

## #01\_HAC\_E\_WLAN2.4GHz\_802.11b 1Mbps\_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle:1:2.29087

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0);SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 10.90 V/m; Power Drift = -0.02 dB

Applied MIF = -2.02 dB

RF audio interference level = 24.16 dBV/m

**Emission category: M4**

MIF scaled E-field

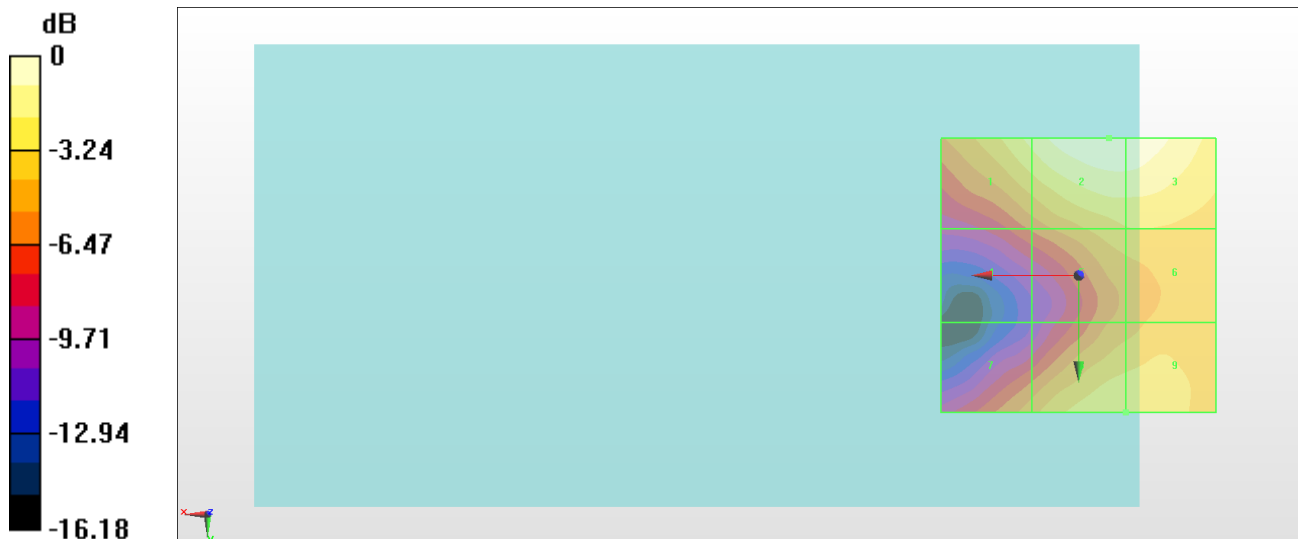
Grid 1 <b>M4</b> <b>22.41 dBV/m</b>	Grid 2 <b>M4</b> <b>24.16 dBV/m</b>	Grid 3 <b>M4</b> <b>24.06 dBV/m</b>
Grid 4 <b>M4</b> <b>17.91 dBV/m</b>	Grid 5 <b>M4</b> <b>20.83 dBV/m</b>	Grid 6 <b>M4</b> <b>20.97 dBV/m</b>
Grid 7 <b>M4</b> <b>19.5 dBV/m</b>	Grid 8 <b>M4</b> <b>21.96 dBV/m</b>	Grid 9 <b>M4</b> <b>21.96 dBV/m</b>

**Cursor:**

Total = 24.16 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 16.15 V/m = 24.16 dBV/m

## #02\_HAC\_E\_WLAN2.4GHz\_802.11b 1Mbps\_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:2.29087

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 13.35 V/m; Power Drift = -0.01 dB

Applied MIF = -2.02 dB

RF audio interference level = 25.73 dBV/m

**Emission category: M4**

MIF scaled E-field

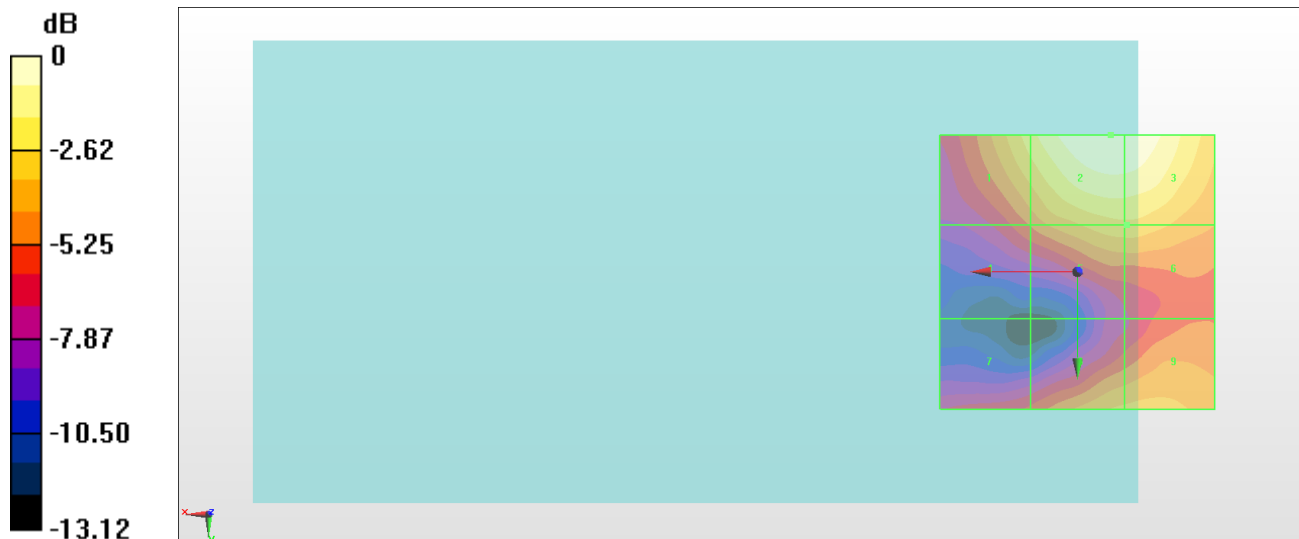
Grid 1 <b>M4</b> <b>23.65 dBV/m</b>	Grid 2 <b>M4</b> <b>25.73 dBV/m</b>	Grid 3 <b>M4</b> <b>25.66 dBV/m</b>
Grid 4 <b>M4</b> <b>20.58 dBV/m</b>	Grid 5 <b>M4</b> <b>22.86 dBV/m</b>	Grid 6 <b>M4</b> <b>22.86 dBV/m</b>
Grid 7 <b>M4</b> <b>19.9 dBV/m</b>	Grid 8 <b>M4</b> <b>22.43 dBV/m</b>	Grid 9 <b>M4</b> <b>22.64 dBV/m</b>

**Cursor:**

Total = 25.73 dBV/m

E Category: M4

Location: -6, -25, 8.7 mm



0 dB = 19.35 V/m = 25.73 dBV/m

### #03\_HAC\_E\_WLAN2.4GHz\_802.11b 1Mbps\_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:2.29087

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.99 V/m; Power Drift = -0.07 dB

Applied MIF = -2.02 dB

RF audio interference level = 24.22 dBV/m

**Emission category: M4**

MIF scaled E-field

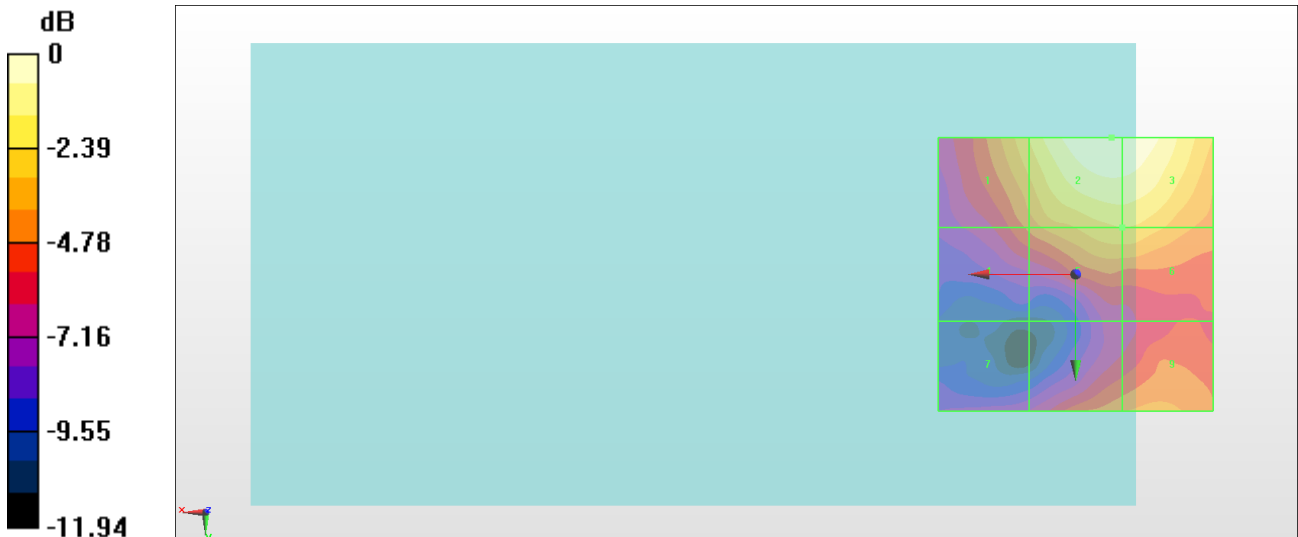
<b>Grid 1 M4</b> <b>21.86 dBV/m</b>	<b>Grid 2 M4</b> <b>24.22 dBV/m</b>	<b>Grid 3 M4</b> <b>24.17 dBV/m</b>
<b>Grid 4 M4</b> <b>19.65 dBV/m</b>	<b>Grid 5 M4</b> <b>21.81 dBV/m</b>	<b>Grid 6 M4</b> <b>21.81 dBV/m</b>
<b>Grid 7 M4</b> <b>17.14 dBV/m</b>	<b>Grid 8 M4</b> <b>20.2 dBV/m</b>	<b>Grid 9 M4</b> <b>20.64 dBV/m</b>

**Cursor:**

Total = 24.22 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



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

### #04\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1

Communication System: 802.11g; Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 16.89 V/m; Power Drift = 0.04 dB

Applied MIF = -2.02 dB

RF audio interference level = 24.31 dBV/m

**Emission category: M4**

MIF scaled E-field

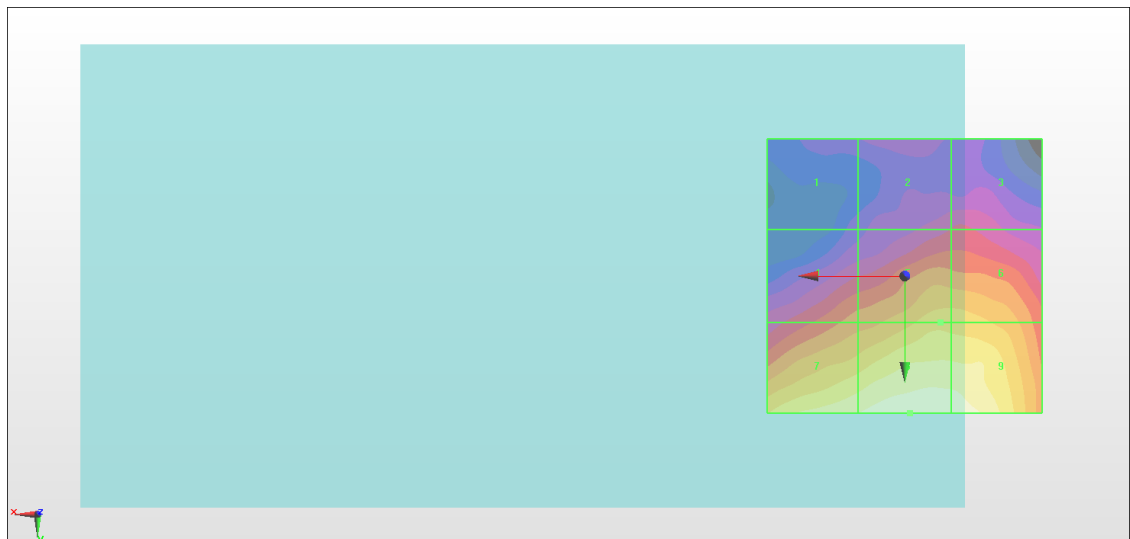
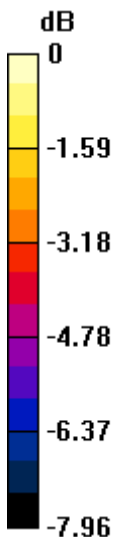
Grid 1 <b>M4</b> <b>18.99 dBV/m</b>	Grid 2 <b>M4</b> <b>20.11 dBV/m</b>	Grid 3 <b>M4</b> <b>20.18 dBV/m</b>
Grid 4 <b>M4</b> <b>21.43 dBV/m</b>	Grid 5 <b>M4</b> <b>22.53 dBV/m</b>	Grid 6 <b>M4</b> <b>22.5 dBV/m</b>
Grid 7 <b>M4</b> <b>23.78 dBV/m</b>	Grid 8 <b>M4</b> <b>24.31 dBV/m</b>	Grid 9 <b>M4</b> <b>24.09 dBV/m</b>

**Cursor:**

Total = 24.31 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 16.42 V/m = 24.31 dBV/m

### #05\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 45.55 V/m; Power Drift = 0.02 dB

Applied MIF = -2.02 dB

RF audio interference level = 33.24 dBV/m

**Emission category: M3**

MIF scaled E-field

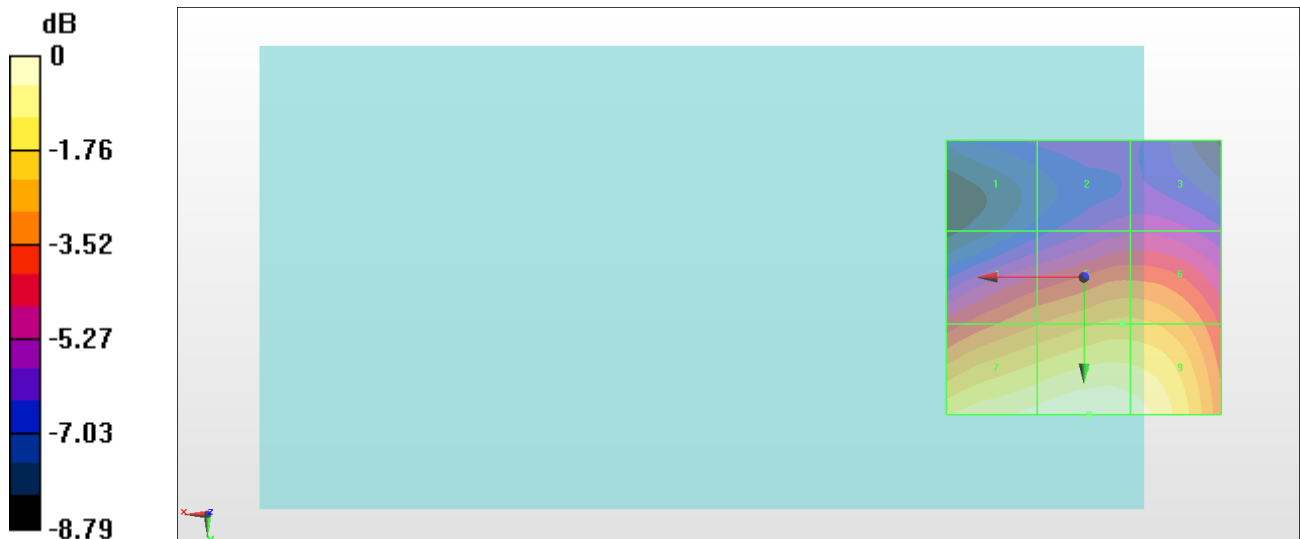
Grid 1 <b>M4</b> <b>27.01 dBV/m</b>	Grid 2 <b>M4</b> <b>27.88 dBV/m</b>	Grid 3 <b>M4</b> <b>27.9 dBV/m</b>
Grid 4 <b>M3</b> <b>30.29 dBV/m</b>	Grid 5 <b>M3</b> <b>31.08 dBV/m</b>	Grid 6 <b>M3</b> <b>31.07 dBV/m</b>
Grid 7 <b>M3</b> <b>32.9 dBV/m</b>	Grid 8 <b>M3</b> <b>33.24 dBV/m</b>	Grid 9 <b>M3</b> <b>33.01 dBV/m</b>

**Cursor:**

Total = 33.24 dBV/m

E Category: M3

Location: -1, 25, 8.7 mm



0 dB = 45.92 V/m = 33.24 dBV/m

## #06\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Battery 2

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 50.64 V/m; Power Drift = 0.03 dB

Applied MIF = -2.02 dB

RF audio interference level = 33.64 dBV/m

**Emission category: M3**

MIF scaled E-field

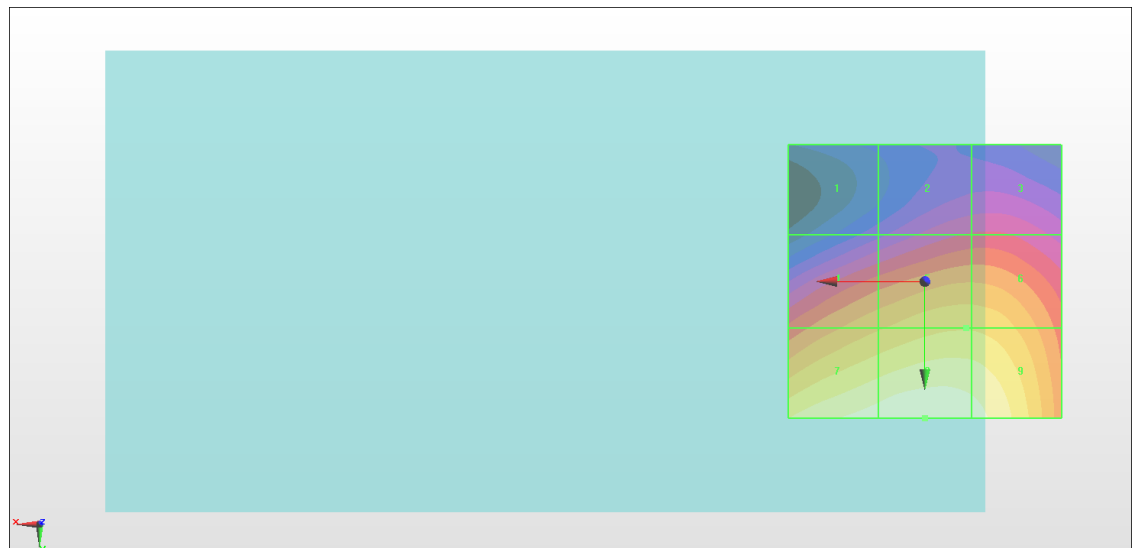
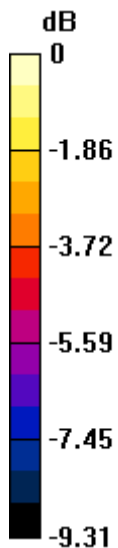
Grid 1 <b>M4</b> <b>27.3 dBV/m</b>	Grid 2 <b>M4</b> <b>28.79 dBV/m</b>	Grid 3 <b>M4</b> <b>28.83 dBV/m</b>
Grid 4 <b>M3</b> <b>31.1 dBV/m</b>	Grid 5 <b>M3</b> <b>31.74 dBV/m</b>	Grid 6 <b>M3</b> <b>31.73 dBV/m</b>
Grid 7 <b>M3</b> <b>33.37 dBV/m</b>	Grid 8 <b>M3</b> <b>33.64 dBV/m</b>	Grid 9 <b>M3</b> <b>33.34 dBV/m</b>

**Cursor:**

Total = 33.64 dBV/m

E Category: M3

Location: 0, 25, 8.7 mm



0 dB = 48.11 V/m = 33.64 dBV/m

### #07\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Battery 3

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 50.84 V/m; Power Drift = -0.01 dB

Applied MIF = -2.02 dB

RF audio interference level = 33.63 dBV/m

**Emission category: M3**

MIF scaled E-field

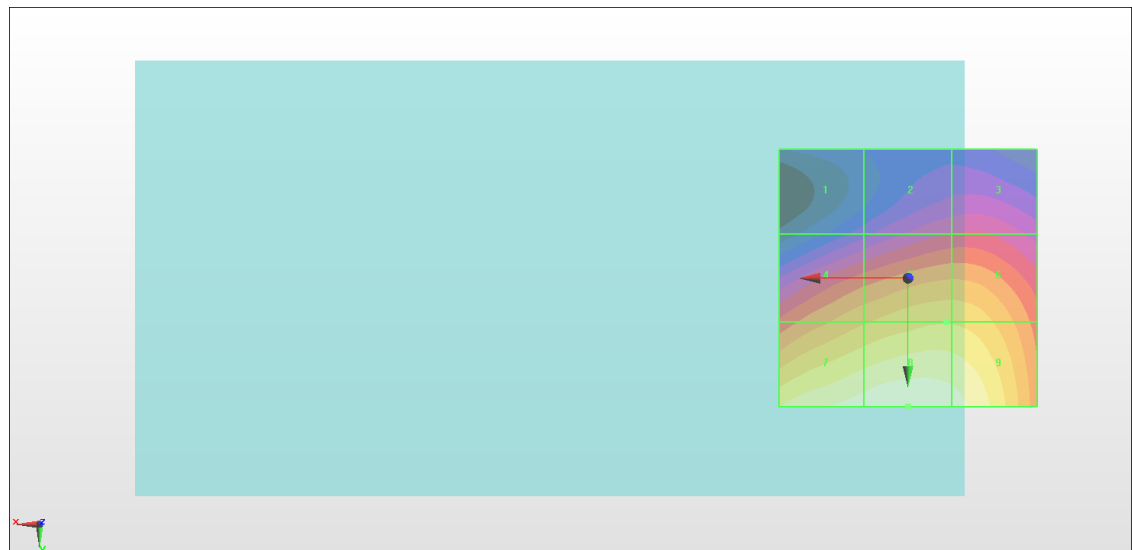
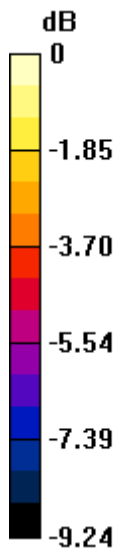
Grid 1 <b>M4</b> <b>27.3 dBV/m</b>	Grid 2 <b>M4</b> <b>28.77 dBV/m</b>	Grid 3 <b>M4</b> <b>28.83 dBV/m</b>
Grid 4 <b>M3</b> <b>31.1 dBV/m</b>	Grid 5 <b>M3</b> <b>31.74 dBV/m</b>	Grid 6 <b>M3</b> <b>31.74 dBV/m</b>
Grid 7 <b>M3</b> <b>33.37 dBV/m</b>	Grid 8 <b>M3</b> <b>33.63 dBV/m</b>	Grid 9 <b>M3</b> <b>33.33 dBV/m</b>

**Cursor:**

Total = 33.63 dBV/m

E Category: M3

Location: 0, 25, 8.7 mm



0 dB = 48.02 V/m = 33.63 dBV/m

### #08\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11

Communication System: 802.11g; Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 36.29 V/m; Power Drift = -0.04 dB

Applied MIF = -2.02 dB

RF audio interference level = 30.83 dBV/m

**Emission category: M3**

MIF scaled E-field

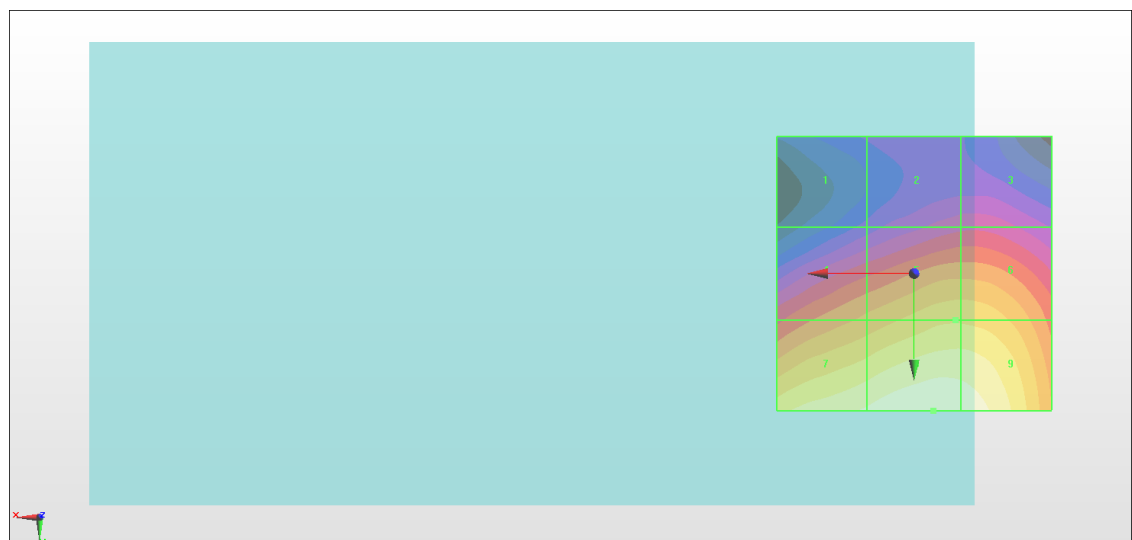
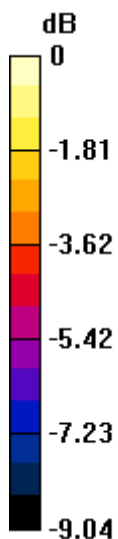
Grid 1 <b>M4</b> <b>24.49 dBV/m</b>	Grid 2 <b>M4</b> <b>25.87 dBV/m</b>	Grid 3 <b>M4</b> <b>25.9 dBV/m</b>
Grid 4 <b>M4</b> <b>28.02 dBV/m</b>	Grid 5 <b>M4</b> <b>28.95 dBV/m</b>	Grid 6 <b>M4</b> <b>28.95 dBV/m</b>
Grid 7 <b>M3</b> <b>30.33 dBV/m</b>	Grid 8 <b>M3</b> <b>30.83 dBV/m</b>	Grid 9 <b>M3</b> <b>30.66 dBV/m</b>

**Cursor:**

Total = 30.83 dBV/m

E Category: M3

Location: -3.5, 25, 8.7 mm



0 dB = 34.81 V/m = 30.83 dBV/m



## #09\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch36;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5180 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.229 V/m; Power Drift = -0.08 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.33 dBV/m

**Emission category: M4**

MIF scaled E-field

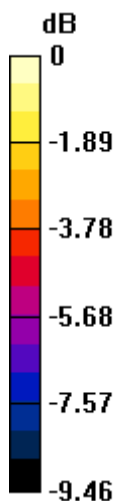
Grid 1 <b>M4</b> <b>14.01 dBV/m</b>	Grid 2 <b>M4</b> <b>16.91 dBV/m</b>	Grid 3 <b>M4</b> <b>18.33 dBV/m</b>
Grid 4 <b>M4</b> <b>13.85 dBV/m</b>	Grid 5 <b>M4</b> <b>16.66 dBV/m</b>	Grid 6 <b>M4</b> <b>17.84 dBV/m</b>
Grid 7 <b>M4</b> <b>14.41 dBV/m</b>	Grid 8 <b>M4</b> <b>16.44 dBV/m</b>	Grid 9 <b>M4</b> <b>16.74 dBV/m</b>

**Cursor:**

Total = 18.33 dBV/m

E Category: M4

Location: -16.5, -15, 8.7 mm



0 dB = 8.255 V/m = 18.33 dBV/m

## #10\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch40;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### Device E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 10.60 V/m; Power Drift = -0.10 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.76 dBV/m

**Emission category: M4**

MIF scaled E-field

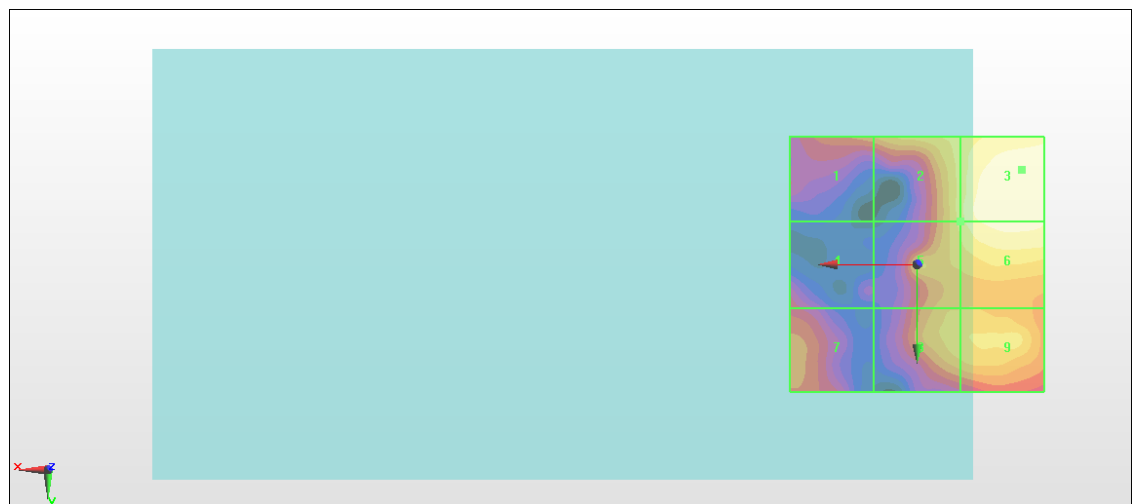
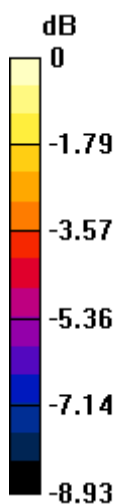
Grid 1 <b>M4</b> <b>15.83 dBV/m</b>	Grid 2 <b>M4</b> <b>17.36 dBV/m</b>	Grid 3 <b>M4</b> <b>18.76 dBV/m</b>
Grid 4 <b>M4</b> <b>14.43 dBV/m</b>	Grid 5 <b>M4</b> <b>17.26 dBV/m</b>	Grid 6 <b>M4</b> <b>18.46 dBV/m</b>
Grid 7 <b>M4</b> <b>15.62 dBV/m</b>	Grid 8 <b>M4</b> <b>16.86 dBV/m</b>	Grid 9 <b>M4</b> <b>17.21 dBV/m</b>

**Cursor:**

Total = 18.76 dBV/m

E Category: M4

Location: -20.5, -18.5, 8.7 mm



0 dB = 8.670 V/m = 18.76 dBV/m

### #11\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch44;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.596 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.33 dBV/m

**Emission category: M4**

MIF scaled E-field

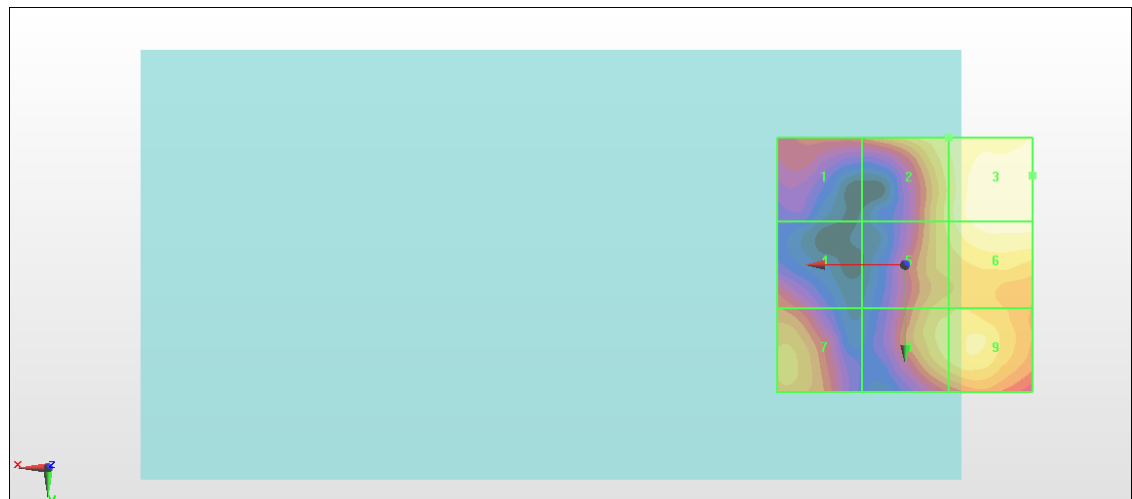
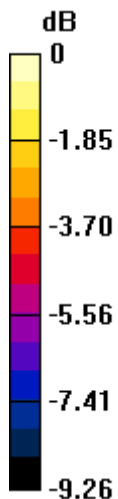
<b>Grid 1 M4</b> <b>14.66 dBV/m</b>	<b>Grid 2 M4</b> <b>17.19 dBV/m</b>	<b>Grid 3 M4</b> <b>18.33 dBV/m</b>
<b>Grid 4 M4</b> <b>14.68 dBV/m</b>	<b>Grid 5 M4</b> <b>16.75 dBV/m</b>	<b>Grid 6 M4</b> <b>18.04 dBV/m</b>
<b>Grid 7 M4</b> <b>16.04 dBV/m</b>	<b>Grid 8 M4</b> <b>16.79 dBV/m</b>	<b>Grid 9 M4</b> <b>17.24 dBV/m</b>

**Cursor:**

Total = 18.33 dBV/m

E Category: M4

Location: -25, -17.5, 8.7 mm



0 dB = 8.251 V/m = 18.33 dBV/m

## #12\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch48;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.652 V/m; Power Drift = -0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.21 dBV/m

**Emission category: M4**

MIF scaled E-field

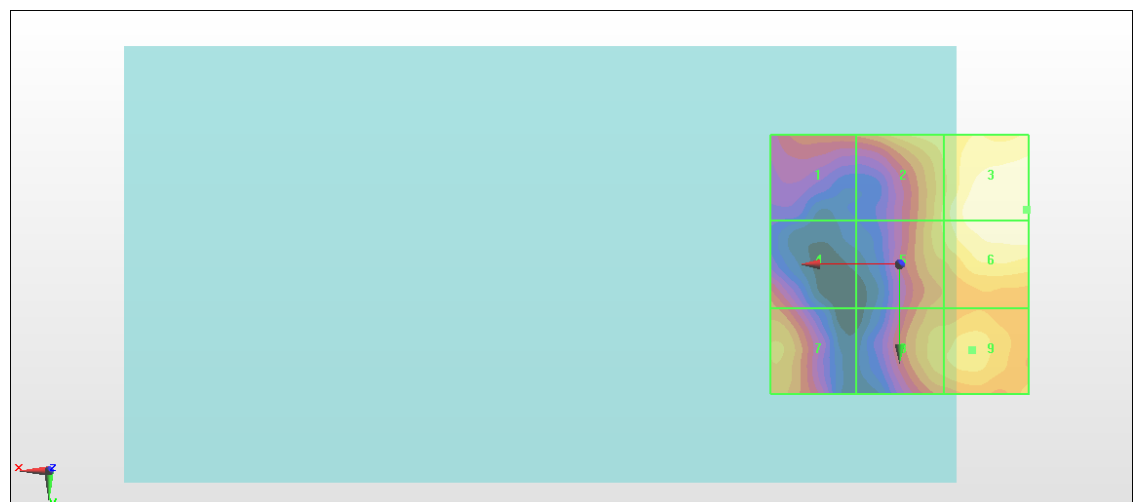
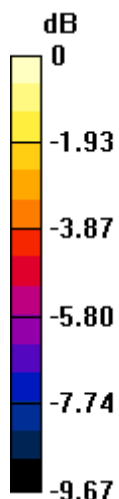
Grid 1 <b>M4</b> <b>14.49 dBV/m</b>	Grid 2 <b>M4</b> <b>16.7 dBV/m</b>	Grid 3 <b>M4</b> <b>18.21 dBV/m</b>
Grid 4 <b>M4</b> <b>14.63 dBV/m</b>	Grid 5 <b>M4</b> <b>16.46 dBV/m</b>	Grid 6 <b>M4</b> <b>18.14 dBV/m</b>
Grid 7 <b>M4</b> <b>15.76 dBV/m</b>	Grid 8 <b>M4</b> <b>16.22 dBV/m</b>	Grid 9 <b>M4</b> <b>16.67 dBV/m</b>

**Cursor:**

Total = 18.21 dBV/m

E Category: M4

Location: -24.5, -10.5, 8.7 mm



0 dB = 8.138 V/m = 18.21 dBV/m

## #13\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch36;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5180 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.368 V/m; Power Drift = -0.00 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.69 dBV/m

**Emission category: M4**

MIF scaled E-field

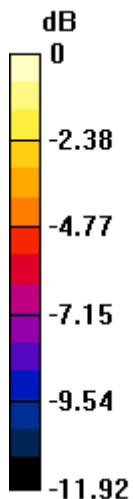
Grid 1 <b>M4</b> <b>14.38 dBV/m</b>	Grid 2 <b>M4</b> <b>16.2 dBV/m</b>	Grid 3 <b>M4</b> <b>17.07 dBV/m</b>
Grid 4 <b>M4</b> <b>17.78 dBV/m</b>	Grid 5 <b>M4</b> <b>18.45 dBV/m</b>	Grid 6 <b>M4</b> <b>20.16 dBV/m</b>
Grid 7 <b>M4</b> <b>19.84 dBV/m</b>	Grid 8 <b>M4</b> <b>21.32 dBV/m</b>	Grid 9 <b>M4</b> <b>22.69 dBV/m</b>

**Cursor:**

Total = 22.69 dBV/m

E Category: M4

Location: -20.5, 25, 8.7 mm



0 dB = 13.64 V/m = 22.69 dBV/m

## #14\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch40;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 10.05 V/m; Power Drift = -0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.64 dBV/m

**Emission category: M4**

MIF scaled E-field

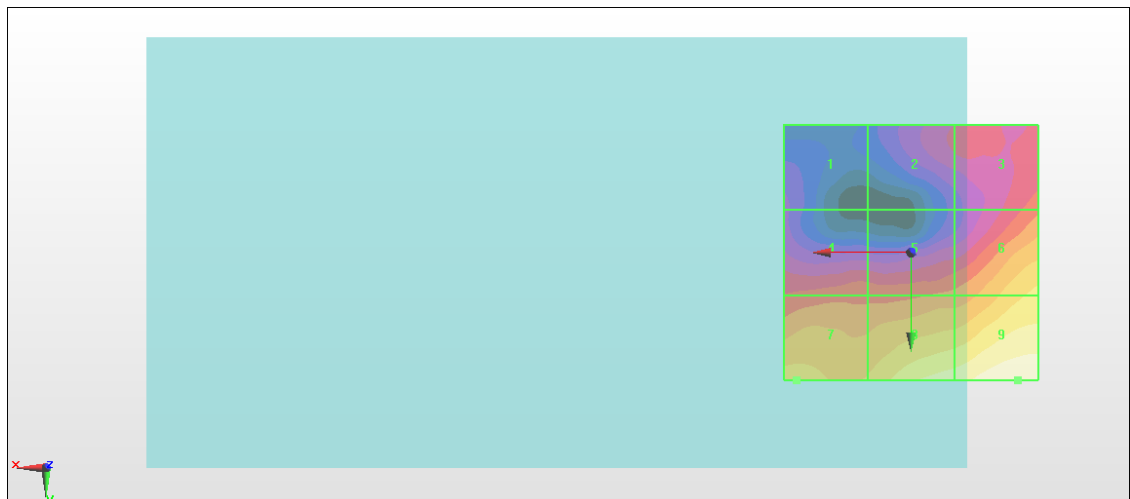
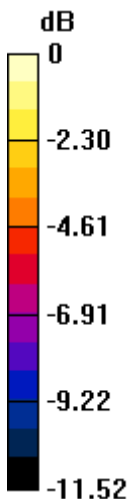
<b>Grid 1 M4</b> <b>15.28 dBV/m</b>	<b>Grid 2 M4</b> <b>16.69 dBV/m</b>	<b>Grid 3 M4</b> <b>17.85 dBV/m</b>
<b>Grid 4 M4</b> <b>17.8 dBV/m</b>	<b>Grid 5 M4</b> <b>18.32 dBV/m</b>	<b>Grid 6 M4</b> <b>20.55 dBV/m</b>
<b>Grid 7 M4</b> <b>20.01 dBV/m</b>	<b>Grid 8 M4</b> <b>21.57 dBV/m</b>	<b>Grid 9 M4</b> <b>22.64 dBV/m</b>

**Cursor:**

Total = 22.64 dBV/m

E Category: M4

Location: -21, 25, 8.7 mm



0 dB = 13.55 V/m = 22.64 dBV/m

## #15\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch44;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.44 V/m; Power Drift = -0.07 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.35 dBV/m

**Emission category: M4**

MIF scaled E-field

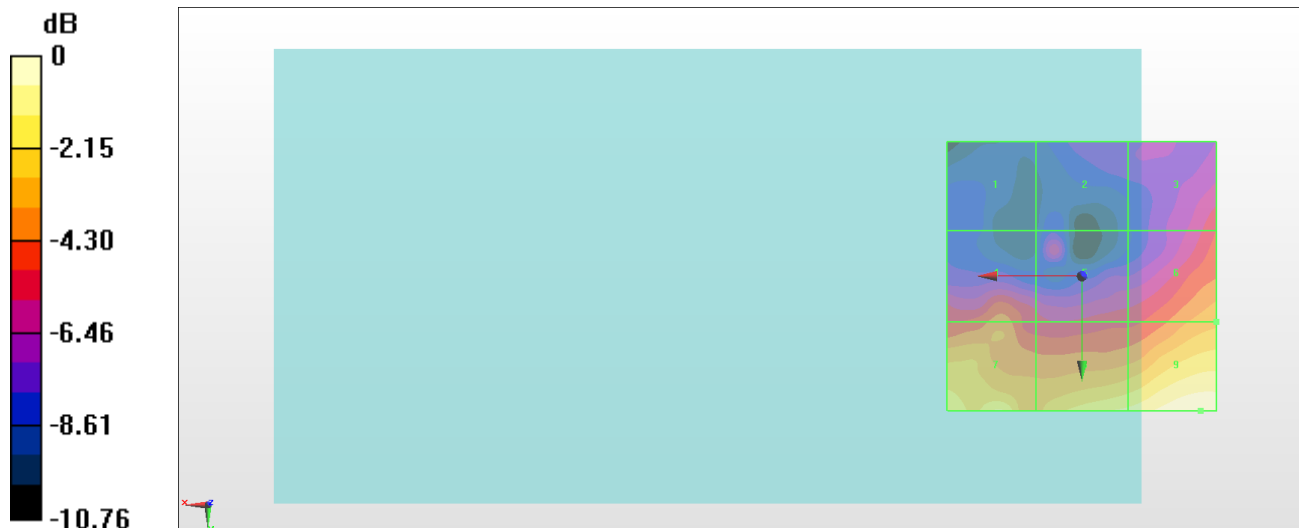
Grid 1 <b>M4</b> <b>14.47 dBV/m</b>	Grid 2 <b>M4</b> <b>15.16 dBV/m</b>	Grid 3 <b>M4</b> <b>17.4 dBV/m</b>
Grid 4 <b>M4</b> <b>18.37 dBV/m</b>	Grid 5 <b>M4</b> <b>17.14 dBV/m</b>	Grid 6 <b>M4</b> <b>19.33 dBV/m</b>
Grid 7 <b>M4</b> <b>21.06 dBV/m</b>	Grid 8 <b>M4</b> <b>21.1 dBV/m</b>	Grid 9 <b>M4</b> <b>22.35 dBV/m</b>

**Cursor:**

Total = 22.35 dBV/m

E Category: M4

Location: -22, 25, 8.7 mm



0 dB = 13.10 V/m = 22.35 dBV/m

## #16\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch48;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.056 V/m; Power Drift = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 21.79 dBV/m

**Emission category: M4**

MIF scaled E-field

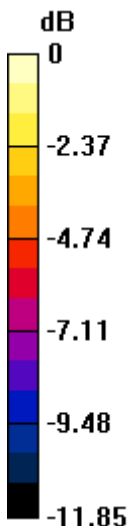
Grid 1 <b>M4</b> <b>14.54 dBV/m</b>	Grid 2 <b>M4</b> <b>14.85 dBV/m</b>	Grid 3 <b>M4</b> <b>17.43 dBV/m</b>
Grid 4 <b>M4</b> <b>18.62 dBV/m</b>	Grid 5 <b>M4</b> <b>17.75 dBV/m</b>	Grid 6 <b>M4</b> <b>19.36 dBV/m</b>
Grid 7 <b>M4</b> <b>20.78 dBV/m</b>	Grid 8 <b>M4</b> <b>20.9 dBV/m</b>	Grid 9 <b>M4</b> <b>21.79 dBV/m</b>

**Cursor:**

Total = 21.79 dBV/m

E Category: M4

Location: -22, 25, 8.7 mm



0 dB = 12.29 V/m = 21.79 dBV/m



### #17\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch52;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.083 V/m; Power Drift = -0.19 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.07 dBV/m

**Emission category: M4**

MIF scaled E-field

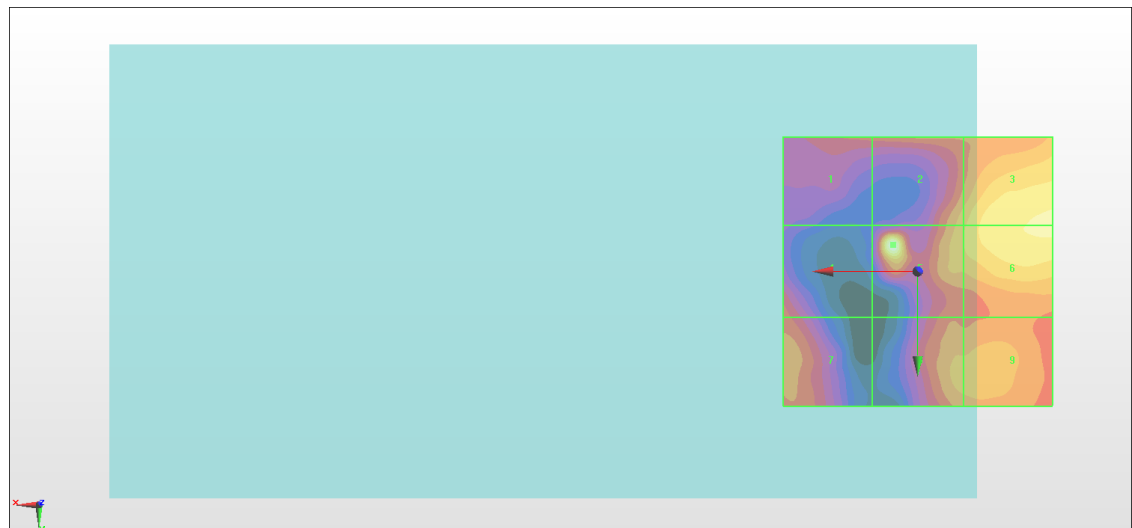
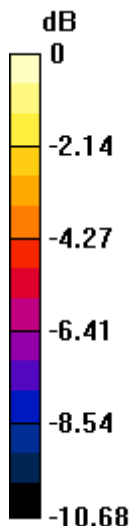
Grid 1 <b>M4</b> <b>14.54 dBV/m</b>	Grid 2 <b>M4</b> <b>16.09 dBV/m</b>	Grid 3 <b>M4</b> <b>17.76 dBV/m</b>
Grid 4 <b>M4</b> <b>14.47 dBV/m</b>	Grid 5 <b>M4</b> <b>19.07 dBV/m</b>	Grid 6 <b>M4</b> <b>17.75 dBV/m</b>
Grid 7 <b>M4</b> <b>15.23 dBV/m</b>	Grid 8 <b>M4</b> <b>15.88 dBV/m</b>	Grid 9 <b>M4</b> <b>16.12 dBV/m</b>

**Cursor:**

Total = 19.07 dBV/m

E Category: M4

Location: 4.5, -5, 8.7 mm



0 dB = 8.981 V/m = 19.07 dBV/m

## #18\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch56;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.910 V/m; Power Drift = -0.15 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.11 dBV/m

**Emission category: M4**

MIF scaled E-field

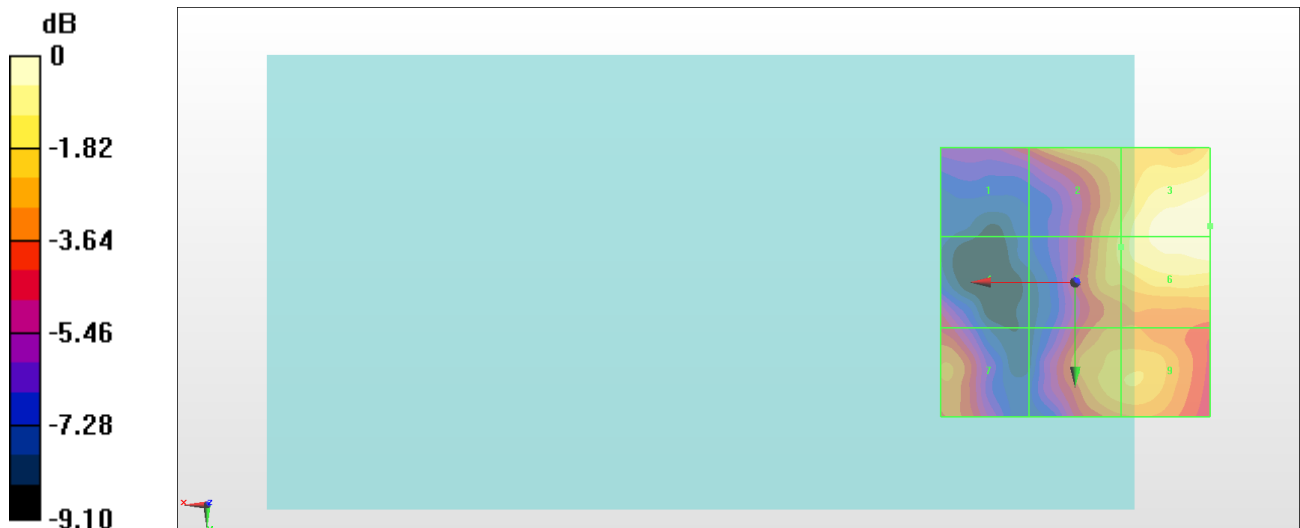
<b>Grid 1 M4</b> <b>14.14 dBV/m</b>	<b>Grid 2 M4</b> <b>16.45 dBV/m</b>	<b>Grid 3 M4</b> <b>18.11 dBV/m</b>
<b>Grid 4 M4</b> <b>13.86 dBV/m</b>	<b>Grid 5 M4</b> <b>16.52 dBV/m</b>	<b>Grid 6 M4</b> <b>18.06 dBV/m</b>
<b>Grid 7 M4</b> <b>15.21 dBV/m</b>	<b>Grid 8 M4</b> <b>16.25 dBV/m</b>	<b>Grid 9 M4</b> <b>16.35 dBV/m</b>

**Cursor:**

Total = 18.11 dBV/m

E Category: M4

Location: -25, -10.5, 8.7 mm



### #19\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch60;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 7.882 V/m; Power Drift = 0.04 dB

Applied MIF = -3.15 dB

RF audio interference level = 17.62 dBV/m

**Emission category: M4**

MIF scaled E-field

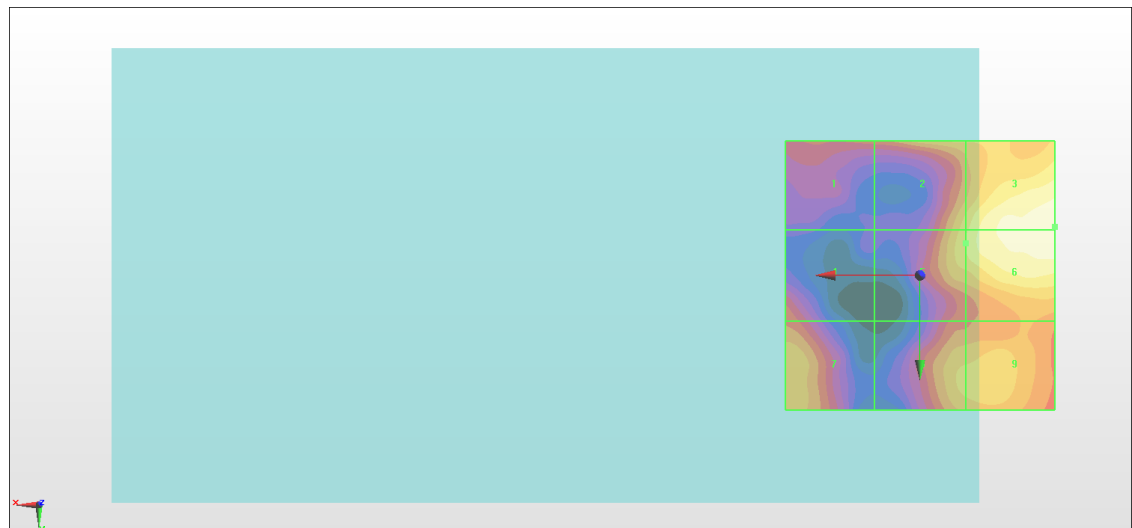
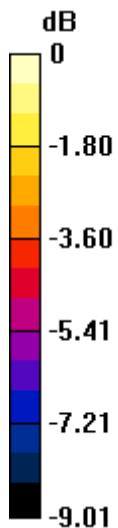
<b>Grid 1 M4</b> <b>13.9 dBV/m</b>	<b>Grid 2 M4</b> <b>15.68 dBV/m</b>	<b>Grid 3 M4</b> <b>17.62 dBV/m</b>
<b>Grid 4 M4</b> <b>13.98 dBV/m</b>	<b>Grid 5 M4</b> <b>15.86 dBV/m</b>	<b>Grid 6 M4</b> <b>17.62 dBV/m</b>
<b>Grid 7 M4</b> <b>15.2 dBV/m</b>	<b>Grid 8 M4</b> <b>15.5 dBV/m</b>	<b>Grid 9 M4</b> <b>15.78 dBV/m</b>

**Cursor:**

Total = 17.62 dBV/m

E Category: M4

Location: -25, -9, 8.7 mm



0 dB = 7.606 V/m = 17.62 dBV/m

## #20\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch64;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5320 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 7.925 V/m; Power Drift = 0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 17.56 dBV/m

**Emission category: M4**

MIF scaled E-field

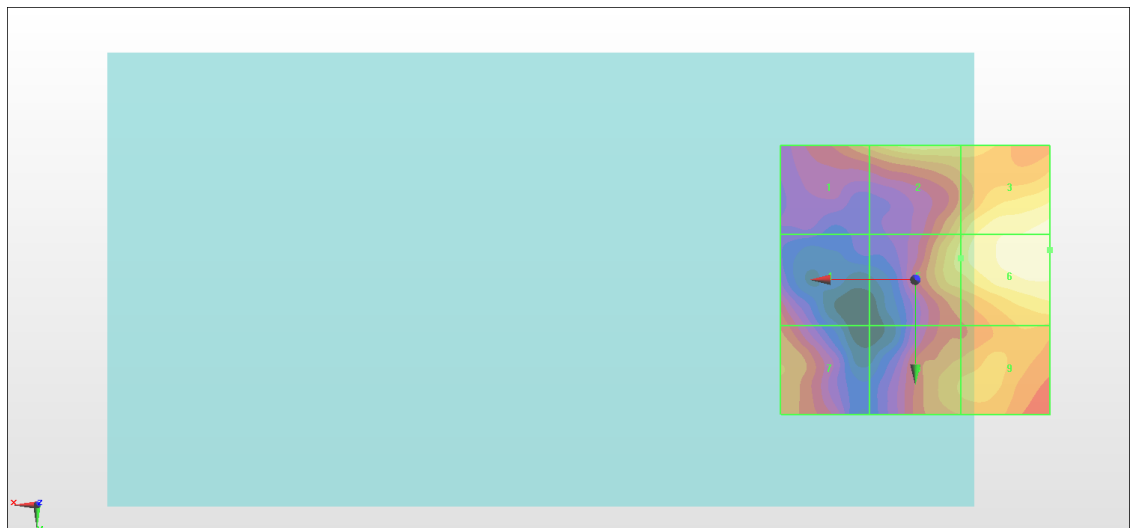
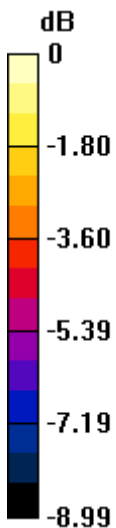
<b>Grid 1 M4</b> <b>14.96 dBV/m</b>	<b>Grid 2 M4</b> <b>16.31 dBV/m</b>	<b>Grid 3 M4</b> <b>17.36 dBV/m</b>
<b>Grid 4 M4</b> <b>13.92 dBV/m</b>	<b>Grid 5 M4</b> <b>16.06 dBV/m</b>	<b>Grid 6 M4</b> <b>17.56 dBV/m</b>
<b>Grid 7 M4</b> <b>14.6 dBV/m</b>	<b>Grid 8 M4</b> <b>15.28 dBV/m</b>	<b>Grid 9 M4</b> <b>15.48 dBV/m</b>

**Cursor:**

Total = 17.56 dBV/m

E Category: M4

Location: -25, -5.5, 8.7 mm



0 dB = 7.553 V/m = 17.56 dBV/m

## #21\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch52;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 11.55 V/m; Power Drift = -0.10 dB

Applied MIF = -3.15 dB

RF audio interference level = 21.71 dBV/m

**Emission category: M4**

MIF scaled E-field

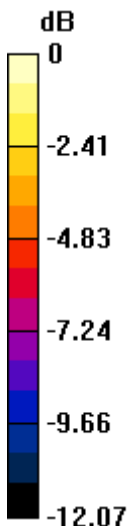
Grid 1 <b>M4</b> <b>14.97 dBV/m</b>	Grid 2 <b>M4</b> <b>15.89 dBV/m</b>	Grid 3 <b>M4</b> <b>16.83 dBV/m</b>
Grid 4 <b>M4</b> <b>19.38 dBV/m</b>	Grid 5 <b>M4</b> <b>18.09 dBV/m</b>	Grid 6 <b>M4</b> <b>18.69 dBV/m</b>
Grid 7 <b>M4</b> <b>20.52 dBV/m</b>	Grid 8 <b>M4</b> <b>21.15 dBV/m</b>	Grid 9 <b>M4</b> <b>21.71 dBV/m</b>

**Cursor:**

Total = 21.71 dBV/m

E Category: M4

Location: -18.5, 25, 8.7 mm



0 dB = 12.17 V/m = 21.71 dBV/m

## #22\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch56;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.687 V/m; Power Drift = -0.04 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.52 dBV/m

**Emission category: M4**

MIF scaled E-field

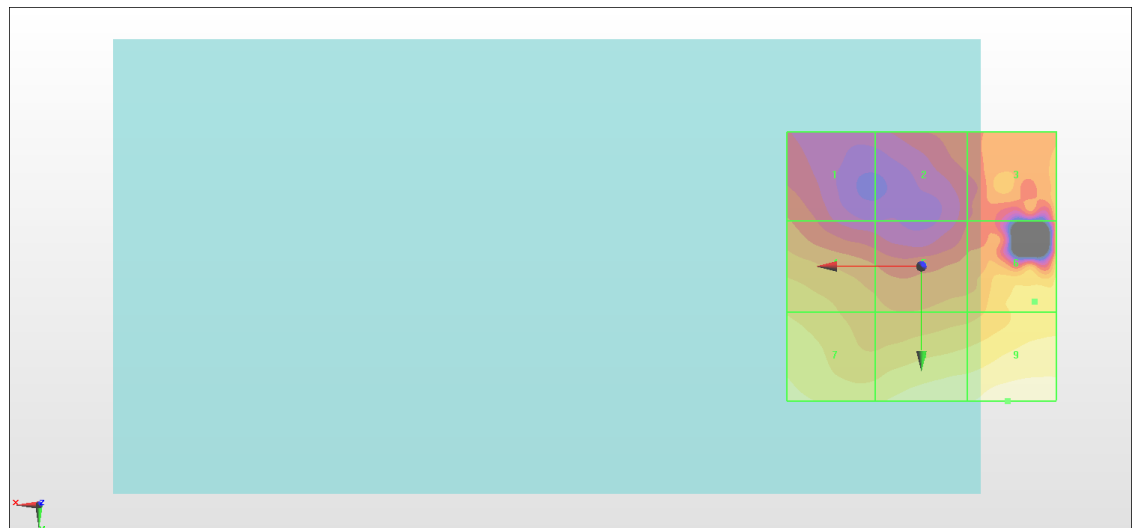
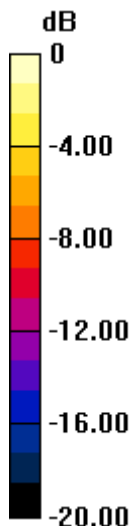
<b>Grid 1 M4</b> <b>14.72 dBV/m</b>	<b>Grid 2 M4</b> <b>14.1 dBV/m</b>	<b>Grid 3 M4</b> <b>17.41 dBV/m</b>
<b>Grid 4 M4</b> <b>18.49 dBV/m</b>	<b>Grid 5 M4</b> <b>16.65 dBV/m</b>	<b>Grid 6 M4</b> <b>19.76 dBV/m</b>
<b>Grid 7 M4</b> <b>20.38 dBV/m</b>	<b>Grid 8 M4</b> <b>21.16 dBV/m</b>	<b>Grid 9 M4</b> <b>22.52 dBV/m</b>

**Cursor:**

Total = 22.52 dBV/m

E Category: M4

Location: -16, 25, 8.7 mm



0 dB = 13.37 V/m = 22.52 dBV/m

## #23\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch60;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.719 V/m; Power Drift = -0.13 dB

Applied MIF = -3.15 dB

RF audio interference level = 21.56 dBV/m

**Emission category: M4**

MIF scaled E-field

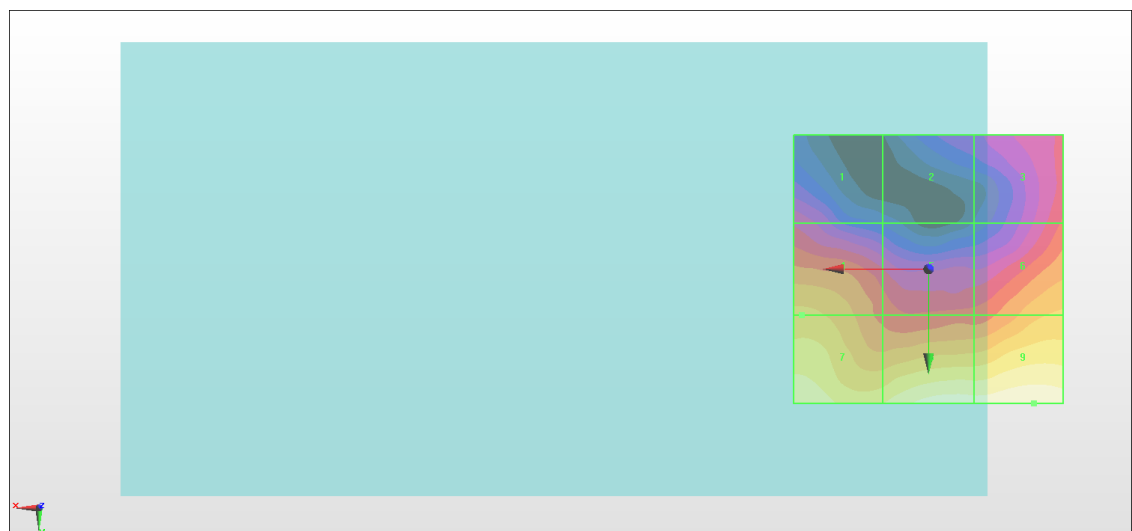
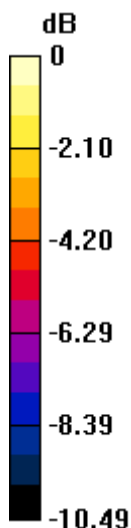
Grid 1 <b>M4</b> <b>15.89 dBV/m</b>	Grid 2 <b>M4</b> <b>14.5 dBV/m</b>	Grid 3 <b>M4</b> <b>16.84 dBV/m</b>
Grid 4 <b>M4</b> <b>18.96 dBV/m</b>	Grid 5 <b>M4</b> <b>17.16 dBV/m</b>	Grid 6 <b>M4</b> <b>18.87 dBV/m</b>
Grid 7 <b>M4</b> <b>20.85 dBV/m</b>	Grid 8 <b>M4</b> <b>21.32 dBV/m</b>	Grid 9 <b>M4</b> <b>21.56 dBV/m</b>

**Cursor:**

Total = 21.56 dBV/m

E Category: M4

Location: -19.5, 25, 8.7 mm



0 dB = 11.97 V/m = 21.56 dBV/m

## #24\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch64;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5320 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.264 V/m; Power Drift = 0.14 dB

Applied MIF = -3.15 dB

RF audio interference level = 21.49 dBV/m

**Emission category: M4**

MIF scaled E-field

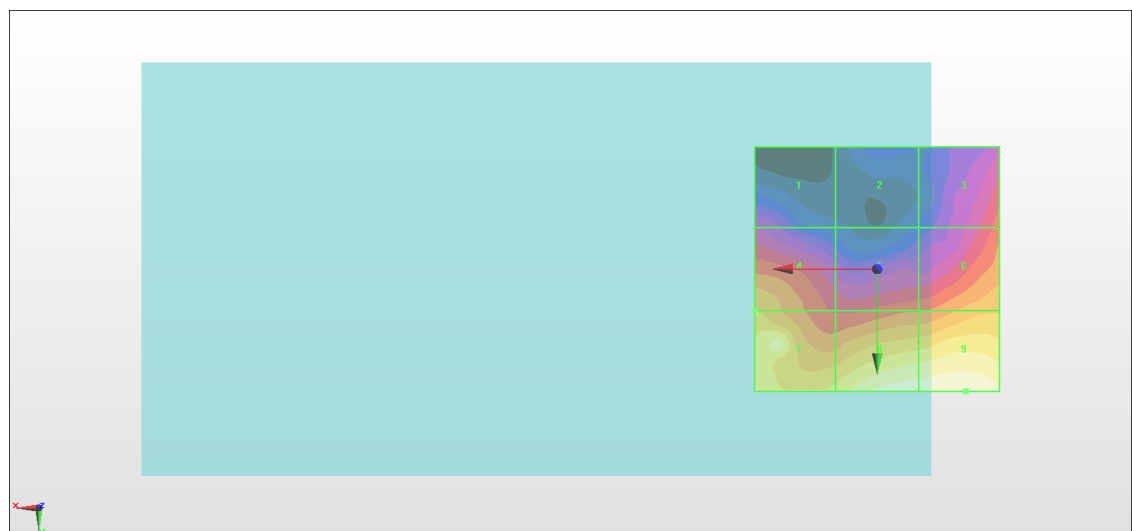
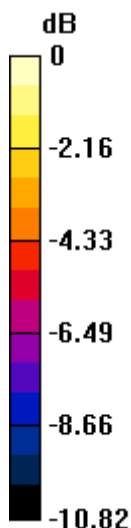
Grid 1 <b>M4</b> <b>15.14 dBV/m</b>	Grid 2 <b>M4</b> <b>13.46 dBV/m</b>	Grid 3 <b>M4</b> <b>16.97 dBV/m</b>
Grid 4 <b>M4</b> <b>18.67 dBV/m</b>	Grid 5 <b>M4</b> <b>17.09 dBV/m</b>	Grid 6 <b>M4</b> <b>18.55 dBV/m</b>
Grid 7 <b>M4</b> <b>20.3 dBV/m</b>	Grid 8 <b>M4</b> <b>21.28 dBV/m</b>	Grid 9 <b>M4</b> <b>21.49 dBV/m</b>

**Cursor:**

Total = 21.49 dBV/m

E Category: M4

Location: -18, 25, 8.7 mm



0 dB = 11.87 V/m = 21.49 dBV/m



## #25\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch100;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5500 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 6.794 V/m; Power Drift = 0.05 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.12 dBV/m

**Emission category: M4**

MIF scaled E-field

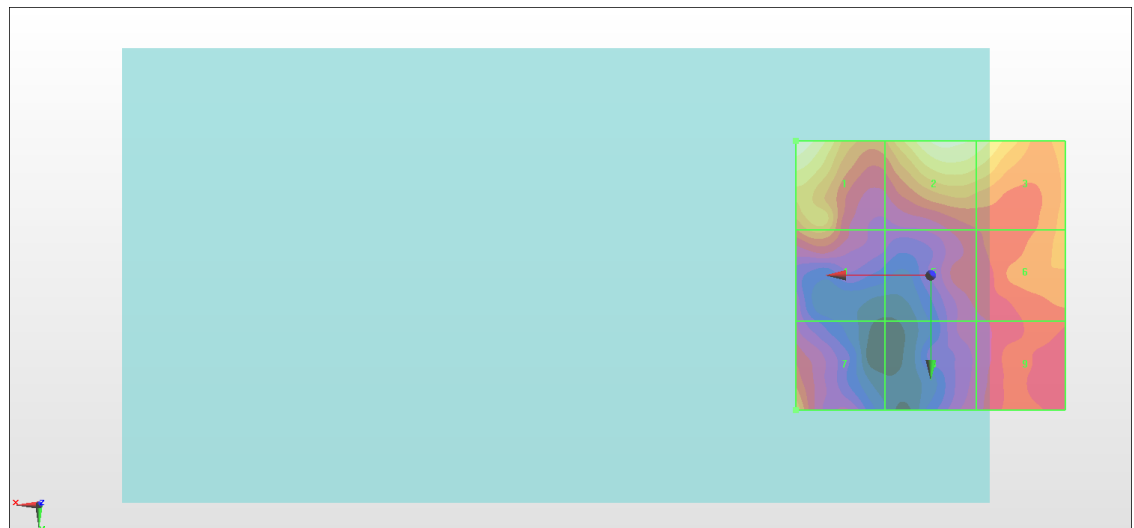
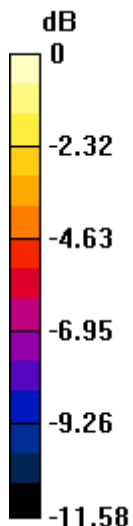
Grid 1 <b>M4</b> <b>19.12 dBV/m</b>	Grid 2 <b>M4</b> <b>18.66 dBV/m</b>	Grid 3 <b>M4</b> <b>18.14 dBV/m</b>
Grid 4 <b>M4</b> <b>15.69 dBV/m</b>	Grid 5 <b>M4</b> <b>13.72 dBV/m</b>	Grid 6 <b>M4</b> <b>15.8 dBV/m</b>
Grid 7 <b>M4</b> <b>16.15 dBV/m</b>	Grid 8 <b>M4</b> <b>12.79 dBV/m</b>	Grid 9 <b>M4</b> <b>14.24 dBV/m</b>

**Cursor:**

Total = 19.12 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.034 V/m = 19.12 dBV/m

## #26\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch116;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5580 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.505 V/m; Power Drift = -0.17 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.34 dBV/m

**Emission category: M4**

MIF scaled E-field

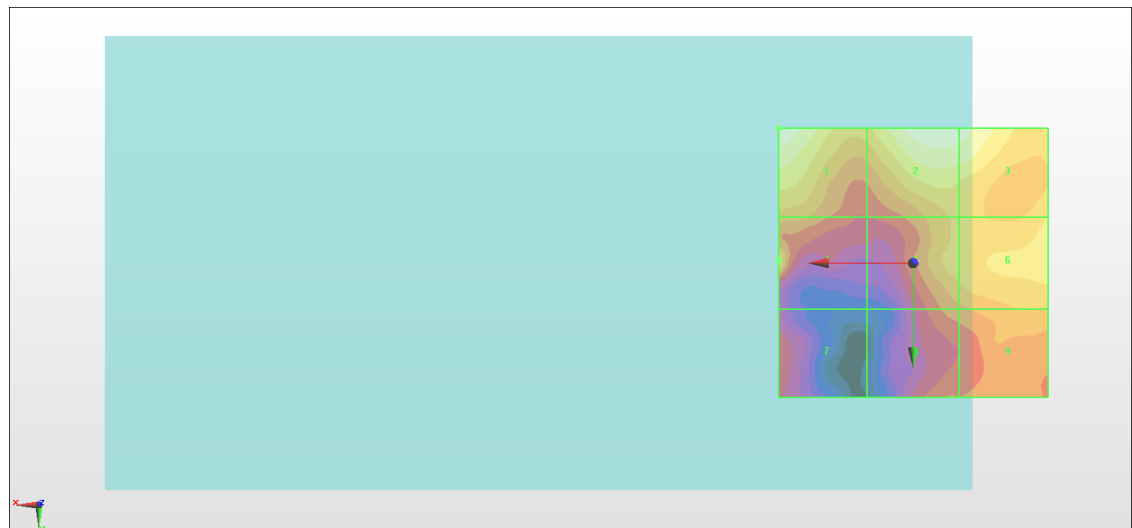
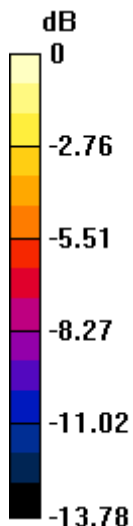
<b>Grid 1 M4</b> <b>19.34 dBV/m</b>	<b>Grid 2 M4</b> <b>19.14 dBV/m</b>	<b>Grid 3 M4</b> <b>18.83 dBV/m</b>
<b>Grid 4 M4</b> <b>17.15 dBV/m</b>	<b>Grid 5 M4</b> <b>16.1 dBV/m</b>	<b>Grid 6 M4</b> <b>17.13 dBV/m</b>
<b>Grid 7 M4</b> <b>12.75 dBV/m</b>	<b>Grid 8 M4</b> <b>14.46 dBV/m</b>	<b>Grid 9 M4</b> <b>15.74 dBV/m</b>

**Cursor:**

Total = 19.34 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.271 V/m = 19.34 dBV/m

## #27\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch124;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.963 V/m; Power Drift = 0.06 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.51 dBV/m

**Emission category: M4**

MIF scaled E-field

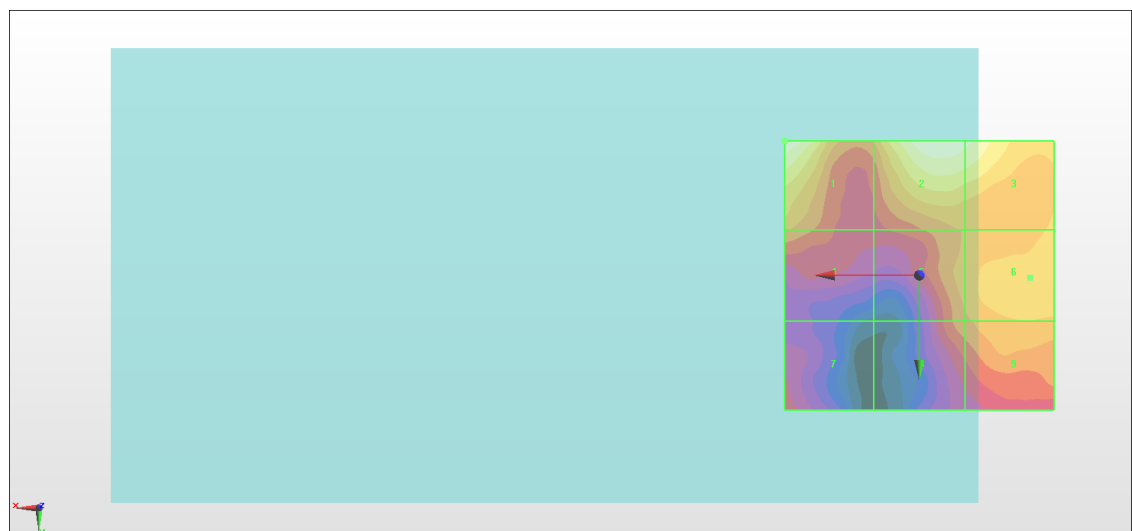
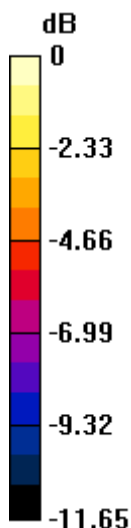
<b>Grid 1 M4</b> <b>19.51 dBV/m</b>	<b>Grid 2 M4</b> <b>19.41 dBV/m</b>	<b>Grid 3 M4</b> <b>18.97 dBV/m</b>
<b>Grid 4 M4</b> <b>15.8 dBV/m</b>	<b>Grid 5 M4</b> <b>16 dBV/m</b>	<b>Grid 6 M4</b> <b>17.17 dBV/m</b>
<b>Grid 7 M4</b> <b>13.77 dBV/m</b>	<b>Grid 8 M4</b> <b>15.4 dBV/m</b>	<b>Grid 9 M4</b> <b>16.43 dBV/m</b>

**Cursor:**

Total = 19.51 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.455 V/m = 19.51 dBV/m

## #28\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch132;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5660 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 10.60 V/m; Power Drift = -0.19 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.85 dBV/m

**Emission category: M4**

MIF scaled E-field

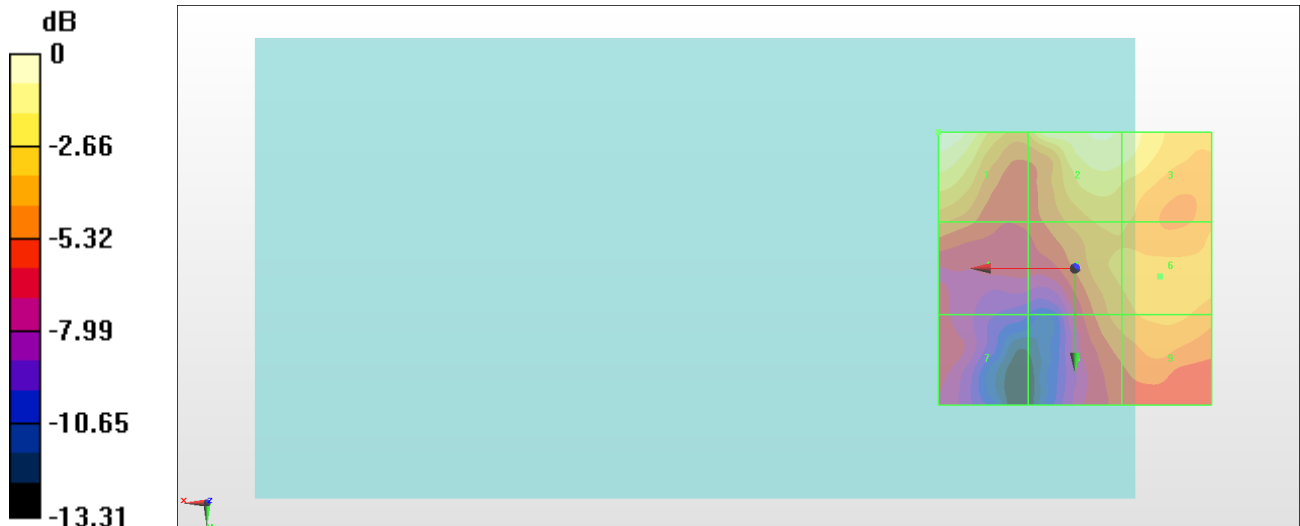
<b>Grid 1 M4</b> <b>19.85 dBV/m</b>	<b>Grid 2 M4</b> <b>19.25 dBV/m</b>	<b>Grid 3 M4</b> <b>18.75 dBV/m</b>
<b>Grid 4 M4</b> <b>15.6 dBV/m</b>	<b>Grid 5 M4</b> <b>16.51 dBV/m</b>	<b>Grid 6 M4</b> <b>16.84 dBV/m</b>
<b>Grid 7 M4</b> <b>13.31 dBV/m</b>	<b>Grid 8 M4</b> <b>15.87 dBV/m</b>	<b>Grid 9 M4</b> <b>16.52 dBV/m</b>

**Cursor:**

Total = 19.85 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.827 V/m = 19.85 dBV/m

## #29\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch140;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5700 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.808 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.67 dBV/m

**Emission category: M4**

MIF scaled E-field

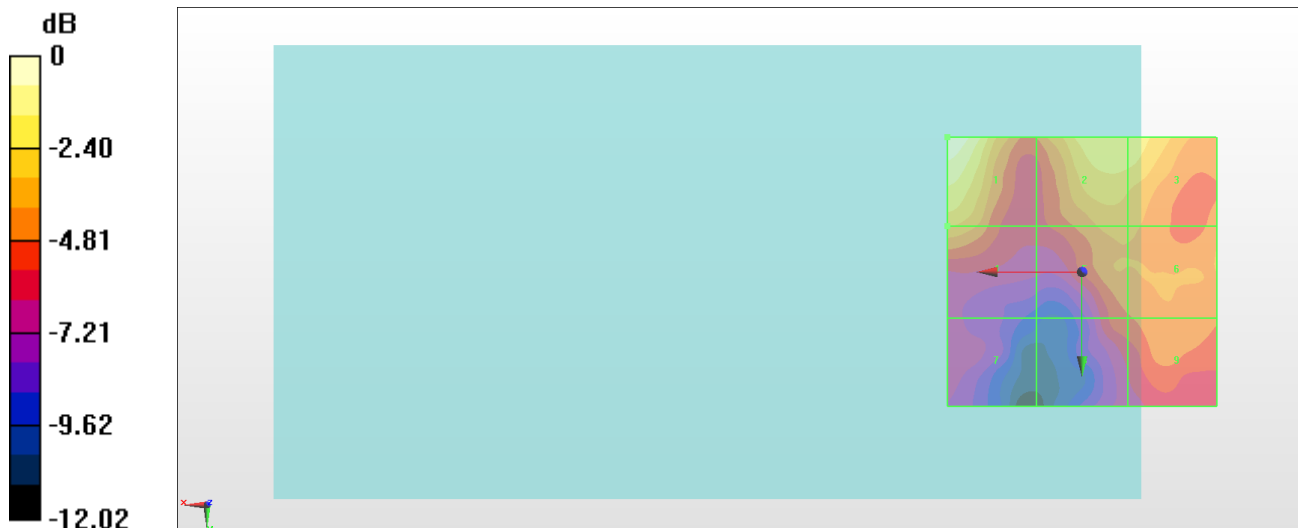
Grid 1 <b>M4</b> <b>19.67 dBV/m</b>	Grid 2 <b>M4</b> <b>17.99 dBV/m</b>	Grid 3 <b>M4</b> <b>17.85 dBV/m</b>
Grid 4 <b>M4</b> <b>16.52 dBV/m</b>	Grid 5 <b>M4</b> <b>15.99 dBV/m</b>	Grid 6 <b>M4</b> <b>15.87 dBV/m</b>
Grid 7 <b>M4</b> <b>13.13 dBV/m</b>	Grid 8 <b>M4</b> <b>14.77 dBV/m</b>	Grid 9 <b>M4</b> <b>15.56 dBV/m</b>

**Cursor:**

Total = 19.67 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.624 V/m = 19.67 dBV/m

### #30\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch144;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.57 V/m; Power Drift = -0.06 dB

Applied MIF = -3.15 dB

RF audio interference level = 20.24 dBV/m

**Emission category: M4**

MIF scaled E-field

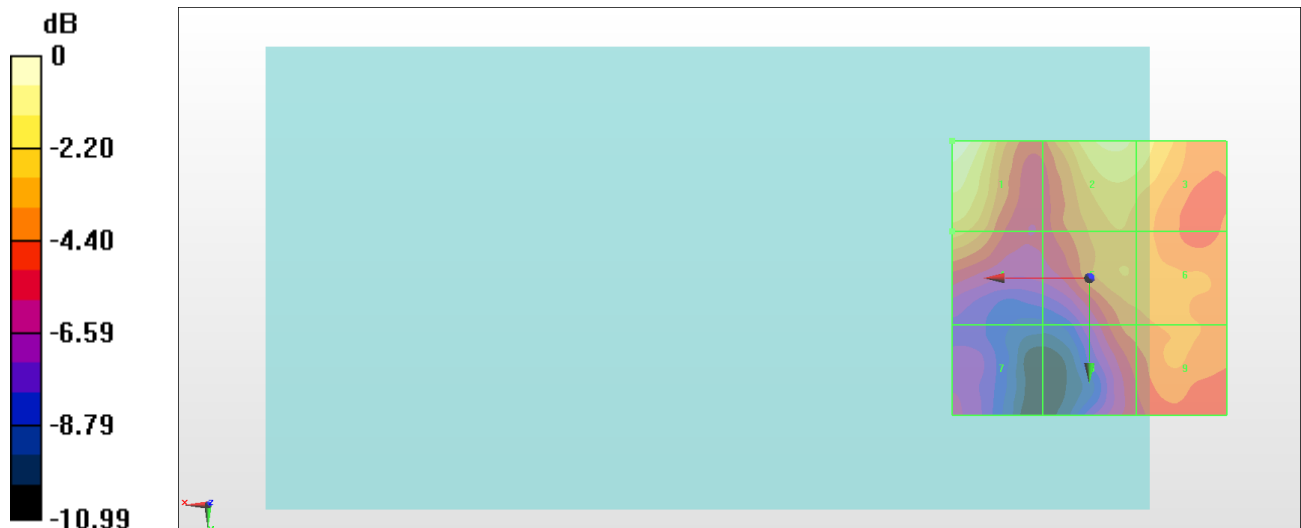
<b>Grid 1 M4</b> <b>20.24 dBV/m</b>	<b>Grid 2 M4</b> <b>18.99 dBV/m</b>	<b>Grid 3 M4</b> <b>18.61 dBV/m</b>
<b>Grid 4 M4</b> <b>17.68 dBV/m</b>	<b>Grid 5 M4</b> <b>17.36 dBV/m</b>	<b>Grid 6 M4</b> <b>17.26 dBV/m</b>
<b>Grid 7 M4</b> <b>13.75 dBV/m</b>	<b>Grid 8 M4</b> <b>16.26 dBV/m</b>	<b>Grid 9 M4</b> <b>16.77 dBV/m</b>

**Cursor:**

Total = 20.24 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 10.29 V/m = 20.25 dBV/m

### #31\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch100;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5500 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.686 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 21.55 dBV/m

**Emission category: M4**

MIF scaled E-field

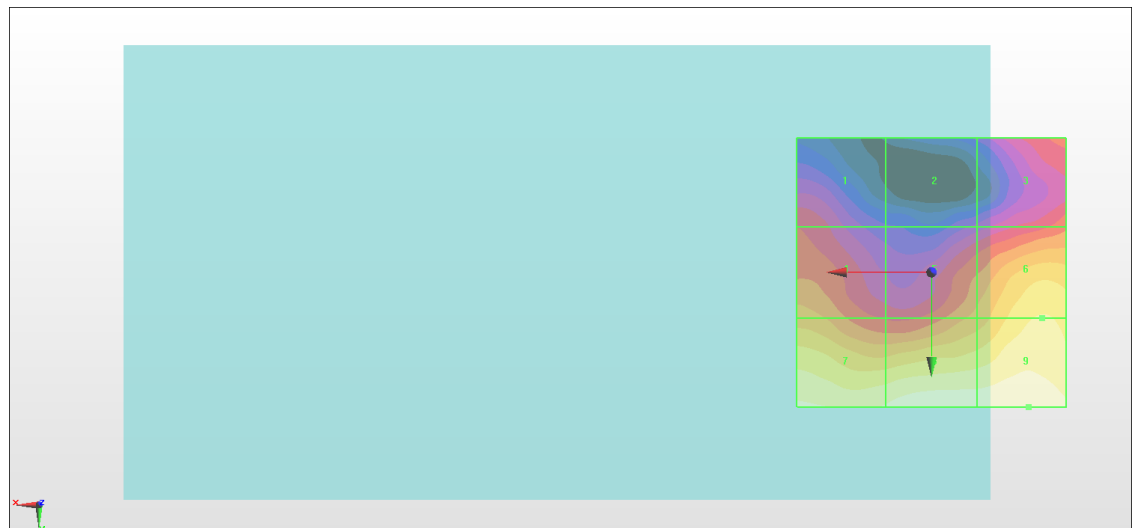
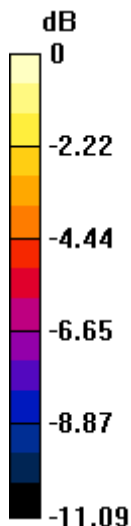
<b>Grid 1 M4</b> <b>16.37 dBV/m</b>	<b>Grid 2 M4</b> <b>14.48 dBV/m</b>	<b>Grid 3 M4</b> <b>16.96 dBV/m</b>
<b>Grid 4 M4</b> <b>18.29 dBV/m</b>	<b>Grid 5 M4</b> <b>18.2 dBV/m</b>	<b>Grid 6 M4</b> <b>20.15 dBV/m</b>
<b>Grid 7 M4</b> <b>20.94 dBV/m</b>	<b>Grid 8 M4</b> <b>21.5 dBV/m</b>	<b>Grid 9 M4</b> <b>21.55 dBV/m</b>

**Cursor:**

Total = 21.55 dBV/m

E Category: M4

Location: -18, 25, 8.7 mm



0 dB = 11.96 V/m = 21.55 dBV/m

## #32\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch116;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5580 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 7.683 V/m; Power Drift = -0.10 dB

Applied MIF = -3.15 dB

RF audio interference level = 20.81 dBV/m

**Emission category: M4**

MIF scaled E-field

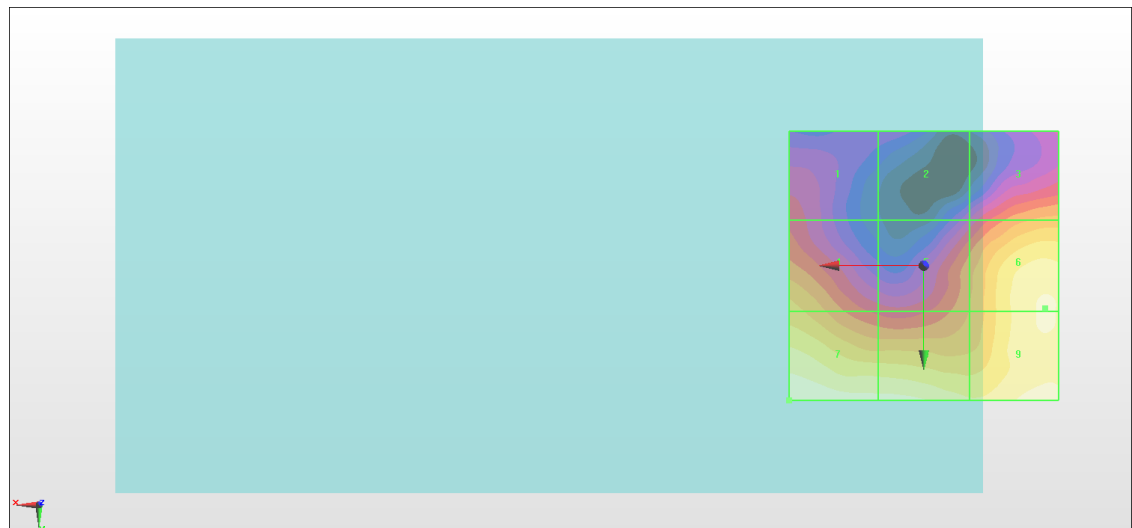
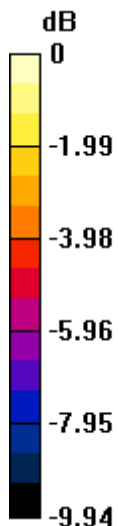
Grid 1 <b>M4</b> <b>16.08 dBV/m</b>	Grid 2 <b>M4</b> <b>14.95 dBV/m</b>	Grid 3 <b>M4</b> <b>17.77 dBV/m</b>
Grid 4 <b>M4</b> <b>18.47 dBV/m</b>	Grid 5 <b>M4</b> <b>17.54 dBV/m</b>	Grid 6 <b>M4</b> <b>20.21 dBV/m</b>
Grid 7 <b>M4</b> <b>20.81 dBV/m</b>	Grid 8 <b>M4</b> <b>20.39 dBV/m</b>	Grid 9 <b>M4</b> <b>20.44 dBV/m</b>

**Cursor:**

Total = 20.81 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 10.98 V/m = 20.81 dBV/m



### #33\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch124;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.054 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 20.55 dBV/m

**Emission category: M4**

MIF scaled E-field

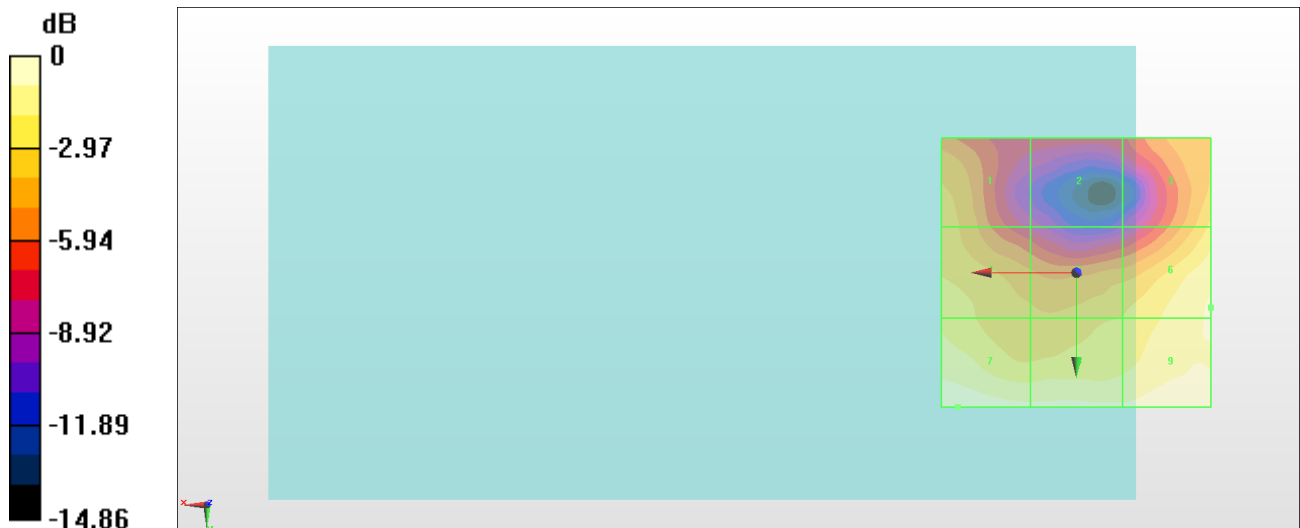
<b>Grid 1 M4</b> <b>17.08 dBV/m</b>	<b>Grid 2 M4</b> <b>13.55 dBV/m</b>	<b>Grid 3 M4</b> <b>17.87 dBV/m</b>
<b>Grid 4 M4</b> <b>18.38 dBV/m</b>	<b>Grid 5 M4</b> <b>17.62 dBV/m</b>	<b>Grid 6 M4</b> <b>19.67 dBV/m</b>
<b>Grid 7 M4</b> <b>20.55 dBV/m</b>	<b>Grid 8 M4</b> <b>19.94 dBV/m</b>	<b>Grid 9 M4</b> <b>20.47 dBV/m</b>

**Cursor:**

Total = 20.55 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



0 dB = 10.65 V/m = 20.55 dBV/m

### #34\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch132;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5660 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.504 V/m; Power Drift = -0.05 dB

Applied MIF = -3.15 dB

RF audio interference level = 20.41 dBV/m

**Emission category: M4**

MIF scaled E-field

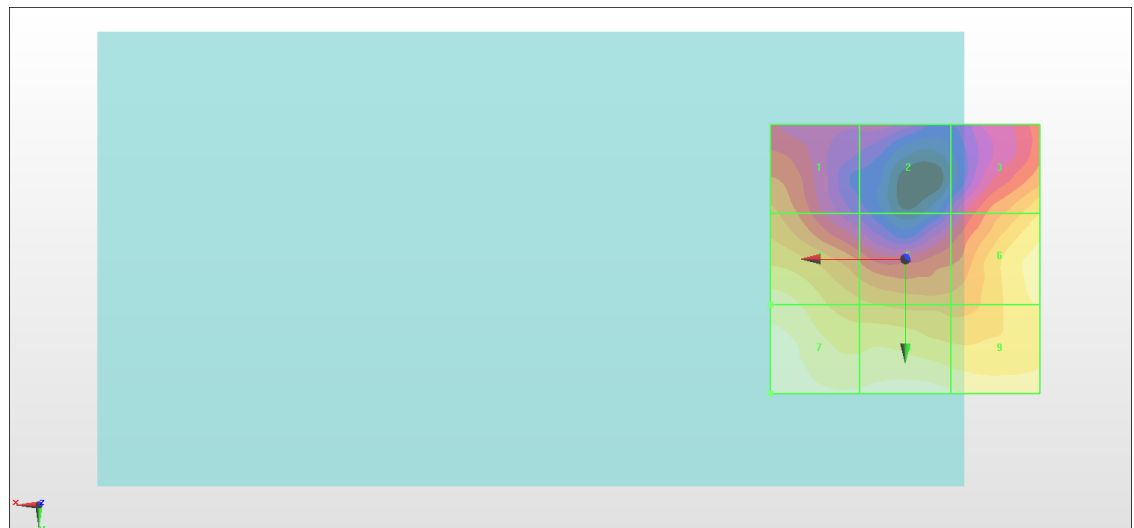
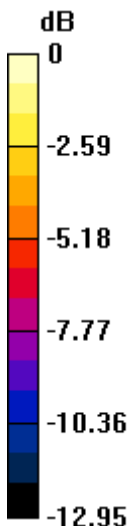
<b>Grid 1 M4</b> <b>16.34 dBV/m</b>	<b>Grid 2 M4</b> <b>13.2 dBV/m</b>	<b>Grid 3 M4</b> <b>17.84 dBV/m</b>
<b>Grid 4 M4</b> <b>19.12 dBV/m</b>	<b>Grid 5 M4</b> <b>17.18 dBV/m</b>	<b>Grid 6 M4</b> <b>19.07 dBV/m</b>
<b>Grid 7 M4</b> <b>20.41 dBV/m</b>	<b>Grid 8 M4</b> <b>20.12 dBV/m</b>	<b>Grid 9 M4</b> <b>19.69 dBV/m</b>

**Cursor:**

Total = 20.41 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 10.48 V/m = 20.41 dBV/m

## #35\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch140;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5700 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 6.470 V/m; Power Drift = -0.07 dB

Applied MIF = -3.15 dB

RF audio interference level = 16.83 dBV/m

**Emission category: M4**

MIF scaled E-field

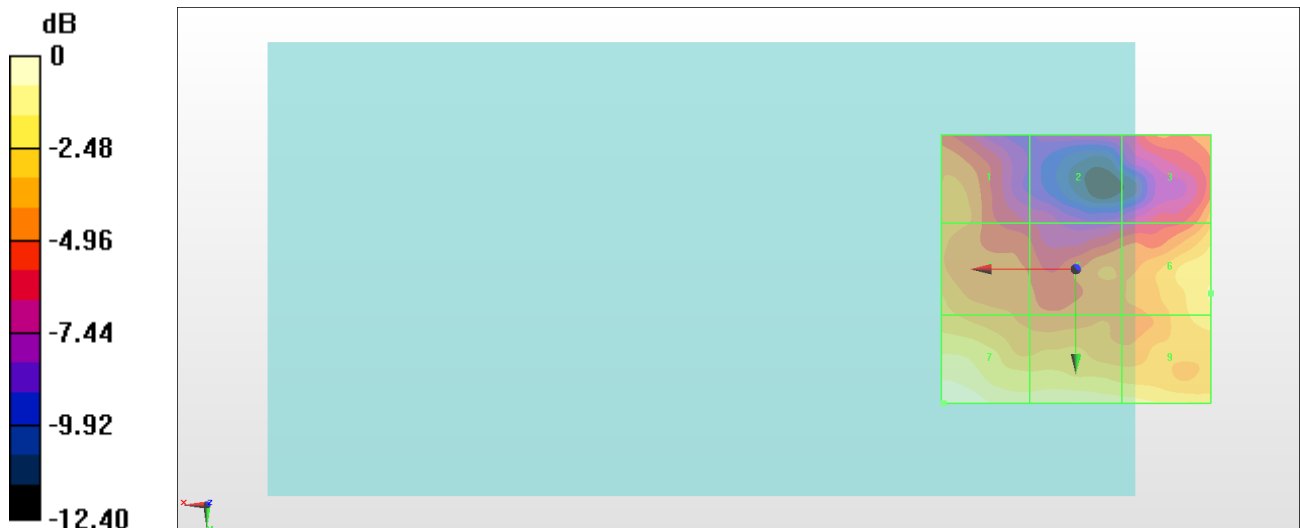
<b>Grid 1 M4</b> <b>13.3 dBV/m</b>	<b>Grid 2 M4</b> <b>10.26 dBV/m</b>	<b>Grid 3 M4</b> <b>13.34 dBV/m</b>
<b>Grid 4 M4</b> <b>13.89 dBV/m</b>	<b>Grid 5 M4</b> <b>12.9 dBV/m</b>	<b>Grid 6 M4</b> <b>15.27 dBV/m</b>
<b>Grid 7 M4</b> <b>16.83 dBV/m</b>	<b>Grid 8 M4</b> <b>16.14 dBV/m</b>	<b>Grid 9 M4</b> <b>15.72 dBV/m</b>

**Cursor:**

Total = 16.83 dBV/m

E Category: M4

Location: 24.5, 25, 8.7 mm



0 dB = 6.945 V/m = 16.83 dBV/m

### #36\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch144;Ant 2

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 6.858 V/m; Power Drift = -0.11 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.91 dBV/m

**Emission category: M4**

MIF scaled E-field

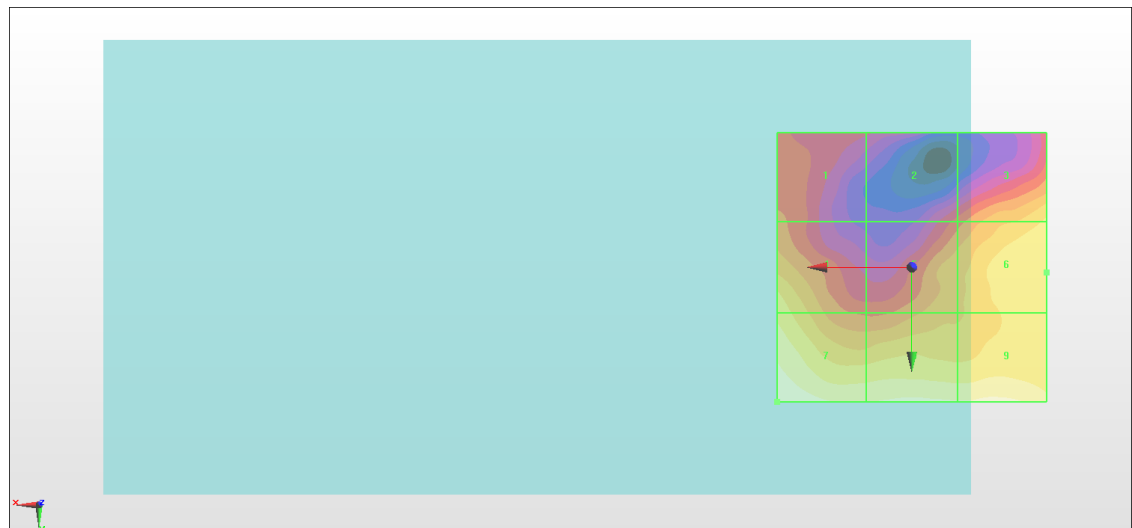
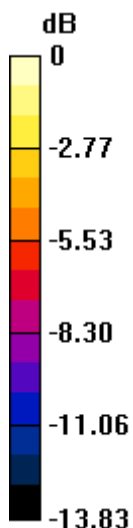
<b>Grid 1 M4</b> <b>14.65 dBV/m</b>	<b>Grid 2 M4</b> <b>13.93 dBV/m</b>	<b>Grid 3 M4</b> <b>17.39 dBV/m</b>
<b>Grid 4 M4</b> <b>17.85 dBV/m</b>	<b>Grid 5 M4</b> <b>16.13 dBV/m</b>	<b>Grid 6 M4</b> <b>18.06 dBV/m</b>
<b>Grid 7 M4</b> <b>19.91 dBV/m</b>	<b>Grid 8 M4</b> <b>19.26 dBV/m</b>	<b>Grid 9 M4</b> <b>19.3 dBV/m</b>

**Cursor:**

Total = 19.91 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.901 V/m = 19.91 dBV/m

### #37\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch149;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.30 V/m; Power Drift = -0.08 dB

Applied MIF = -3.15 dB

RF audio interference level = 20.17 dBV/m

**Emission category: M4**

MIF scaled E-field

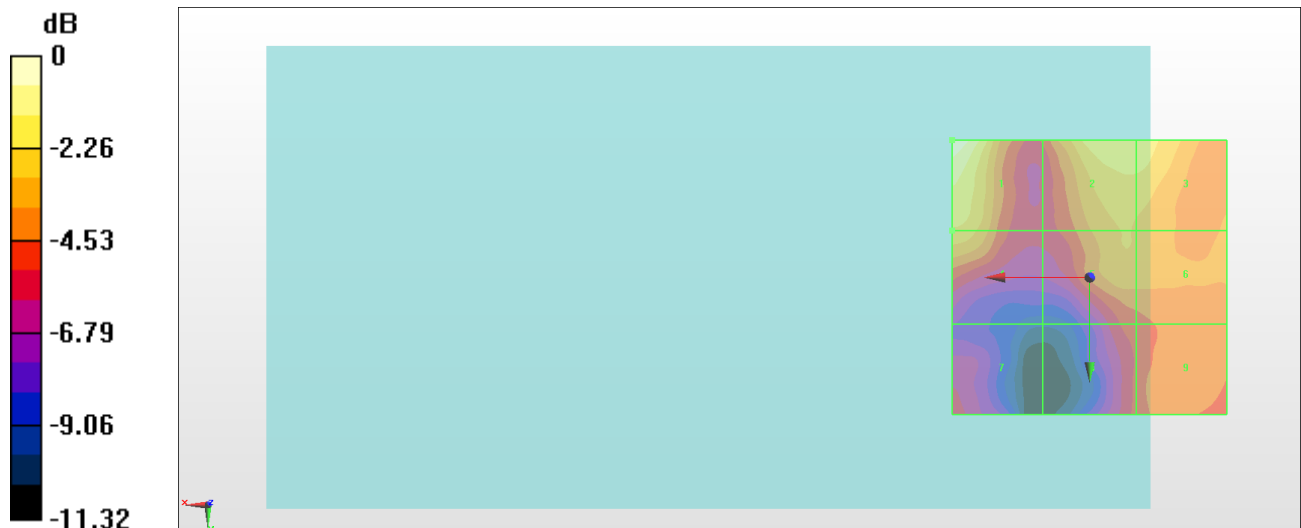
<b>Grid 1 M4</b> <b>20.17 dBV/m</b>	<b>Grid 2 M4</b> <b>18.62 dBV/m</b>	<b>Grid 3 M4</b> <b>18.42 dBV/m</b>
<b>Grid 4 M4</b> <b>17.79 dBV/m</b>	<b>Grid 5 M4</b> <b>17.18 dBV/m</b>	<b>Grid 6 M4</b> <b>17.12 dBV/m</b>
<b>Grid 7 M4</b> <b>14.33 dBV/m</b>	<b>Grid 8 M4</b> <b>15.31 dBV/m</b>	<b>Grid 9 M4</b> <b>16.34 dBV/m</b>

**Cursor:**

Total = 20.17 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 10.19 V/m = 20.16 dBV/m

### #38\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch157;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.24 V/m; Power Drift = 0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.97 dBV/m

**Emission category: M4**

MIF scaled E-field

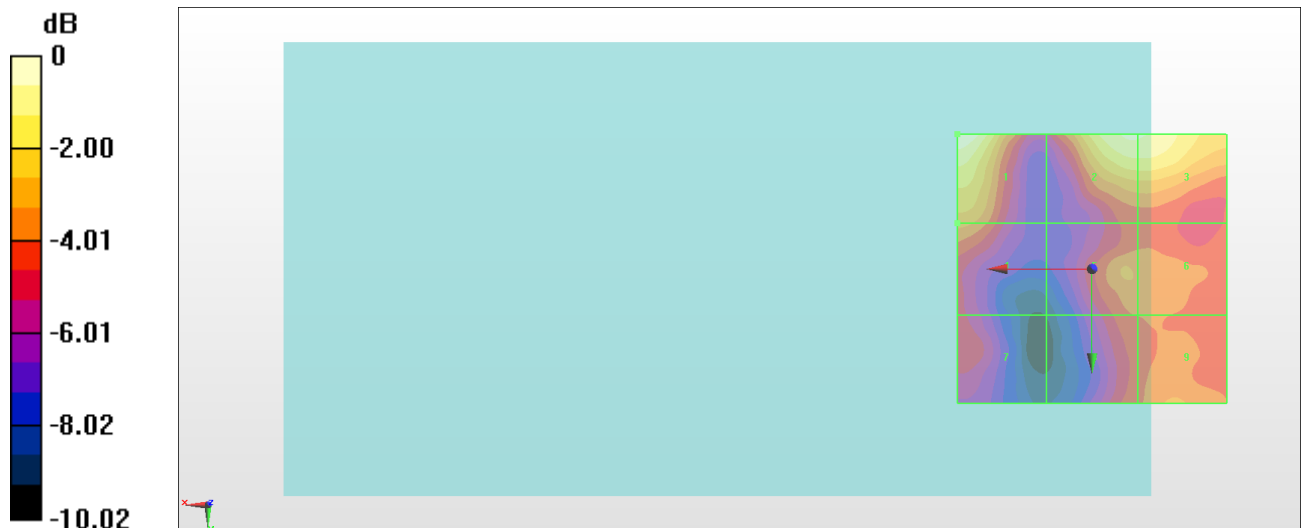
<b>Grid 1 M4</b> <b>19.97 dBV/m</b>	<b>Grid 2 M4</b> <b>19.44 dBV/m</b>	<b>Grid 3 M4</b> <b>19.38 dBV/m</b>
<b>Grid 4 M4</b> <b>16.89 dBV/m</b>	<b>Grid 5 M4</b> <b>16.73 dBV/m</b>	<b>Grid 6 M4</b> <b>16.61 dBV/m</b>
<b>Grid 7 M4</b> <b>15.14 dBV/m</b>	<b>Grid 8 M4</b> <b>16.01 dBV/m</b>	<b>Grid 9 M4</b> <b>16.8 dBV/m</b>

**Cursor:**

Total = 19.97 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.969 V/m = 19.97 dBV/m

### #39\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch165;Ant 1

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 10.59 V/m; Power Drift = -0.14 dB

Applied MIF = -3.15 dB

RF audio interference level = 20.64 dBV/m

**Emission category: M4**

MIF scaled E-field

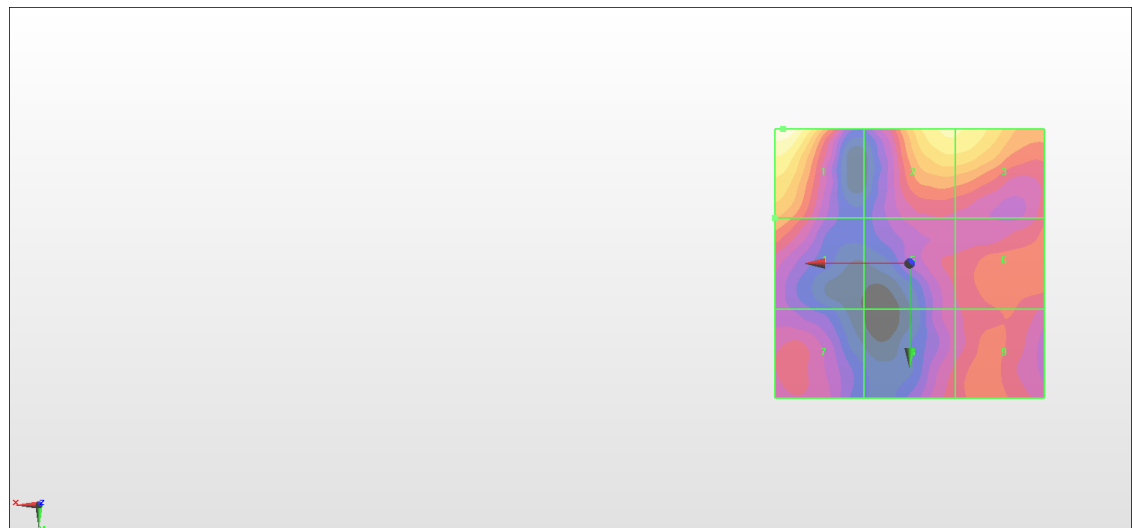
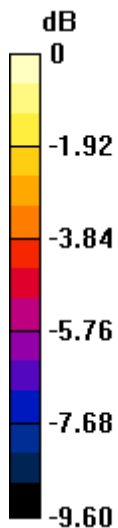
<b>Grid 1 M4</b> <b>20.64 dBV/m</b>	<b>Grid 2 M4</b> <b>19.54 dBV/m</b>	<b>Grid 3 M4</b> <b>19.46 dBV/m</b>
<b>Grid 4 M4</b> <b>17.49 dBV/m</b>	<b>Grid 5 M4</b> <b>15.71 dBV/m</b>	<b>Grid 6 M4</b> <b>16.72 dBV/m</b>
<b>Grid 7 M4</b> <b>15.79 dBV/m</b>	<b>Grid 8 M4</b> <b>15.92 dBV/m</b>	<b>Grid 9 M4</b> <b>16.63 dBV/m</b>

**Cursor:**

Total = 20.64 dBV/m

E Category: M4

Location: 23.5, -25, 8.7 mm



0 dB = 10.76 V/m = 20.64 dBV/m

## #40\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch149;Ant 2

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 6.367 V/m; Power Drift = 0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.21 dBV/m

**Emission category: M4**

MIF scaled E-field

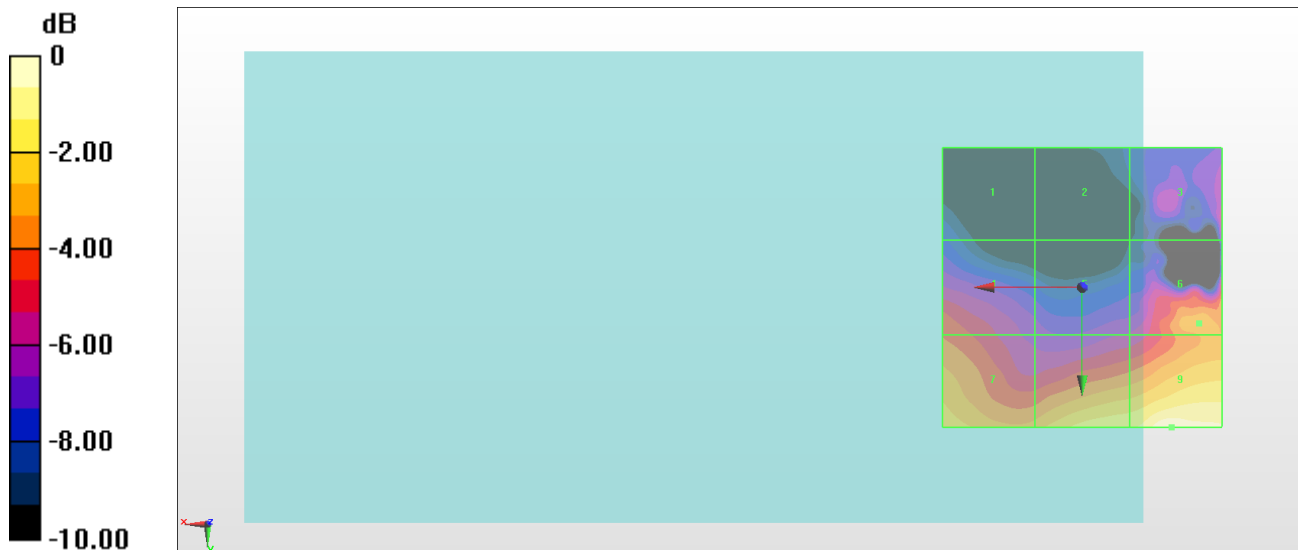
Grid 1 <b>M4</b> <b>10.21 dBV/m</b>	Grid 2 <b>M4</b> <b>10.37 dBV/m</b>	Grid 3 <b>M4</b> <b>13.22 dBV/m</b>
Grid 4 <b>M4</b> <b>14.26 dBV/m</b>	Grid 5 <b>M4</b> <b>12.58 dBV/m</b>	Grid 6 <b>M4</b> <b>15.31 dBV/m</b>
Grid 7 <b>M4</b> <b>16.17 dBV/m</b>	Grid 8 <b>M4</b> <b>17.09 dBV/m</b>	Grid 9 <b>M4</b> <b>18.21 dBV/m</b>

**Cursor:**

Total = 18.21 dBV/m

E Category: M4

Location: -17.5, 25, 8.7 mm



0 dB = 8.14 V/m = 18.21 dBV/m



## #41\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch157;Ant 2

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 6.037 V/m; Power Drift = -0.06 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.09 dBV/m

**Emission category: M4**

MIF scaled E-field

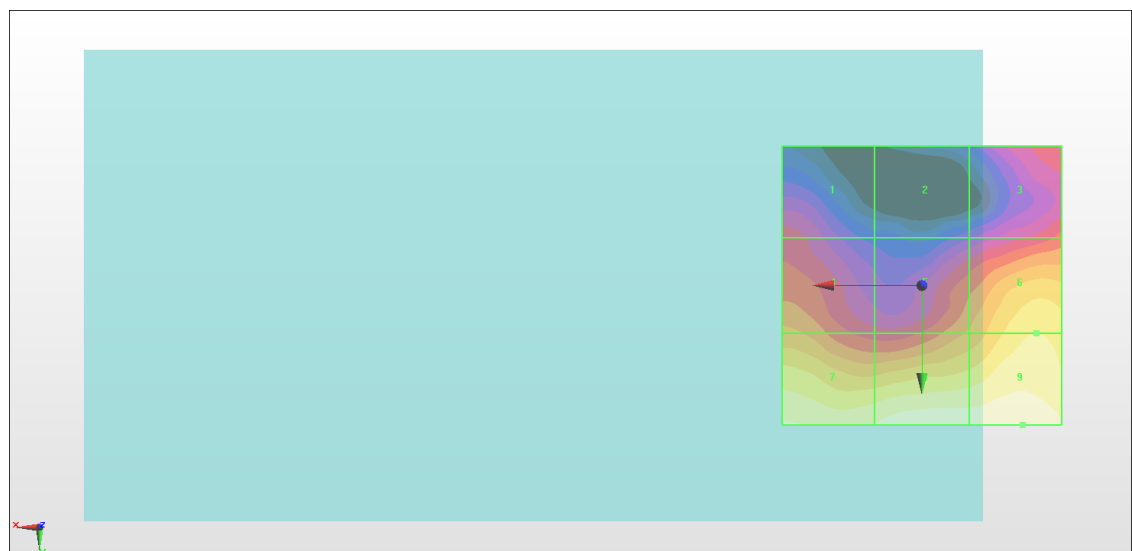
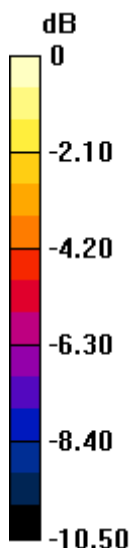
Grid 1 <b>M4</b> <b>12.33 dBV/m</b>	Grid 2 <b>M4</b> <b>10.41 dBV/m</b>	Grid 3 <b>M4</b> <b>12.72 dBV/m</b>
Grid 4 <b>M4</b> <b>14.06 dBV/m</b>	Grid 5 <b>M4</b> <b>14.19 dBV/m</b>	Grid 6 <b>M4</b> <b>16.33 dBV/m</b>
Grid 7 <b>M4</b> <b>16.74 dBV/m</b>	Grid 8 <b>M4</b> <b>17.69 dBV/m</b>	Grid 9 <b>M4</b> <b>18.09 dBV/m</b>

**Cursor:**

Total = 18.09 dBV/m

E Category: M4

Location: -18, 25, 8.7 mm



0 dB = 8.03 V/m = 18.09 dBV/m

## #42\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch165;Ant 2

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 6.104 V/m; Power Drift = -0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.18 dBV/m

**Emission category: M4**

MIF scaled E-field

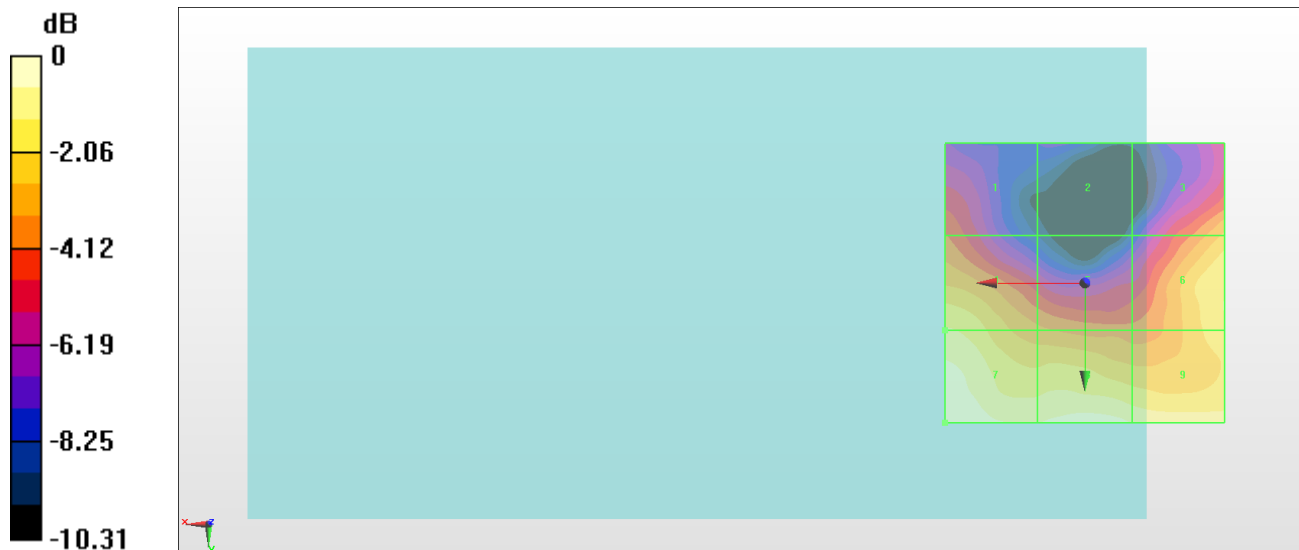
Grid 1 <b>M4</b> <b>14.22 dBV/m</b>	Grid 2 <b>M4</b> <b>11.12 dBV/m</b>	Grid 3 <b>M4</b> <b>15.62 dBV/m</b>
Grid 4 <b>M4</b> <b>17.24 dBV/m</b>	Grid 5 <b>M4</b> <b>15.06 dBV/m</b>	Grid 6 <b>M4</b> <b>17.02 dBV/m</b>
Grid 7 <b>M4</b> <b>18.18 dBV/m</b>	Grid 8 <b>M4</b> <b>17.68 dBV/m</b>	Grid 9 <b>M4</b> <b>16.69 dBV/m</b>

**Cursor:**

Total = 18.18 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 8.11 V/m = 18.18 dBV/m