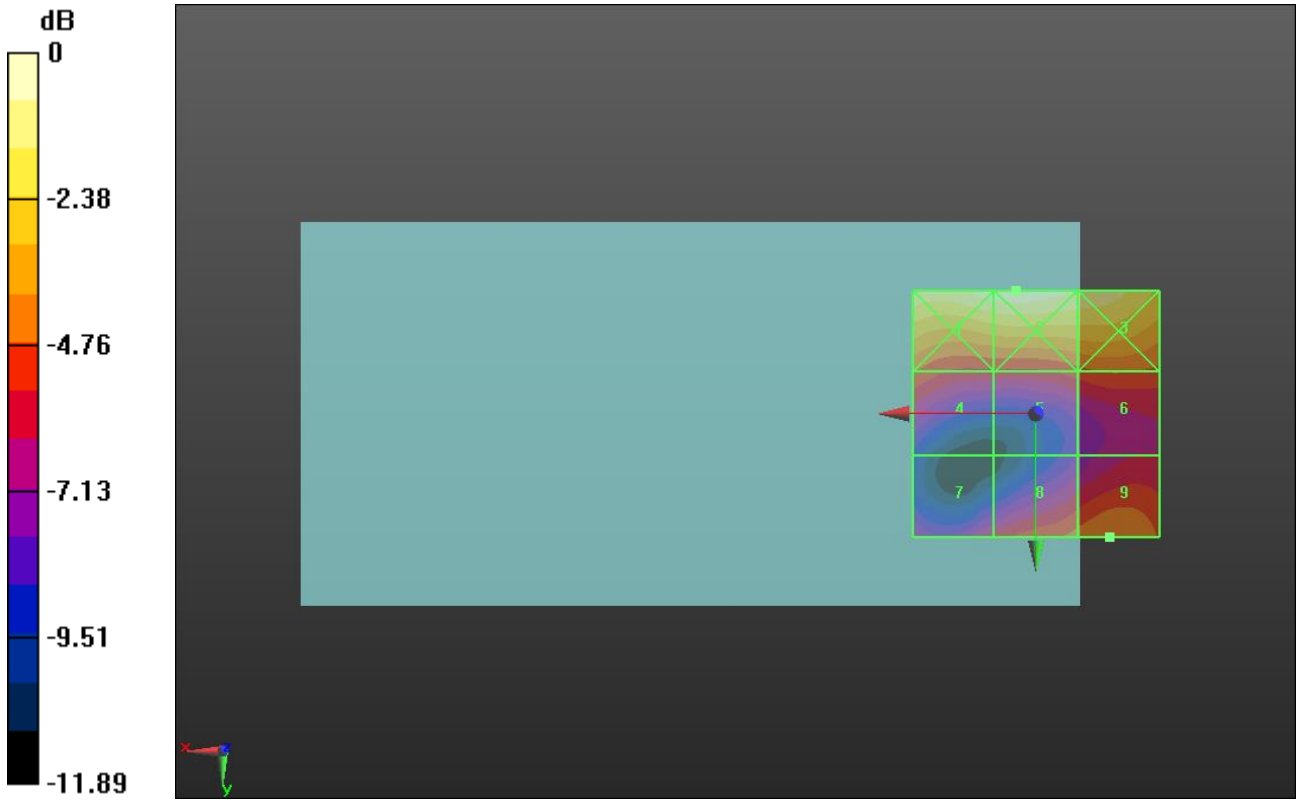
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_LTE Band 41_20 MHz BW 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 = 6.555 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.98 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.77 dBV/m** | Grid 2 **M4** **23.92 dBV/m** | Grid 3 **M4** **23.14 dBV/m** |
| Grid 4 **M4** **19.26 dBV/m** | Grid 5 **M4** **18.84 dBV/m** | Grid 6 **M4** **19.25 dBV/m** |
| Grid 7 **M4** **17.95 dBV/m** | Grid 8 **M4** **19.59 dBV/m** | Grid 9 **M4** **19.98 dBV/m** |




0 dB = 15.71 V/m = 23.92 dBV/m

## HAC-RF Emission

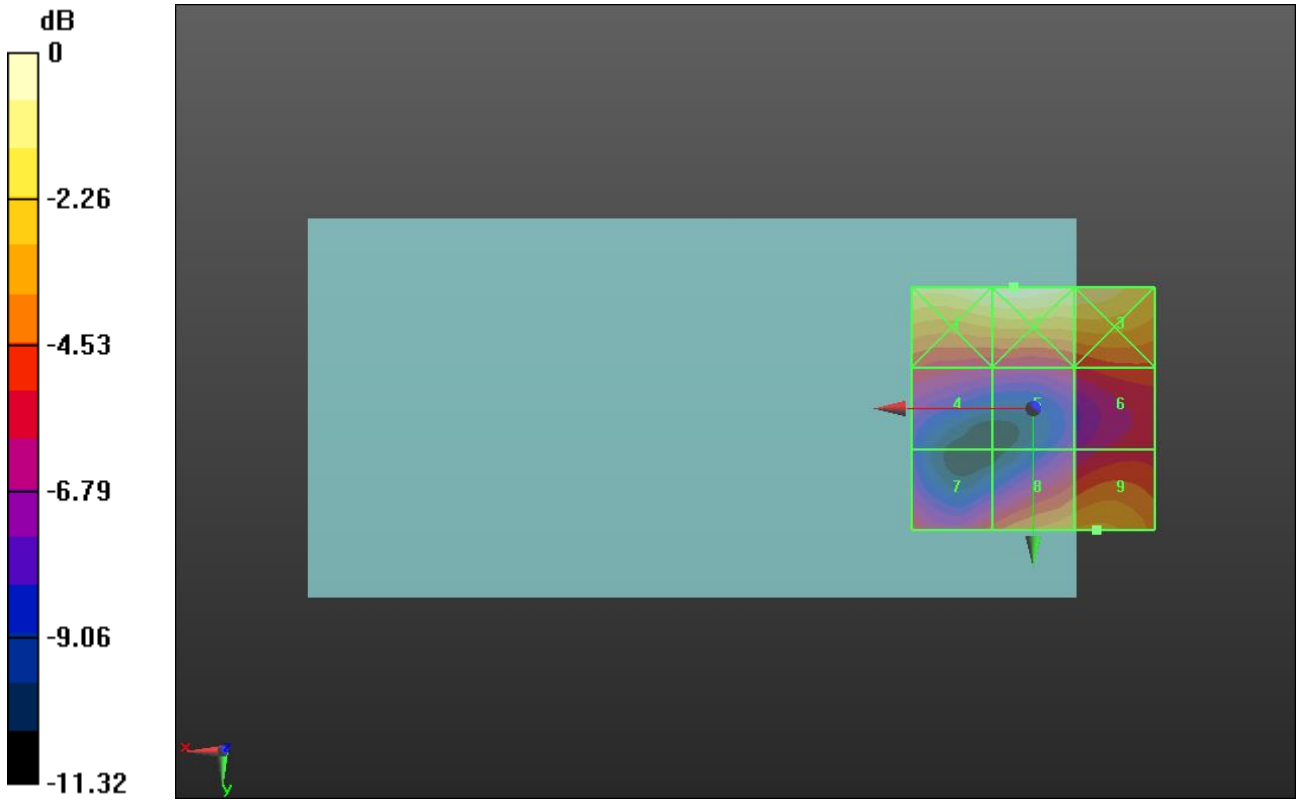
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## UAT_LTE Band 41_20 MHz BW 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 = 5.027 V/m; Power Drift = 0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.13 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.71 dBV/m** | Grid 2 **M4** **22.91 dBV/m** | Grid 3 **M4** **22.2 dBV/m** |
| Grid 4 **M4** **17.76 dBV/m** | Grid 5 **M4** **17.45 dBV/m** | Grid 6 **M4** **18.26 dBV/m** |
| Grid 7 **M4** **18.08 dBV/m** | Grid 8 **M4** **19.96 dBV/m** | Grid 9 **M4** **20.13 dBV/m** |




0 dB = 13.98 V/m = 22.91 dBV/m

# HAC-RF Emission

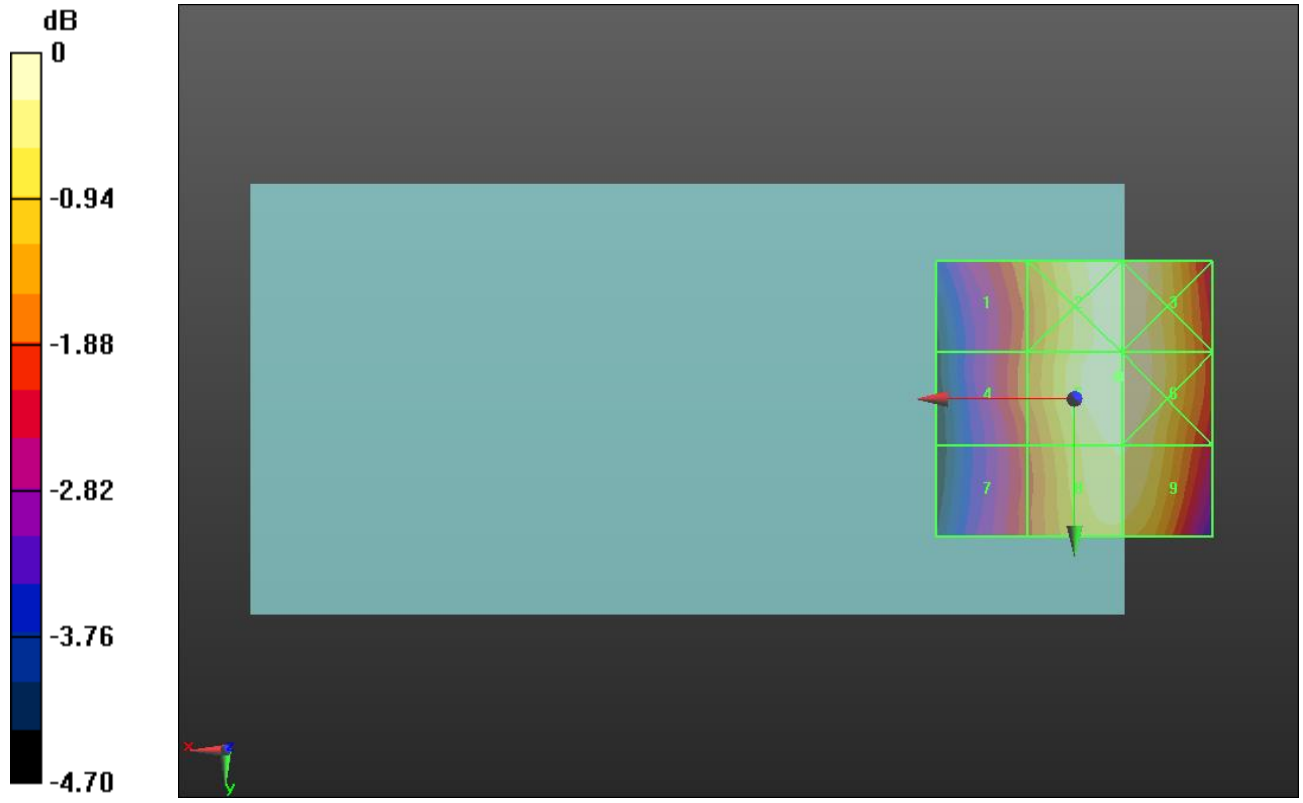
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## LAT_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 = 54.59 V/m; Power Drift = -0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.96 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **35.47 dBV/m** | Grid 2 **M4** **36.9 dBV/m** | Grid 3 **M4** **36.9 dBV/m** |
| Grid 4 **M4** **35.37 dBV/m** | Grid 5 **M4** **36.96 dBV/m** | Grid 6 **M4** **36.95 dBV/m** |
| Grid 7 **M4** **35.03 dBV/m** | Grid 8 **M4** **36.68 dBV/m** | Grid 9 **M4** **36.68 dBV/m** |




0 dB = 70.43 V/m = 36.96 dBV/m

## HAC-RF Emission

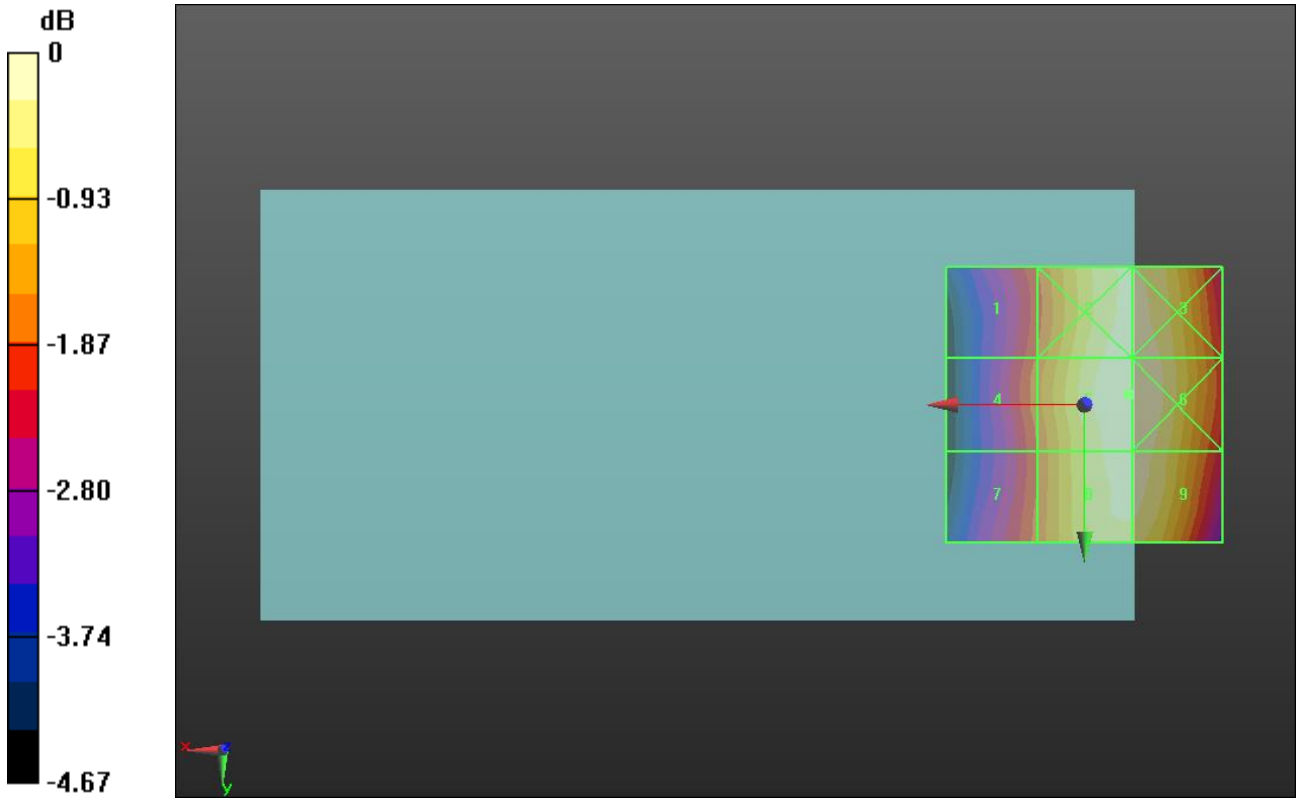
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## LAT_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 = 52.44 V/m; Power Drift = -0.12 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.52 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **34.72 dBV/m** | Grid 2 **M4** **36.41 dBV/m** | Grid 3 **M4** **36.41 dBV/m** |
| Grid 4 **M4** **34.88 dBV/m** | Grid 5 **M4** **36.52 dBV/m** | Grid 6 **M4** **36.52 dBV/m** |
| Grid 7 **M4** **34.8 dBV/m** | Grid 8 **M4** **36.38 dBV/m** | Grid 9 **M4** **36.38 dBV/m** |




0 dB = 66.96 V/m = 36.52 dBV/m

# HAC-RF Emission

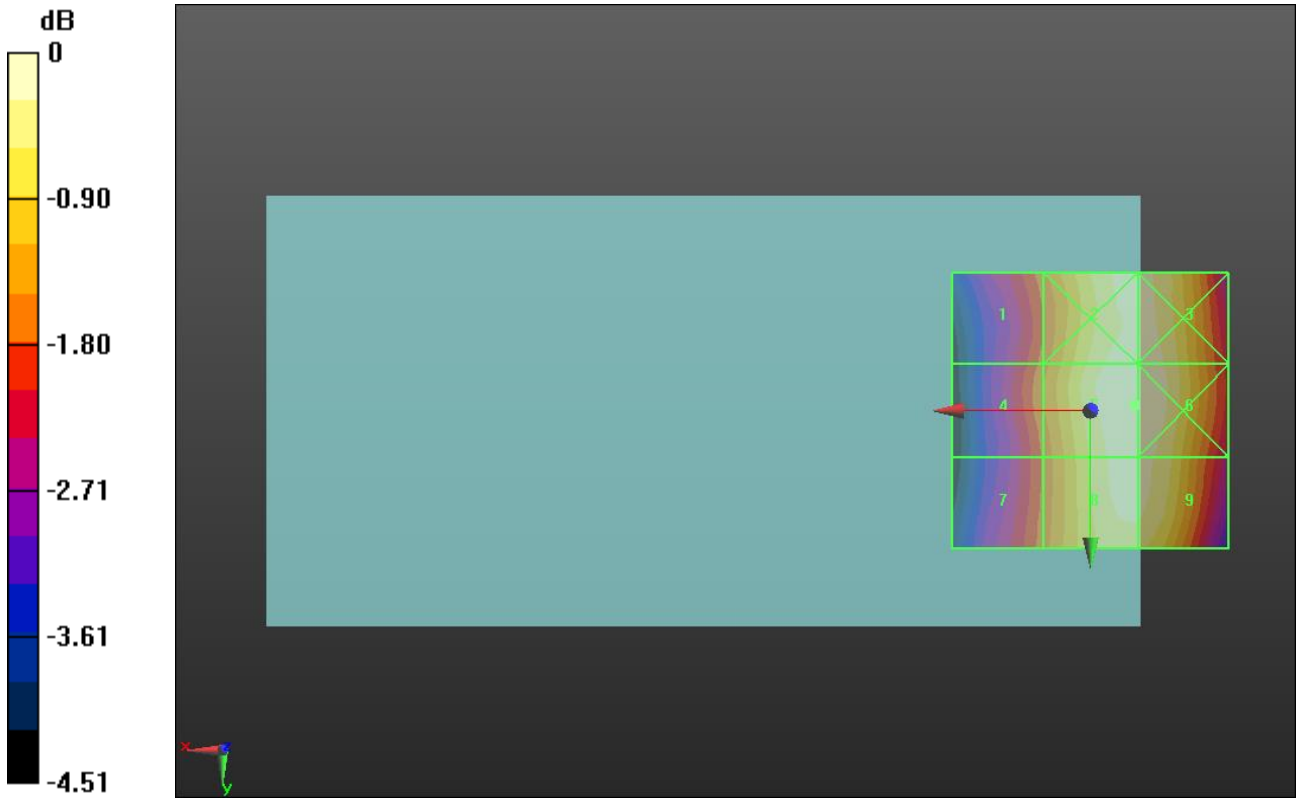
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## LAT_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 = 56.83 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.20 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **35.62 dBV/m** | Grid 2 **M4** **37.12 dBV/m** | Grid 3 **M4** **37.12 dBV/m** |
| Grid 4 **M4** **35.7 dBV/m** | Grid 5 **M4** **37.2 dBV/m** | Grid 6 **M4** **37.2 dBV/m** |
| Grid 7 **M4** **35.59 dBV/m** | Grid 8 **M4** **37.05 dBV/m** | Grid 9 **M4** **37.04 dBV/m** |




0 dB = 72.48 V/m = 37.20 dBV/m

# HAC-RF Emission

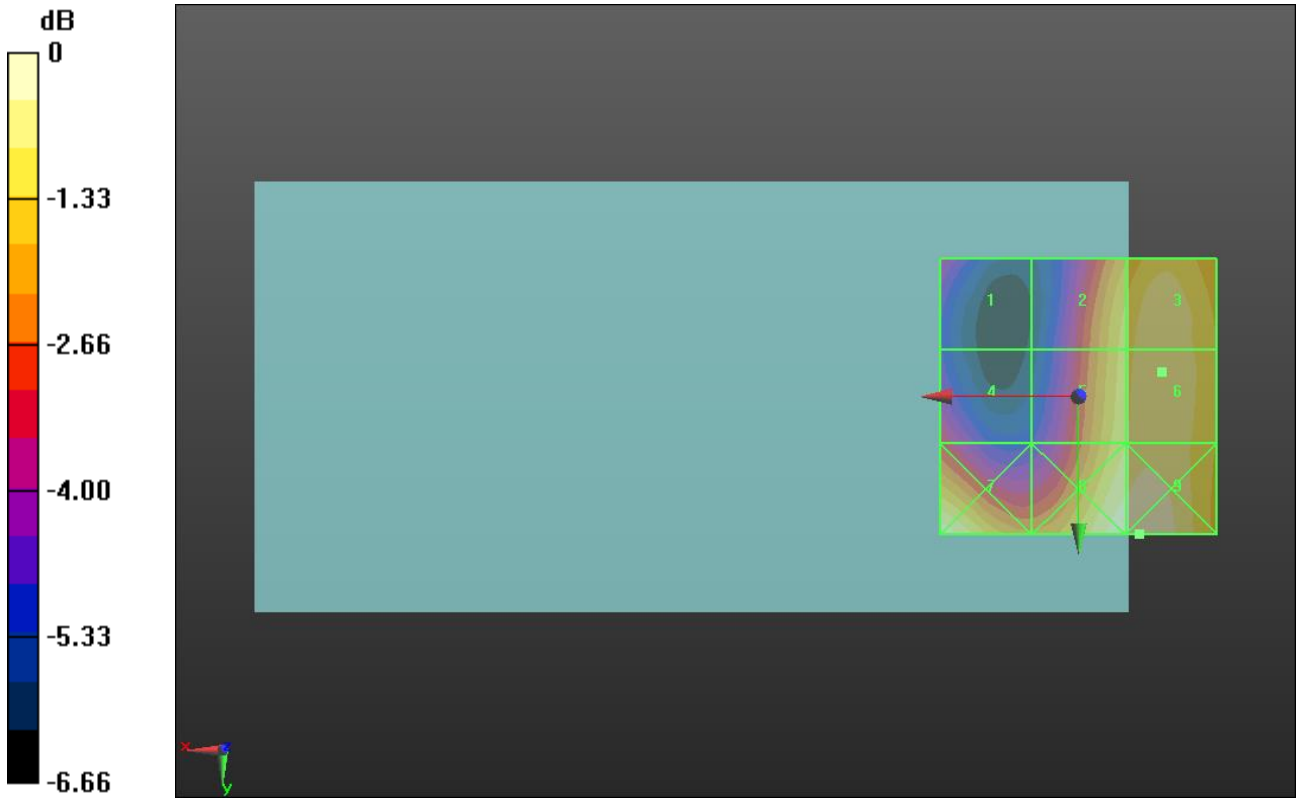
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## LAT_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 = 18.54 V/m; Power Drift = 0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.18 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **26.97 dBV/m** | Grid 2 **M4** **29.62 dBV/m** | Grid 3 **M3** **30.12 dBV/m** |
| Grid 4 **M4** **27.64 dBV/m** | Grid 5 **M4** **29.84 dBV/m** | Grid 6 **M3** **30.18 dBV/m** |
| Grid 7 **M3** **30.67 dBV/m** | Grid 8 **M3** **30.64 dBV/m** | Grid 9 **M3** **30.71 dBV/m** |




0 dB = 34.32 V/m = 30.71 dBV/m

# HAC-RF Emission

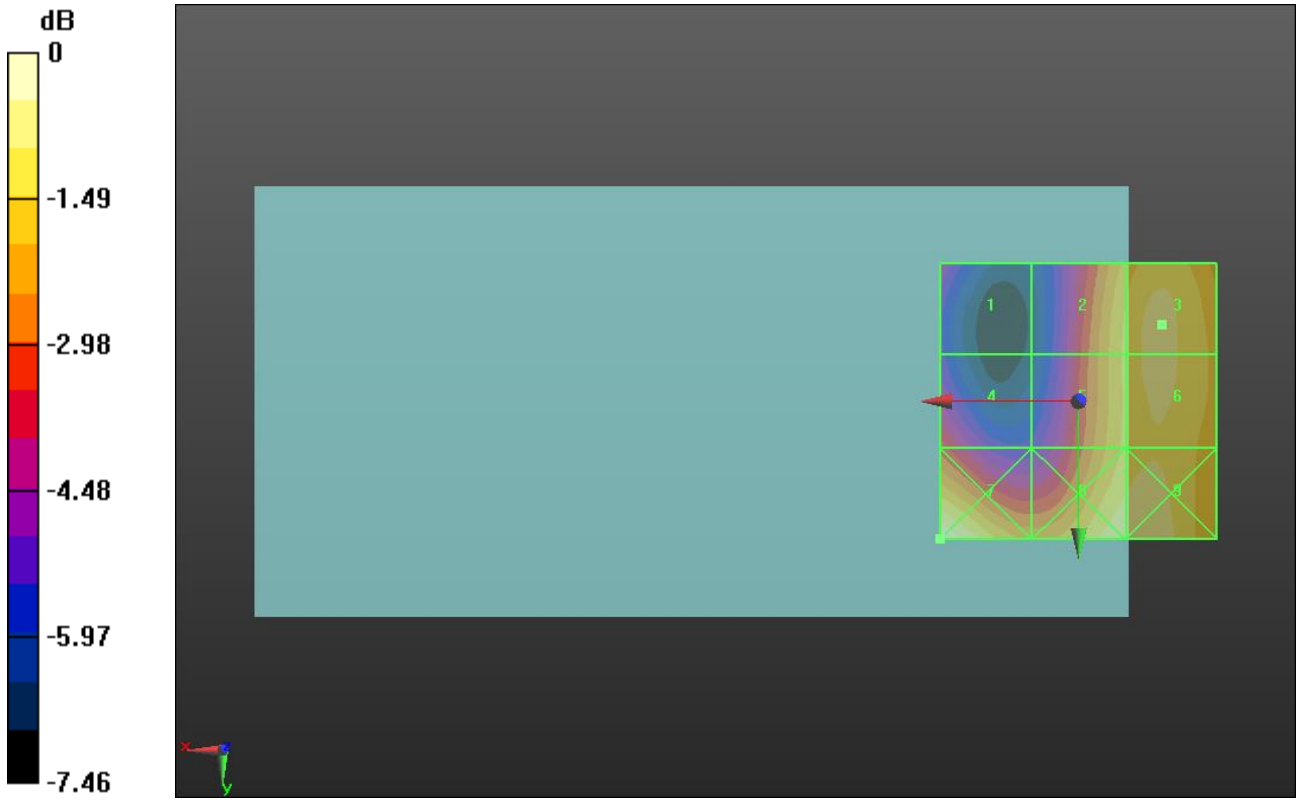
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## LAT_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 = 21.27 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.34 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.78 dBV/m** | Grid 2 **M3** **30.83 dBV/m** | Grid 3 **M3** **31.34 dBV/m** |
| Grid 4 **M4** **29.04 dBV/m** | Grid 5 **M3** **30.84 dBV/m** | Grid 6 **M3** **31.32 dBV/m** |
| Grid 7 **M3** **32.2 dBV/m** | Grid 8 **M3** **31.65 dBV/m** | Grid 9 **M3** **31.69 dBV/m** |




0 dB = 40.72 V/m = 32.20 dBV/m

# HAC-RF Emission

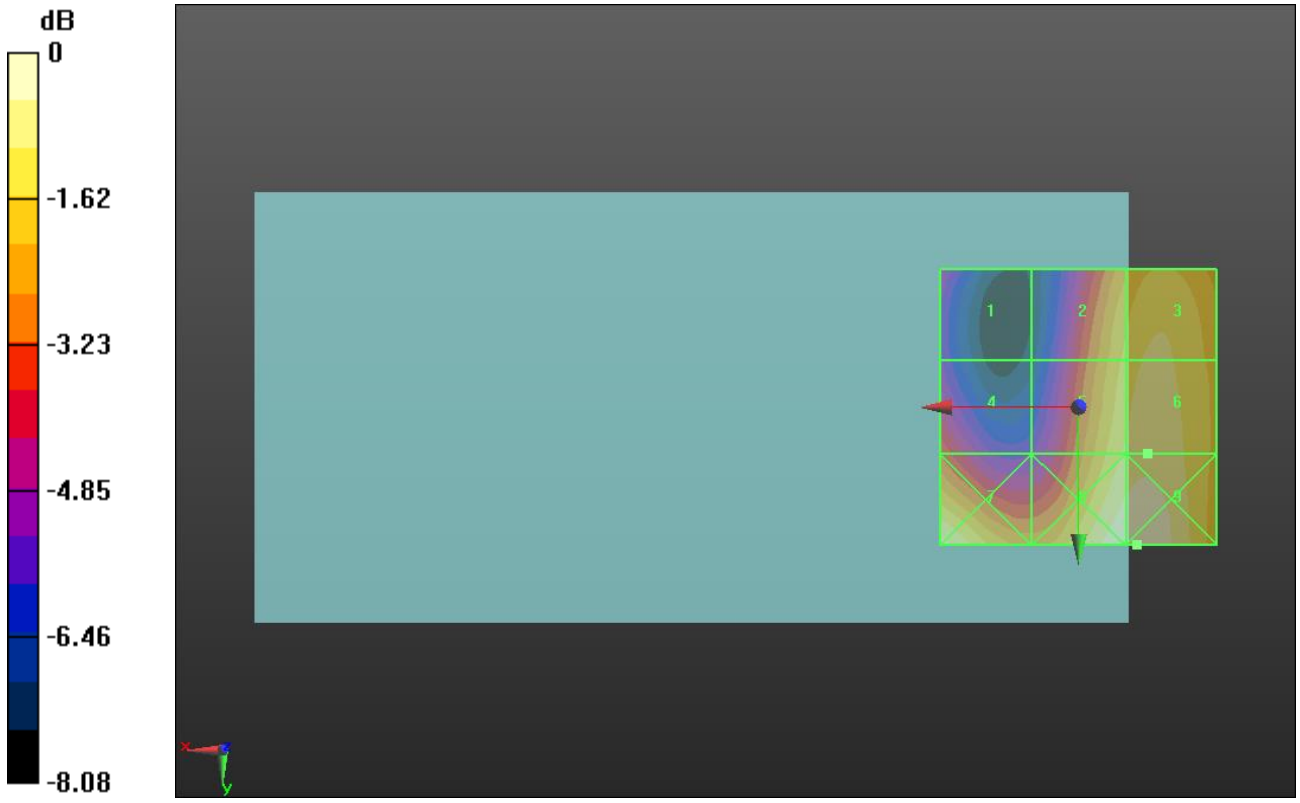
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

## LAT_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 = 23.97 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.22 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **28.14 dBV/m** | Grid 2 **M3** **31.45 dBV/m** | Grid 3 **M3** **31.92 dBV/m** |
| Grid 4 **M4** **29.67 dBV/m** | Grid 5 **M3** **31.94 dBV/m** | Grid 6 **M3** **32.22 dBV/m** |
| Grid 7 **M3** **32.67 dBV/m** | Grid 8 **M3** **32.86 dBV/m** | Grid 9 **M3** **32.91 dBV/m** |




0 dB = 44.20 V/m = 32.91 dBV/m

# HAC-RF Emission

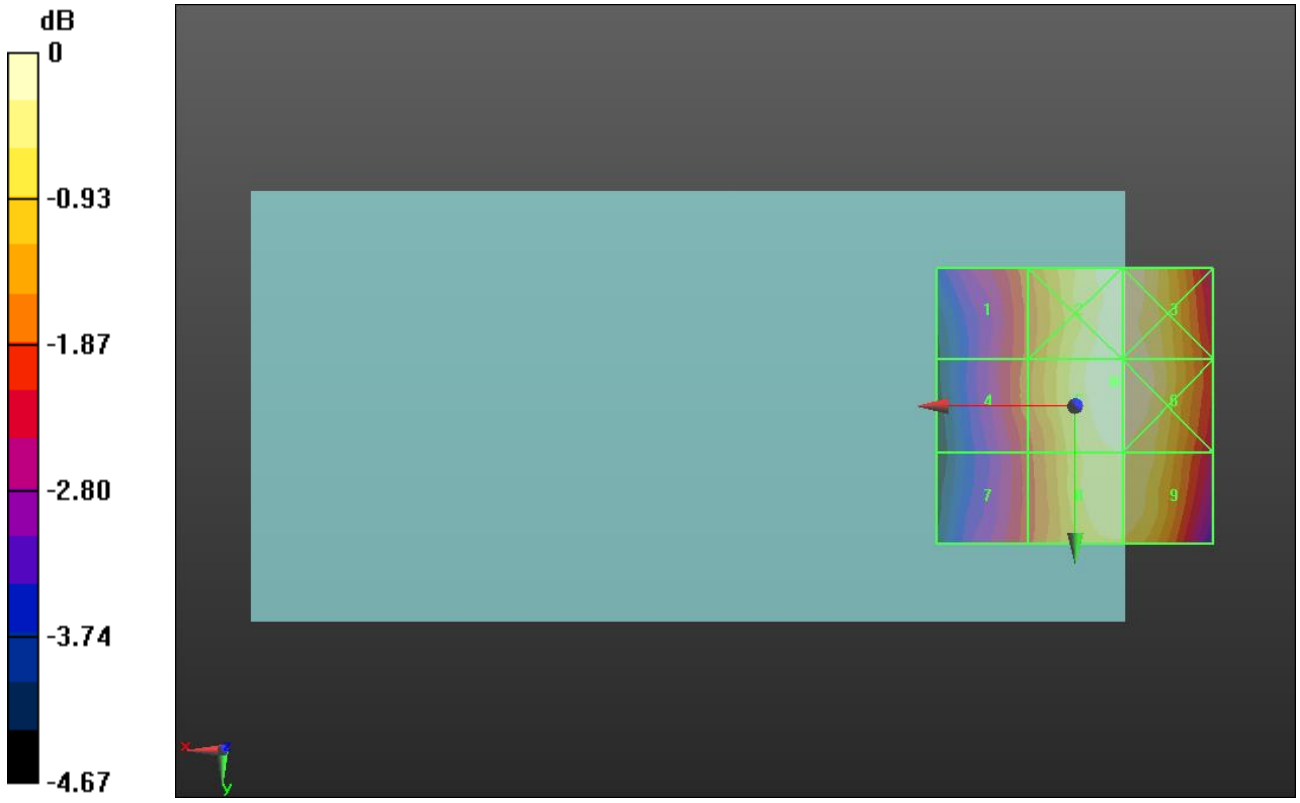
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC0 E-Field measurement/Voice_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 = 18.99 V/m; Power Drift = -0.12 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.34 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.72 dBV/m** | Grid 2 **M4** **27.25 dBV/m** | Grid 3 **M4** **27.24 dBV/m** |
| Grid 4 **M4** **25.71 dBV/m** | Grid 5 **M4** **27.34 dBV/m** | Grid 6 **M4** **27.33 dBV/m** |
| Grid 7 **M4** **25.38 dBV/m** | Grid 8 **M4** **27.04 dBV/m** | Grid 9 **M4** **27.04 dBV/m** |




0 dB = 23.28 V/m = 27.34 dBV/m

# HAC-RF Emission

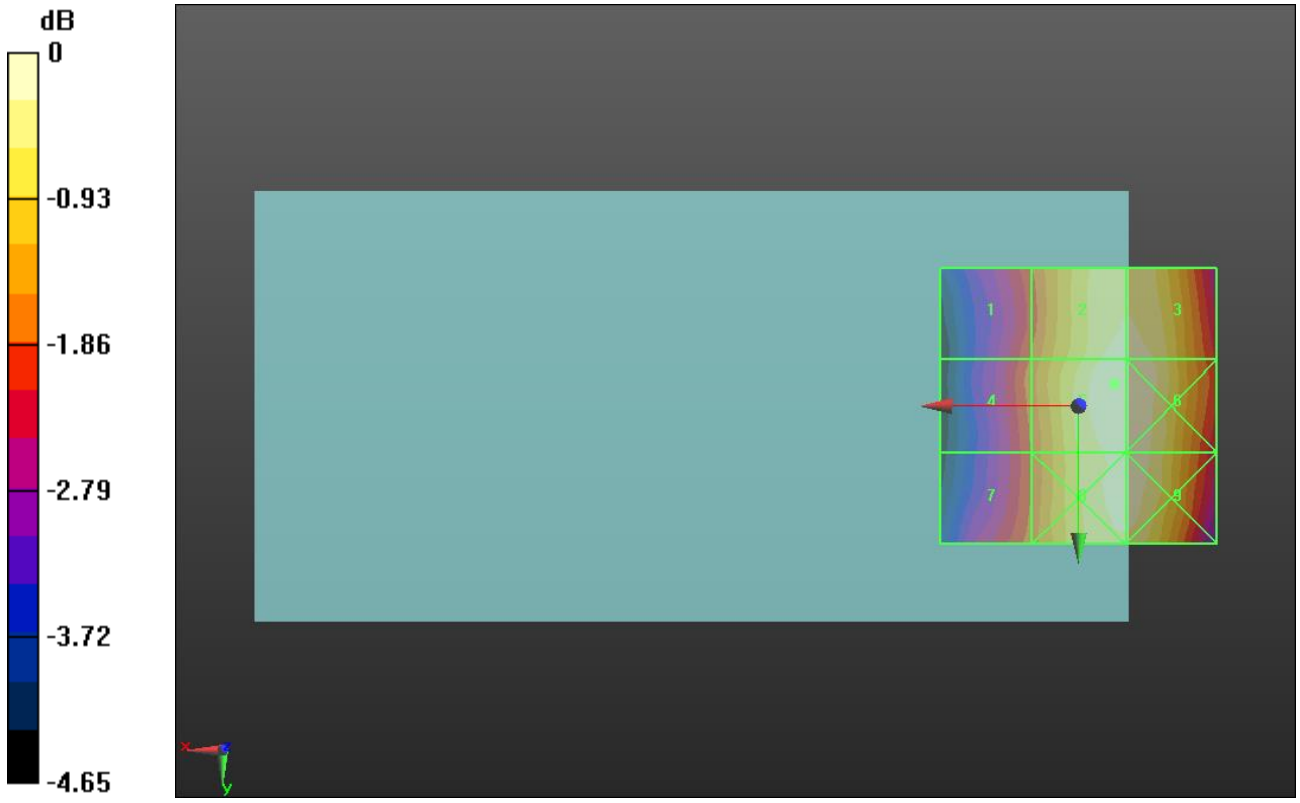
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC0 E-Field measurement/Voice_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 = 19.66 V/m; Power Drift = -0.12 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.63 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.85 dBV/m** | Grid 2 **M4** **27.46 dBV/m** | Grid 3 **M4** **27.46 dBV/m** |
| Grid 4 **M4** **25.98 dBV/m** | Grid 5 **M4** **27.63 dBV/m** | Grid 6 **M4** **27.6 dBV/m** |
| Grid 7 **M4** **25.96 dBV/m** | Grid 8 **M4** **27.51 dBV/m** | Grid 9 **M4** **27.52 dBV/m** |




0 dB = 24.07 V/m = 27.63 dBV/m

# HAC-RF Emission

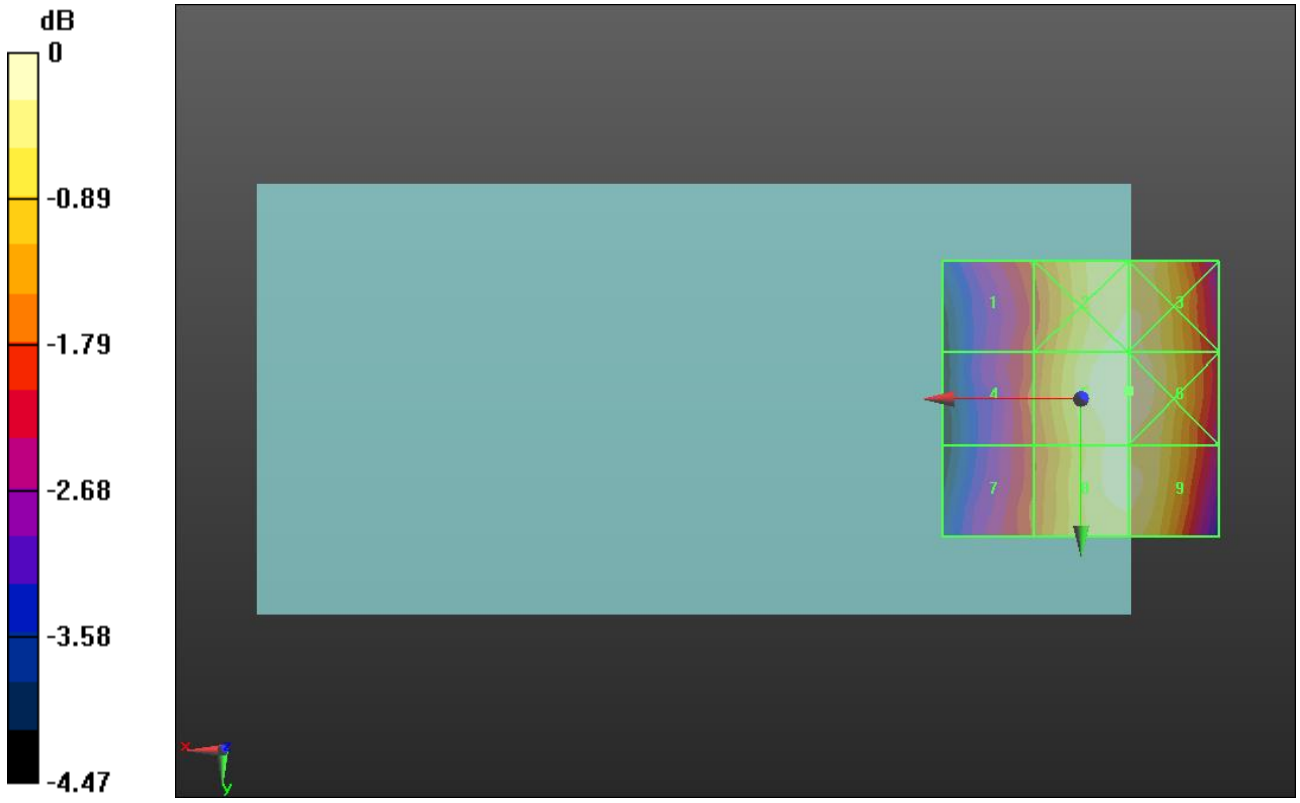
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC0 E-Field measurement/Voice_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 = 21.58 V/m; Power Drift = -0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.37 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **26.7 dBV/m** | Grid 2 **M4** **28.22 dBV/m** | Grid 3 **M4** **28.21 dBV/m** |
| Grid 4 **M4** **26.77 dBV/m** | Grid 5 **M4** **28.37 dBV/m** | Grid 6 **M4** **28.37 dBV/m** |
| Grid 7 **M4** **26.71 dBV/m** | Grid 8 **M4** **28.21 dBV/m** | Grid 9 **M4** **28.21 dBV/m** |




0 dB = 26.22 V/m = 28.37 dBV/m

# HAC-RF Emission

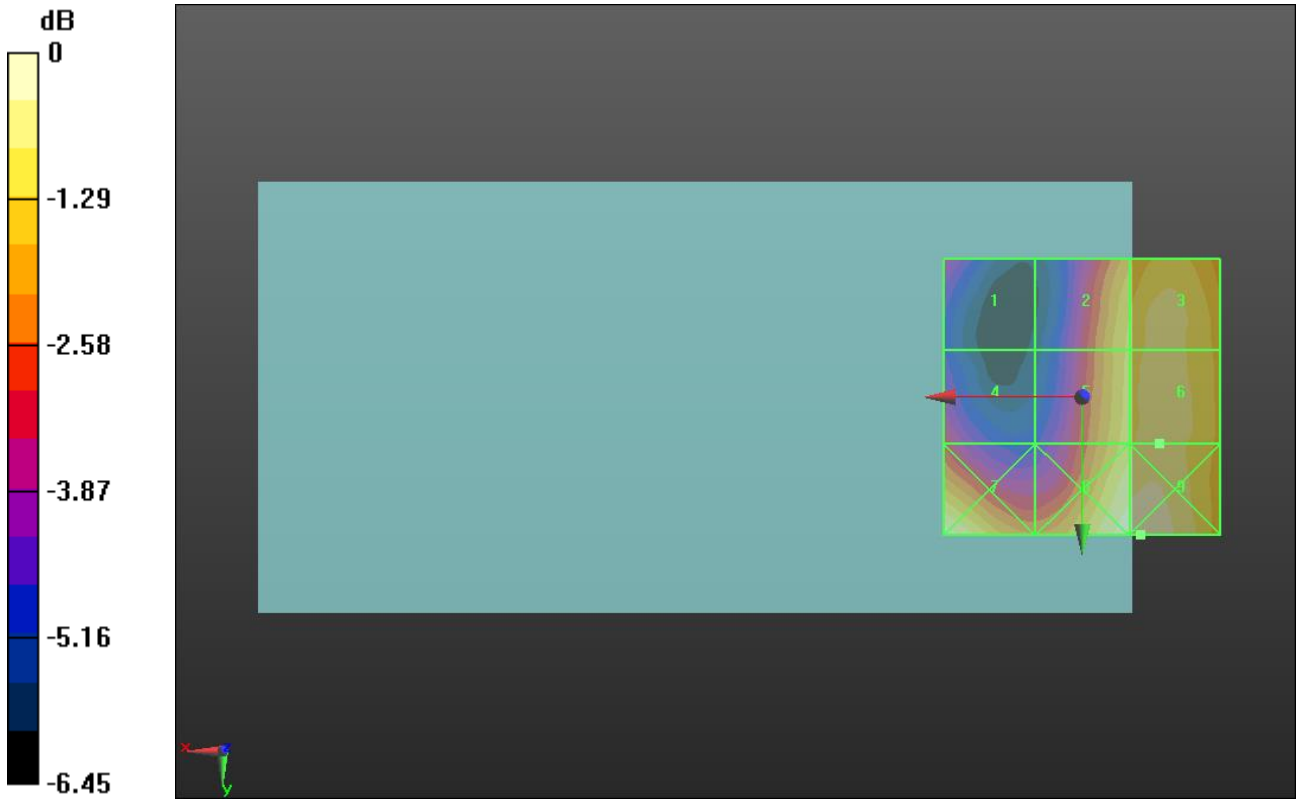
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC1 E-Field measurement/Voice_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 = 10.56 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.95 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.98 dBV/m** | Grid 2 **M4** **24.37 dBV/m** | Grid 3 **M4** **24.87 dBV/m** |
| Grid 4 **M4** **22.55 dBV/m** | Grid 5 **M4** **24.58 dBV/m** | Grid 6 **M4** **24.95 dBV/m** |
| Grid 7 **M4** **25.46 dBV/m** | Grid 8 **M4** **25.46 dBV/m** | Grid 9 **M4** **25.55 dBV/m** |




0 dB = 18.94 V/m = 25.55 dBV/m

# HAC-RF Emission

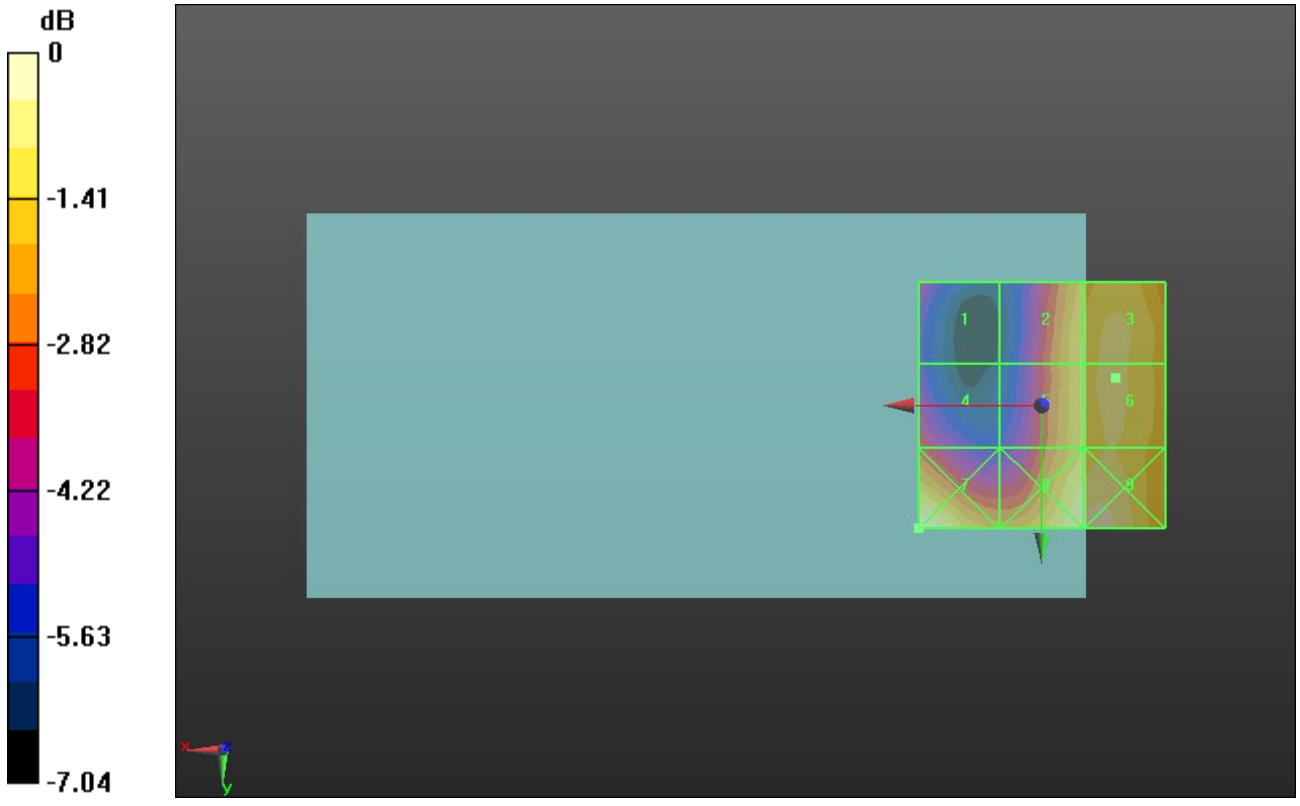
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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)

## LAT_CDMA BC1 E-Field measurement/Voice_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 = 11.37 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.49 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.52 dBV/m** | Grid 2 **M4** **25.01 dBV/m** | Grid 3 **M4** **25.48 dBV/m** |
| Grid 4 **M4** **23.32 dBV/m** | Grid 5 **M4** **25.03 dBV/m** | Grid 6 **M4** **25.49 dBV/m** |
| Grid 7 **M4** **26.3 dBV/m** | Grid 8 **M4** **25.89 dBV/m** | Grid 9 **M4** **25.98 dBV/m** |




0 dB = 20.65 V/m = 26.30 dBV/m

# HAC-RF Emission

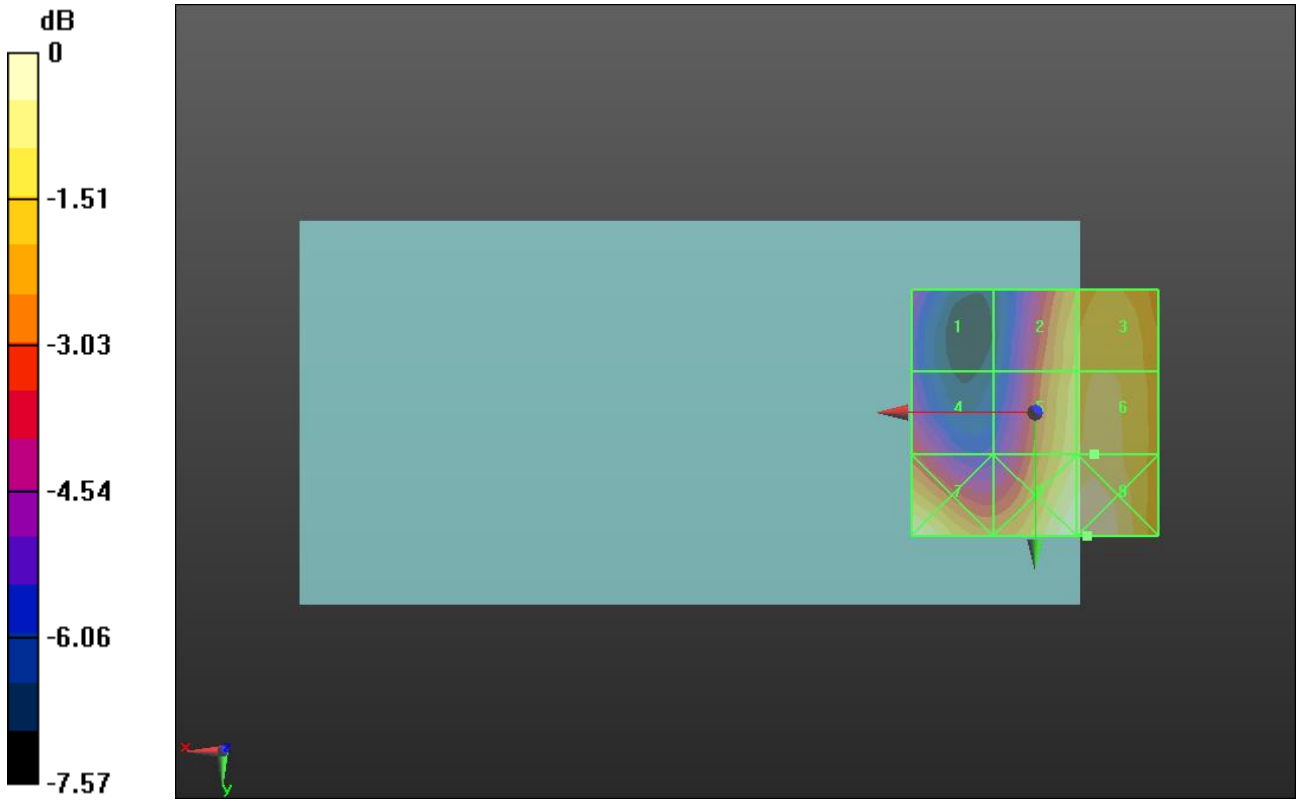
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC1 E-Field measurement/Voice_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 = 12.35 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.97 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.22 dBV/m** | Grid 2 **M4** **25.32 dBV/m** | Grid 3 **M4** **25.68 dBV/m** |
| Grid 4 **M4** **23.45 dBV/m** | Grid 5 **M4** **25.72 dBV/m** | Grid 6 **M4** **25.97 dBV/m** |
| Grid 7 **M4** **26.57 dBV/m** | Grid 8 **M4** **26.62 dBV/m** | Grid 9 **M4** **26.68 dBV/m** |




0 dB = 21.57 V/m = 26.68 dBV/m

# HAC-RF Emission

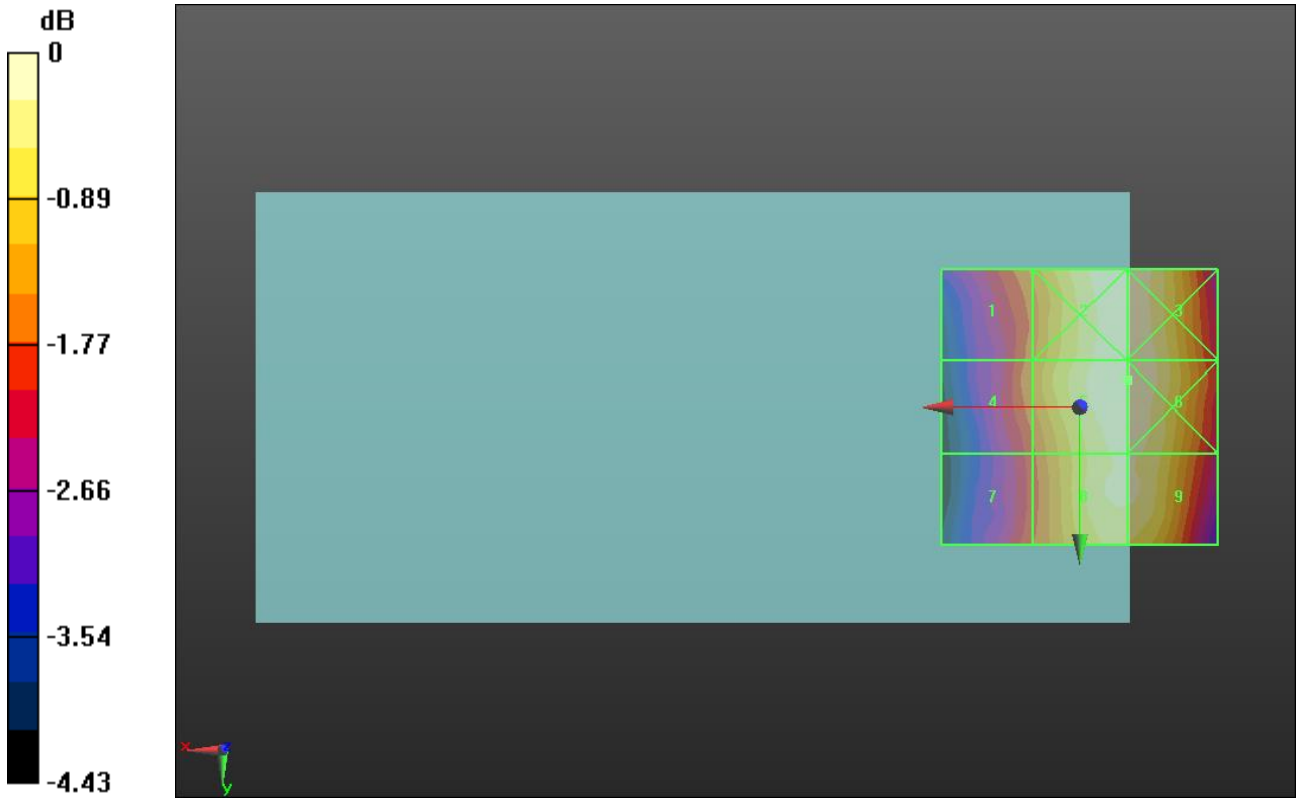
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC10 E-Field measurement/Voice_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 = 17.73 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.74 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.38 dBV/m** | Grid 2 **M4** **26.67 dBV/m** | Grid 3 **M4** **26.67 dBV/m** |
| Grid 4 **M4** **25.32 dBV/m** | Grid 5 **M4** **26.74 dBV/m** | Grid 6 **M4** **26.74 dBV/m** |
| Grid 7 **M4** **24.99 dBV/m** | Grid 8 **M4** **26.54 dBV/m** | Grid 9 **M4** **26.54 dBV/m** |




0 dB = 21.72 V/m = 26.74 dBV/m

# HAC-RF Emission

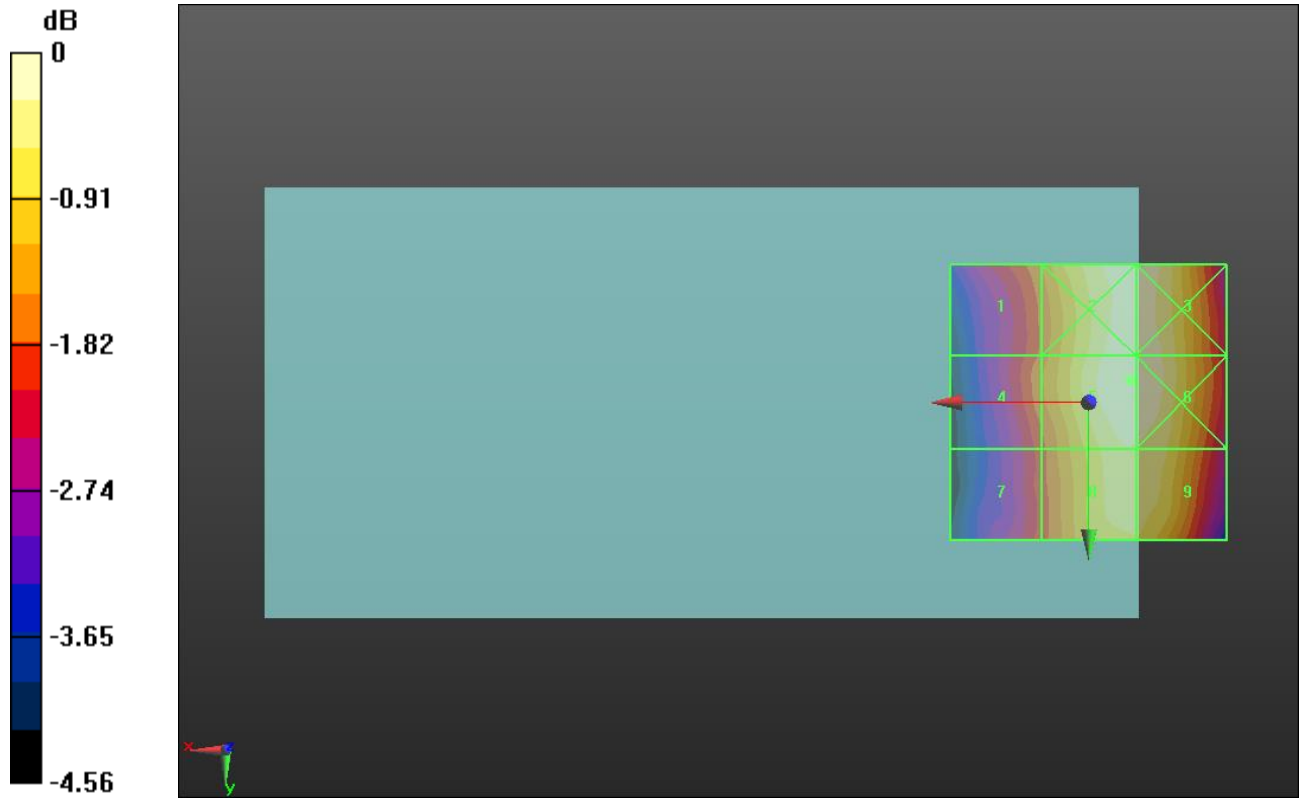
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC10 E-Field measurement/Voice_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 = 18.44 V/m; Power Drift = -0.09 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.10 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.63 dBV/m** | Grid 2 **M4** **27.08 dBV/m** | Grid 3 **M4** **27.08 dBV/m** |
| Grid 4 **M4** **25.57 dBV/m** | Grid 5 **M4** **27.1 dBV/m** | Grid 6 **M4** **27.09 dBV/m** |
| Grid 7 **M4** **25.19 dBV/m** | Grid 8 **M4** **26.79 dBV/m** | Grid 9 **M4** **26.77 dBV/m** |




0 dB = 22.66 V/m = 27.11 dBV/m

# HAC-RF Emission

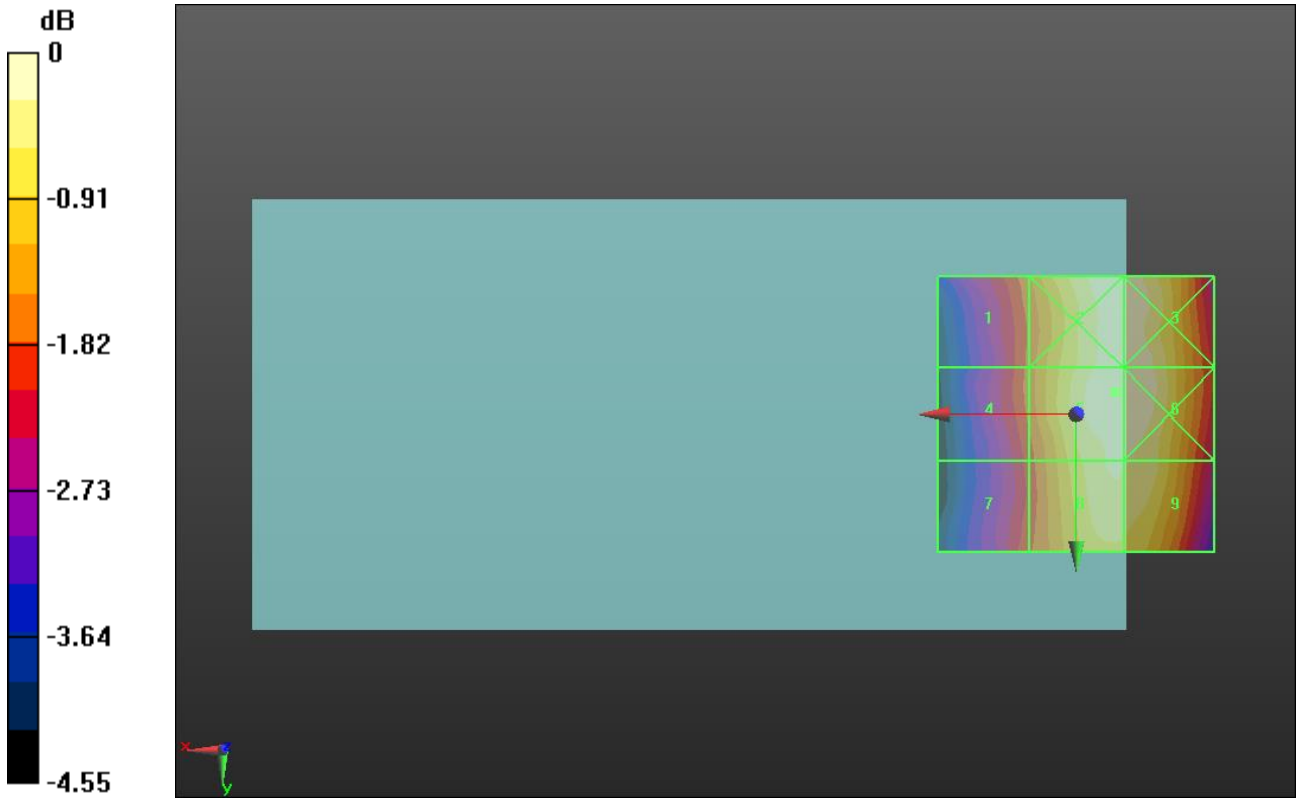
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC10 E-Field measurement/Voice_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 = 18.32 V/m; Power Drift = 0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.13 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.59 dBV/m** | Grid 2 **M4** **27.06 dBV/m** | Grid 3 **M4** **27.06 dBV/m** |
| Grid 4 **M4** **25.48 dBV/m** | Grid 5 **M4** **27.13 dBV/m** | Grid 6 **M4** **27.11 dBV/m** |
| Grid 7 **M4** **25.28 dBV/m** | Grid 8 **M4** **26.86 dBV/m** | Grid 9 **M4** **26.85 dBV/m** |




0 dB = 22.72 V/m = 27.13 dBV/m

# HAC-RF Emission

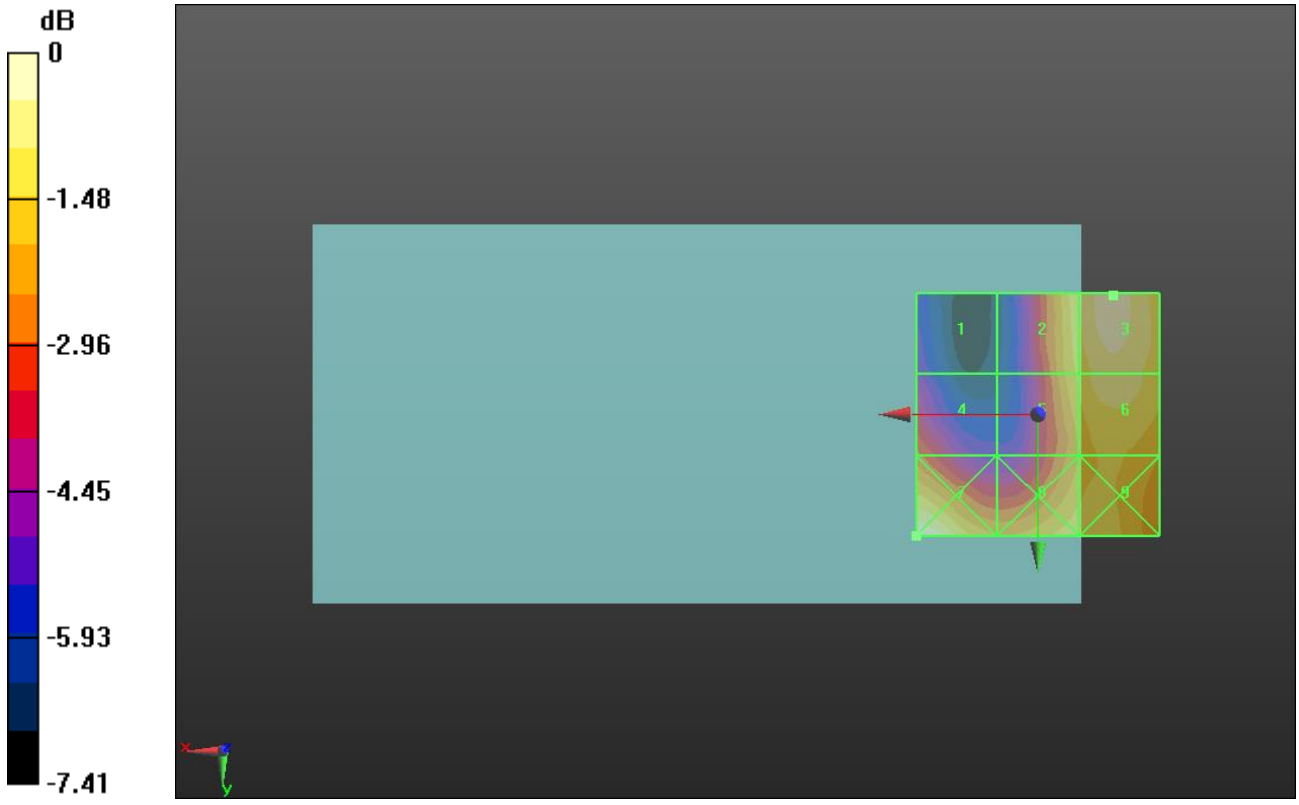
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1711.25 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC15 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 = 8.875 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.48 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **19.89 dBV/m** | Grid 2 **M4** **23.71 dBV/m** | Grid 3 **M4** **24.48 dBV/m** |
| Grid 4 **M4** **21.99 dBV/m** | Grid 5 **M4** **23.37 dBV/m** | Grid 6 **M4** **24.1 dBV/m** |
| Grid 7 **M4** **24.72 dBV/m** | Grid 8 **M4** **23.67 dBV/m** | Grid 9 **M4** **23.7 dBV/m** |




0 dB = 17.22 V/m = 24.72 dBV/m

# HAC-RF Emission

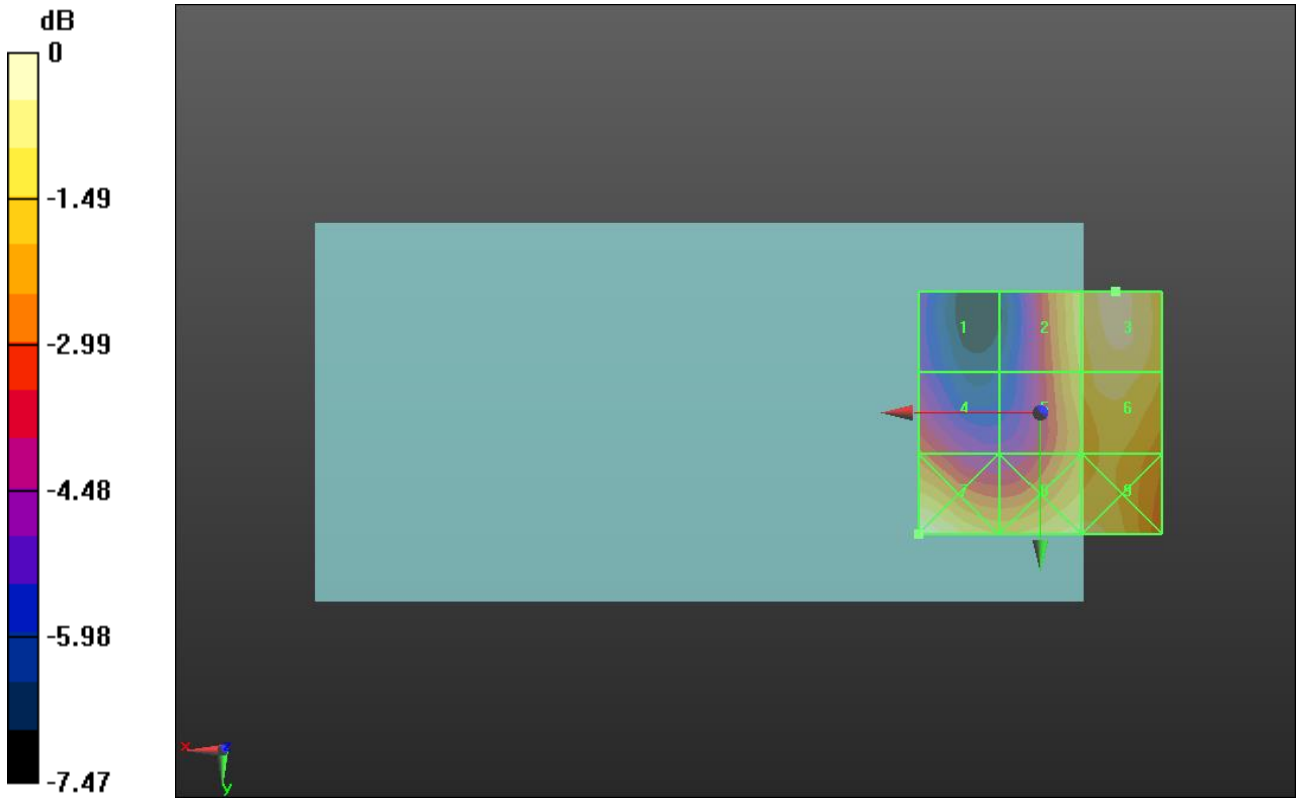
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC15 E-Field measurement/RC1_SO3_Ch 450/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 = 9.215 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.70 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **20.19 dBV/m** | Grid 2 **M4** **23.9 dBV/m** | Grid 3 **M4** **24.7 dBV/m** |
| Grid 4 **M4** **22.2 dBV/m** | Grid 5 **M4** **23.56 dBV/m** | Grid 6 **M4** **24.24 dBV/m** |
| Grid 7 **M4** **24.95 dBV/m** | Grid 8 **M4** **24.17 dBV/m** | Grid 9 **M4** **24.17 dBV/m** |




0 dB = 17.68 V/m = 24.95 dBV/m

# HAC-RF Emission

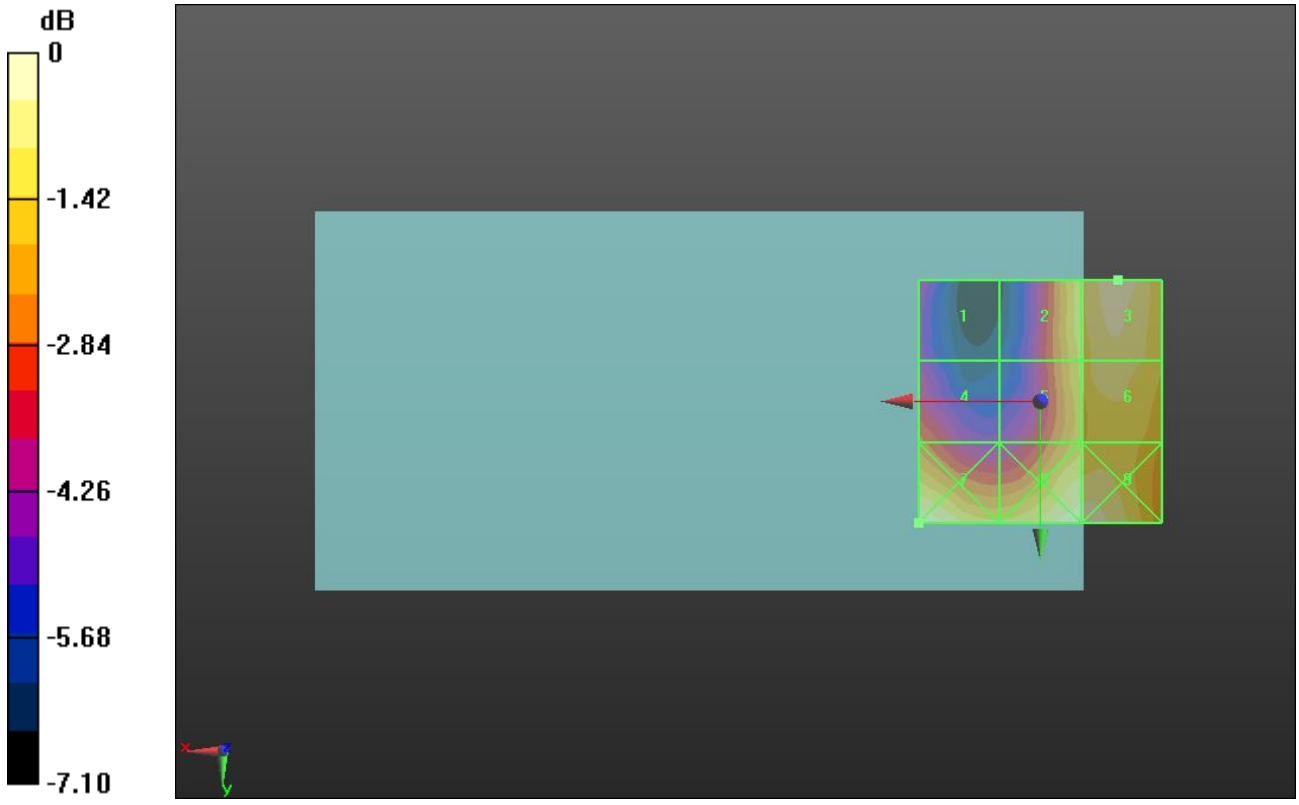
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_CDMA BC15 E-Field measurement/RC1_SO3_Ch 875/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 = 9.023 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.48 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **20.51 dBV/m** | Grid 2 **M4** **23.66 dBV/m** | Grid 3 **M4** **24.48 dBV/m** |
| Grid 4 **M4** **22.12 dBV/m** | Grid 5 **M4** **23.45 dBV/m** | Grid 6 **M4** **24.13 dBV/m** |
| Grid 7 **M4** **24.72 dBV/m** | Grid 8 **M4** **24.54 dBV/m** | Grid 9 **M4** **24.54 dBV/m** |




0 dB = 17.23 V/m = 24.73 dBV/m

# HAC-RF Emission_WiFi 2.4GHz

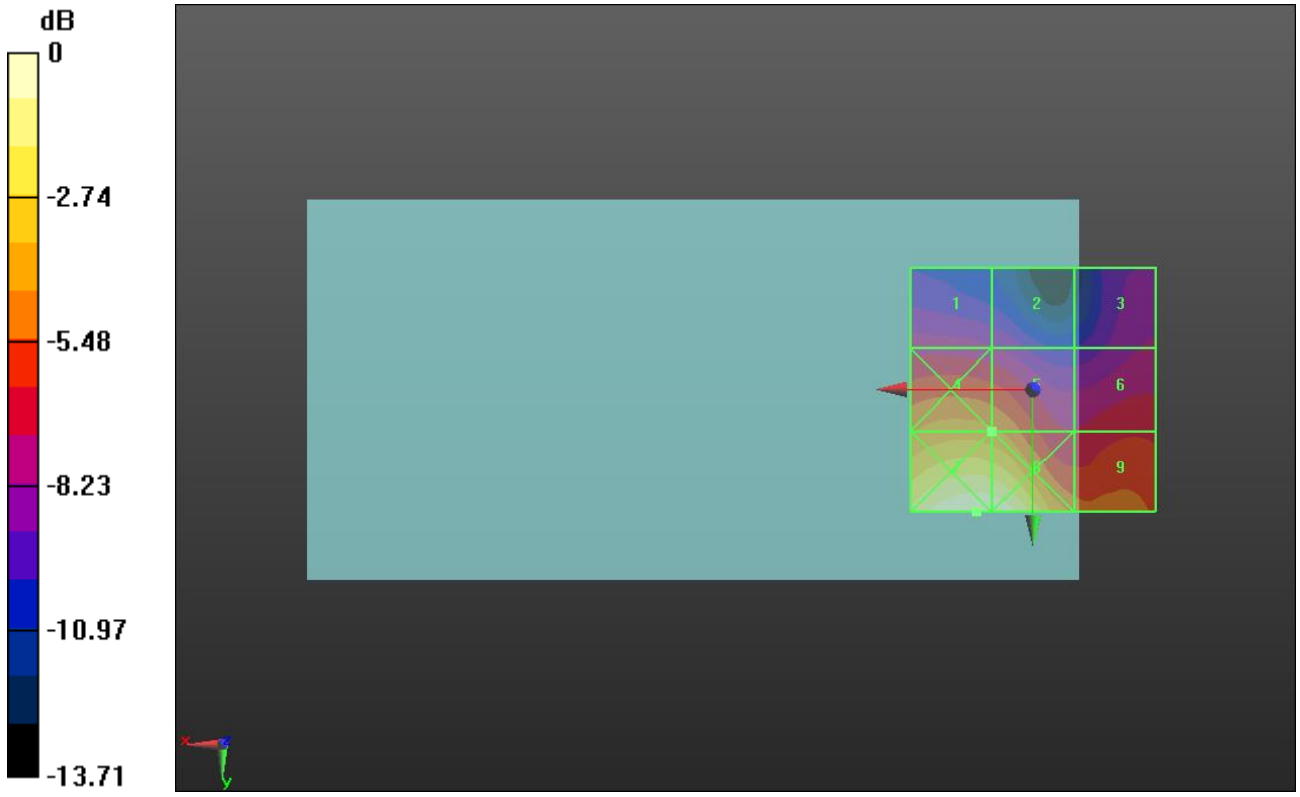
Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_802.11g E-Field measurement/VOIP_ch 3/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 = 9.128 V/m; Power Drift = -0.07 dB
Applied MIF = 0.12 dB
RF audio interference level = 21.57 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **18.32 dBV/m** | Grid 2 **M4** **17.86 dBV/m** | Grid 3 **M4** **17.84 dBV/m** |
| Grid 4 **M4** **21.88 dBV/m** | Grid 5 **M4** **21.57 dBV/m** | Grid 6 **M4** **19.42 dBV/m** |
| Grid 7 **M4** **25.9 dBV/m** | Grid 8 **M4** **25.78 dBV/m** | Grid 9 **M4** **21.06 dBV/m** |




0 dB = 19.74 V/m = 25.91 dBV/m

## HAC-RF Emission_WiFi 2.4GHz

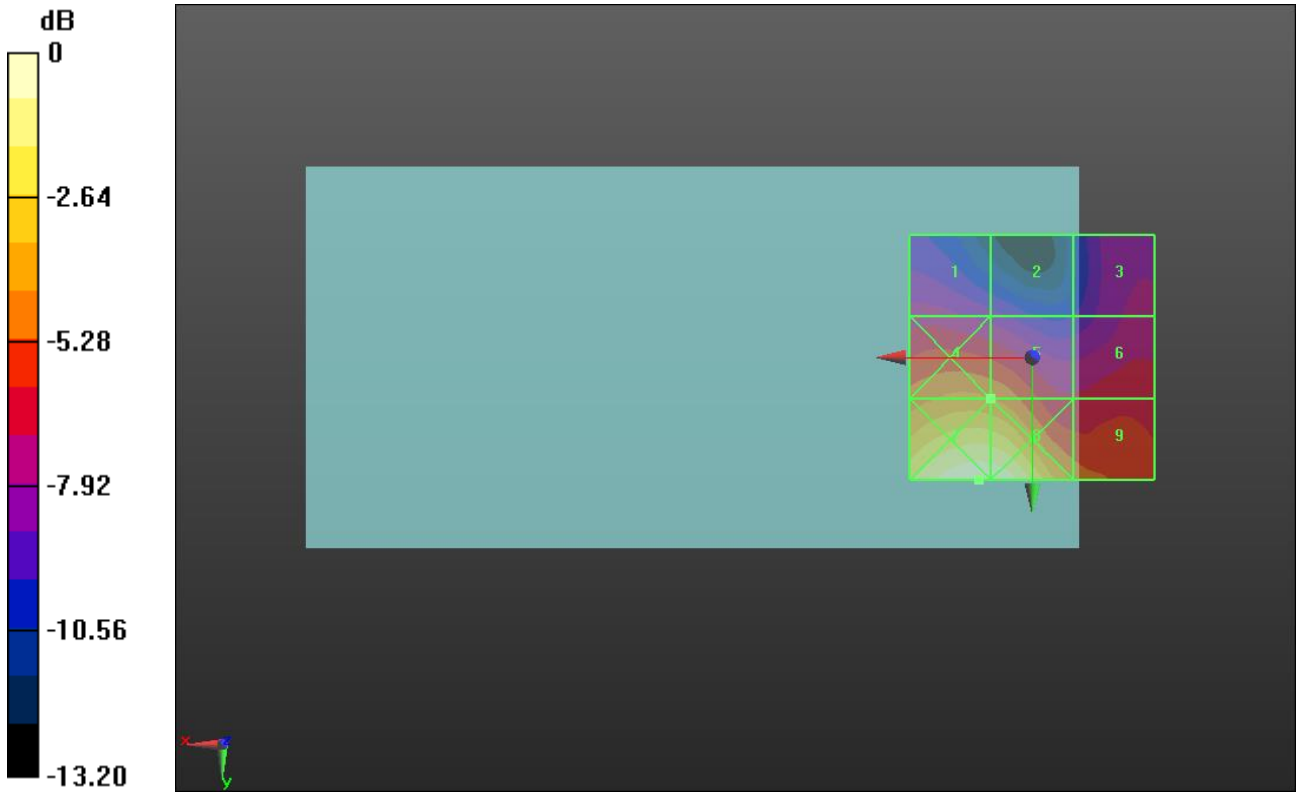
Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_802.11g E-Field measurement/VOIP_ch 6/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 = 8.715 V/m; Power Drift = -0.12 dB
Applied MIF = 0.12 dB
RF audio interference level = 21.22 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **18.12 dBV/m** | Grid 2 **M4** **17.17 dBV/m** | Grid 3 **M4** **17.9 dBV/m** |
| Grid 4 **M4** **21.45 dBV/m** | Grid 5 **M4** **21.22 dBV/m** | Grid 6 **M4** **19.13 dBV/m** |
| Grid 7 **M4** **25.52 dBV/m** | Grid 8 **M4** **25.46 dBV/m** | Grid 9 **M4** **21.01 dBV/m** |




0 dB = 18.89 V/m = 25.52 dBV/m

# HAC-RF Emission_WiFi 2.4GHz

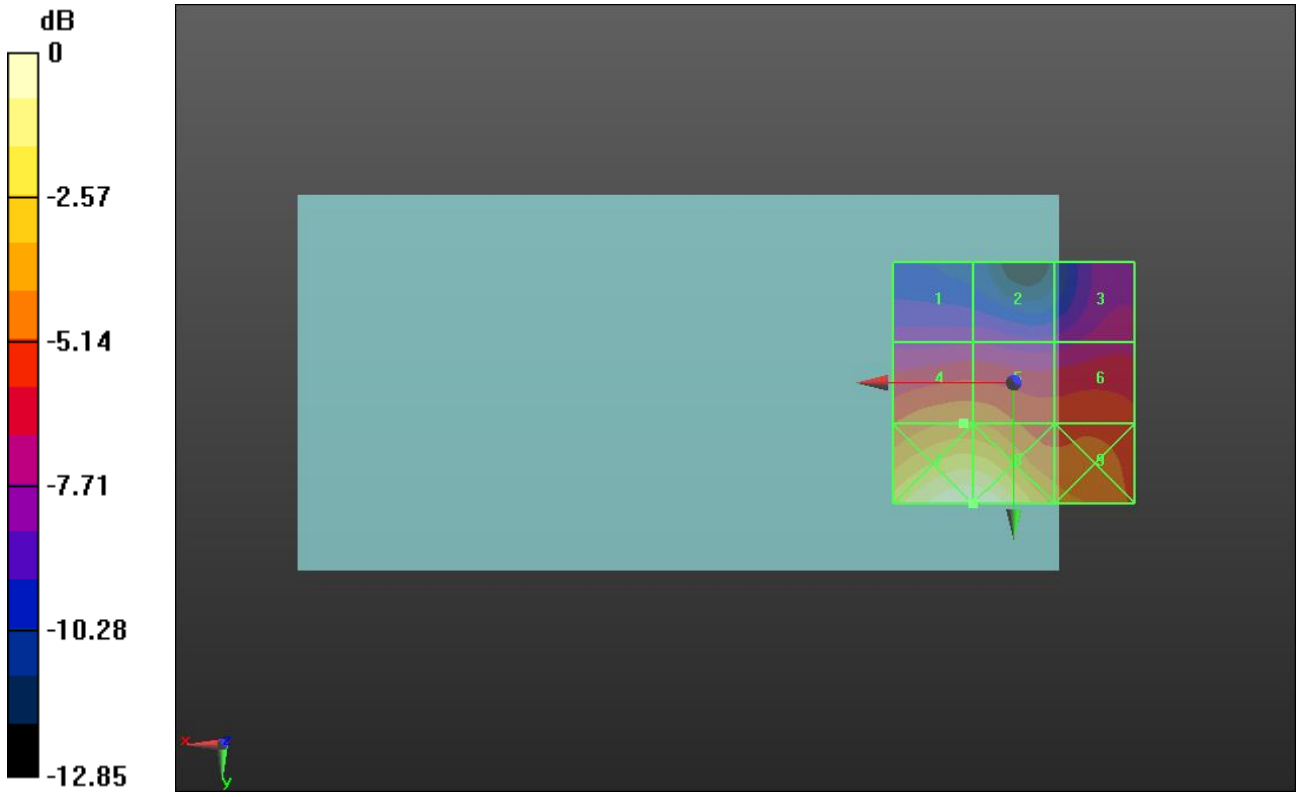
Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_802.11g E-Field measurement/VOIP_ch 9/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 = 10.28 V/m; Power Drift = 0.05 dB
Applied MIF = 0.12 dB
RF audio interference level = 21.52 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **17.86 dBV/m** | Grid 2 **M4** **17.88 dBV/m** | Grid 3 **M4** **18.63 dBV/m** |
| Grid 4 **M4** **21.52 dBV/m** | Grid 5 **M4** **21.49 dBV/m** | Grid 6 **M4** **20.35 dBV/m** |
| Grid 7 **M4** **25.65 dBV/m** | Grid 8 **M4** **25.65 dBV/m** | Grid 9 **M4** **21.98 dBV/m** |




0 dB = 19.17 V/m = 25.65 dBV/m

## HAC-RF Emission

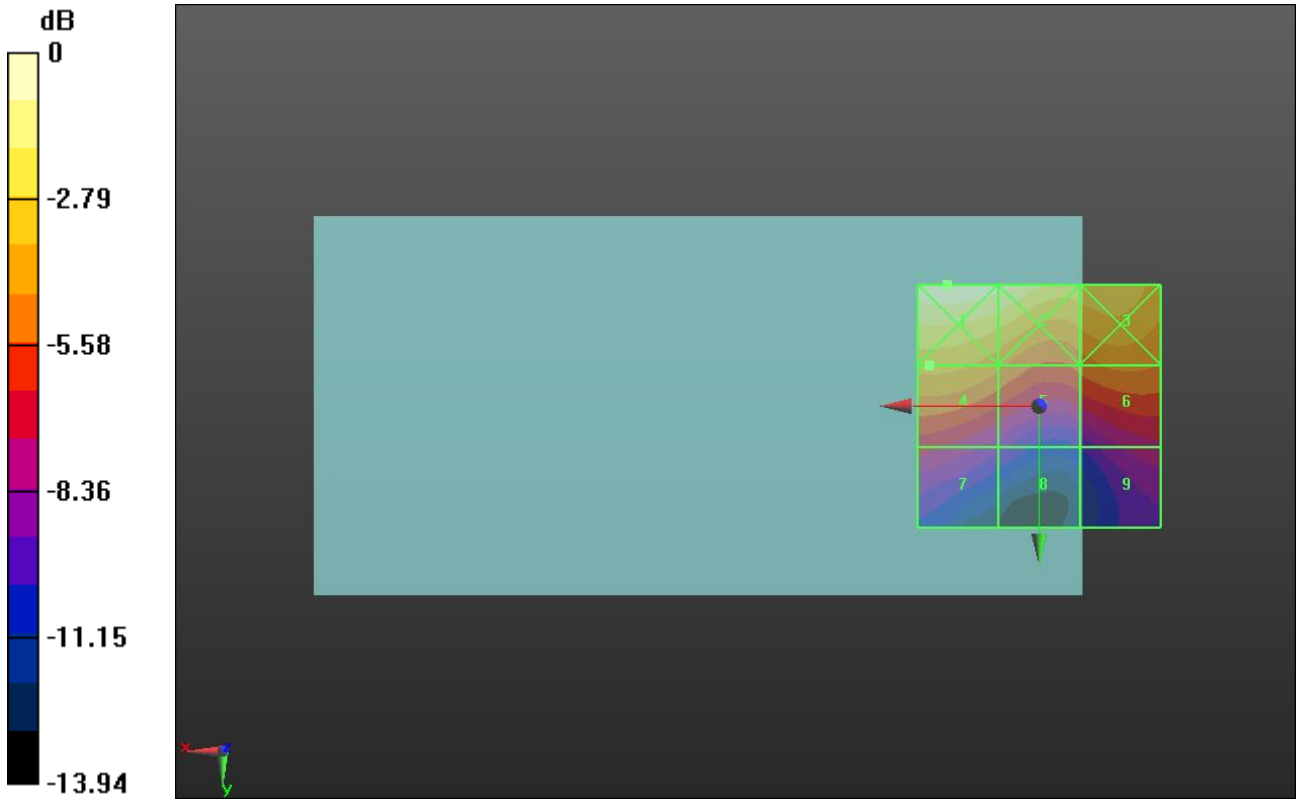
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_LTE Band 41_20 MHz BW 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 = 8.457 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.64 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.02 dBV/m** | Grid 2 **M4** **23.55 dBV/m** | Grid 3 **M4** **21.96 dBV/m** |
| Grid 4 **M4** **20.64 dBV/m** | Grid 5 **M4** **19.65 dBV/m** | Grid 6 **M4** **19.63 dBV/m** |
| Grid 7 **M4** **16.99 dBV/m** | Grid 8 **M4** **15.08 dBV/m** | Grid 9 **M4** **16.3 dBV/m** |




0 dB = 15.88 V/m = 24.02 dBV/m

# HAC-RF Emission

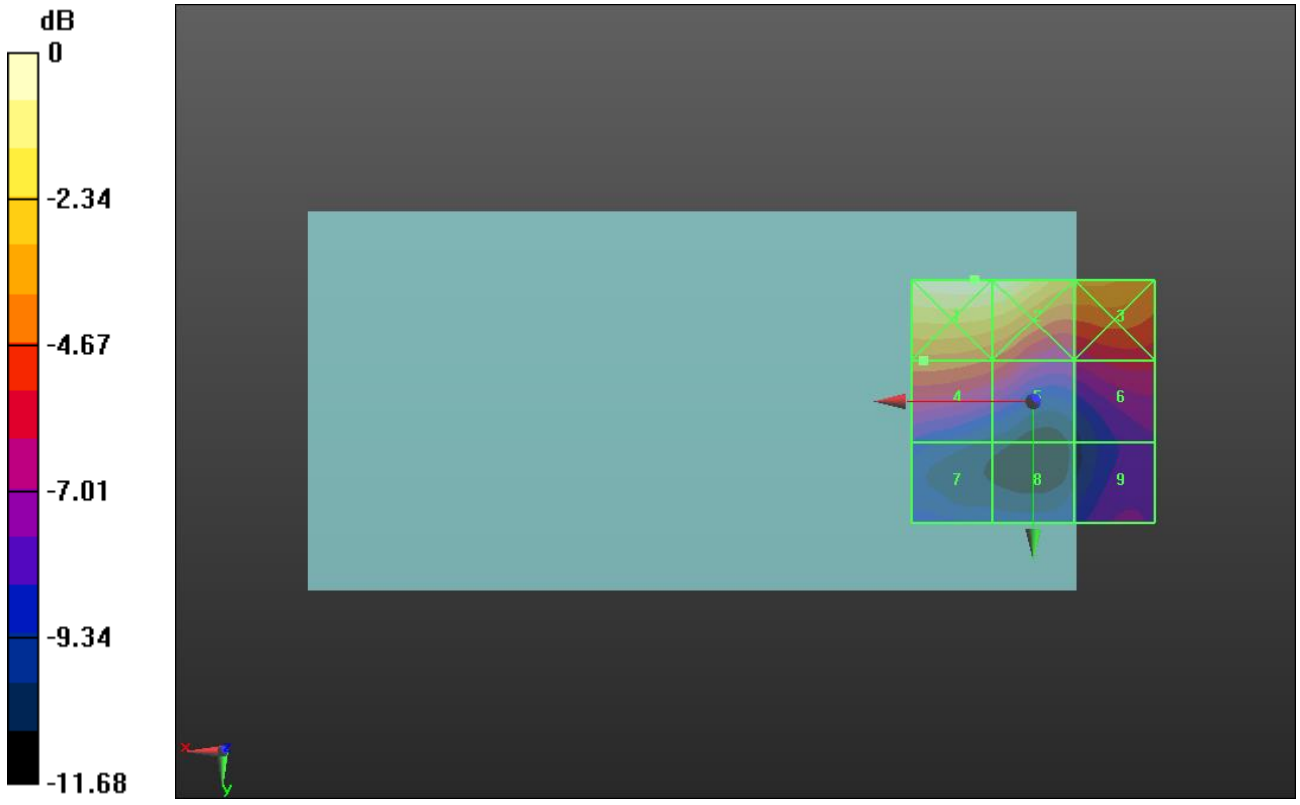
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_LTE Band 41_20 MHz BW 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 = 7.008 V/m; Power Drift = -0.16 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.07 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.2 dBV/m** | Grid 2 **M4** **24.06 dBV/m** | Grid 3 **M4** **21.42 dBV/m** |
| Grid 4 **M4** **20.07 dBV/m** | Grid 5 **M4** **19.39 dBV/m** | Grid 6 **M4** **18.35 dBV/m** |
| Grid 7 **M4** **15.56 dBV/m** | Grid 8 **M4** **15.31 dBV/m** | Grid 9 **M4** **16.64 dBV/m** |




0 dB = 16.22 V/m = 24.20 dBV/m

# HAC-RF Emission

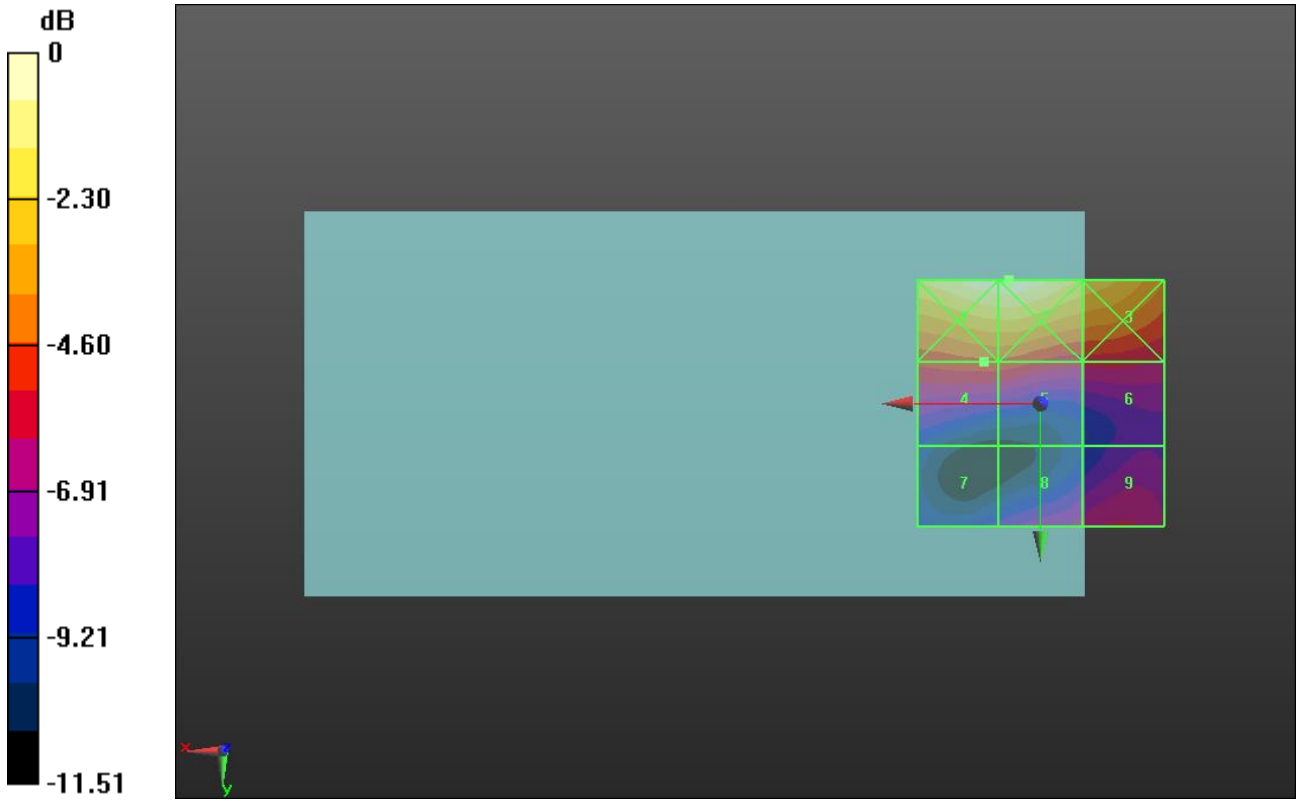
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_LTE Band 41_20 MHz BW 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 = 6.937 V/m; Power Drift = -0.13 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.36 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.09 dBV/m** | Grid 2 **M4** **24.13 dBV/m** | Grid 3 **M4** **22.52 dBV/m** |
| Grid 4 **M4** **19.36 dBV/m** | Grid 5 **M4** **19.33 dBV/m** | Grid 6 **M4** **18.37 dBV/m** |
| Grid 7 **M4** **16.21 dBV/m** | Grid 8 **M4** **17.73 dBV/m** | Grid 9 **M4** **18.13 dBV/m** |




0 dB = 16.09 V/m = 24.13 dBV/m

# HAC-RF Emission

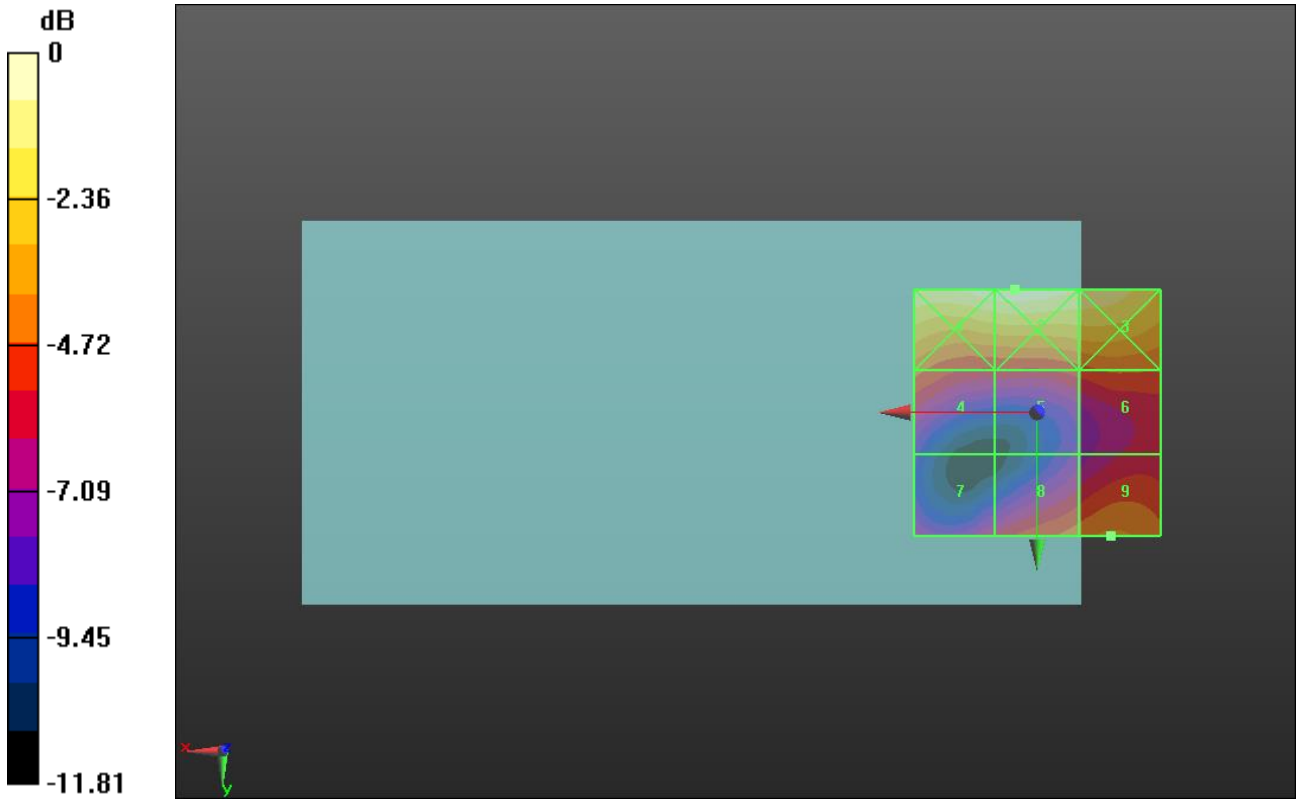
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_LTE Band 41_20 MHz BW 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 = 6.501 V/m; Power Drift = -0.27 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.93 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.59 dBV/m** | Grid 2 **M4** **23.72 dBV/m** | Grid 3 **M4** **23.01 dBV/m** |
| Grid 4 **M4** **19.35 dBV/m** | Grid 5 **M4** **18.64 dBV/m** | Grid 6 **M4** **19.13 dBV/m** |
| Grid 7 **M4** **17.67 dBV/m** | Grid 8 **M4** **19.58 dBV/m** | Grid 9 **M4** **19.93 dBV/m** |




0 dB = 15.35 V/m = 23.72 dBV/m

## HAC-RF Emission

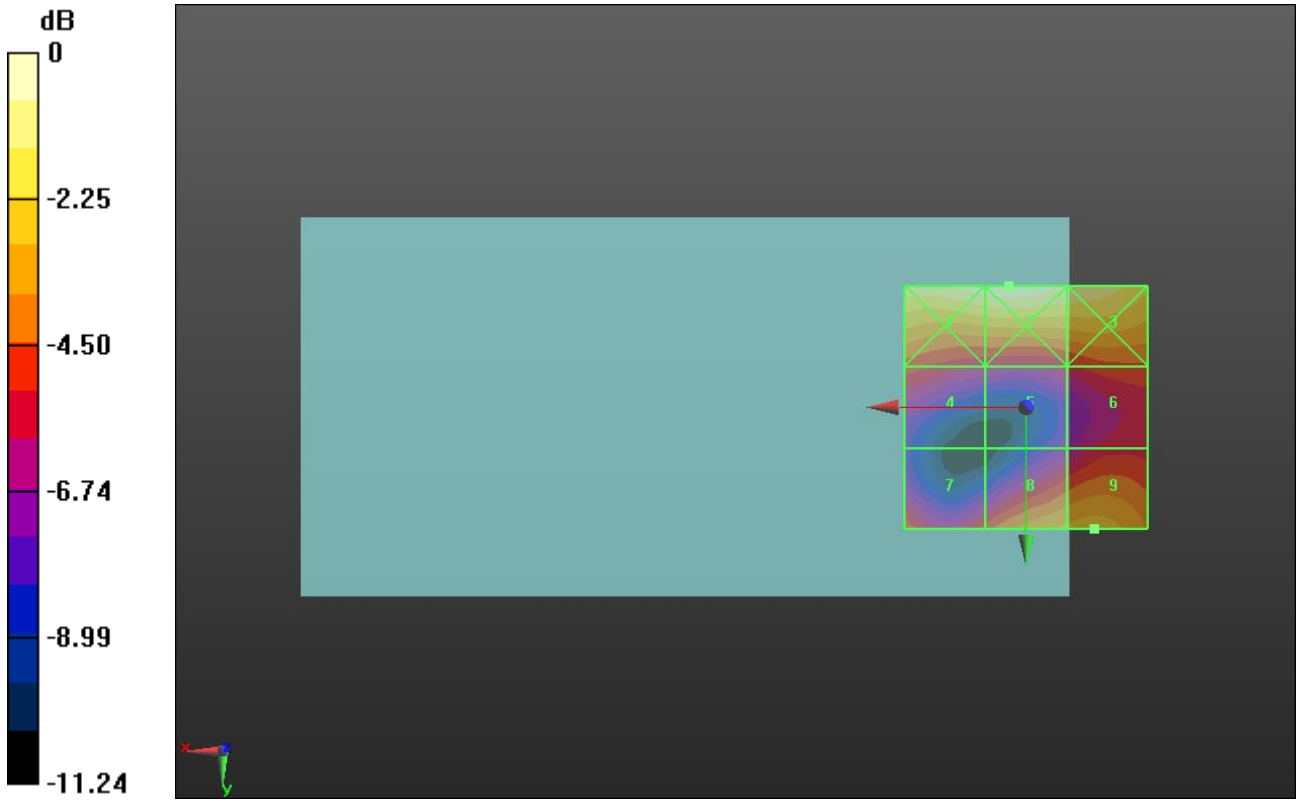
Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 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)

## LAT_LTE Band 41_20 MHz BW 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 = 5.027 V/m; Power Drift = -0.18 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.07 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.44 dBV/m** | Grid 2 **M4** **22.62 dBV/m** | Grid 3 **M4** **21.97 dBV/m** |
| Grid 4 **M4** **17.8 dBV/m** | Grid 5 **M4** **17.14 dBV/m** | Grid 6 **M4** **18.04 dBV/m** |
| Grid 7 **M4** **18.21 dBV/m** | Grid 8 **M4** **19.86 dBV/m** | Grid 9 **M4** **20.07 dBV/m** |




0 dB = 13.52 V/m = 22.62 dBV/m