

Test Laboratory: Bureau Veritas ADT

Vertical front-11b-Ch1-180 degree

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ;

Type: WLI-UC-G300HP-V1

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ;

Modulation type: DBPSK

Medium: MSL2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.93 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Separation distance : 5 mm (The Vertical front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV4 - SN3590 ; ConvF(8.2, 8.2, 8.2) ; Calibrated: 2010/3/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 1/Area Scan (4x11x1): Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$

Maximum value of SAR (measured) = 1.23 mW/g

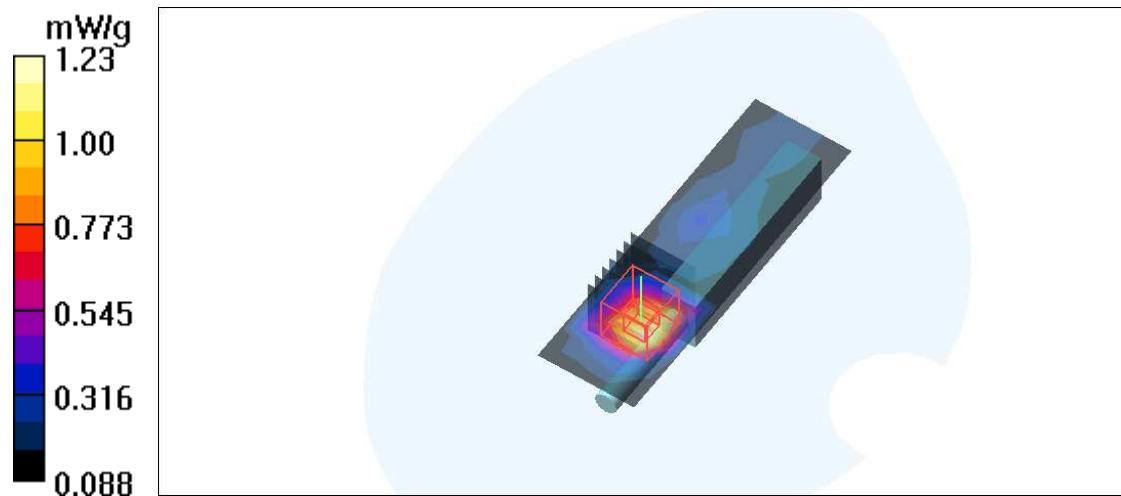
Low Channel 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 9.92 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.536 mW/g

Maximum value of SAR (measured) = 1.42 mW/g



Test Laboratory: Bureau Veritas ADT

Vertical front-11b-Ch1-180 degree-Step Size

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ;

Type: WLI-UC-G300HP-V1

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ;

Modulation type: DBPSK

Medium: MSL2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.93 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Separation distance : 5 mm (The Vertical front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV4 - SN3590 ; ConvF(8.2, 8.2, 8.2) ; Calibrated: 2010/3/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2010/1/22
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 1/Area Scan (10x31x1): Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$

Maximum value of SAR (measured) = 1.45 mW/g

Low Channel 1/Zoom Scan(13x13x17)/Cube 0: Measurement grid:

$dx=2.5\text{mm}$, $dy=2.5\text{mm}$, $dz=1.5\text{mm}$

Reference Value = 10.18 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.095 mW/g; SAR(10 g) = 0.515 mW/g

Maximum value of SAR (measured) = 1.46 mW/g

