



REPORT No.: SZ20090099S01

Annex D Plots of Maximum SAR Test Results

5G WLAN_Face Side_CH48_ANT A close_180 degrees

Communication System: UID 0, 5G WIFI (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium: HSL5100-5700 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.68$ S/m; $\epsilon_r = 34.688$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

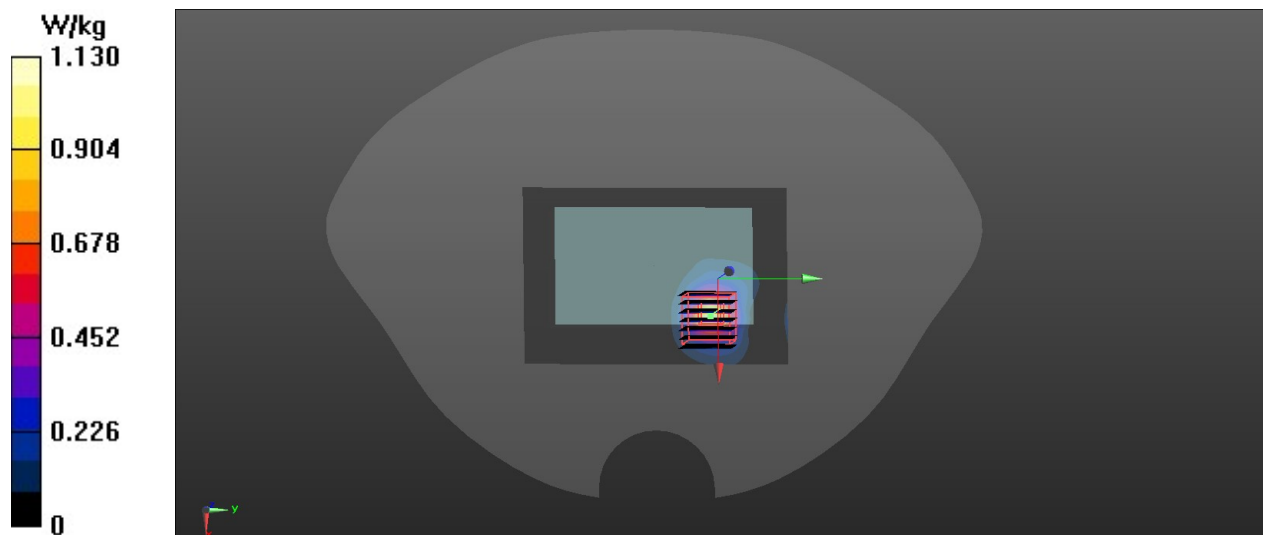
DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29) @ 5240 MHz; Calibrated: 2020.01.03
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2019.11.11
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

body/CH48/Area Scan (81x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.13 W/kg

body/CH48/Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 1.719 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



5G WLAN_Face Side_CH149_ANT A close_180 degrees

Communication System: UID 0, 5G WIFI (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL5650-5850 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.408$ S/m; $\epsilon_r = 35.965$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.9 °C

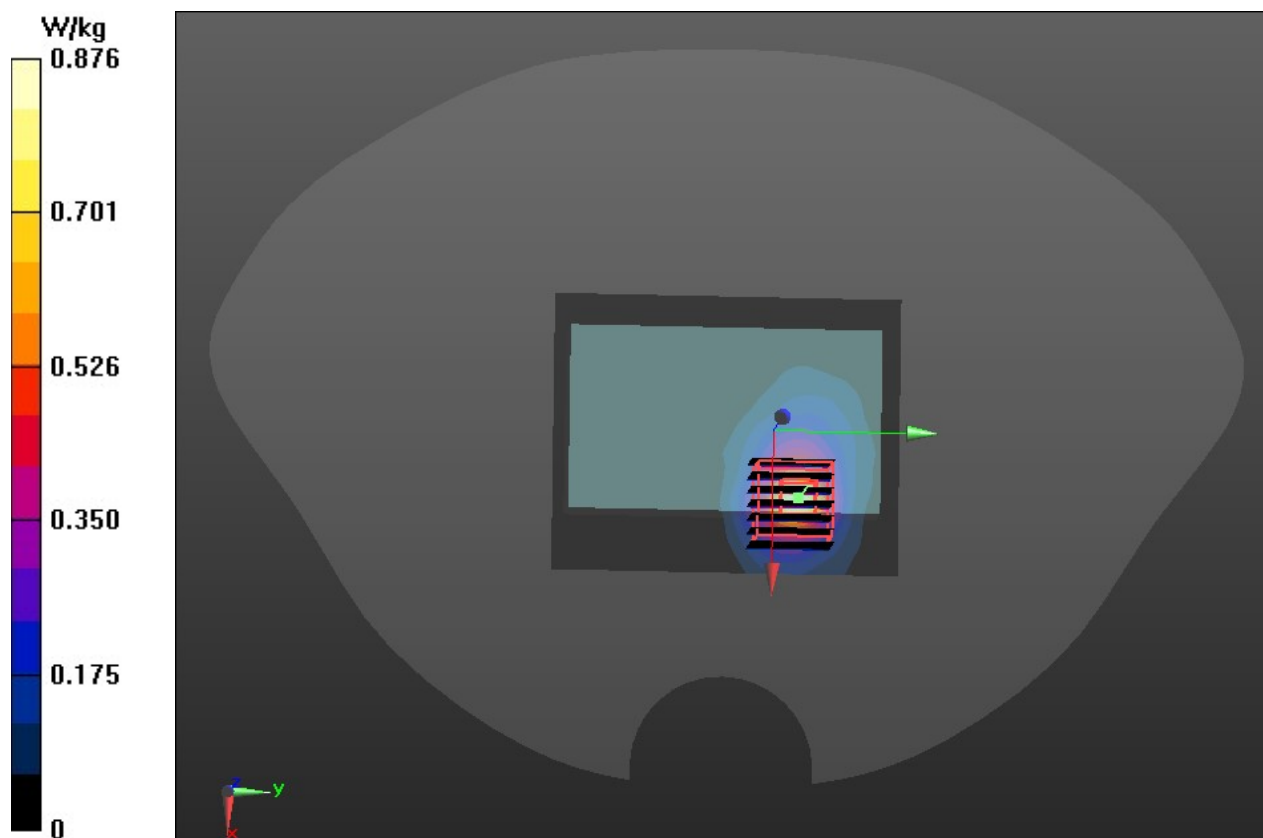
DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59) @ 5745 MHz; Calibrated: 2020.01.03
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2019.11.11
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

body/CH149/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.876 W/kg

body/CH149/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.933 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.878 W/kg



5G WLAN_Face Side_CH48_ANT B close_0 degrees

Communication System: UID 0, 5G WIFI (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium: HSL5100-5700 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.68$ S/m; $\epsilon_r = 34.688$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.2 °C

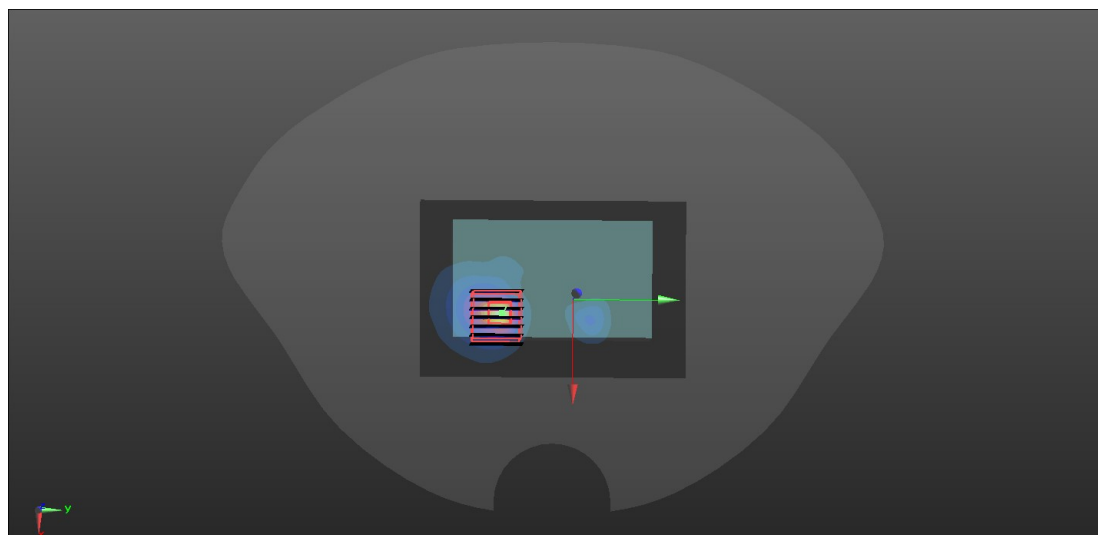
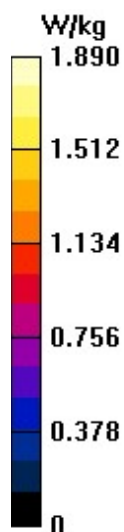
DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29) @ 5240 MHz; Calibrated: 2020.01.03
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2019.11.11
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

body/CH48/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.89 W/kg

body/CH48/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.858 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



5G WLAN_Face Side_CH149_ANT B open_45 degrees

Communication System: UID 0, 5G WIFI (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL5650-5850 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.408$ S/m; $\epsilon_r = 35.965$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59) @ 5745 MHz; Calibrated: 2020.01.03
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2019.11.11
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

body/CH149/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

body/CH149/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.939 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 1.18 W/kg

