

#05 802.11n(20M)_Bottom_0cm_Ch6_Ant B+C

DUT: 980406-03

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_100412 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.9 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (171x171x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.004 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.185 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00272 mW/g; SAR(10 g) = 0.000761 mW/g

Maximum value of SAR (measured) = 0.003 mW/g

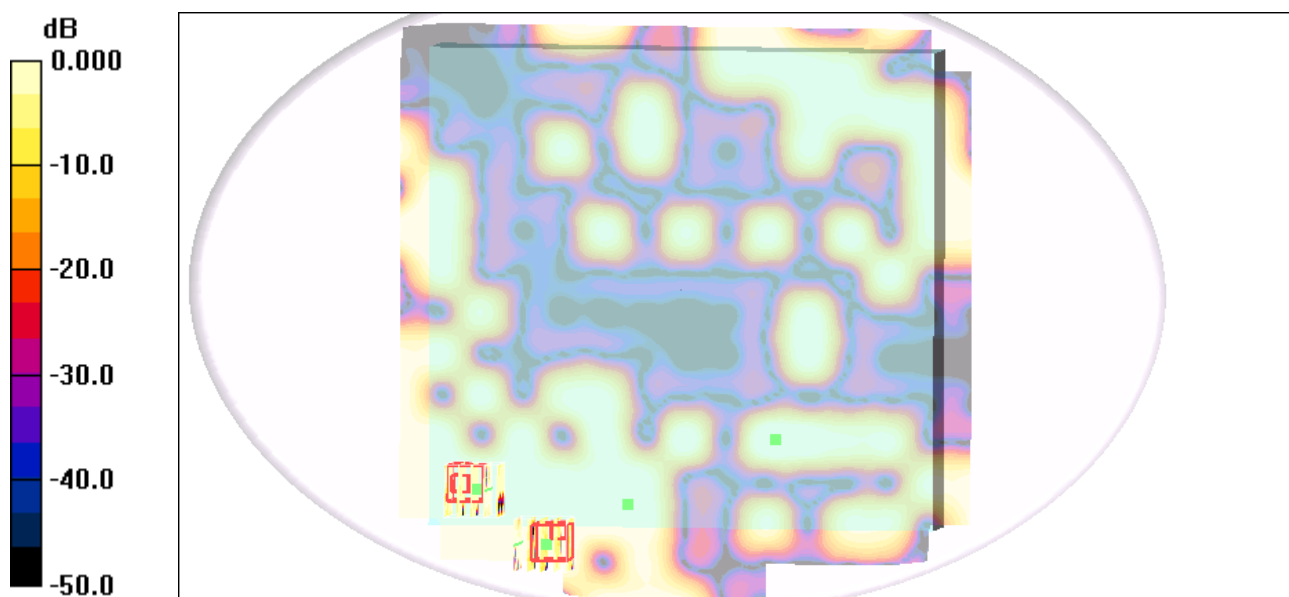
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.185 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.0004 mW/g; SAR(10 g) = 9.4e-005 mW/g

Maximum value of SAR (measured) = 0.001 mW/g



0 dB = 0.001mW/g

#05 802.11n(20M)_Bottom_0cm_Ch6_Ant B+C_2D

DUT: 980406-03

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_100412 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (171x171x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.004 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.185 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00272 mW/g; SAR(10 g) = 0.000761 mW/g

Maximum value of SAR (measured) = 0.003 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.185 V/m; Power Drift = -0.144 dB

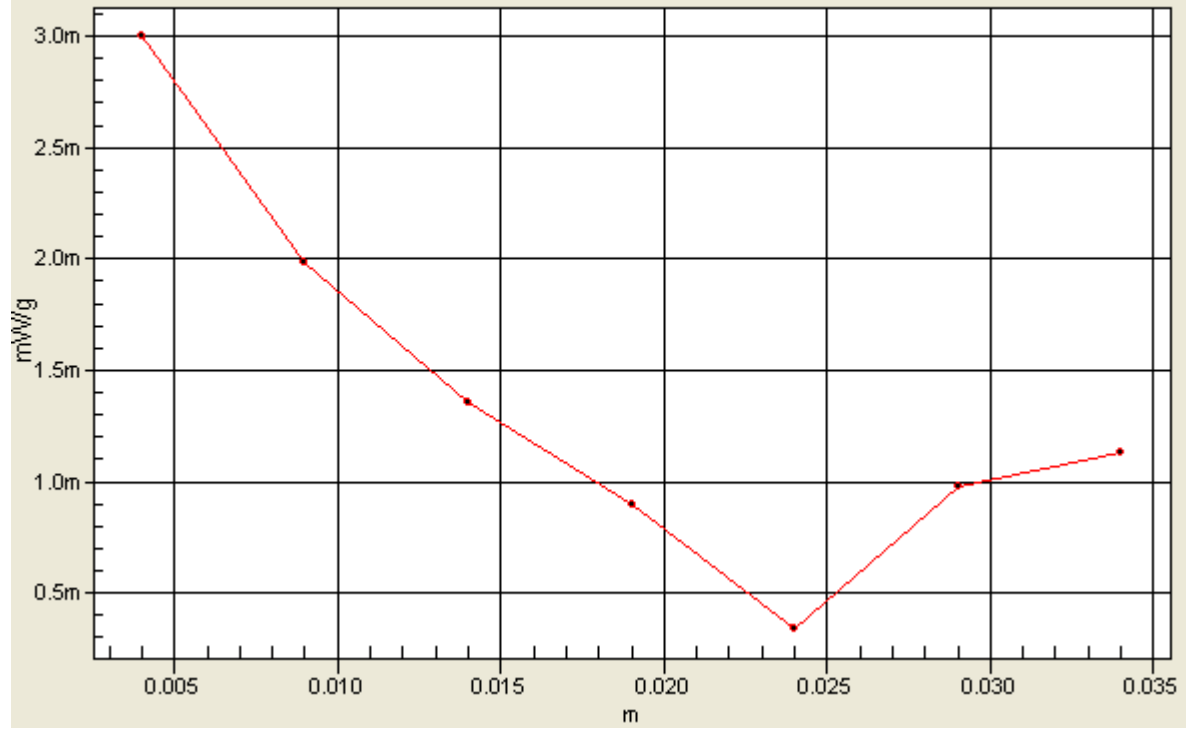
Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.0004 mW/g; SAR(10 g) = 9.4e-005 mW/g

Maximum value of SAR (measured) = 0.001 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=3



#22 802.11a_Bottom_0cm_Ch136_Ant C

DUT: 980406-03

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL_5G_100416 Medium parameters used: $f = 5680$ MHz; $\sigma = 6$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(3.66, 3.66, 3.66); Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch136/Area Scan (361x421x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.150 mW/g

Ch136/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.44 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.204 mW/g

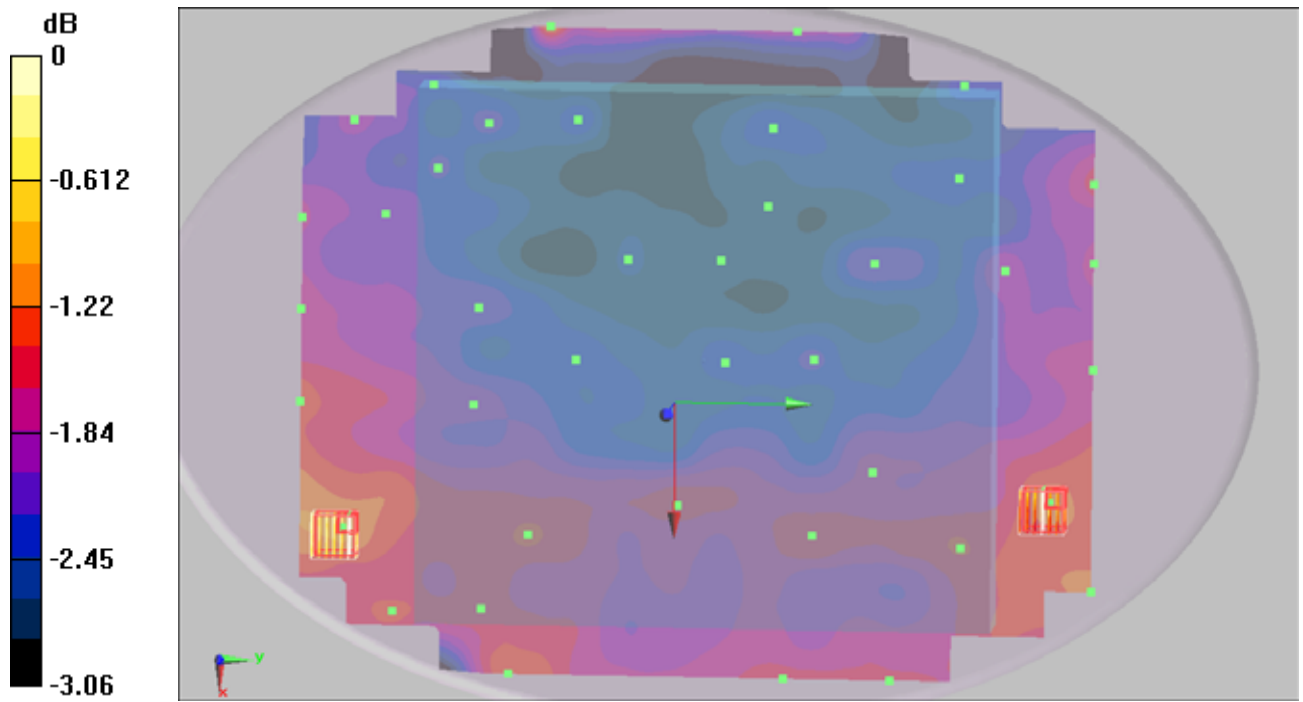
Ch136/Zoom Scan (7x7x9)/Cube 2: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.44 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.186 mW/g



0 dB = 0.186mW/g

#22 802.11a_Bottom_0cm_Ch136_Ant C_2D

DUT: 980406-03

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL_5G_100416 Medium parameters used: $f = 5680$ MHz; $\sigma = 6$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(3.66, 3.66, 3.66); Calibrated: 2010/1/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch136/Area Scan (361x421x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.150 mW/g

Ch136/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.44 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.204 mW/g

Ch136/Zoom Scan (7x7x9)/Cube 2: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.44 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.186 mW/g

