

**Test Plot #1:2.4G Wi-Fi Horizontal-Up Middle CH6 (2020-04-17)**

**DUT: AMP Bridge; Type: AMP USB Bridge Wifi and RF; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.838 \text{ S/m}$ ;  $\epsilon_r = 39.901$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.41, 7.41, 7.41); Calibrated: 10/4/2019
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 6/13/2019
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**2.4G Wi-Fi/Horizontal-Up Middle/Area Scan (8x11x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (measured) = 0.146 W/kg

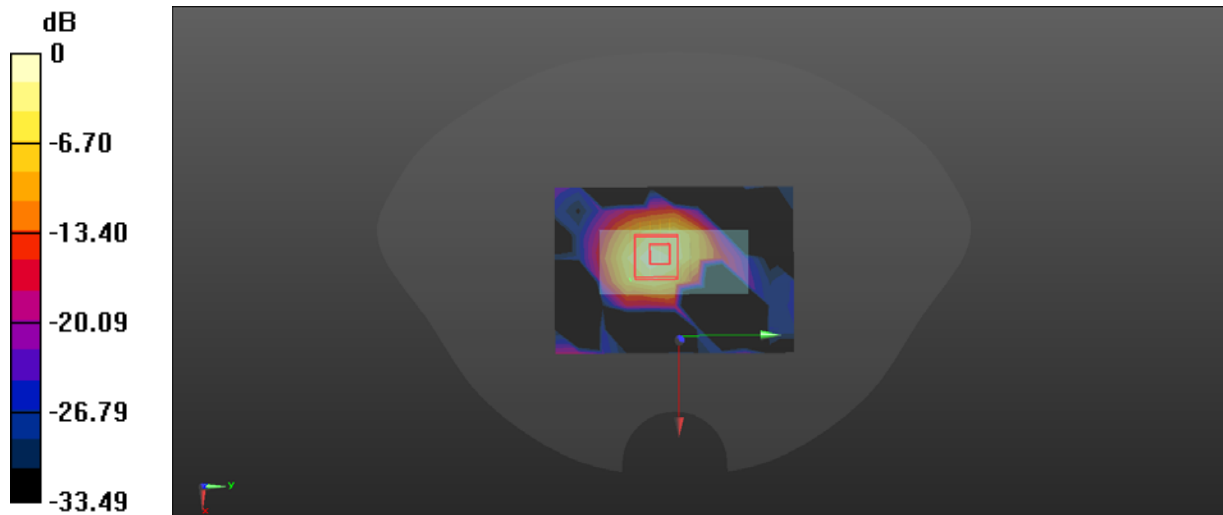
**2.4G Wi-Fi/Horizontal-Up Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.720 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.350 W/kg

**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.059 W/kg**

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -8.18 dBW/kg

**Test Plot #2:2.4G Wi-Fi Horizontal- Down Low CH1 (2020-04-17)**

**DUT: AMP Bridge; Type: AMP USB Bridge Wifi and RF; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.826 \text{ S/m}$ ;  $\epsilon_r = 39.925$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.41, 7.41, 7.41); Calibrated: 10/4/2019
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 6/13/2019
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**2.4G Wi-Fi/Horizontal-Down Low/Area Scan (8x11x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (measured) = 0.240 W/kg

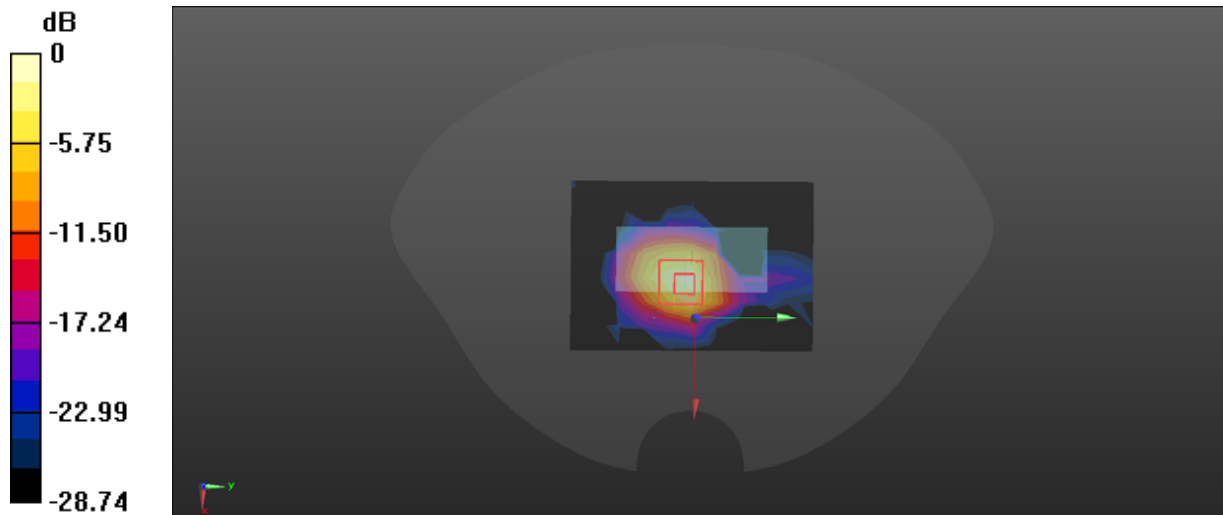
**2.4G Wi-Fi/Horizontal-Down Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  
 $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.353 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

**Test Plot #3:2.4G Wi-Fi Horizontal- Down Middle CH6 (2020-04-17)****DUT: AMP Bridge; Type: AMP USB Bridge Wifi and RF; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.838$  S/m;  $\epsilon_r = 39.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.41, 7.41, 7.41); Calibrated: 10/4/2019
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 6/13/2019
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**2.4G Wi-Fi/Horizontal-Down Middle/Area Scan (8x11x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.214 W/kg

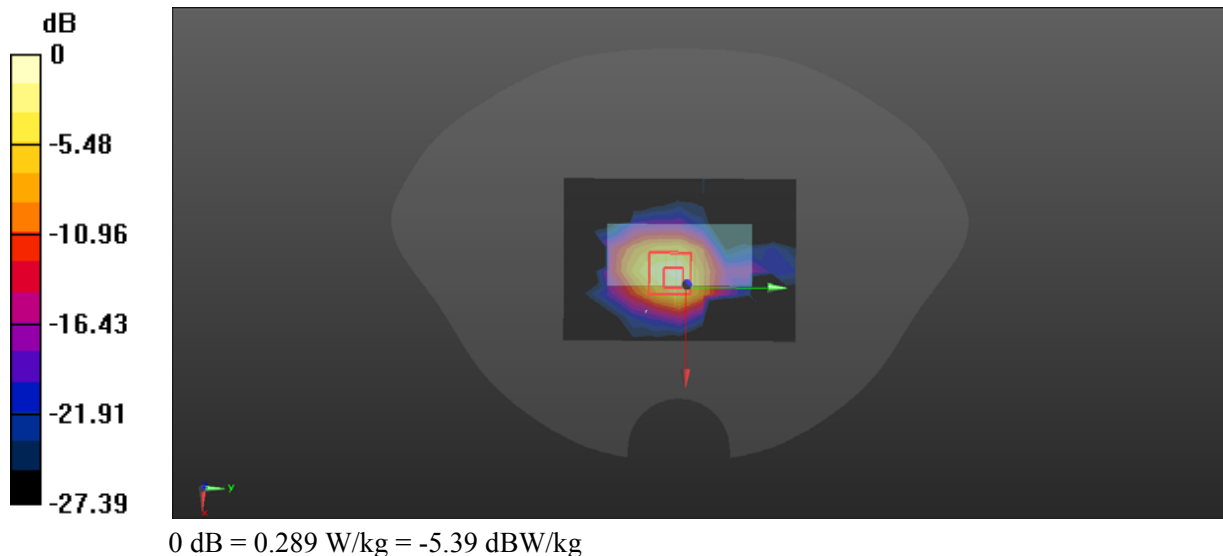
**2.4G Wi-Fi/Horizontal-Down Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm,  
dy=5mm, dz=5mm

Reference Value = 7.846 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.735 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.289 W/kg



**Test Plot #4:2.4G Wi-Fi Horizontal- Down High CH11 (2020-04-17)**

**DUT: AMP Bridge; Type: AMP USB Bridge Wifi and RF; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.851 \text{ S/m}$ ;  $\epsilon_r = 39.881$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.41, 7.41, 7.41); Calibrated: 10/4/2019
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 6/13/2019
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**2.4G Wi-Fi/Horizontal-Down High/Area Scan (8x11x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (measured) = 0.212 W/kg

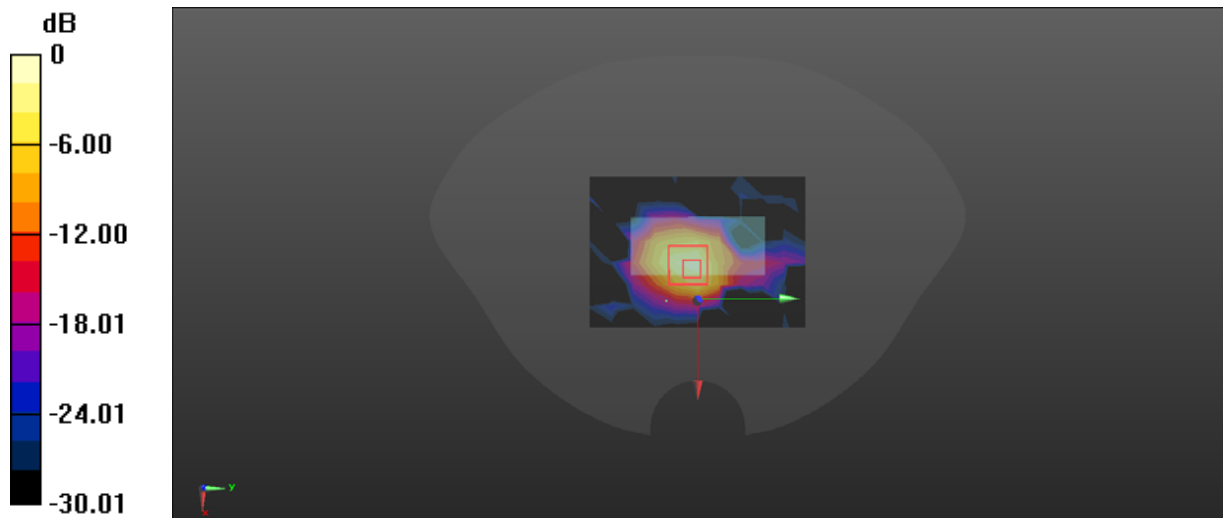
**2.4G Wi-Fi/Horizontal-Down High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  
 $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.006 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.748 W/kg

**SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.099 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

**Test Plot #5:2.4G Wi-Fi Vertical-Front Middle CH6 (2020-04-17)**

**DUT: AMP Bridge; Type: AMP USB Bridge Wifi and RF; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.838 \text{ S/m}$ ;  $\epsilon_r = 39.901$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.41, 7.41, 7.41); Calibrated: 10/4/2019
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 6/13/2019
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**2.4G Wi-Fi/Vertical-Front Middle/Area Scan (8x11x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (measured) = 0.114 W/kg

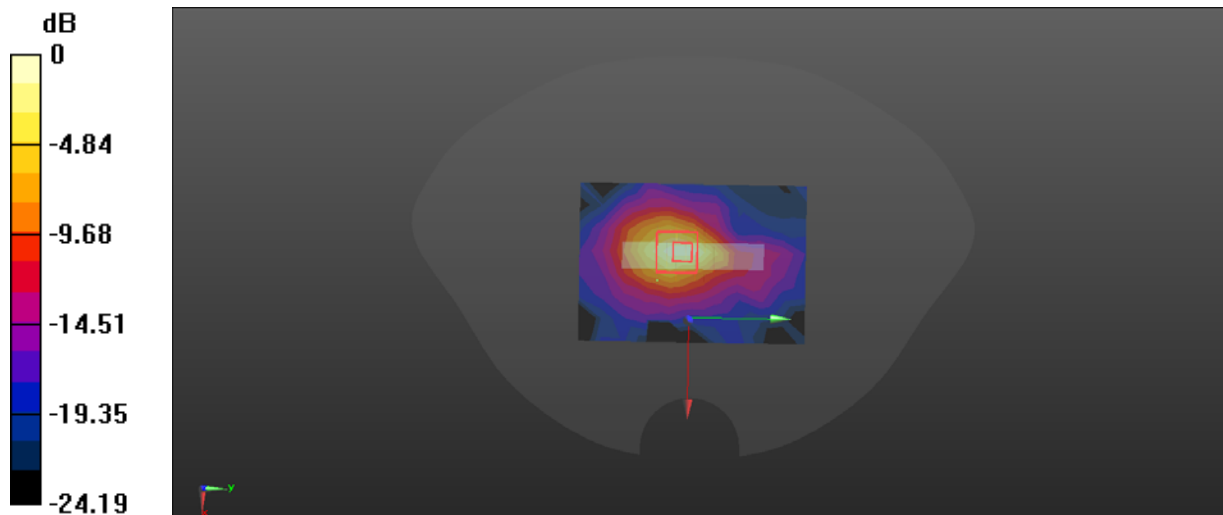
**2.4G Wi-Fi/Vertical-Front Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.229 V/m; Power Drift = 014 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg