

Appendix E

DUT Scans

LMR assessments highest SAR at the Body for 806-824MHz band (FCC)

Table 25

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/1/2022 6:05:59 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-220801-18
 Model#: AZH06UCC9VA1AN (PMUF2001ABA)
 Phantom#: ELI4 1108
 Tissue Temp: 21.6 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4011A
 Test Freq: 815.0000 (MHz)
 Battery: PMNN4809A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 3.00 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 815$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 815 MHz, ConvF(10.49, 10.49, 10.49) @ 815 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 85.84 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.45 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.37 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 85.84 V/m; Power Drift = -0.43 dB

Peak SAR (extrapolated) = 6.82 W/kg

SAR(1 g) = 4.89 W/kg; SAR(10 g) = 3.45 W/kg (SAR corrected for target medium)

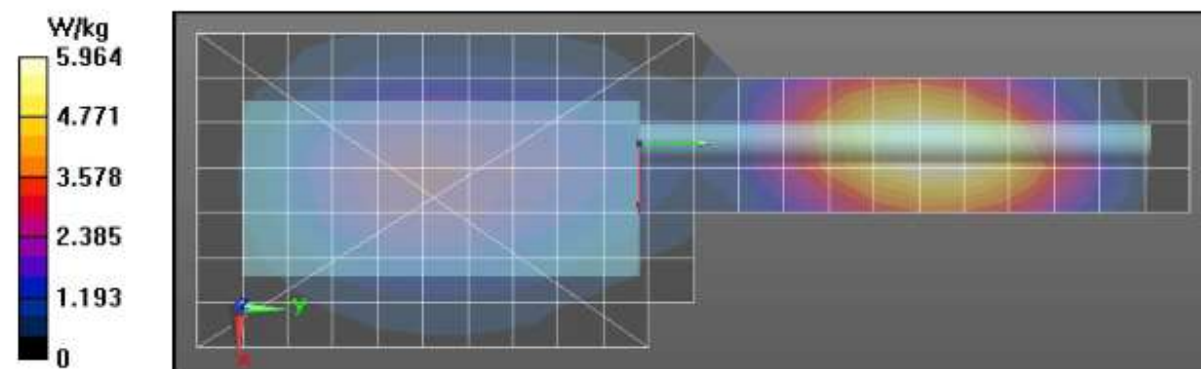
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.4%

Maximum value of SAR (measured) = 6.18 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 6.04 W/kg



LMR assessments highest SAR at the Body for 851-869MHz band (FCC)

Table 33

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/15/2022 8:12:47 AM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220815-08#
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.6 (C)
 Serial#: 865EYN0108
 Antenna: PMAF4011A
 Test Freq: 851.0000 (MHz)
 Battery: PMNN4809A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 3.00 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 851 MHz, ConvF(10.49, 10.49, 10.49) @ 851 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 79.68 V/m; Power Drift = -0.61 dB

Fast SAR: SAR(1 g) = 5.49 W/kg; SAR(10 g) = 3.75 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.98 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 79.68 V/m; Power Drift = -0.71 dB

Peak SAR (extrapolated) = 7.42 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 3.63 W/kg (SAR corrected for target medium)

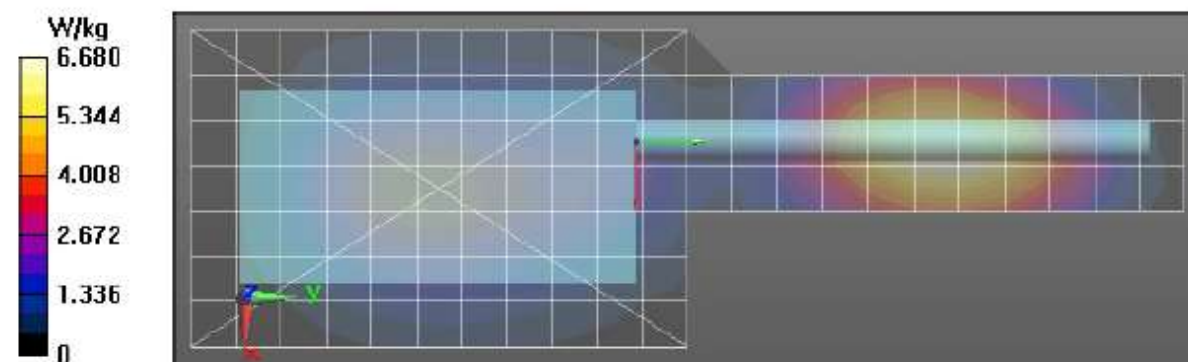
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.2%

Maximum value of SAR (measured) = 6.69 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 6.53 W/kg



LMR assessments highest SAR at the Body for 869-901MHz band (FCC)

Table 41

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/7/2022 3:16:53 AM

Robot#: DASY5-PG-1 | Run#: BL-AB-220807-06#
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.5 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 898.5000 (MHz)
 Battery: PMNN4809A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 2.95 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 899$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 898.5 MHz, ConvF(10.26, 10.26, 10.26) @ 898.5 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 98.62 V/m; Power Drift = -0.63 dB

Fast SAR: SAR(1 g) = 6.51 W/kg; SAR(10 g) = 4.41 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.35 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,

dy=7.5mm, dz=5mm

Reference Value = 98.62 V/m; Power Drift = -0.69 dB

Peak SAR (extrapolated) = 9.01 W/kg

SAR(1 g) = 6.26 W/kg; SAR(10 g) = 4.31 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

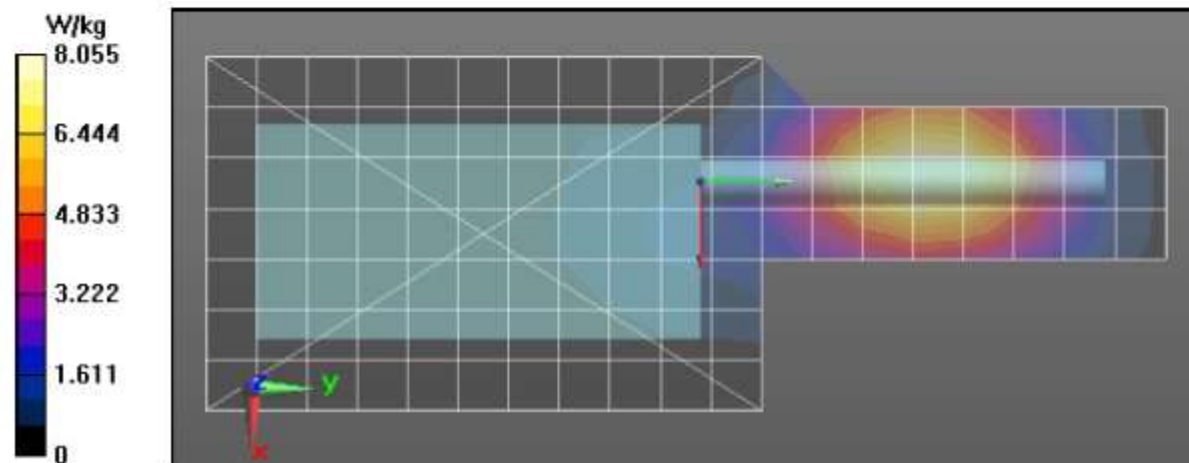
Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 8.09 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm,

dz=10mm

Maximum value of SAR (measured) = 7.91 W/kg



LMR assessments highest SAR at the Body for 935-940MHz band (FCC)

Table 49

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/20/2022 10:45:31 AM

Robot#: DASY5-PG-1 | Run#: MFR(AMF)-AB-220820-11
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1108
 Tissue Temp: 20.8 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 937.5000 (MHz)
 Battery: PMNN4807A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 2.85 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 938 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 43.2$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 938 MHz, ConvF(10.26, 10.26, 10.26) @ 938 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 69.53 V/m; Power Drift = -0.68 dB

Fast SAR: SAR(1 g) = 3.51 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 4.34 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 69.53 V/m; Power Drift = -0.86 dB

Peak SAR (extrapolated) = 4.56 W/kg

SAR(1 g) = 3.3 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)

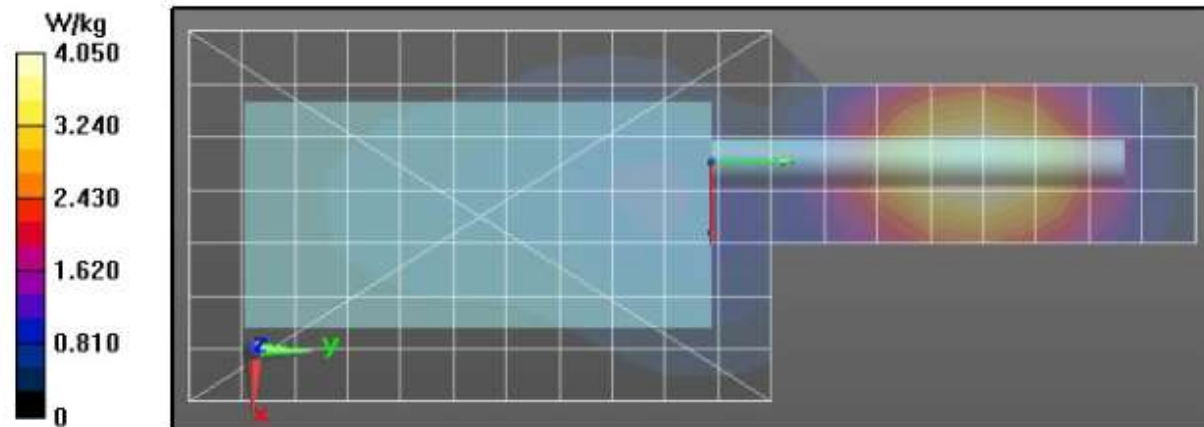
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.6%

Maximum value of SAR (measured) = 4.10 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 3.99 W/kg



LMR assessments highest SAR at the Face for 806-824MHz band (FCC)

Table 51

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/1/2022 10:47:24 PM

Robot#: DASY5-PG-1 | Run#: MFR(AMF)-FACE-220801-20
 Model#: AZH06UCC9VA1AN (PMUF2001ABA)
 Phantom#: EL14 1028
 Tissue Temp: 21.5 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4009A
 Test Freq: 806.0000 (MHz)
 Battery: PMNN4810A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.97 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 806 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.6$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 806 MHz, ConvF(11.05, 11.05, 11.05) @ 806 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 34.00 V/m; Power Drift = -0.61 dB

Fast SAR: SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.538 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.963 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.00 V/m; Power Drift = -0.70 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.572 W/kg (SAR corrected for target medium)

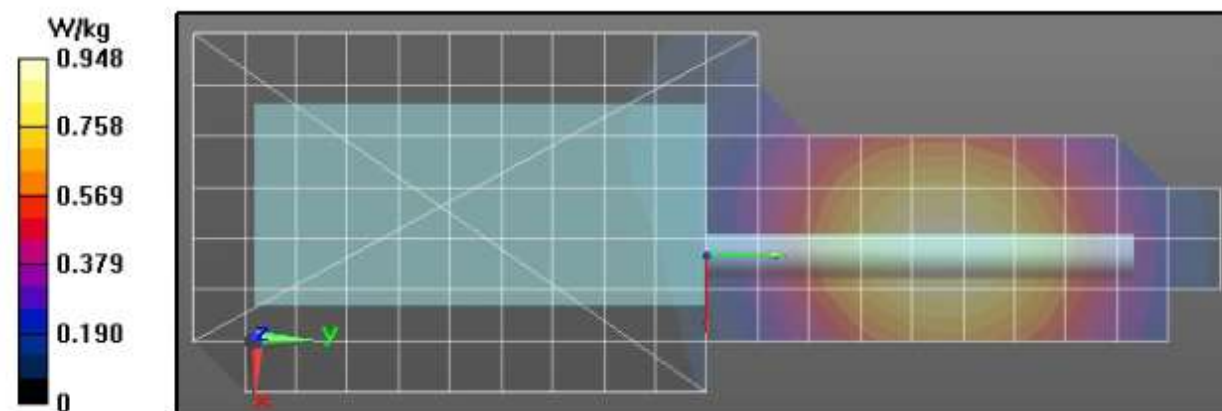
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.4%

Maximum value of SAR (measured) = 0.946 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 0.940 W/kg



LMR assessments highest SAR at the Face for 851-869MHz band (FCC)

Table 53

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2022 12:30:41 AM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220805-01#
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: EL14 1028
 Tissue Temp: 21.8 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4011A
 Test Freq: 851.0000 (MHz)
 Battery: PMNN4810A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.93 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 851 MHz, ConvF(10.49, 10.49, 10.49) @ 851 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 52.34 V/m; Power Drift = -0.31 dB

Fast SAR: SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.48 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 52.34 V/m; Power Drift = -0.48 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)

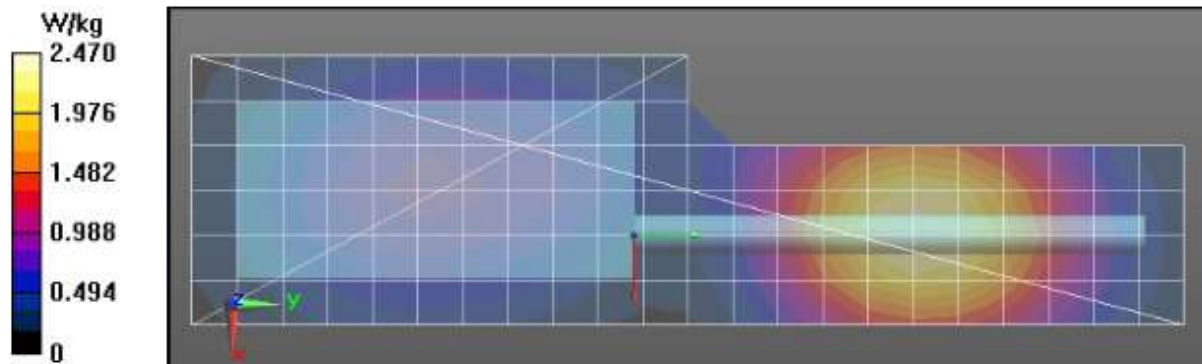
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73.5%

Maximum value of SAR (measured) = 2.38 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 2.32 W/kg



LMR assessments highest SAR at the Face for 896-901MHz band (FCC)

Table 55

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/7/2022 9:23:19 AM

Robot#: DASY5-PG-1 | Run#: MFR(AMF)-FACE-220807-10
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.4 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 898.5000 (MHz)
 Battery: PMNN4807A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.81 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 899 \text{ MHz}$; $\sigma = 0.99 \text{ S/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 899 MHz, ConvF(10.26, 10.26, 10.26) @ 899 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 50.52 V/m; Power Drift = -0.40 dB

Fast SAR: SAR(1 g) = 1.76 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.24 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 50.52 V/m; Power Drift = -0.52 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 1.7 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)

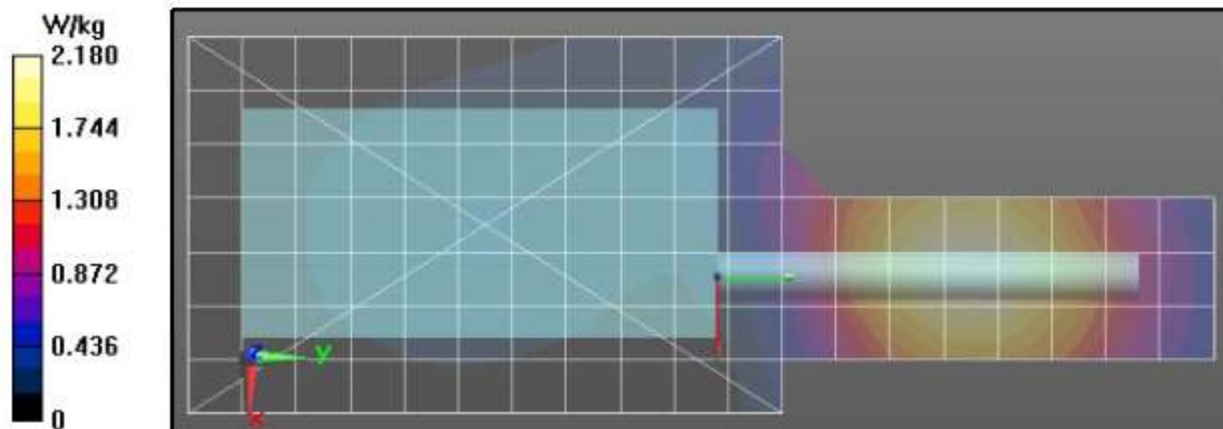
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.5%

Maximum value of SAR (measured) = 2.14 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 2.11 W/kg



LMR assessments highest SAR at the Face for 935-940MHz band (FCC)

Table 57

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2022 6:06:17 PM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220812-07
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 22.4 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 935.0000 (MHz)
 Battery: PMNN4810A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.73 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 935 \text{ MHz}$; $\sigma = 1.02 \text{ S/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 935 MHz, ConvF(10.26, 10.26, 10.26) @ 935 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 44.16 V/m; Power Drift = -0.37 dB

Fast SAR: SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.03 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.91 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 44.16 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.45 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)

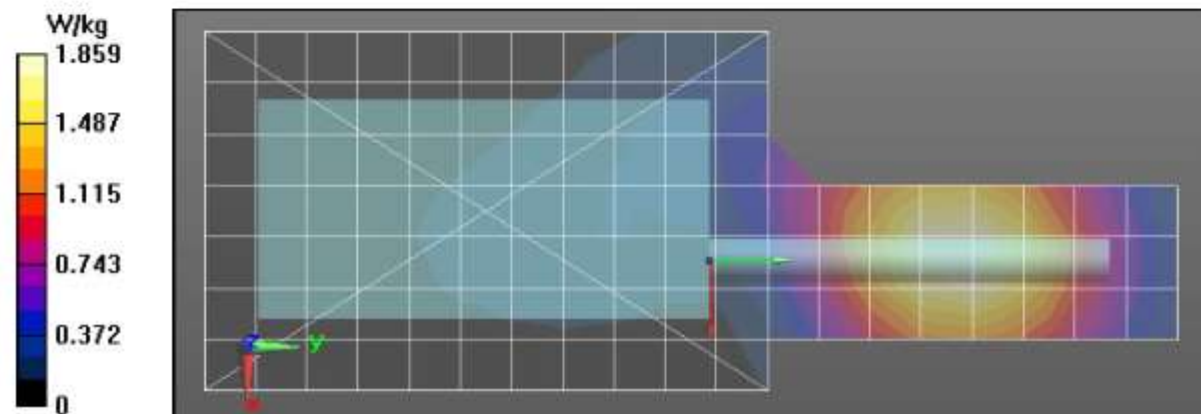
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.5%

Maximum value of SAR (measured) = 1.83 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 1.81 W/kg



LMR assessments highest SAR at the Body for 806-824MHz band (ISED, Canada)

Table 58

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/1/2022 6:05:59 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-220801-18
 Model#: AZH06UCC9VA1AN (PMUF2001ABA)
 Phantom#: ELI4 1108
 Tissue Temp: 21.6 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4011A
 Test Freq: 815.0000 (MHz)
 Battery: PMNN4809A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 3.00 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 815$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 815 MHz, ConvF(10.49, 10.49, 10.49) @ 815 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 85.84 V/m; Power Drift = -0.33 dB

Fast SAR: SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.45 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.37 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 85.84 V/m; Power Drift = -0.43 dB

Peak SAR (extrapolated) = 6.82 W/kg

SAR(1 g) = 4.89 W/kg; SAR(10 g) = 3.45 W/kg (SAR corrected for target medium)

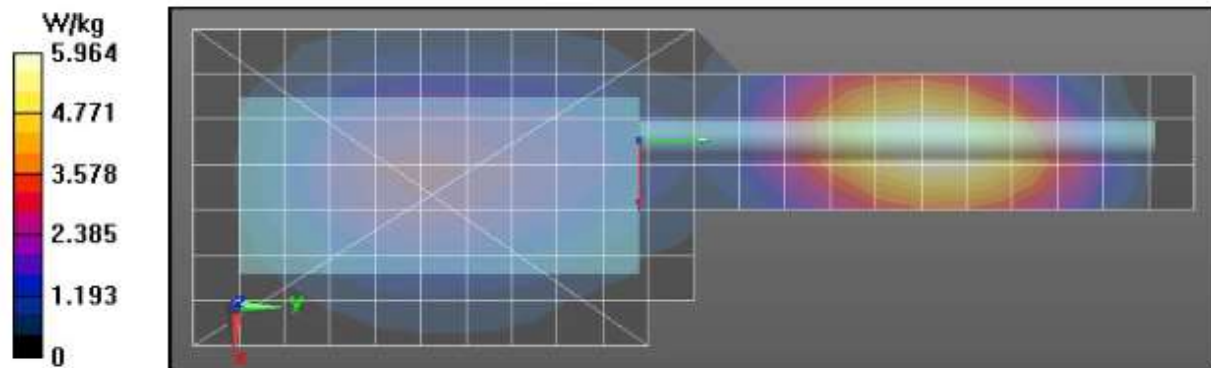
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.4%

Maximum value of SAR (measured) = 6.18 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 6.04 W/kg



LMR assessments highest SAR at the Face for 806-824MHz band (ISED, Canada)

Table 58

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/10/2022 12:49:51 PM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-220910-07
 Model#: AZH06UCC9VA1AN (PMUF2000ABB)
 Phantom#: EL14 1028
 Tissue Temp: 21.2 (C)
 Serial#: 865EYN0138
 Antenna: PMAF4009A
 Test Freq: 824.0000 (MHz)
 Battery: PMNN4810A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.90 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 824 MHz, ConvF(10.49, 10.49, 10.49) @ 824 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 41.42 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.950 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.71 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5 \text{ mm}$, $dy=7.5 \text{ mm}$, $dz=5 \text{ mm}$

Reference Value = 41.42 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.925 W/kg (SAR corrected for target medium)

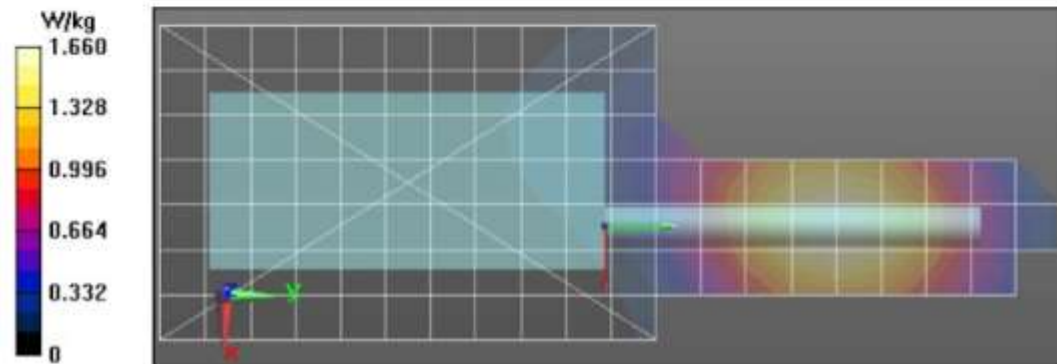
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.1%

Maximum value of SAR (measured) = 1.69 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=10 \text{ mm}$

Maximum value of SAR (measured) = 1.67 W/kg



LMR assessments highest SAR at the Body for 851-869MHz band (ISED, Canada)

Table 59

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/15/2022 8:12:47 AM

Robot#: DASY5-PG-1 | Run#: FZ-AB-220815-08#
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.6 (C)
 Serial#: 865EYN0108
 Antenna: PMAF4011A
 Test Freq: 851.0000 (MHz)
 Battery: PMNN4809A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 3.00 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 851 MHz, ConvF(10.49, 10.49, 10.49) @ 851 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 79.68 V/m; Power Drift = -0.61 dB

Fast SAR: SAR(1 g) = 5.49 W/kg; SAR(10 g) = 3.75 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 6.98 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 79.68 V/m; Power Drift = -0.71 dB

Peak SAR (extrapolated) = 7.42 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 3.63 W/kg (SAR corrected for target medium)

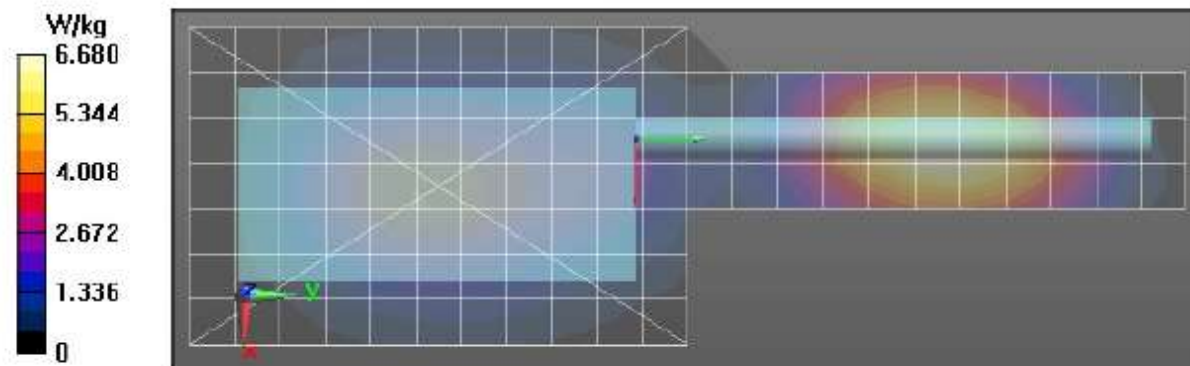
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.2%

Maximum value of SAR (measured) = 6.69 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 6.53 W/kg



LMR assessments highest SAR at the Face for 851-869MHz band (ISED, Canada)

Table 59

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/5/2022 12:30:41 AM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220805-01#
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.8 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4011A
 Test Freq: 851.0000 (MHz)
 Battery: PMNN4810A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.93 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 851 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 851 MHz, ConvF(10.49, 10.49, 10.49) @ 851 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (61x221x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 52.34 V/m; Power Drift = -0.31 dB

Fast SAR: SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 2.48 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 52.34 V/m; Power Drift = -0.48 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)

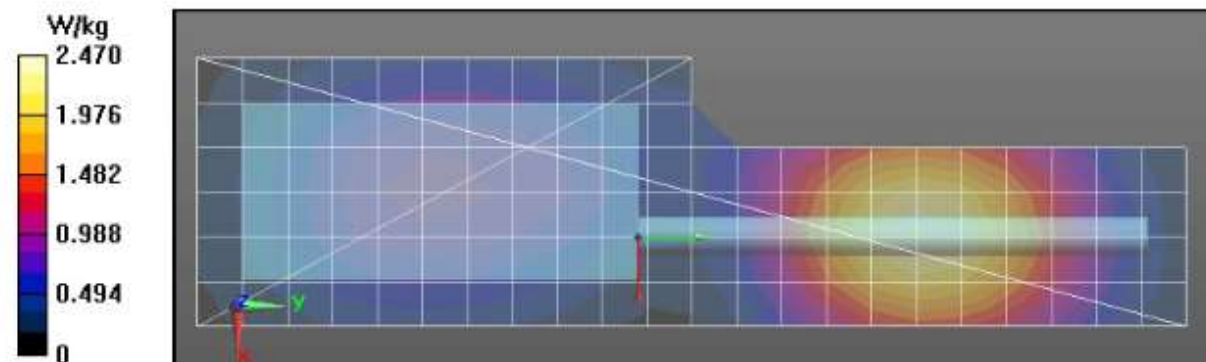
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73.5%

Maximum value of SAR (measured) = 2.38 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 2.32 W/kg



LMR assessments highest SAR at the Body for 896-901MHz band (ISED, Canada)

Table 60

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/7/2022 9:01:24 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-220807-16
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.3 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 901.0000 (MHz)
 Battery: PMNN4809A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 3.00 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 901$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 901 MHz, ConvF(10.26, 10.26, 10.26) @ 901 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 101.2 V/m; Power Drift = -0.47 dB

Fast SAR: SAR(1 g) = 7.06 W/kg; SAR(10 g) = 4.78 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 9.04 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 101.2 V/m; Power Drift = -0.60 dB

Peak SAR (extrapolated) = 9.69 W/kg

SAR(1 g) = 6.74 W/kg; SAR(10 g) = 4.62 W/kg (SAR corrected for target medium)

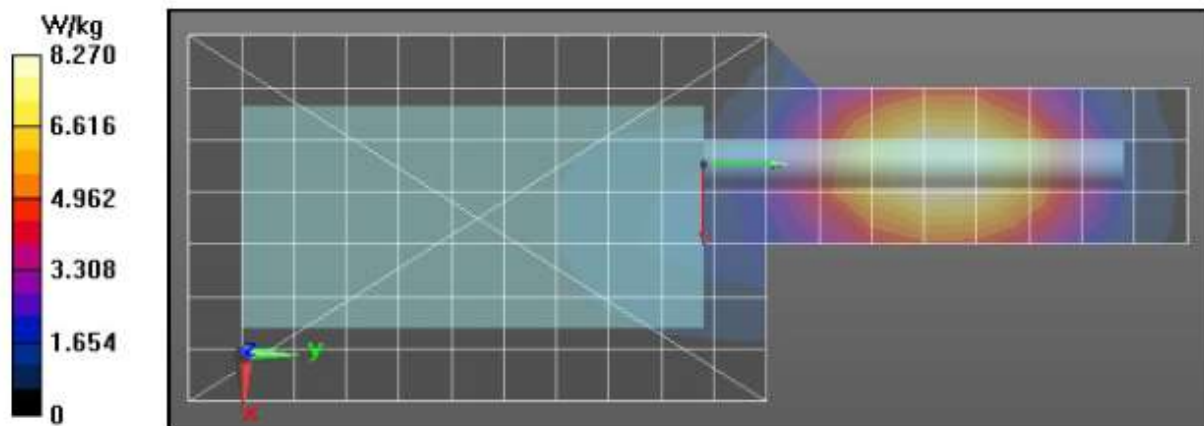
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 8.70 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 8.56 W/kg



LMR assessments highest SAR at the Face for 896-901MHz band (ISED, Canada)

Table 60

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/17/2022 1:18:58 AM

Robot#: DASY5-PG-1 | Run#: FZ-FACE-220917-02
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.6 (C)
 Serial#: 865EYN0138
 Antenna: PMAF4010A
 Test Freq: 901.0000 (MHz)
 Battery: PMNN4807A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.85 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 901$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 901 MHz, ConvF(10.26, 10.26, 10.26) @ 901 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 60.62 V/m; Power Drift = -0.36 dB

Fast SAR: SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.8 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 3.31 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 60.62 V/m; Power Drift = -0.43 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.79 W/kg (SAR corrected for target medium)

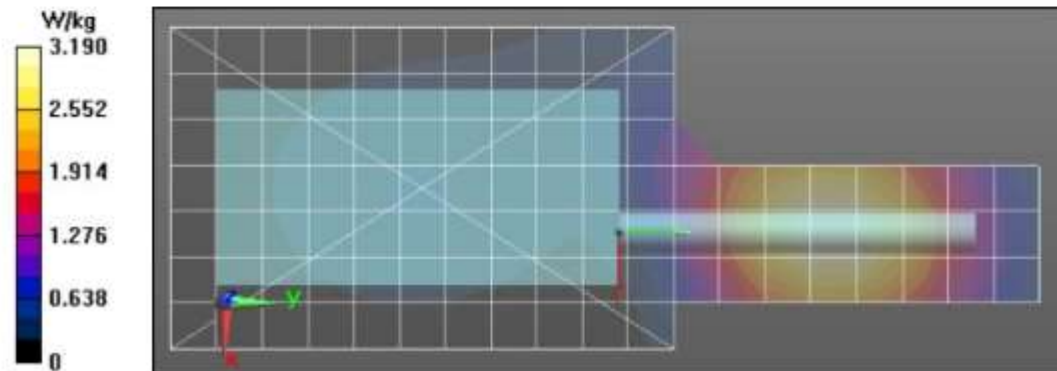
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.4%

Maximum value of SAR (measured) = 3.17 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 3.14 W/kg



LMR assessments highest SAR at the Body for 935-940MHz band (ISED, Canada)

Table 61

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/20/2022 3:02:20 PM

Robot#: DASY5-PG-1 | Run#: MFR(AMF)-AB-220820-14
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1108
 Tissue Temp: 20.6 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 935.0000 (MHz)
 Battery: PMNN4807A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 2.83 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 935$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 43.2$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 935 MHz, ConvF(10.26, 10.26, 10.26) @ 935 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 76.63 V/m; Power Drift = -0.50 dB

Fast SAR: SAR(1 g) = 4.22 W/kg; SAR(10 g) = 2.81 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 5.23 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 76.63 V/m; Power Drift = -0.65 dB

Peak SAR (extrapolated) = 5.55 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.7 W/kg (SAR corrected for target medium)

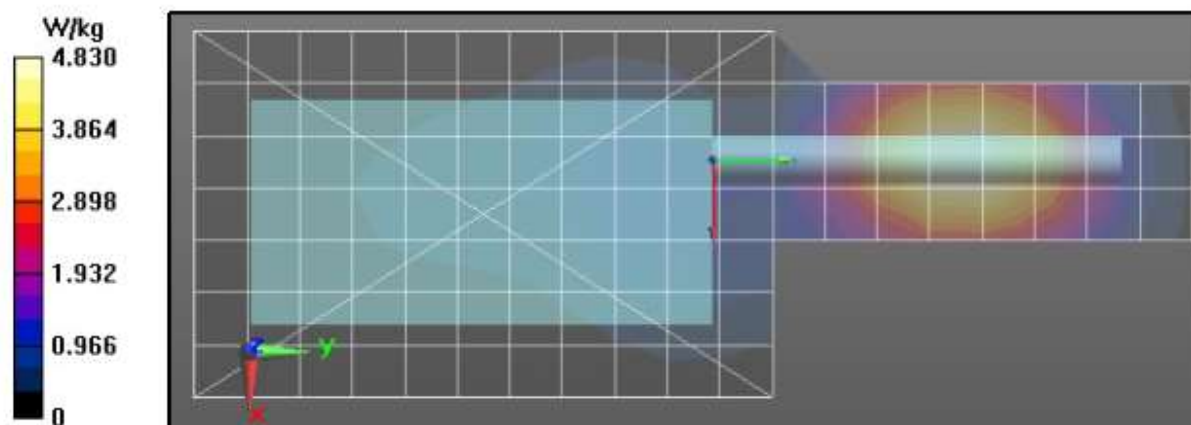
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.1%

Maximum value of SAR (measured) = 4.98 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 4.88 W/kg



LMR assessments highest SAR at the Face for 896-901MHz band (ISED, Canada)

Table 61

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/12/2022 6:06:17 PM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220812-07
 Model#: AAH06UCC9RBIAN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 22.4 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 935.0000 (MHz)
 Battery: PMNN4810A
 Carry Acc: @ front
 Audio Acc: N/A
 Start Power: 2.73 (W)

Comments:

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 935 \text{ MHz}$; $\sigma = 1.02 \text{ S/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
 Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 935 MHz, ConvF(10.26, 10.26, 10.26) @ 935 MHz
 Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Face Scan/1-Area Scan (71x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 44.16 V/m; Power Drift = -0.37 dB

Fast SAR: SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.03 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.91 W/kg

Below 2 GHz-Rev.3/Face Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 44.16 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.45 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)

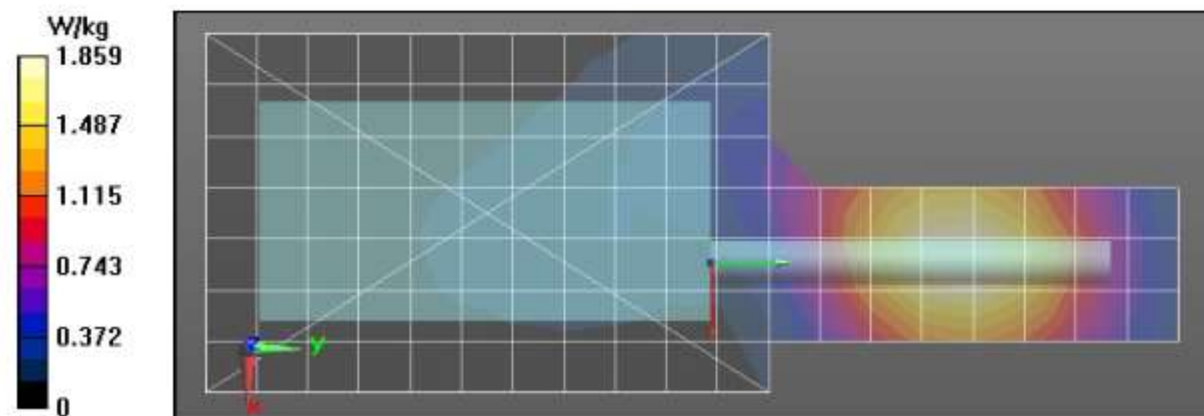
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.5%

Maximum value of SAR (measured) = 1.83 W/kg

Below 2 GHz-Rev.3/Face Scan/4-Z-Axis Scan (1x1x17): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$

Maximum value of SAR (measured) = 1.81 W/kg



Highest SAR Assessment at Body FCC/ISED for WLAN 2.4 GHz (802.11 b/g/n)

Table 65

Motorola Solutions, EME Laboratory

2022-08-03, 16:00

Measurement Report for AAH06UCC9RA1AN (IC Model: PMUF2001ABA), 865EYN0111, BACK, WLAN 2.4GHz, IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
AAH06UCC9RA1AN (IC Model: PMUF2001ABA)	865EYN0111	249.0 x 65.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, U/D	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	WLAN 2.4GHz	WLAN, 10413-AAA	2412.0, 1	8.32	1.75	38.7

Hardware Setup

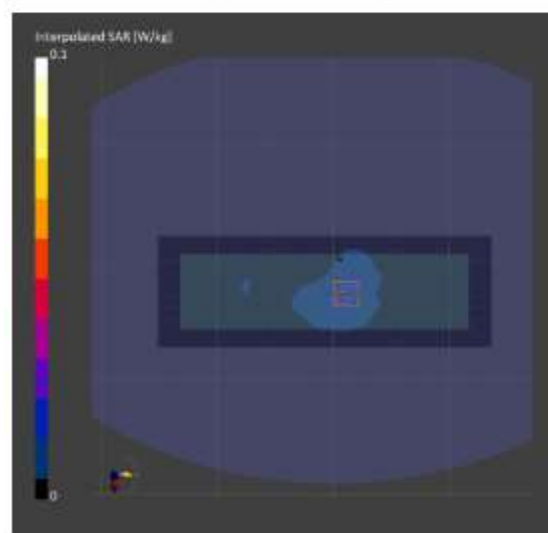
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELJ V4.0 (20deg probe tilt) - ELJ4 1109	HSL2450, 2022-Aug-03	EX3DV4 - SN7594, 2022-04-26	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 288.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-03, 16:00	2022-08-03, 16:09
psSAR1g [W/Kg]	0.016	0.016
psSAR10g [W/Kg]	0.009	0.01
Power Drift [dB]	-0.62	-0.92
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.3
Dist 3dB Peak [mm]		> 15.0



Highest SAR Assessment at Face FCC/ISED for WLAN 2.4 GHz (802.11 b/g/n)

Table 65

Motorola Solutions, EME Laboratory

2022-08-04, 02:31

Measurement Report for AAH06UCC9RA1AN (IC Model: PMUF2001ABA), 865EYN0111, FRONT, WLAN 2.4GHz, IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 6 (2437.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
AAH06UCC9RA1AN (IC Model: PMUF2001ABA)	865EYN0111	250.0 x 65.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 25.00	WLAN 2.4GHz	WLAN, 10415-AAA	2437.0, 6	8.32	1.77	38.7

Hardware Setup

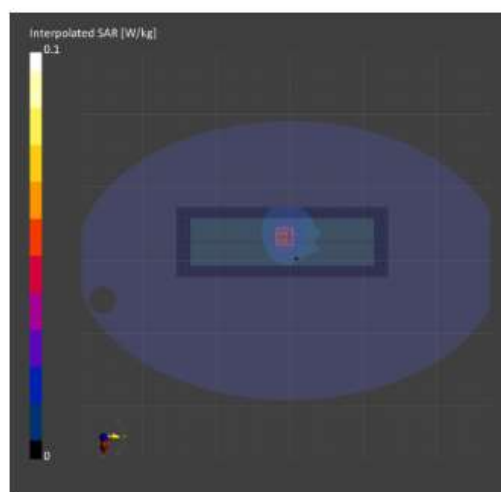
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) – ELI4 1109	HSL2450 , 2022-Aug-03	EX3DV4 – SN7594, 2022-04-26	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 288.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-04, 02:31	2022-08-04, 02:40
psSAR1g [W/Kg]	0.029	0.031
psSAR10g [W/Kg]	0.016	0.018
Power Drift [dB]	-0.17	-0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.0
Dist 3dB Peak [mm]		> 15.0



Highest SAR Assessment at Body FCC/ISED for WLAN 5 GHz (U-NII-2A)

Table 67

Motorola Solutions, EME Laboratory

2022-08-09, 01:41

Measurement Report for AAH06UCC9RA1AN (IC Model: PMUF2001ABA), 865EYN0111, BACK, WLAN 5GHz, IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), Channel 52 (5260.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
AAH06UCC9RA1AN (IC Model: PMUF2001ABA)	865EYN0111	250.0 x 65.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	WLAN 5GHz	WLAN, 10417-AAC	5260.0, 52	5.45	4.33	36.7

Hardware Setup

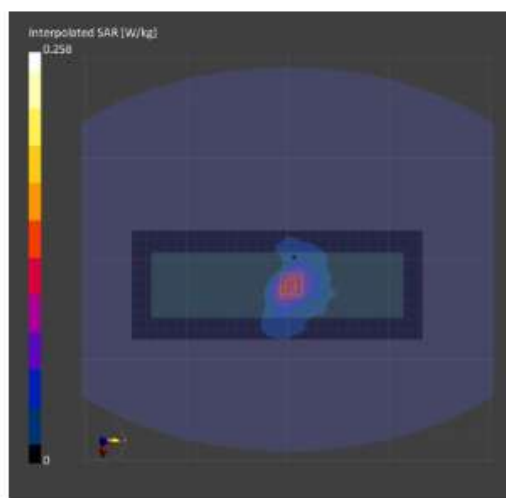
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL5250, 2022-Aug-08	EX3DV4 - SN7594, 2022-04-26	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	108.0 x 288.0	28.0 x 28.0 x 22.0
Grid Steps [mm]	9.0 x 9.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-09, 01:41	2022-08-09, 01:51
psSAR1g [W/Kg]	0.096	0.082
psSAR10g [W/Kg]	0.041	0.033
Power Drift [dB]	0.66	-0.09
TSL Correction	Positive only	Positive only
M2/M1 [%]		70.1
Dist 3dB Peak [mm]		9.8



Highest SAR Assessment at Face FCC/ISED for WLAN 5 GHz (U-NII-2A)

Table 67

Motorola Solutions, EME Laboratory

2022-08-09, 09:28

Measurement Report for AAH06UCC9RA1AN (IC Model: PMUF2001ABA), 865EYN0111, FRONT, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), Channel 52 (5260.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
AAH06UCC9RA1AN (IC Model: PMUF2001ABA)	865EYN0111	250.0 x 65.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 25.00	WLAN 5GHz	WLAN, 10417-AAC	5260.0, 52	5.45	4.88	86.7

Hardware Setup

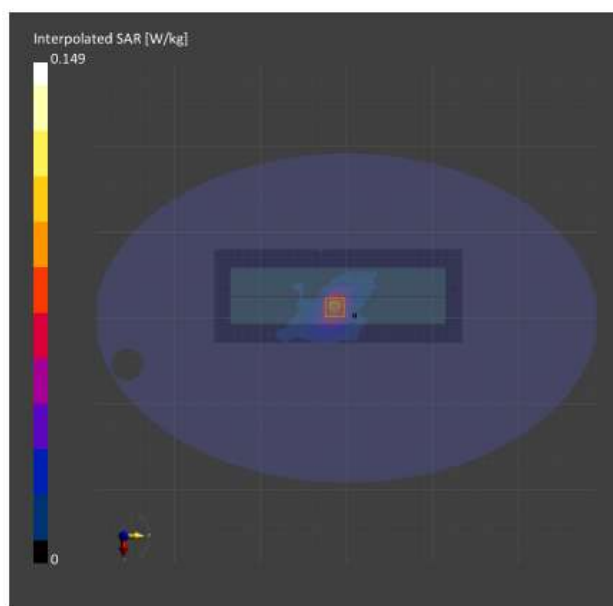
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL5250, 2022-Aug-08	EX8DV4 - SN7594, 2022-04-26	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	108.0 x 288.0	28.0 x 28.0 x 22.0
Grid Steps [mm]	9.0 x 9.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	8.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-09, 09:28	2022-08-09, 09:38
psSAR1g [W/Kg]	0.048	0.047
psSAR10g [W/Kg]	0.020	0.018
Power Drift [dB]	-1.82	-1.97
TSL Correction	Positive only	Positive only
M2/M1 [%]		68.4
Dist 8dB Peak [mm]		12.9



Highest SAR Assessment at Body FCC/ISED for WLAN 5 GHz (U-NII-2C)

Table 68

Motorola Solutions, EME Laboratory

2022-08-16, 20:59

Measurement Report for AAH06UCC9RA1AN (IC Model: PMUF2001ABA), 865EYN0111, BACK, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), Channel 128 (5640.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
AAH06UCC9RA1AN (IC Model: PMUF2001ABA)	865EYN0111	250.0 x 65.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	WLAN 5GHz	WLAN, 10417-AAC	5640.0, 128	4.81	4.78	35.9

Hardware Setup

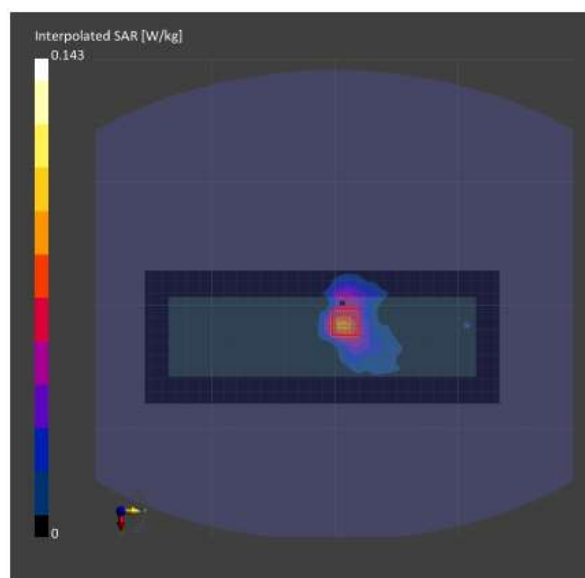
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL5600 , 2022-Aug-16	EX3DV4 - SN7594, 2022-04-26	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	108.0 x 288.0	28.0 x 28.0 x 22.0
Grid Steps [mm]	9.0 x 9.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-16, 20:59	2022-08-16, 21:09
psSAR1g [W/Kg]	0.046	0.041
psSAR10g [W/Kg]	0.019	0.015
Power Drift [dB]	-1.54	-1.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		71.4
Dist 3dB Peak [mm]		> 14.0



Highest SAR Assessment at Face FCC/ISED for WLAN 5 GHz (U-NII-2C)

Table 68

Motorola Solutions, EME Laboratory

2022-08-10, 20:31

Measurement Report for AAH06UCC9RA1AN (IC Model: PMUF2001ABA), 865EYN0111, FRONT, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), Channel 128 (5640.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
AAH06UCC9RA1AN (IC Model: PMUF2001ABA)	865EYN0111	250.0 x 65.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 25.00	WLAN 5GHz	WLAN, 10417-AAC	5640.0, 128	4.81	4.71	36.1

Hardware Setup

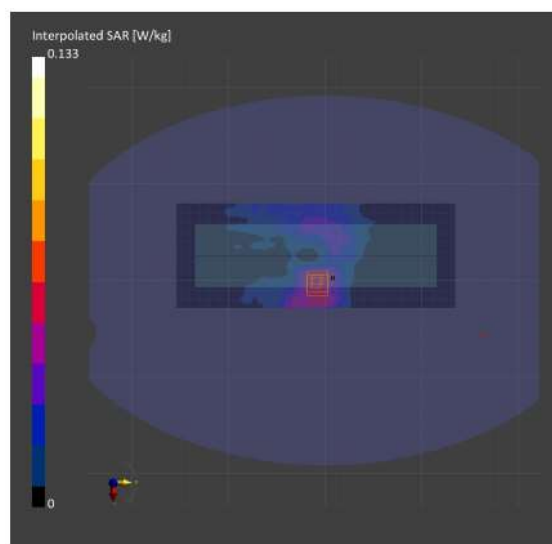
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL5600 , 2022-Aug-09	EX3DV4 - SN7594, 2022-04-26	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	108.0 x 288.0	28.0 x 28.0 x 22.0
Grid Steps [mm]	9.0 x 9.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-10, 20:31	2022-08-10, 20:53
psSAR1g [W/Kg]	0.037	0.037
psSAR10g [W/Kg]	0.016	0.013
Power Drift [dB]	-4.08	-0.57
TSL Correction	Positive only	Positive only
M2/M1 [%]		68.4
Dist 3dB Peak [mm]		> 14.0



Highest SAR Assessment at Body FCC/ISED for WLAN 5 GHz (U-NII-3)

Table 69

Motorola Solutions, EME Laboratory

2022-08-11, 14:45

Measurement Report for AAH06UCC9RA1AN (IC Model: PMUF2001ABA), 865EYN0111, BACK, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), Channel 149 (5745.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
AAH06UCC9RA1AN (IC Model: PMUF2001ABA)	865EYN0111	250.0 x 65.0 x 40.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	WLAN 5GHz	WLAN, 10417-AAC	5745.0, 149	5.0	4.78	34.7

Hardware Setup

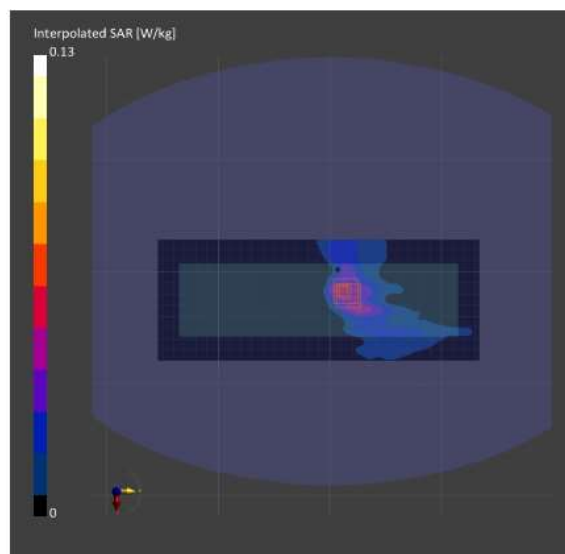
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL5600, 2022-Aug-11	EX3DV4 - SN7594, 2022-04-26	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	108.0 x 288.0	28.0 x 28.0 x 22.0
Grid Steps [mm]	9.0 x 9.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-11, 14:45	2022-08-11, 14:55
psSAR1g [W/Kg]	0.033	0.027
psSAR10g [W/Kg]	0.014	0.009
Power Drift [dB]	-3.44	-2.52
TSL Correction	Positive only	Positive only
M2/M1 [K]		64.7
Dist 3dB Peak [mm]		> 14.0



Highest SAR Assessment at Face FCC/ISED for WLAN 5 GHz (U-NII-3)

Table 69

Motorola Solutions, Inc. EME Laboratory

Date/Time: 9/22/2022 8:04:43 PM

Robot#: DASY5-PG-1 | Run#: BL-FACE-220922-09
 Model#: AAH06UCN9RB1AN (IC Model: PMUF2000ABB)
 Phantom#: ELI4 1108
 Tissue Temp: 20.1(C)
 Serial#: 865EYN0267
 Antenna: AN000389A01
 Test Freq: 5745.0000 (MHz)
 Battery: PMNN4810A
 Carry Acc: None, Radio front @2.5cm
 Audio Acc: None
 Start Power: 0.0251 (W)

Comments:

Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz), Communication System UID: 10417 - AAC, Duty Cycle: 1:6.64967,

Medium parameters used: $f = 5745$ MHz; $\sigma = 4.78$ S/m; $\epsilon_r = 32$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 5745 MHz, ConvF(5.11, 5.11, 5.11) @ 5745 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

4-6 GHz-Rev.5/Full Face Scan/1-Area Scan (111x311x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm

Reference Value = 5.263 V/m; Power Drift = 0.93 dB

Fast SAR: SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.021 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.130 W/kg

4-6 GHz-Rev.5/Full Face Scan/2-Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.263 V/m; Power Drift = 0.44 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)

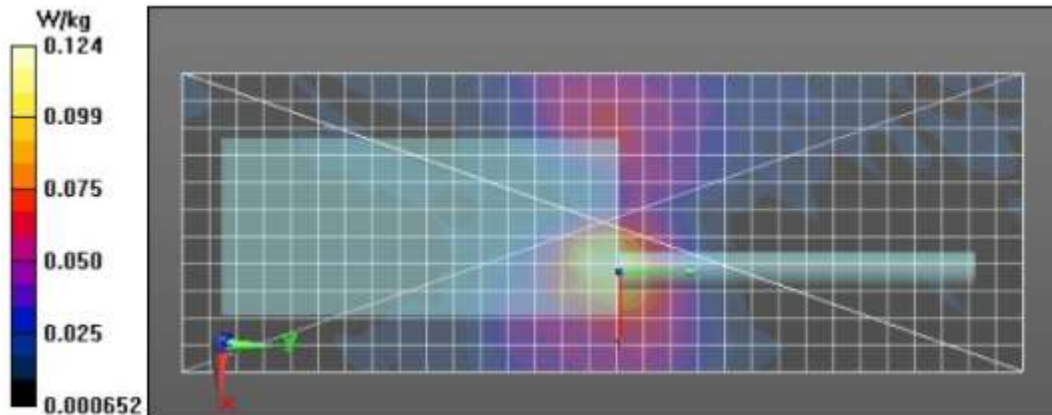
Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 53.5%

Maximum value of SAR (measured) = 0.130 W/kg

4-6 GHz-Rev.5/Full Face Scan/3-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.125 W/kg



Appendix F

Shorten Scan of Highest SAR Configuration

Table 70

Motorola Solutions, Inc. EME Laboratory

Date/Time: 8/13/2022 4:18:43 PM

Robot#: DASY5-PG-1 | Run#: BL-AB-220813-15
 Model#: AAH06UCC9RB1AN (IC Model: PMUF2001ABA)
 Phantom#: ELI4 1028
 Tissue Temp: 21.3 (C)
 Serial#: 865EYN0113
 Antenna: PMAF4010A
 Test Freq: 901.0000 (MHz)
 Battery: PMNN4809A
 Carry Acc: HLN6602A
 Audio Acc: None(BT)
 Start Power: 3.00 (W)

Comments: Shorten scan

Communication System Band: Rajang , Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 901$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7485, Calibrated: 4/25/2022, Frequency: 901 MHz, ConvF(10.26, 10.26, 10.26) @ 901 MHz

Electronics: DAE4 Sn850, Calibrated: 4/14/2022

Below 2 GHz-Rev.3/Ab Scan/1-Area Scan (71x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 94.08 V/m; Power Drift = -0.41 dB

Fast SAR: SAR(1 g) = 6.26 W/kg; SAR(10 g) = 4.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 8.03 W/kg

Below 2 GHz-Rev.3/Ab Scan/2-Volume 2D Scan (41x41x1): Interpolated grid: dx=0.7500 mm,

dy=0.7500 mm, dz=1.000 mm

Reference Value = 94.08 V/m; Power Drift = -0.46 dB

Fast SAR: SAR(1 g) = 6.21 W/kg; SAR(10 g) = 4.3 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 7.80 W/kg

Below 2 GHz-Rev.3/Ab Scan/3-Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,

dy=7.5mm, dz=5mm

Reference Value = 94.46 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 8.59 W/kg

SAR(1 g) = 6.03 W/kg; SAR(10 g) = 4.18 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

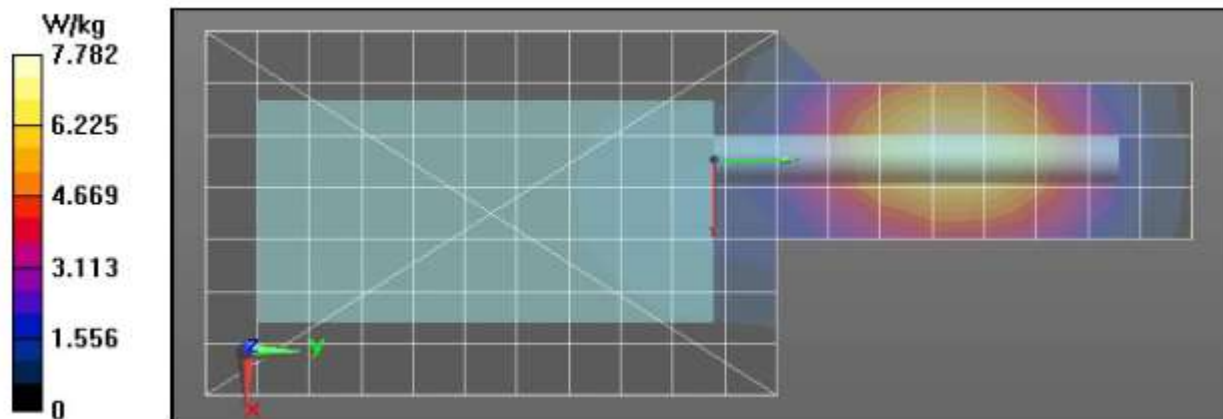
Ratio of SAR at M2 to SAR at M1 = 69.9%

Maximum value of SAR (measured) = 7.71 W/kg

Below 2 GHz-Rev.3/Ab Scan/4-Z-Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm,

dz=10mm

Maximum value of SAR (measured) = 7.70 W/kg



Shortened scan reflects highest SAR producing configuration and is compared to the full scan.

Scan Description	Referenced Table	Test Time (min.)	SAR 1g (W/kg)
Shorten scan (zoom)	70	7	3.29
Full scan (area & zoom)	60	30	3.87