

**#01\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1;Ant 1**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 25.69 V/m; Power Drift = -0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.24 dBV/m

**Emission category: M4**

MIF scaled E-field

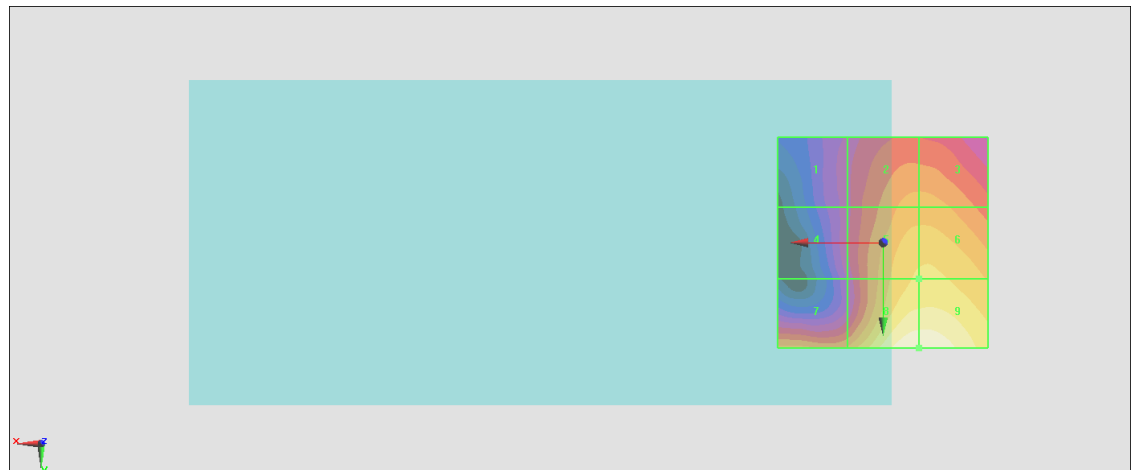
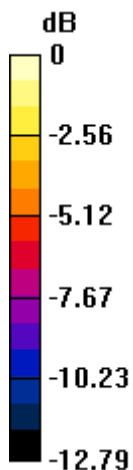
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.25 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.41 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.42 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.41 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.8 dBV/m</b>  | Grid 6 <b>M4</b><br><b>25.86 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.38 dBV/m</b> | Grid 8 <b>M4</b><br><b>28.24 dBV/m</b> | Grid 9 <b>M4</b><br><b>28.24 dBV/m</b> |

**Cursor:**

Total = 28.24 dBV/m

E Category: M4

Location: -8.5, 25, 8.7 mm



0 dB = 25.83 V/m = 28.24 dBV/m

**#02\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Ant 1**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 28.33 V/m; Power Drift = 0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.69 dBV/m

**Emission category: M4**

MIF scaled E-field

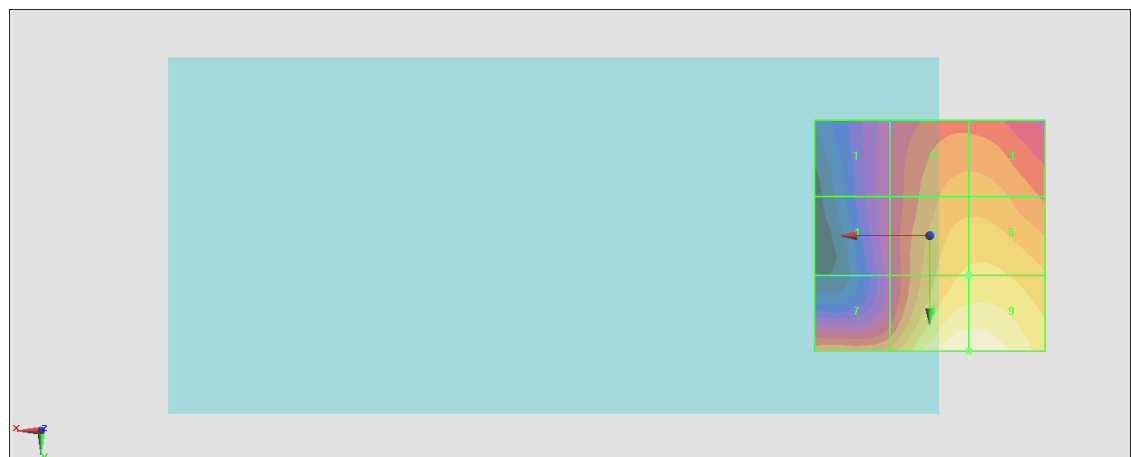
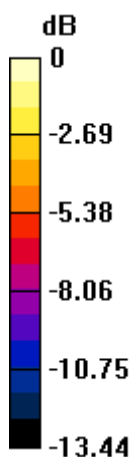
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.65 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.75 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.76 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.7 dBV/m</b>  | Grid 5 <b>M4</b><br><b>27.16 dBV/m</b> | Grid 6 <b>M4</b><br><b>27.24 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.74 dBV/m</b> | Grid 8 <b>M4</b><br><b>29.69 dBV/m</b> | Grid 9 <b>M4</b><br><b>29.69 dBV/m</b> |

**Cursor:**

Total = 29.69 dBV/m

E Category: M4

Location: -8.5, 25, 8.7 mm



0 dB = 30.52 V/m = 29.69 dBV/m

**#03\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11;Ant 1**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 22.22 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.69 dBV/m

**Emission category: M4**

MIF scaled E-field

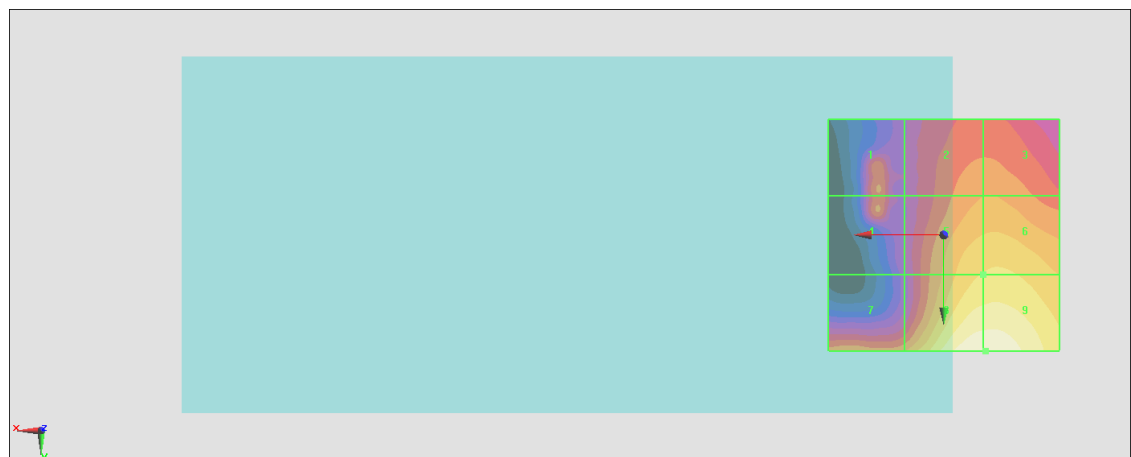
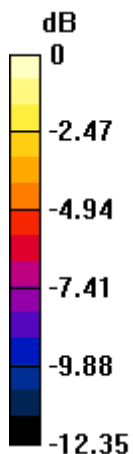
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.91 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.57 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.61 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.91 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.26 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.37 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.53 dBV/m</b> | Grid 8 <b>M4</b><br><b>27.68 dBV/m</b> | Grid 9 <b>M4</b><br><b>27.69 dBV/m</b> |

**Cursor:**

Total = 27.69 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 24.24 V/m = 27.69 dBV/m

**#04\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1;Ant 2**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 20.66 V/m; Power Drift = 0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 25.57 dBV/m

**Emission category: M4**

MIF scaled E-field

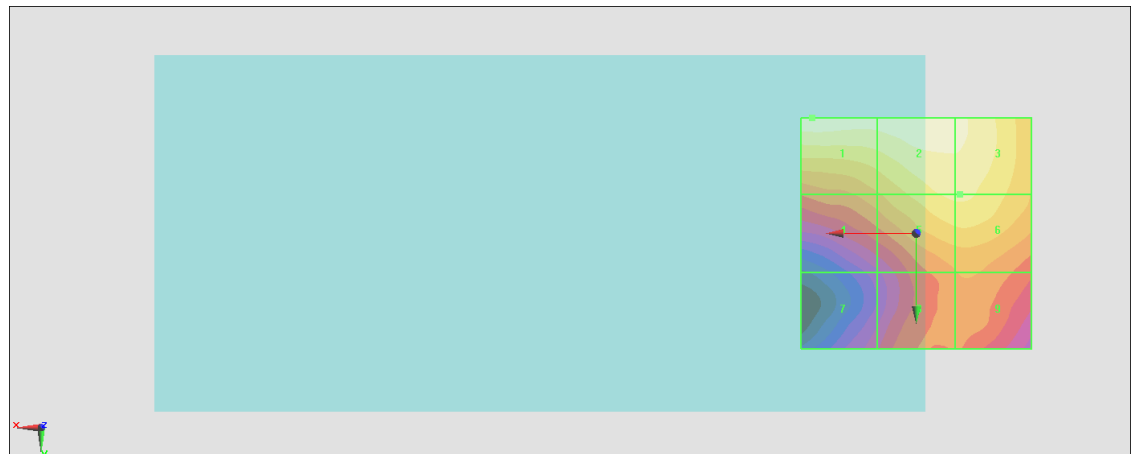
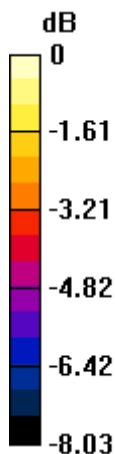
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.57 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.43 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.21 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.36 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.64 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.65 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.23 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.87 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.97 dBV/m</b> |

**Cursor:**

Total = 25.57 dBV/m

E Category: M4

Location: 22.5, -25, 8.7 mm



0 dB = 19.00 V/m = 25.57 dBV/m

**#05\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Ant 2**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 19.37 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 24.78 dBV/m

**Emission category: M4**

MIF scaled E-field

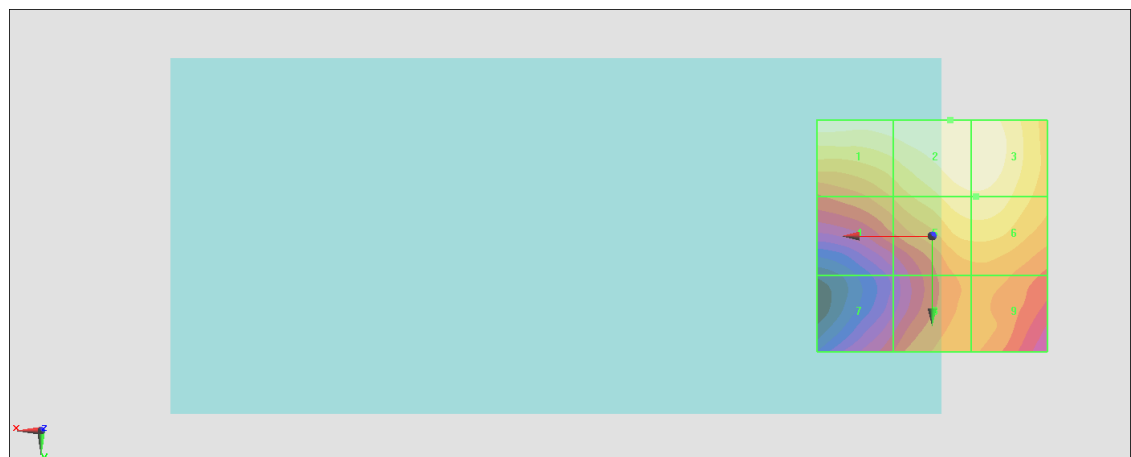
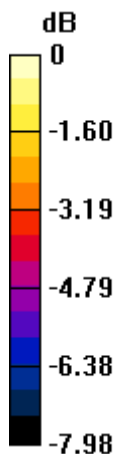
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.72 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.78 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.74 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.7 dBV/m</b>  | Grid 5 <b>M4</b><br><b>24.15 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.16 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.04 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.37 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.41 dBV/m</b> |

**Cursor:**

Total = 24.78 dBV/m

E Category: M4

Location: -4, -25, 8.7 mm



0 dB = 17.33 V/m = 24.78 dBV/m

**#06\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11;Ant 2**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 17.49 V/m; Power Drift = -0.13 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.82 dBV/m

**Emission category: M4**

MIF scaled E-field

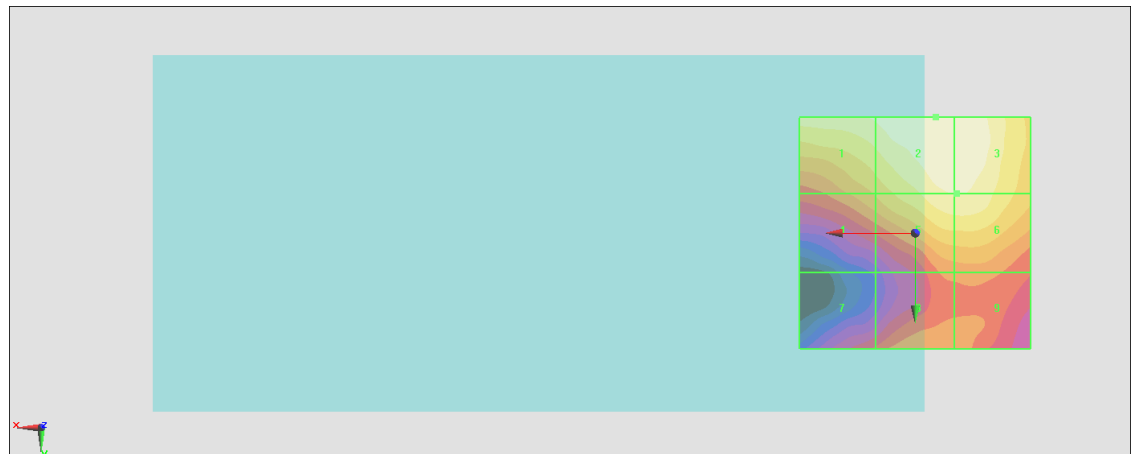
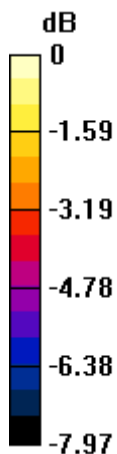
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.37 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.82 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.75 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.78 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.3 dBV/m</b>  | Grid 6 <b>M4</b><br><b>23.31 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.27 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.09 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.01 dBV/m</b> |

**Cursor:**

Total = 23.82 dBV/m

E Category: M4

Location: -4.5, -25, 8.7 mm



0 dB = 15.52 V/m = 23.82 dBV/m