

**#01\_WLAN5GHz\_802.11a 6Mbps\_Left Tilted\_Ch48**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.014

Medium: HSL\_5G\_150617 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 4.84$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(5.17, 5.17, 5.17); Calibrated: 2014/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch48/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.767 mW/g

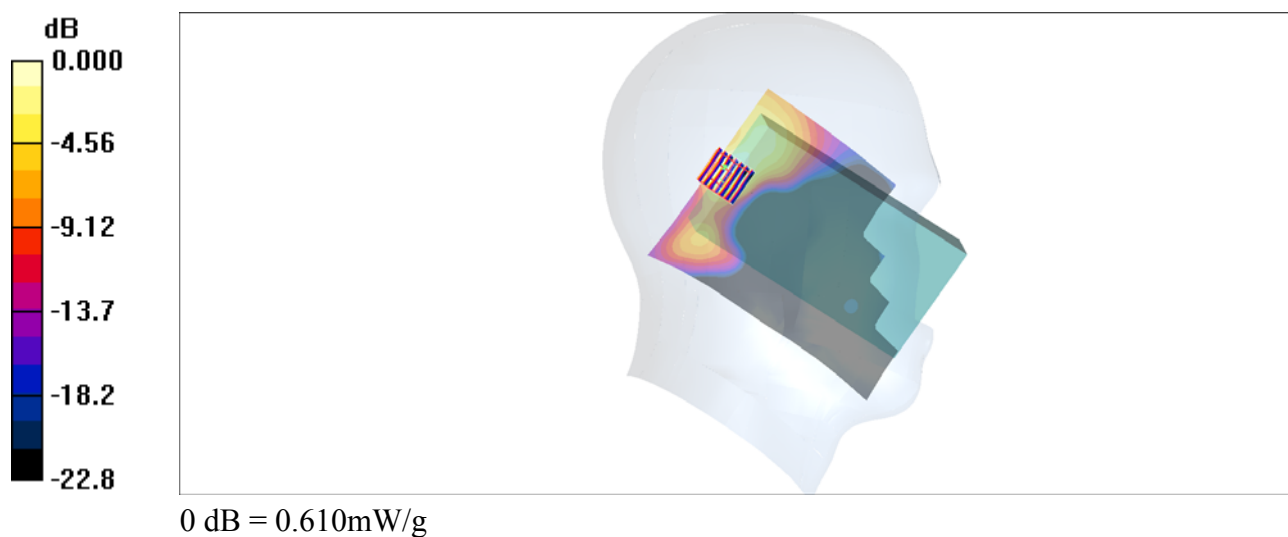
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.3 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.988 W/kg

**SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.610 mW/g



**#02\_WLAN5GHz\_802.11n-HT20 MCS0\_Left Tilted\_Ch157**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1.017

Medium: HSL\_5G\_150617 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(4.64, 4.64, 4.64); Calibrated: 2014/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch157/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.979 mW/g

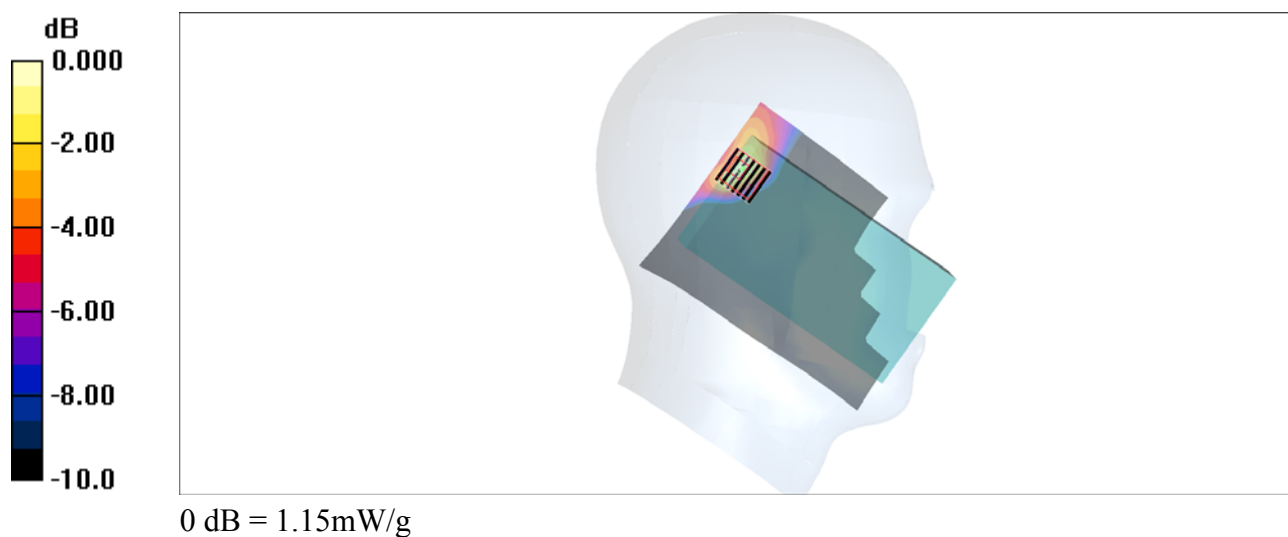
**Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.1 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.152 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



**#03\_WLAN5GHz\_802.11a 6Mbps\_Back\_15mm\_Ch48**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.014

Medium: MSL\_5G\_150617 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.37$  mho/m;  $\epsilon_r = 48.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(4.32, 4.32, 4.32); Calibrated: 2014/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch48/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.917 mW/g

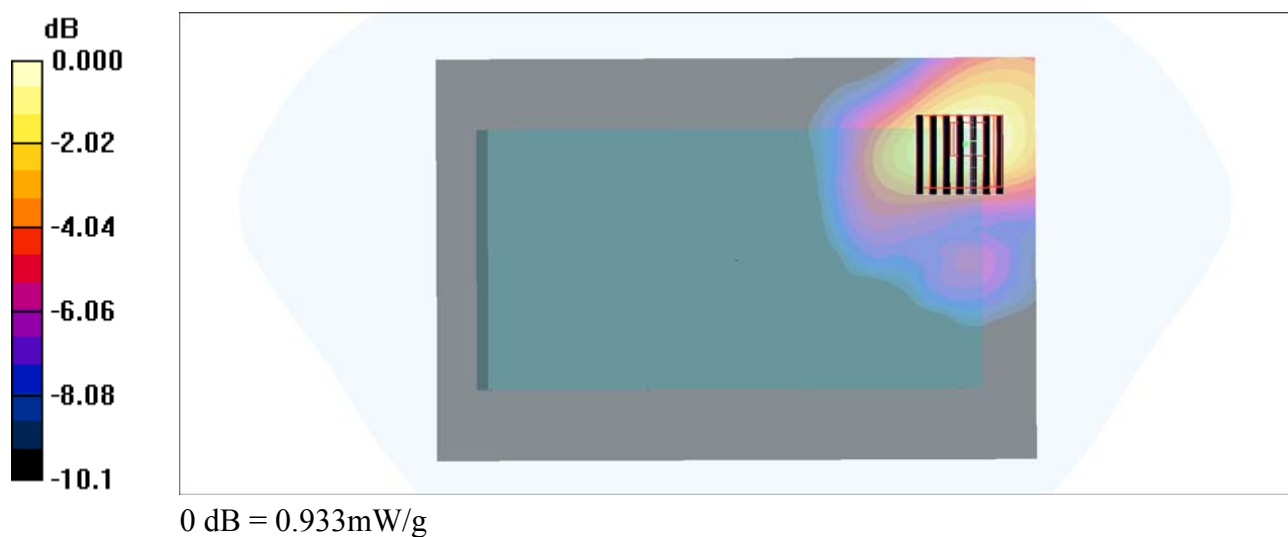
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.1 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.933 mW/g



**#04\_WLAN5GHz\_802.11n-HT20 MCS0\_Back\_15mm\_Ch157**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1.017

Medium: MSL\_5G\_150617 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 6.2$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(3.96, 3.96, 3.96); Calibrated: 2014/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch157/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.43 mW/g

**Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.7 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 2.80 W/kg

**SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.328 mW/g**

Maximum value of SAR (measured) = 1.67 mW/g

