



# ELEMENT

**DUT: Dipole 3500 MHz; Type: D3500V2; Serial: 1055**

Communication System: UID 0, CW; Frequency: 3500 MHz; Duty Cycle: 1:1  
 Medium: 3500-3700 Body; Medium parameters used:  
 $f = 3500 \text{ MHz}$ ;  $\sigma = 3.361 \text{ S/m}$ ;  $\epsilon_r = 49.468$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section ; Space: 1.0 cm

Test Date: 07/08/2021; Ambient Temp: 24.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7427; ConvF(5.99, 5.99, 5.99) @ 3500 MHz; Calibrated: 2/17/2021  
 Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
 Electronics: DAE4 Sn1403; Calibrated: 2/11/2021  
 Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179  
 Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

## 3500 MHz System Verification at 20.0 dBm (100 mW)

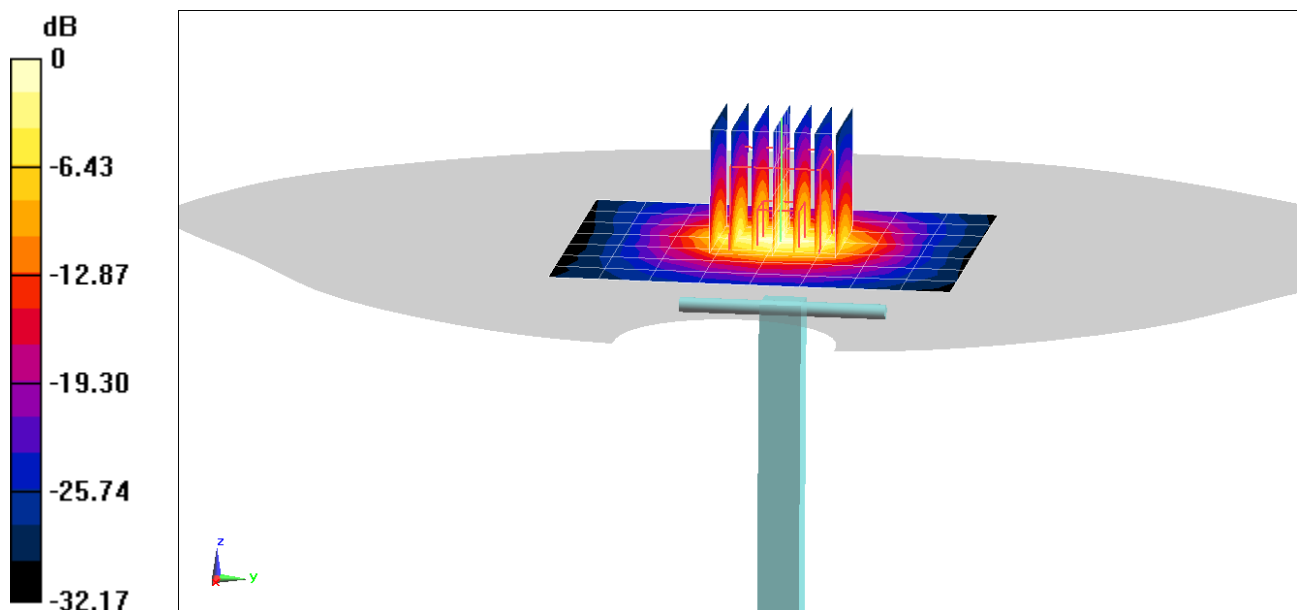
**Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Peak SAR (extrapolated) = 17.8 W/kg

**SAR(1 g) = 6.89 W/kg**

Deviation(1 g) = 6.00%



0 dB = 13.3 W/kg = 11.24 dBW/kg

# ELEMENT

**DUT: Dipole 3700 MHz; Type: D3700V2; Serial: 1002**

Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1  
Medium: 3500-3700 Body; Medium parameters used:  
 $f = 3700$  MHz;  $\sigma = 3.573$  S/m;  $\epsilon_r = 49.263$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Space: 1.0 cm

Test Date: 07/08/2021; Ambient Temp: 24.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7427; ConvF(5.93, 5.93, 5.93) @ 3700 MHz; Calibrated: 2/17/2021  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1403; Calibrated: 2/11/2021  
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

## 3700 MHz System Verification at 20.0 dBm (100 mW)

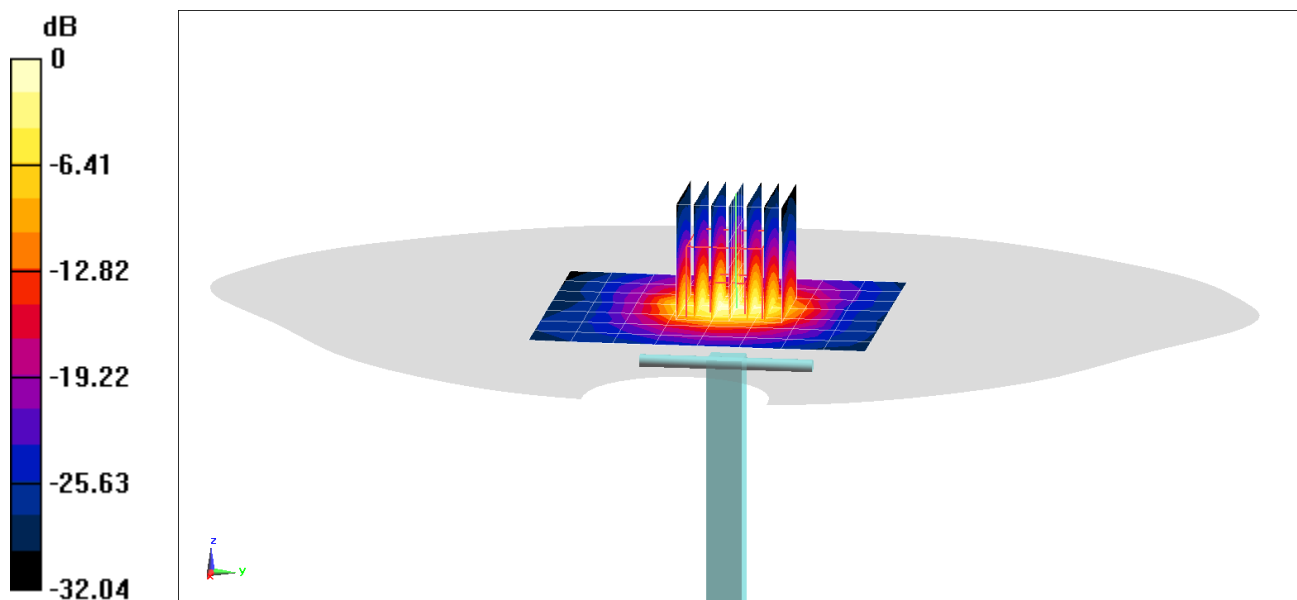
**Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 6.84 W/kg**

Deviation(1 g) = 5.72%



0 dB = 13.7 W/kg = 11.37 dBW/kg