

**Appendix 2 – Highest SAR Test Plots**

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## 4233ch / W-CDMA Band V

**DUT: Cellular Phone; Type: SH-03H; Serial: 004401115680460**

Frequency: 846.6 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 42.192$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.4, 6.4, 6.4); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Head/Left Touched/Area Scan (12x7x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.696 W/kg

**Head/Left Touched/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

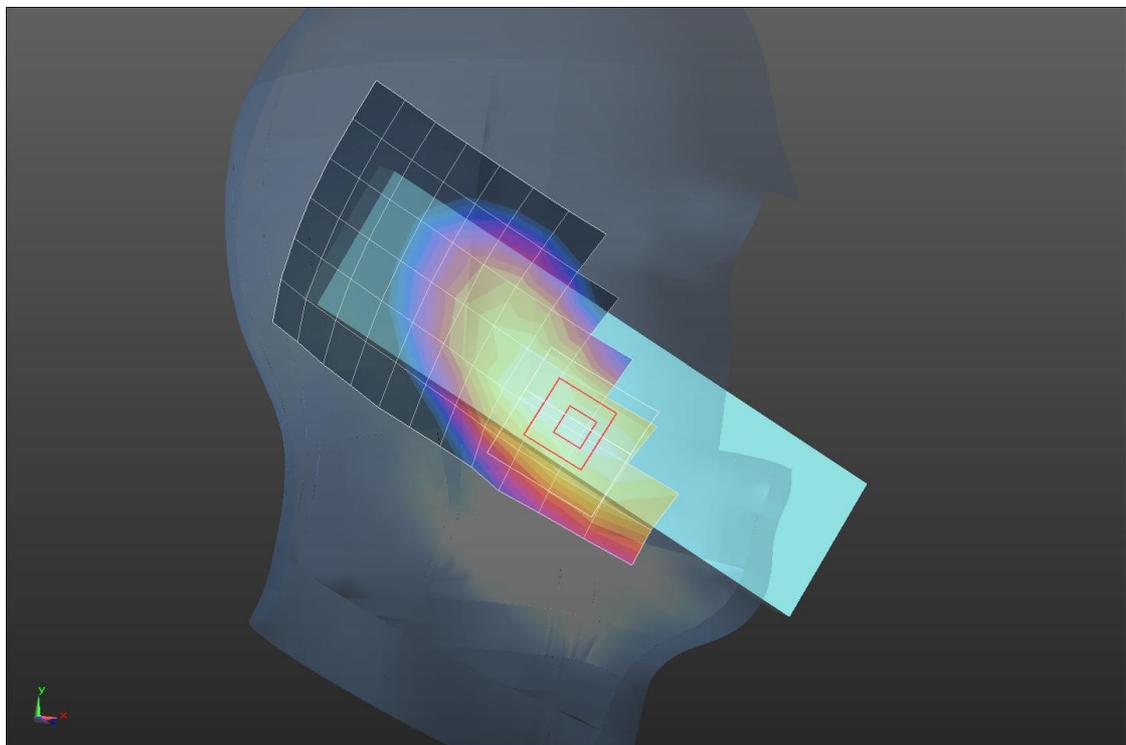
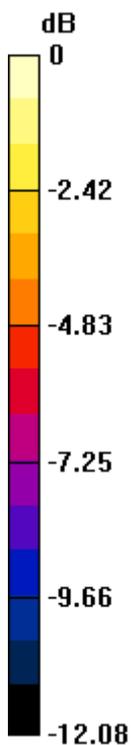
Reference Value = 25.01 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.920 W/kg

**SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.442 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.701 W/kg = -1.54 dBW/kg

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**DUT: Cellular Phone; Type: SH-03H; Serial: 004401115680460**

Frequency: 846.6 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.33, 6.33, 6.33); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Body/Rear/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.724 W/kg

**Body/Rear/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

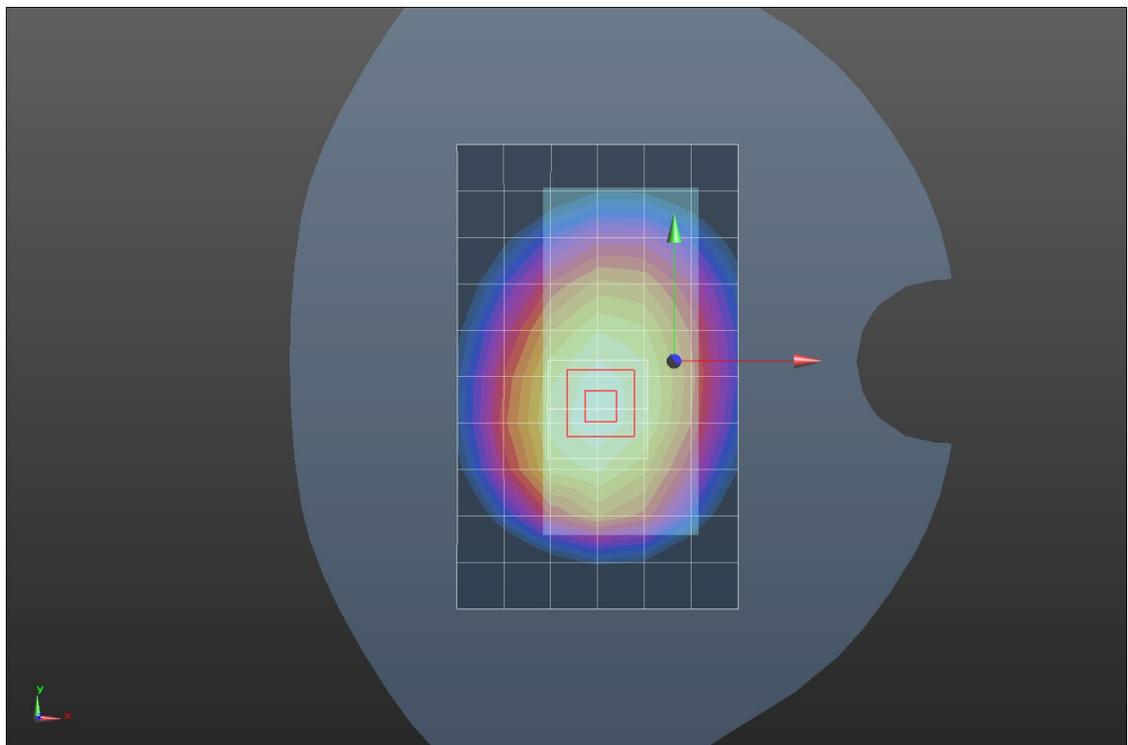
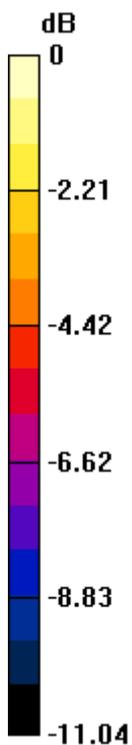
Reference Value = 25.84 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.900 W/kg

**SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.493 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg = -1.33 dBW/kg