

## ANNEX C System Check Results

Date: 2019/7/26

### System Check\_H1900

#### DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**system check/Area Scan (51x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 5.11 mW/g

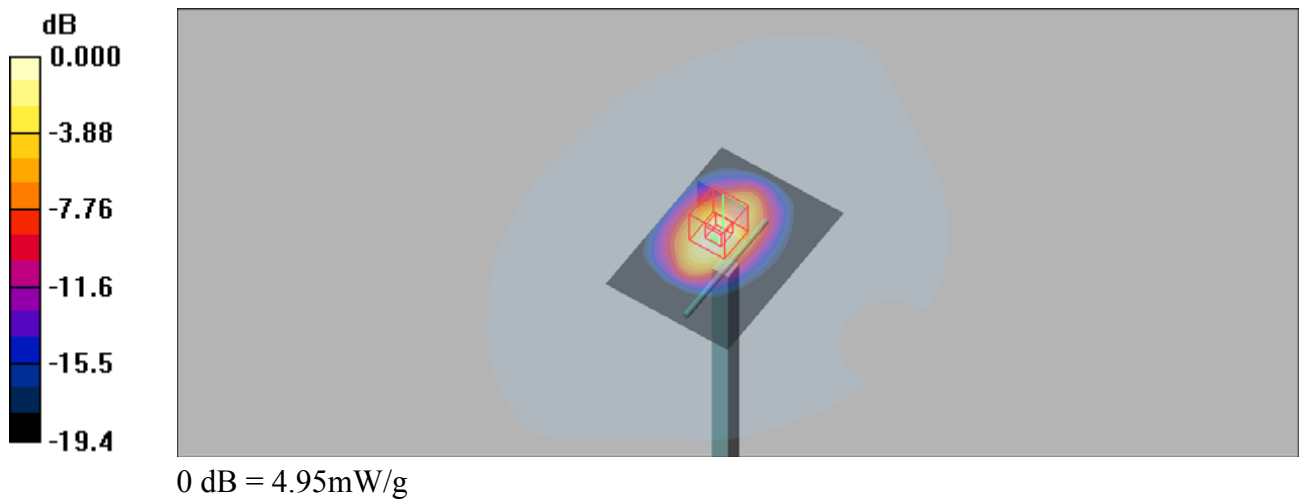
**system check/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.0 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 7.31 W/kg

**SAR(1 g) = 3.94 mW/g; SAR(10 g) = 2.03 mW/g**

Maximum value of SAR (measured) = 4.95 mW/g



## System Check\_H2450

### DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**system check/Area Scan (51x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 7.59 mW/g

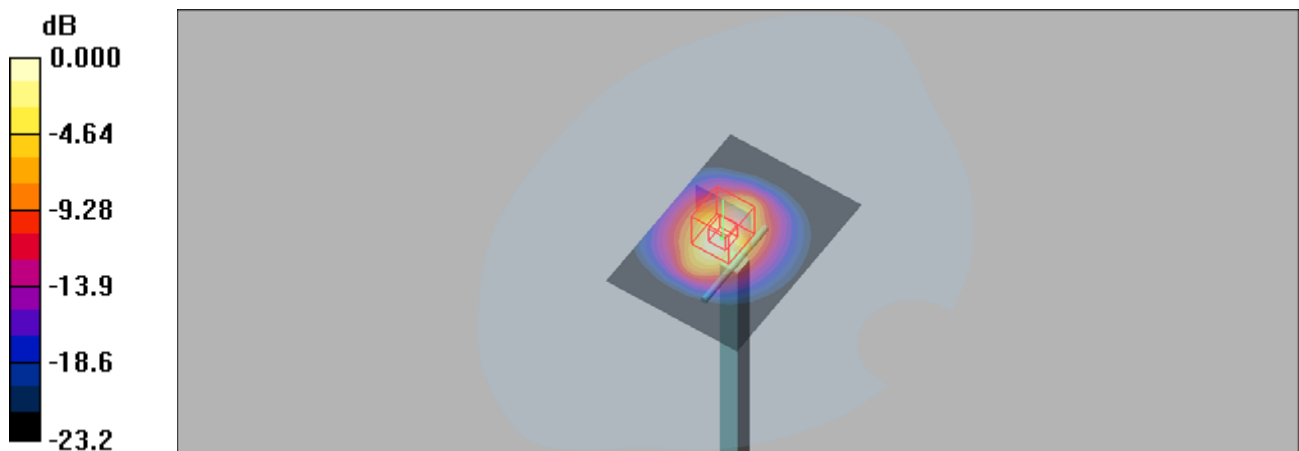
**system check/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 50.6 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 5.1 mW/g; SAR(10 g) = 2.33 mW/g**

Maximum value of SAR (measured) = 6.70 mW/g



0 dB = 6.70mW/g

## System Check\_H2600

Date: 2019/7/25

### DUT: Dipole 2600 MHz

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: H2600 Medium parameters used:  $f = 2500$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**system check/Area Scan (51x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 9.39 mW/g

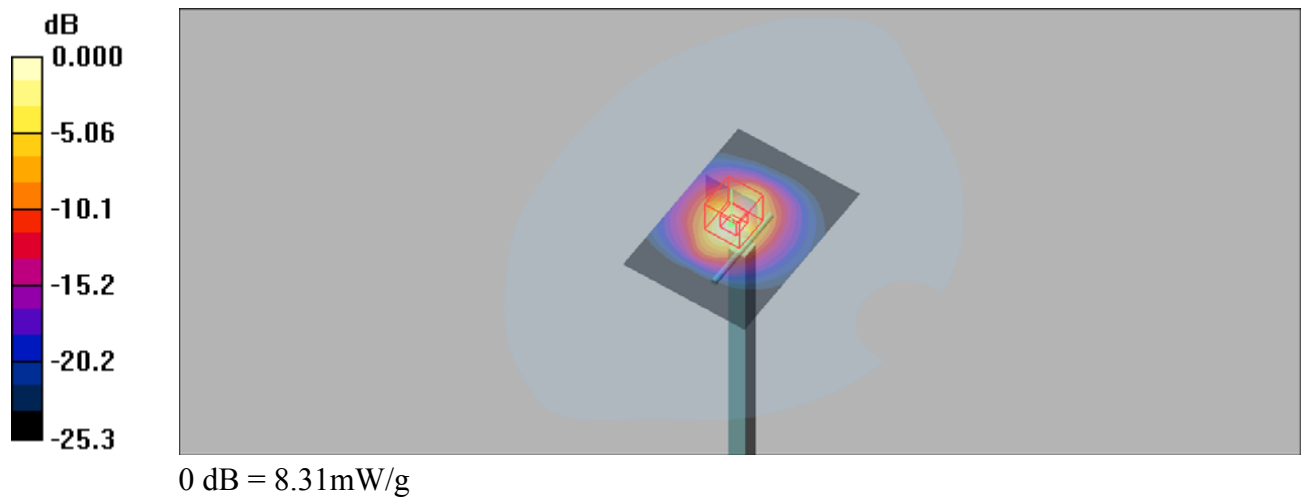
**system check/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 54.4 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 14.3 W/kg

**SAR(1 g) = 6.03 mW/g; SAR(10 g) = 2.71 mW/g**

Maximum value of SAR (measured) = 8.31 mW/g



## System Check\_B1900

### DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.79, 4.79, 4.79); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**system check/Area Scan (51x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 6.15 mW/g

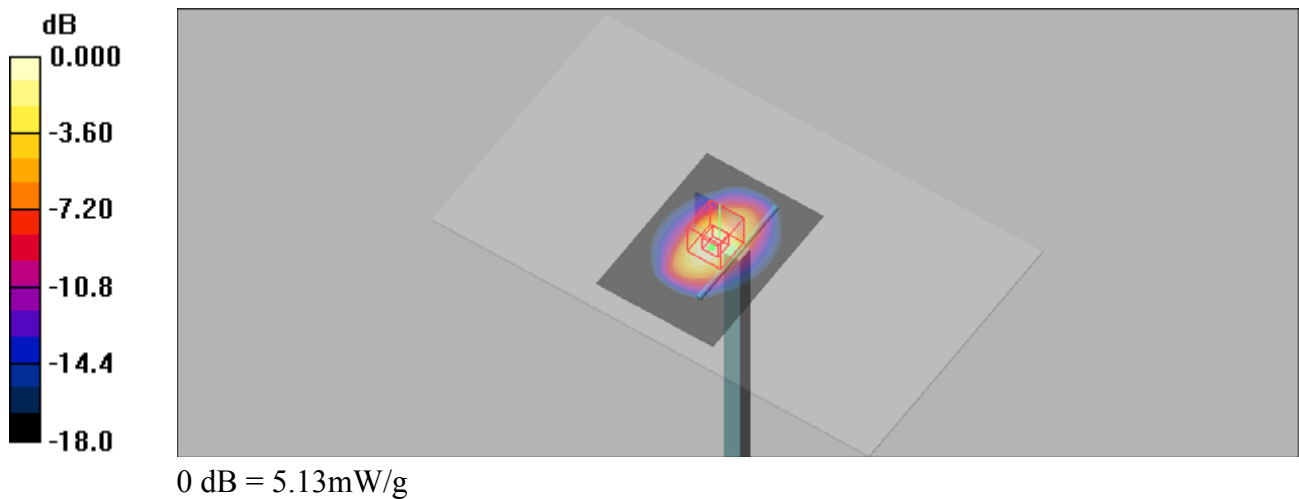
**system check/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.7 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 7.45 W/kg

**SAR(1 g) = 4.16 mW/g; SAR(10 g) = 2.18 mW/g**

Maximum value of SAR (measured) = 5.13 mW/g



## System Check\_B2450

### DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: B2450 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.47, 4.47, 4.47); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**system check/Area Scan (51x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 6.23 mW/g

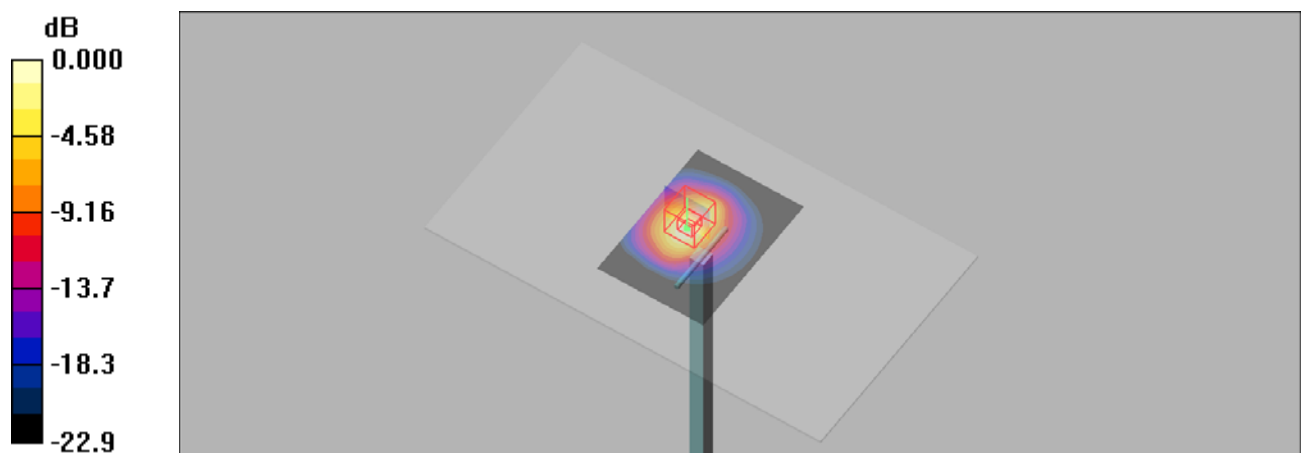
**system check/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 33.8 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 9.42 W/kg

**SAR(1 g) = 4.8 mW/g; SAR(10 g) = 2.18 mW/g**

Maximum value of SAR (measured) = 5.82 mW/g



0 dB = 5.82mW/g

## System Check\_B2600

### DUT: Dipole 2600 MHz

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: B2600 Medium parameters used:  $f = 2500$  MHz;  $\sigma = 2.08$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.47, 4.47, 4.47); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**system check/Area Scan (51x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 7.43 mW/g

**system check/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 42.6 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 11.8 W/kg

**SAR(1 g) = 5.43 mW/g; SAR(10 g) = 2.28 mW/g**

Maximum value of SAR (measured) = 6.91 mW/g

