Appendix A

System Validation Plots

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1. D2450V2-SN: 904 Validation Plot

Date: 29.08.2022

Test Laboratory: Tianjin Dongdian Testing ServiceCO.,Ltd

2450

DUT: Dipole 2450 MHz D2450V2; Serial: D2450V2 - SN:904

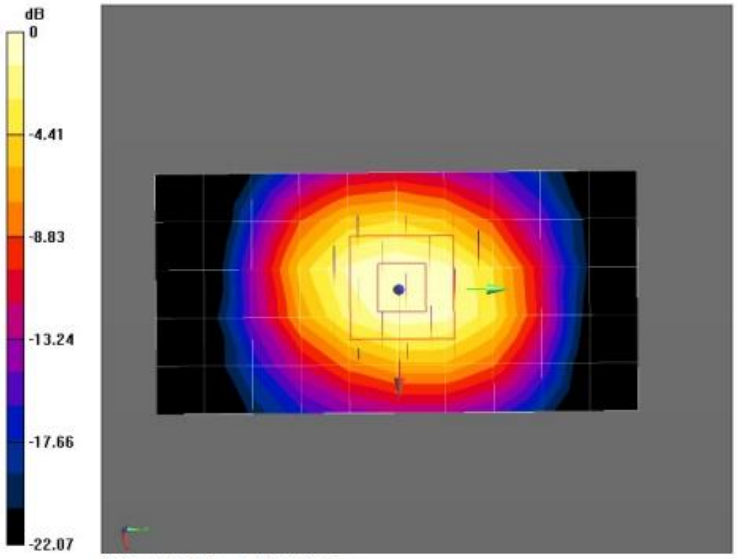
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2450 MHz; σ = 1.762 S/m; ε_r = 37.28; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/tilt/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 15.1 W/kg

Configuration/tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.06 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 27.0 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.06 W/kg
Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg

2. D5GHzV2-SN: 1148 Validation Plot

Date: 30.08.2022

Test Laboratory: Tianjin Dongdian Testing ServiceCO.,Ltd

5200M

DUT: Dipole D5GHzV2; Serial: D5GHzV2 - SN:1148

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 5200 MHz; σ = 4.487 S/m; ε_r = 36.96; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

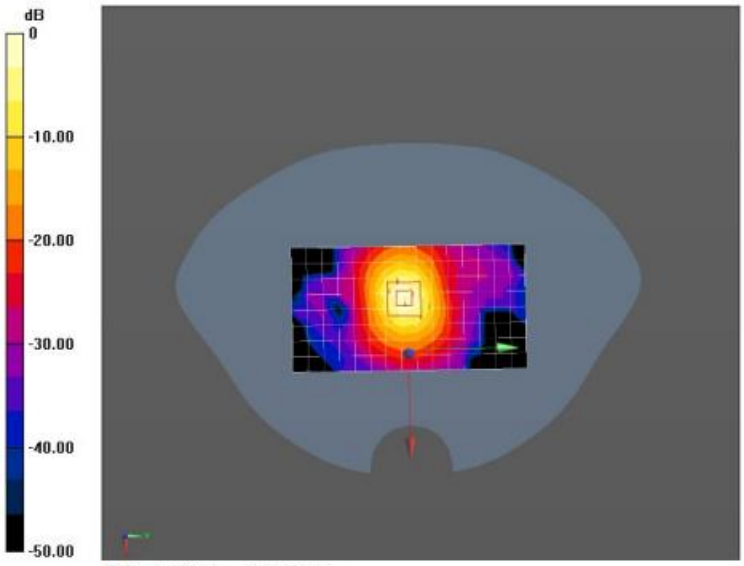
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.7, 5.7, 5.7); Calibrated: 27.02.2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/tilt 2/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.55 W/kg

Configuration/tilt 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.72 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 40.4 W/kg
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.14 W/kg

Maximum value of SAR (measured) = 7.76 W/kg



0 dB = 7.76 W/kg = 8.90 dBW/kg

Date: 30.08.2022

Test Laboratory: Tianjin Dongdian Testing ServiceCO.,Ltd

5300M

DUT: Dipole D5GHzV2; Serial: D5GHzV2 - SN:1148

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5300 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 5300 MHz; σ = 4.628 S/m; ε_r = 36.7; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

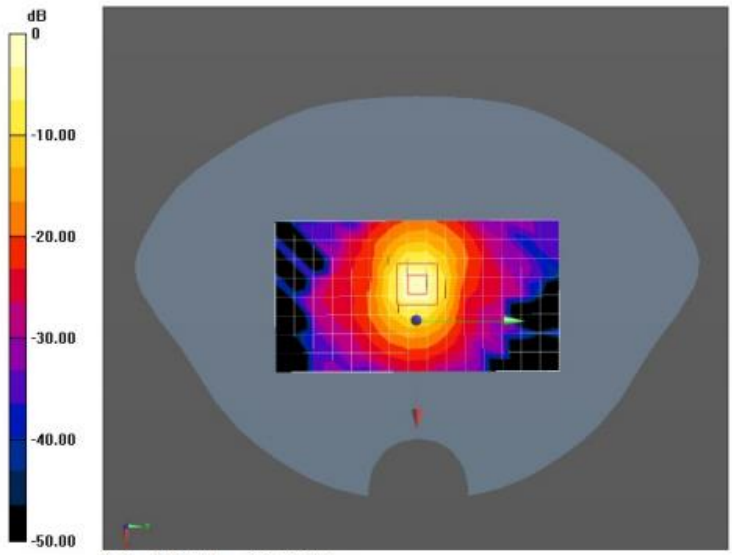
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.51, 5.51, 5.51); Calibrated: 27.02.2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/tilt 2/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.89 W/kg

Configuration/tilt 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.43 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 42.7 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.17 W/kg

Maximum value of SAR (measured) = 8.08 W/kg



0 dB = 8.08 W/kg = 9.07 dBW/kg

Date: 31.08.2022

Test Laboratory: Tianjin Dongdian Testing ServiceCO.,Ltd

5500M

DUT: Dipole D5GHzV2; Serial: D5GHzV2 - SN:1148

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5500 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 5500 MHz; σ = 4.822 S/m; ε_r = 35.94; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

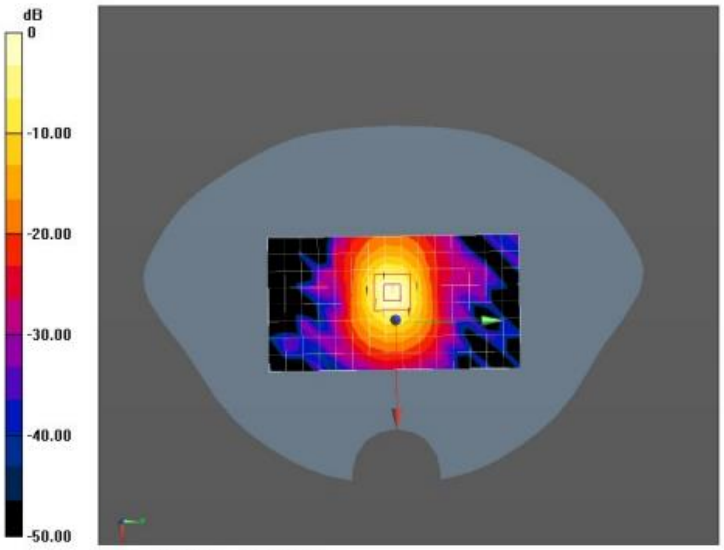
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.14, 5.14, 5.14); Calibrated: 27.02.2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/tilt 2 2/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.47 W/kg

Configuration/tilt 2 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.68 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 47.8 W/kg
SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.23 W/kg

Maximum value of SAR (measured) = 7.88 W/kg



0 dB = 7.88 W/kg = 8.97 dBW/kg

Date: 31.08.2022

Test Laboratory: Tianjin Dongdian Testing ServiceCO.,Ltd

5600M

DUT: Dipole D5GHzV2; Serial: D5GHzV2 - SN:1148

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5600 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 5600 MHz; σ = 4.92 S/m; ε_r = 35.75; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

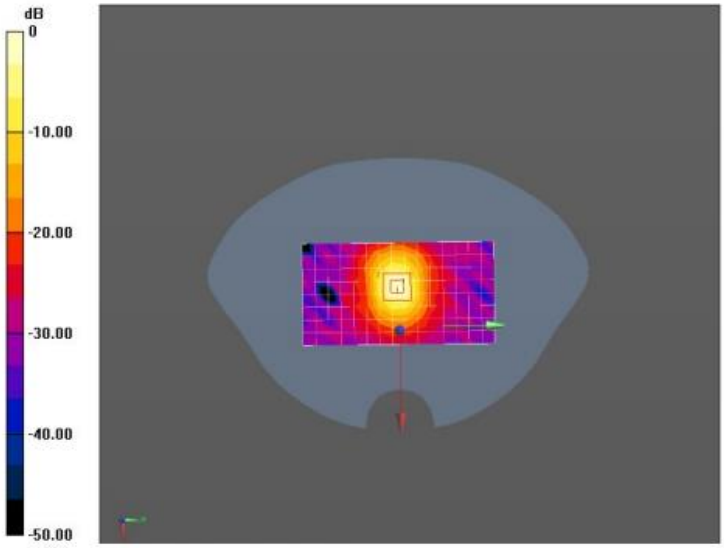
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(4.99, 4.99, 4.99); Calibrated: 27.02.2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/tilt 2/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.82 W/kg

Configuration/tilt 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.69 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 49.1 W/kg
SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (measured) = 7.36 W/kg



0 dB = 7.36 W/kg = 8.67 dBW/kg

Date: 31.08.2022

Test Laboratory: Tianjin Dongdian Testing ServiceCO.,Ltd

5800M

DUT: Dipole D5GHzV2; Serial: D5GHzV2 - SN:1148

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 5800 MHz; σ = 5.121 S/m; ε_r = 35.31; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

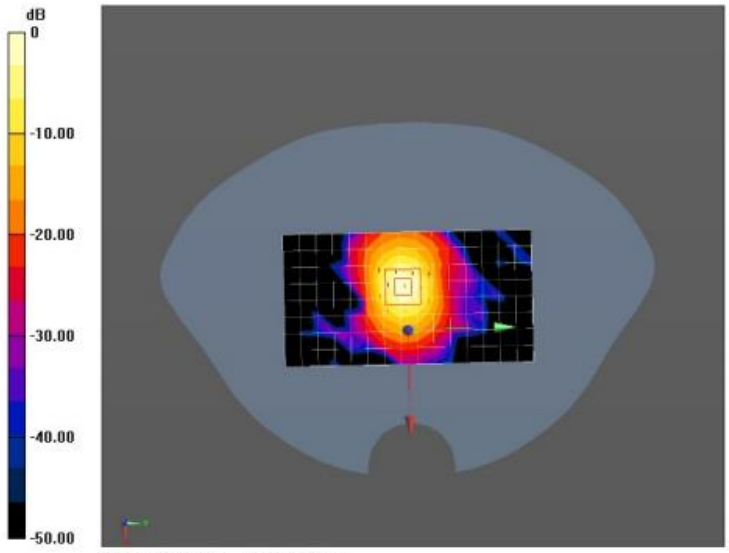
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(4.96, 4.96, 4.96); Calibrated: 27.02.2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/tilt 2/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.28 W/kg

Configuration/tilt 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.10 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 49.8 W/kg
SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 6.97 W/kg



0 dB = 6.97 W/kg = 8.43 dBW/kg