Test Plot 1#: SDR 2.4G 1.4MHz_Handheld Right_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

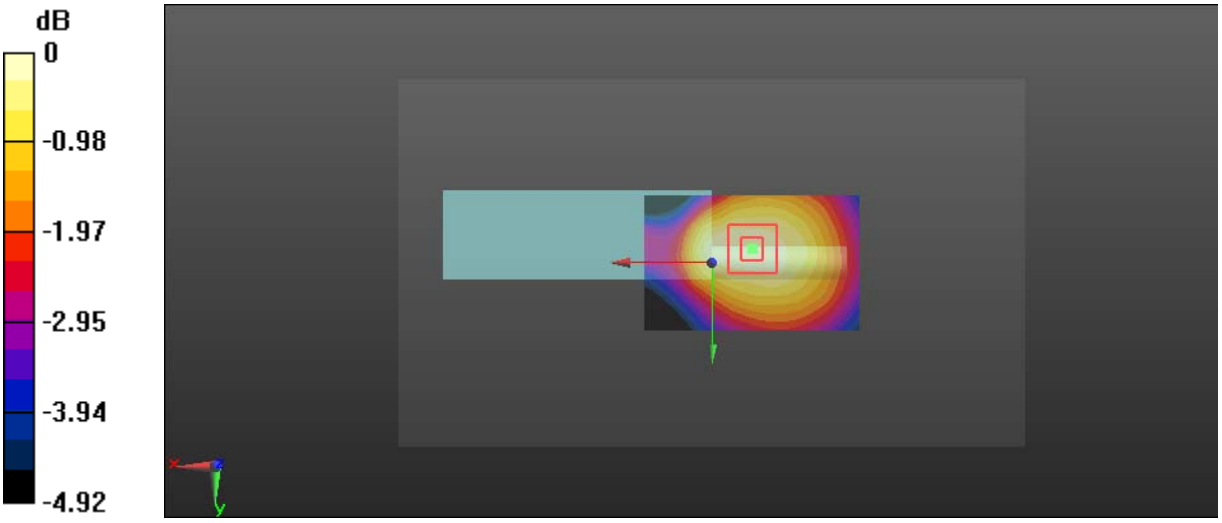
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.179 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.695 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Test Plot 2#: SDR 2.4G 1.4MHz_Handheld Front_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

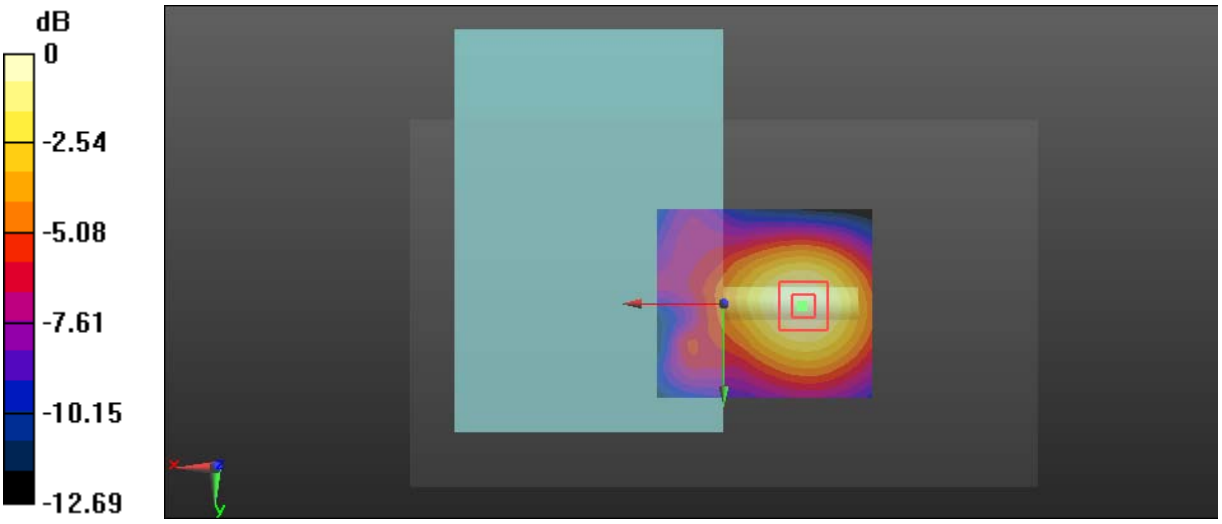
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.431 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.910 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

Test Plot 3#: SDR 2.4G 1.4MHz_Handheld Front Fold_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

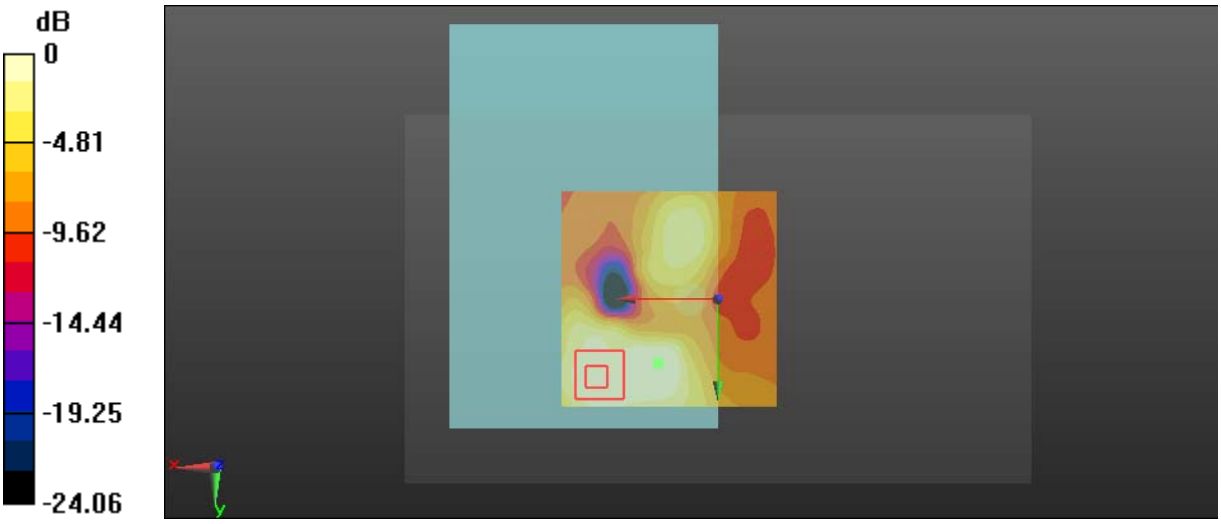
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0852 W/kg

Zoom Scan (8x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.783 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0727 W/kg



0 dB = 0.0727 W/kg = -11.38 dBW/kg

Test Plot 4#: SDR 2.4G 1.4MHz_Handheld Back_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

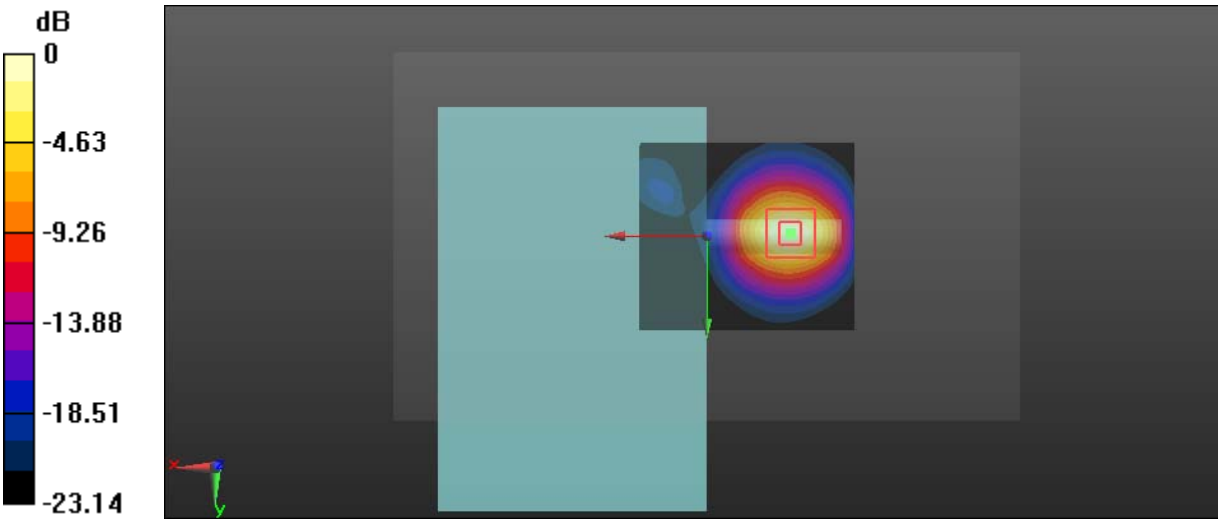
Communication System: SDR 2.4G_1.4M; Frequency: 2403.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2403.5 MHz; σ = 1.906 S/m; ε_r = 54.381; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 10.2 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.852 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 5.89 W/kg; SAR(10 g) = 2.68 W/kg
Maximum value of SAR (measured) = 9.62 W/kg



0 dB = 9.62 W/kg = 9.83 dBW/kg

Test Plot 5#: SDR 2.4G 1.4MHz_Handheld Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

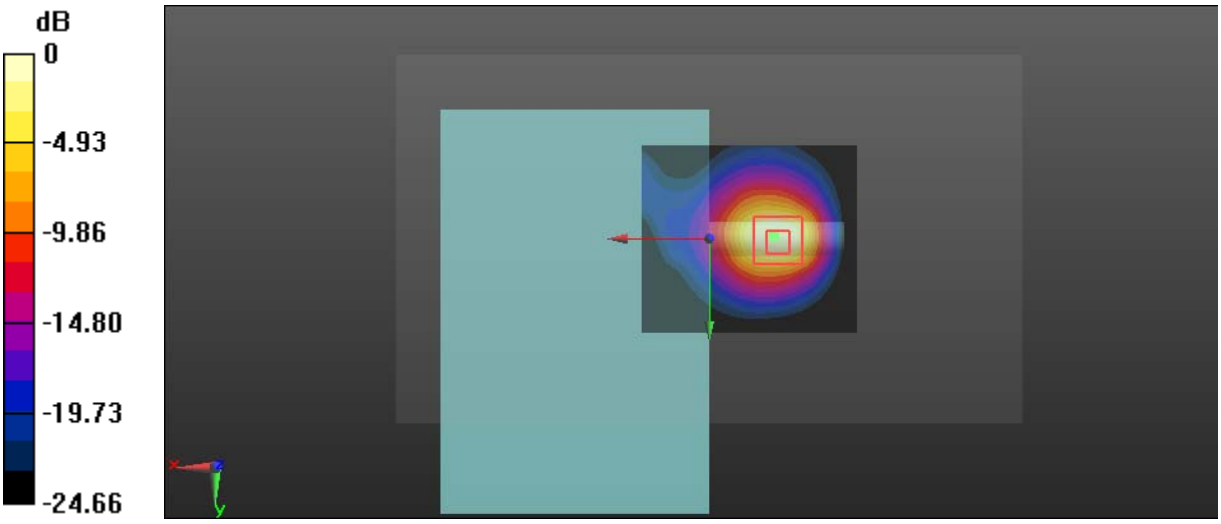
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 9.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.85 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 5.12 W/kg; SAR(10 g) = 2.25 W/kg
Maximum value of SAR (measured) = 7.82 W/kg



0 dB = 7.82 W/kg = 8.93 dBW/kg

Test Plot 6#: SDR 2.4G 1.4MHz_Handheld Back_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

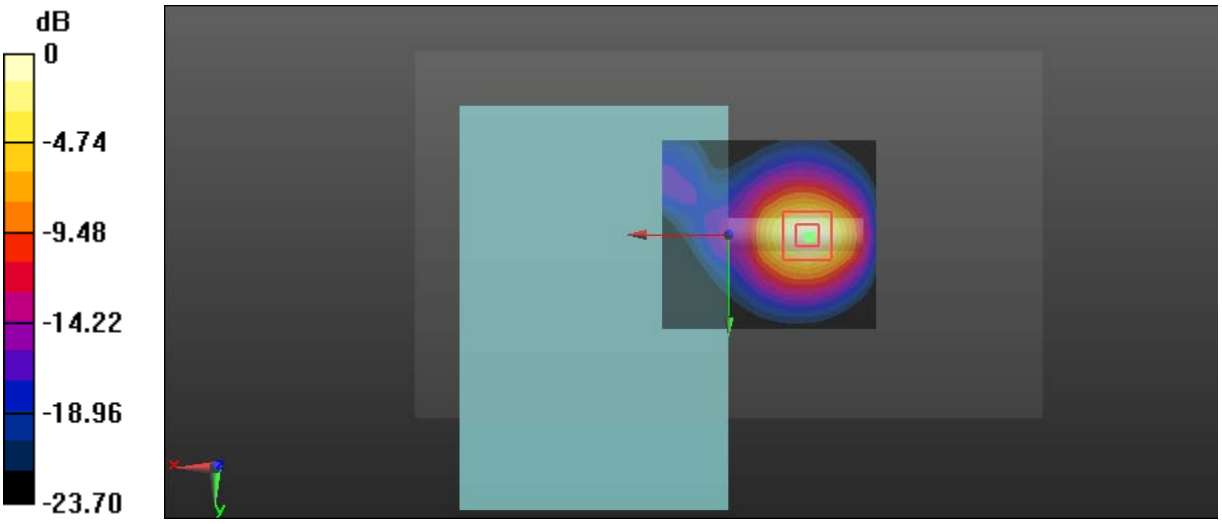
Communication System: SDR 2.4G_1.4M; Frequency: 2477.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2477.5 MHz; σ = 1.987 S/m; ε_r = 52.929; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 8.81 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.79 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 9.72 W/kg
SAR(1 g) = 4.88 W/kg; SAR(10 g) = 2.23 W/kg
Maximum value of SAR (measured) = 7.92 W/kg



0 dB = 7.92 W/kg = 8.99 dBW/kg

Test Plot 7#: SDR 2.4G 10MHz_Handheld Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

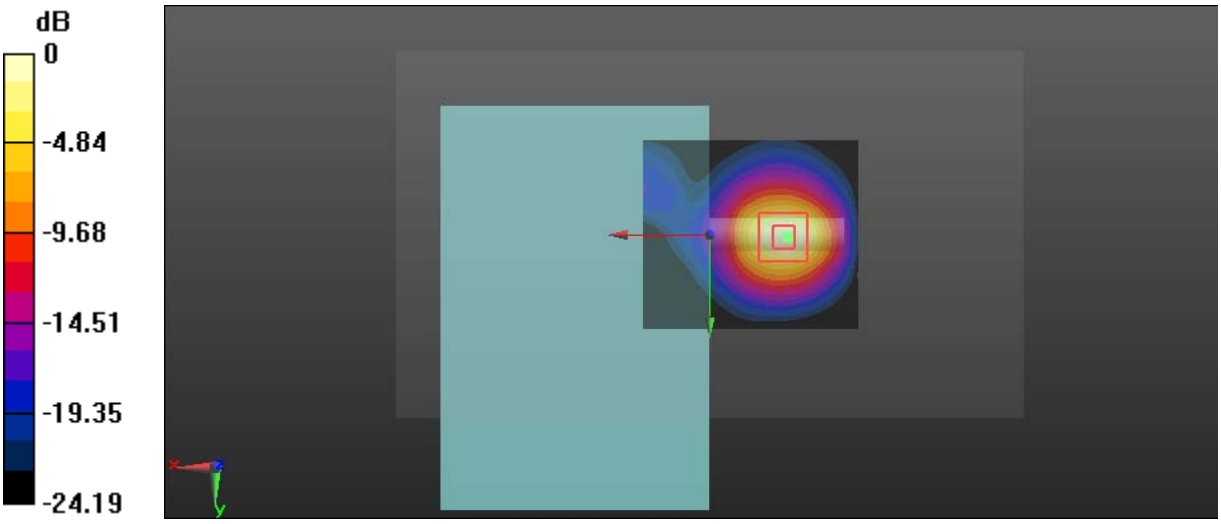
Communication System: SDR 2.4G_10M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.66 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.160 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 5.39 W/kg
SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.21 W/kg
Maximum value of SAR (measured) = 4.34 W/kg



0 dB = 4.34 W/kg = 6.37 dBW/kg

Test Plot 8#: SDR 2.4G 20MHz_Handheld Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

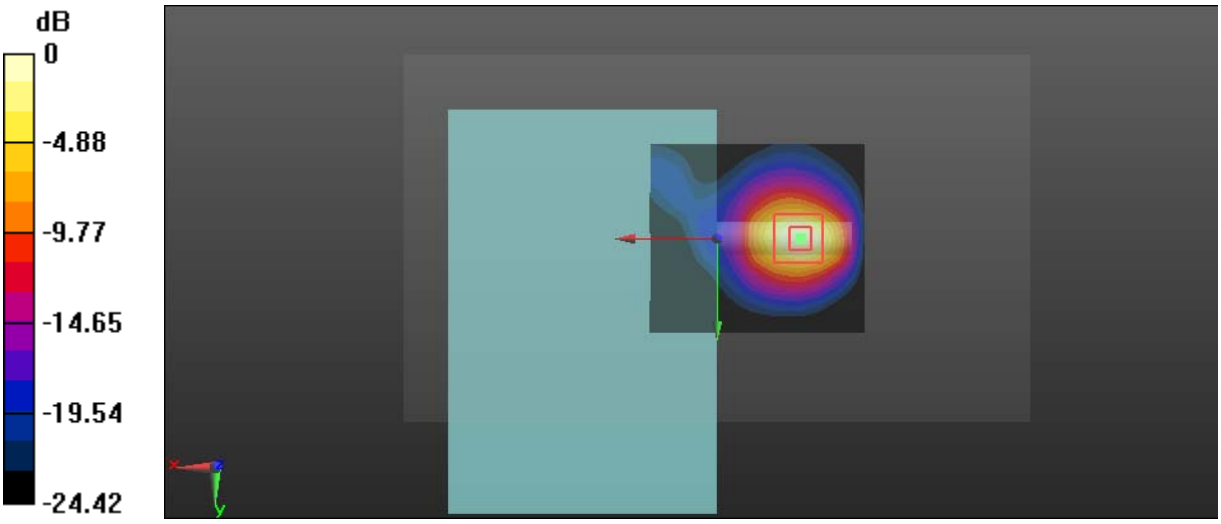
Communication System: SDR 2.4G_20M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.88 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.793 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 6.44 W/kg
SAR(1 g) = 3.12 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (measured) = 5.25 W/kg



0 dB = 5.25 W/kg = 7.20 dBW/kg

Test Plot 9#: SDR 2.4G 1.4MHz_Handheld Top_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

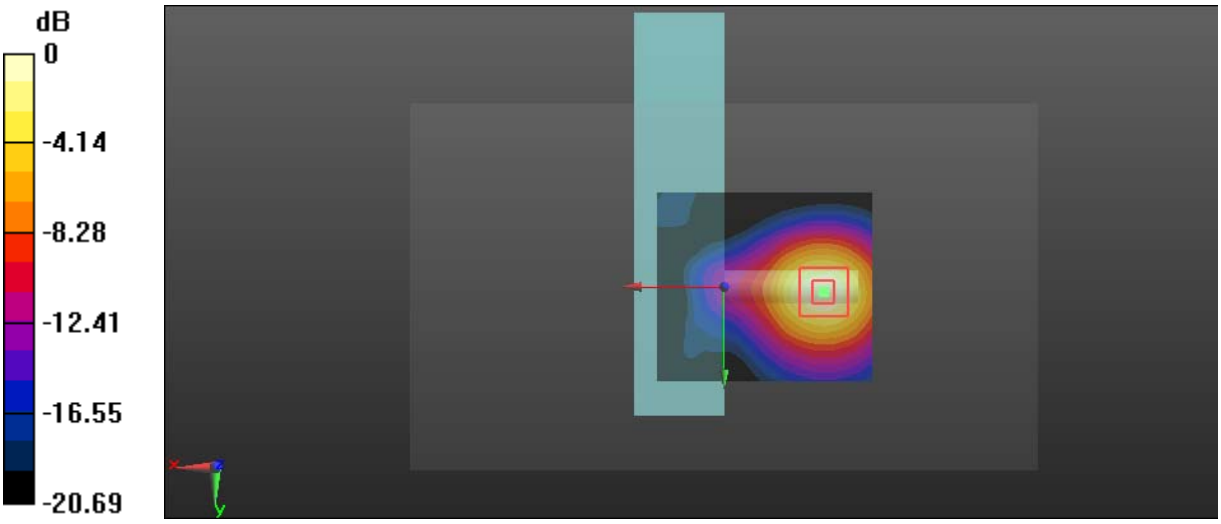
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.92 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.48 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.46 W/kg
SAR(1 g) = 1.84 W/kg; SAR(10 g) = 0.923 W/kg
Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

Test Plot 10#: SDR 2.4G 1.4MHz_Close to Body Right_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

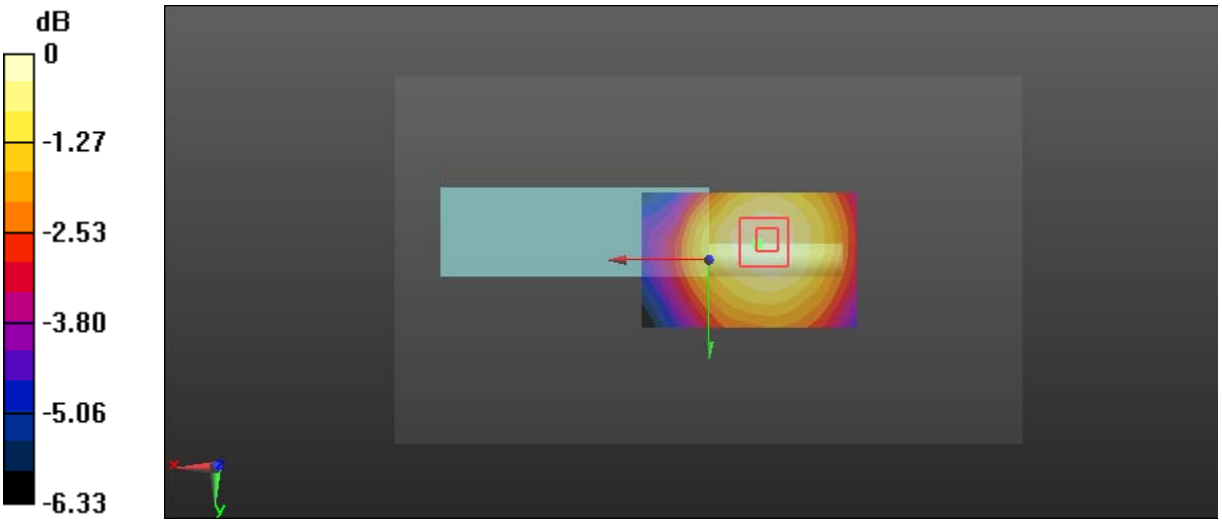
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.344 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

Test Plot 11#: SDR 2.4G 1.4MHz_Close to Body Front_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

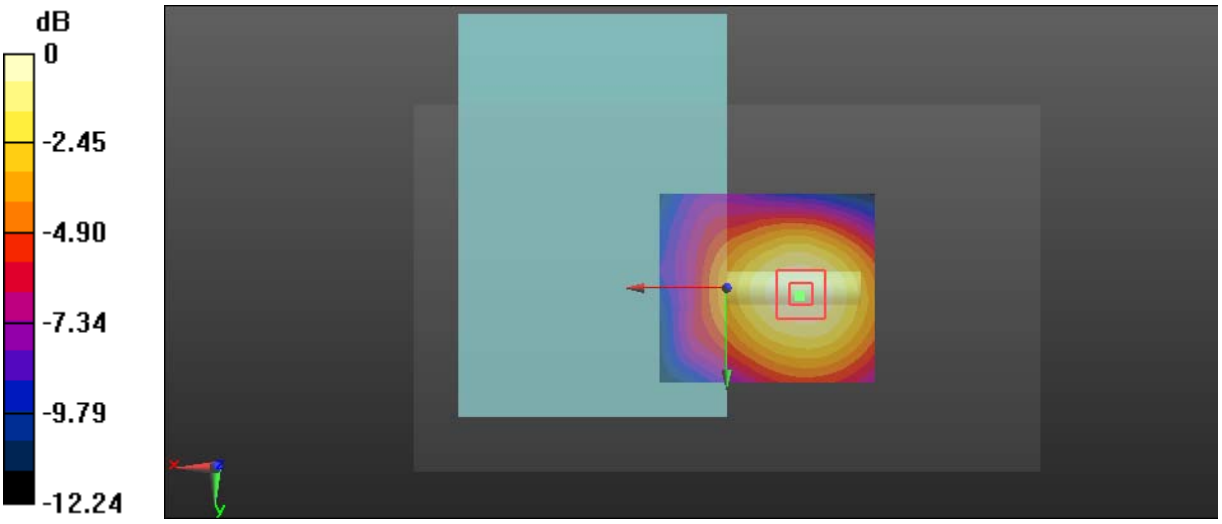
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.302 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.931 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.301 W/kg



0 dB = 0.301 W/kg = -5.21 dBW/kg

Test Plot 12#: SDR 2.4G 1.4MHz_Close to Body Front Fold_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

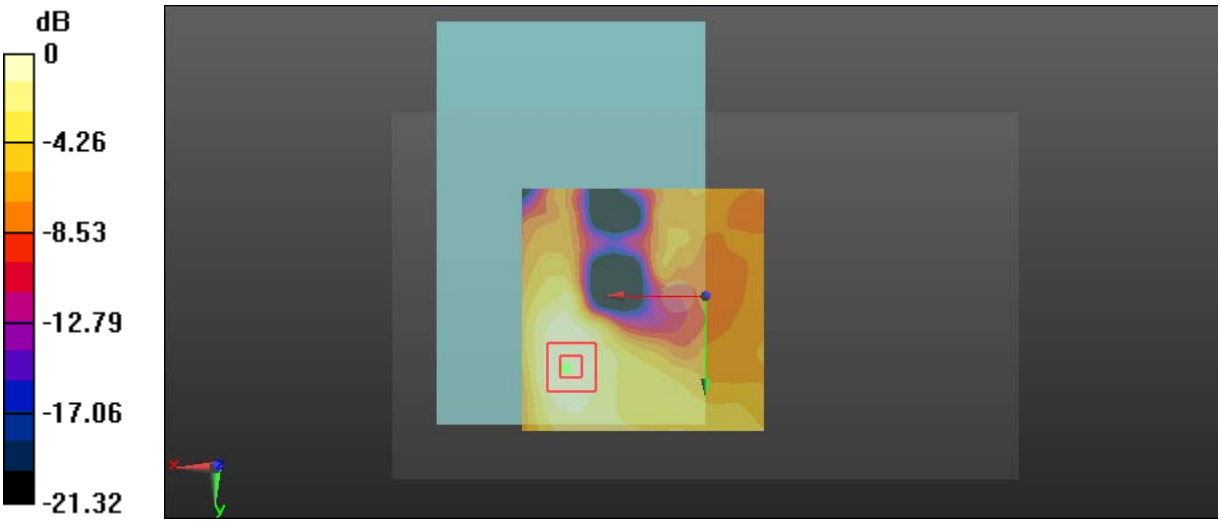
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0393 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.429 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0450 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0375 W/kg



0 dB = 0.0375 W/kg = -14.26 dBW/kg

Test Plot 13#: SDR 2.4G 1.4MHz_Close to Body Back_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

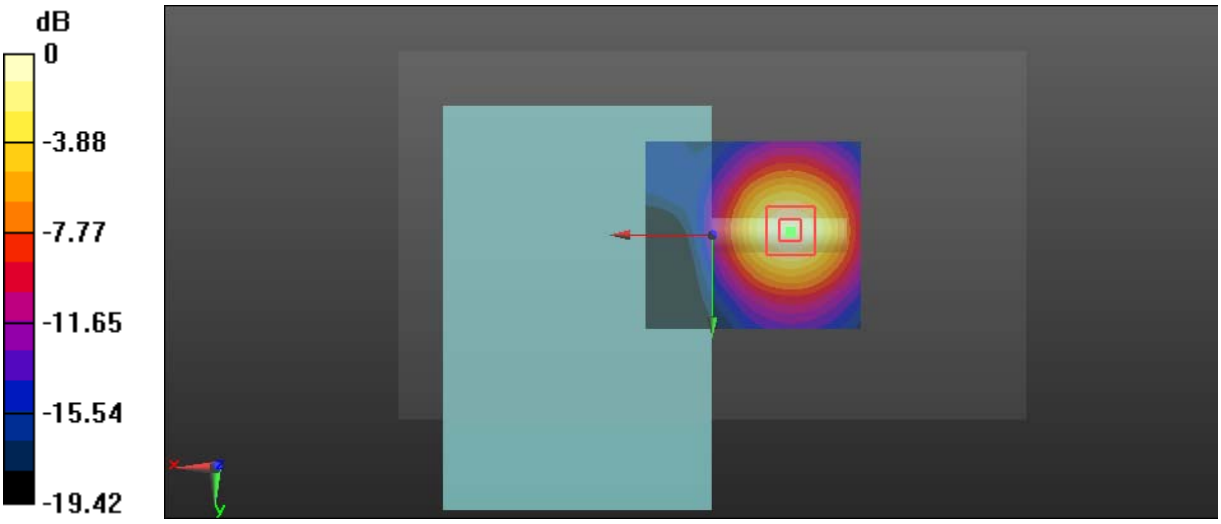
Communication System: SDR 2.4G_1.4M; Frequency: 2403.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2403.5 MHz; σ = 1.906 S/m; ε_r = 54.381; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.86 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.852 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.20 W/kg; SAR(10 g) = 0.637 W/kg
Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

Test Plot 14#: SDR 2.4G 1.4MHz_Close to Body Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

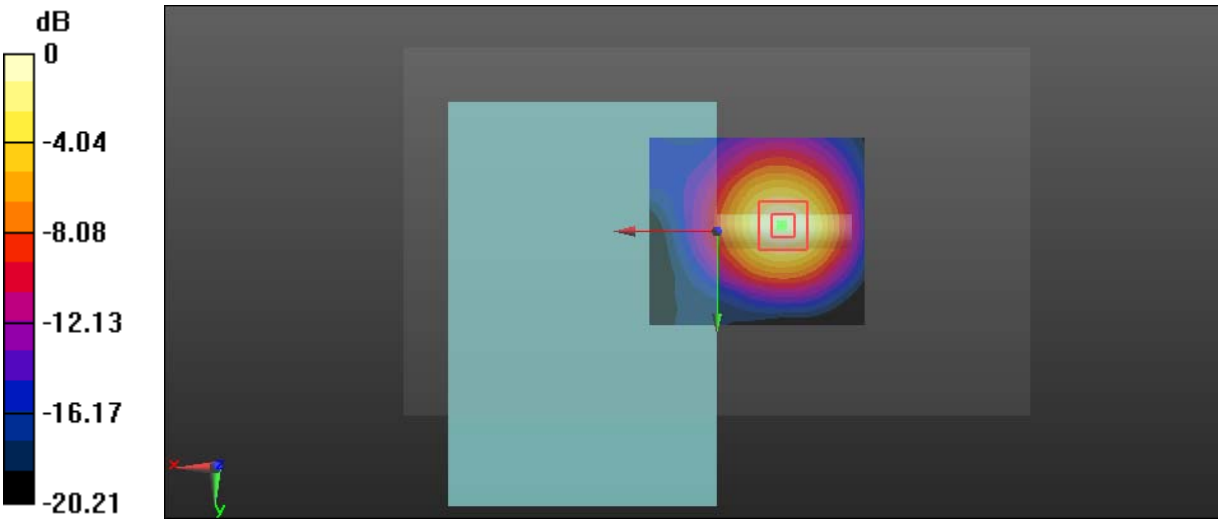
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.76 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.30 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.596 W/kg
Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

Test Plot 15#: SDR 2.4G 1.4MHz_Close to Body Back_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

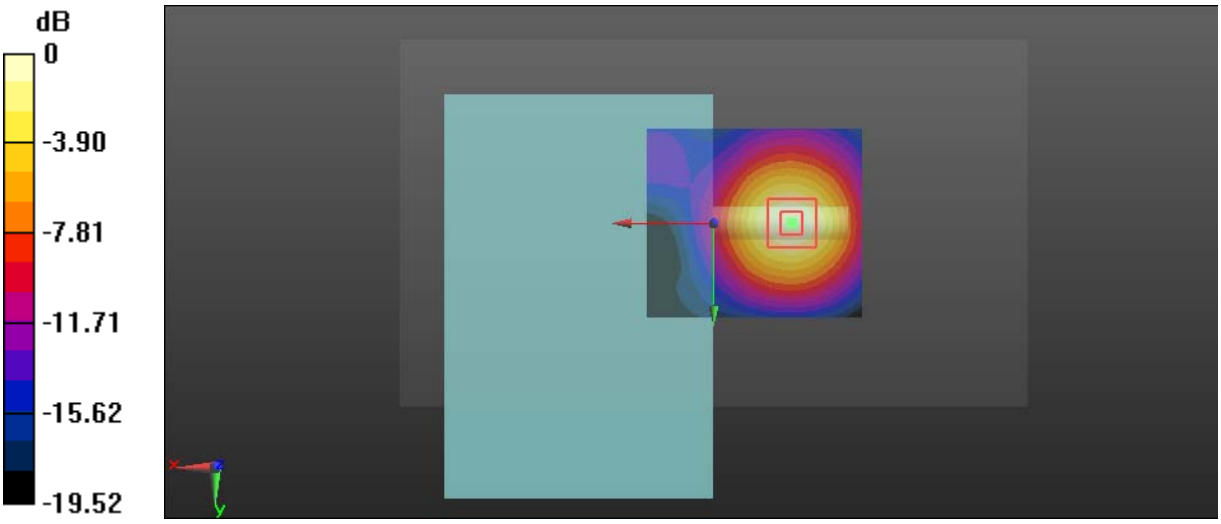
Communication System: SDR 2.4G_1.4M; Frequency: 2477.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2477.5 MHz; σ = 1.987 S/m; ε_r = 52.929; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.123 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.561 W/kg
Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Test Plot 16#: SDR 2.4G 10MHz_Close to Body Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

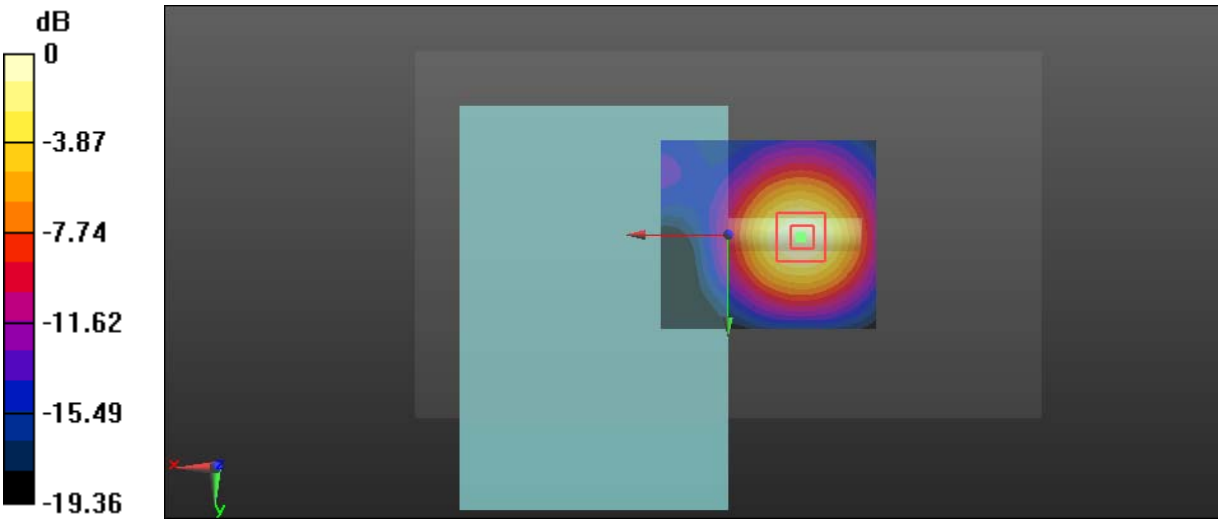
Communication System: SDR 2.4G_10M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.952 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.096 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.322 W/kg
Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg = -0.34 dBW/kg

Test Plot 17#: SDR 2.4G 20MHz_Close to Body Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

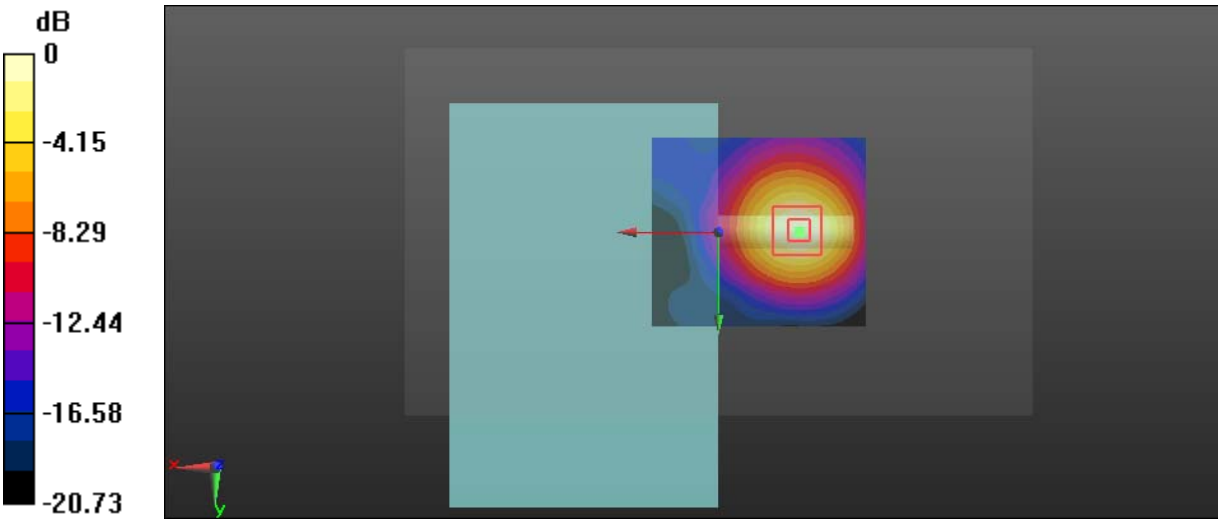
Communication System: SDR 2.4G_20M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.337 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Plot 18#: SDR 2.4G 1.4MHz_Close to Body Top_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

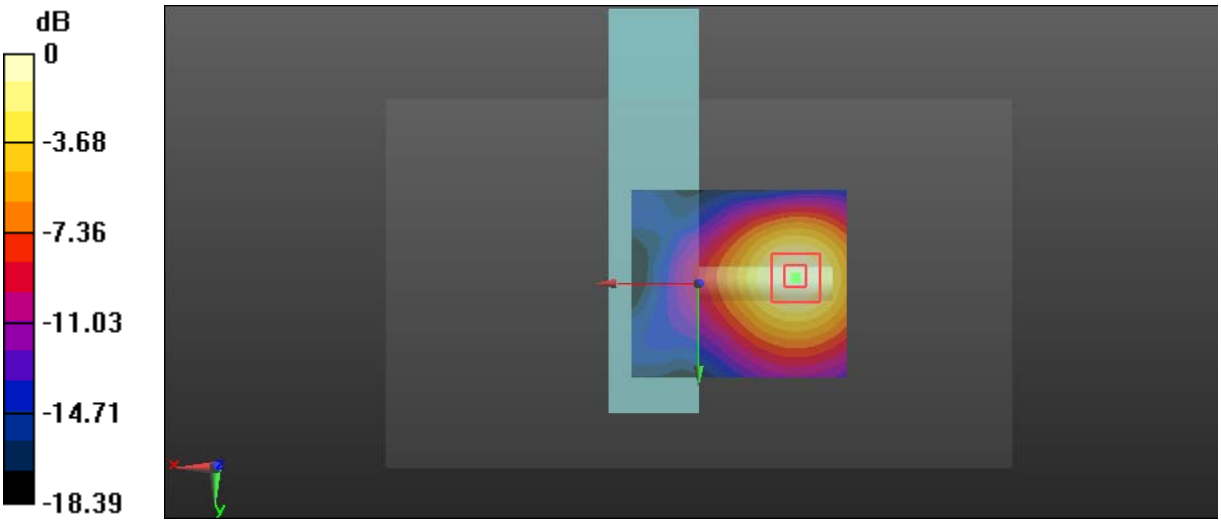
Communication System: SDR 2.4G_1.4M; Frequency: 2441.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2441.5 MHz; σ = 1.941 S/m; ε_r = 53.384; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.923 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.829 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.334 W/kg
Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

Test Plot 19#: SDR 5.8G 1.4MHz_Handheld Right_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

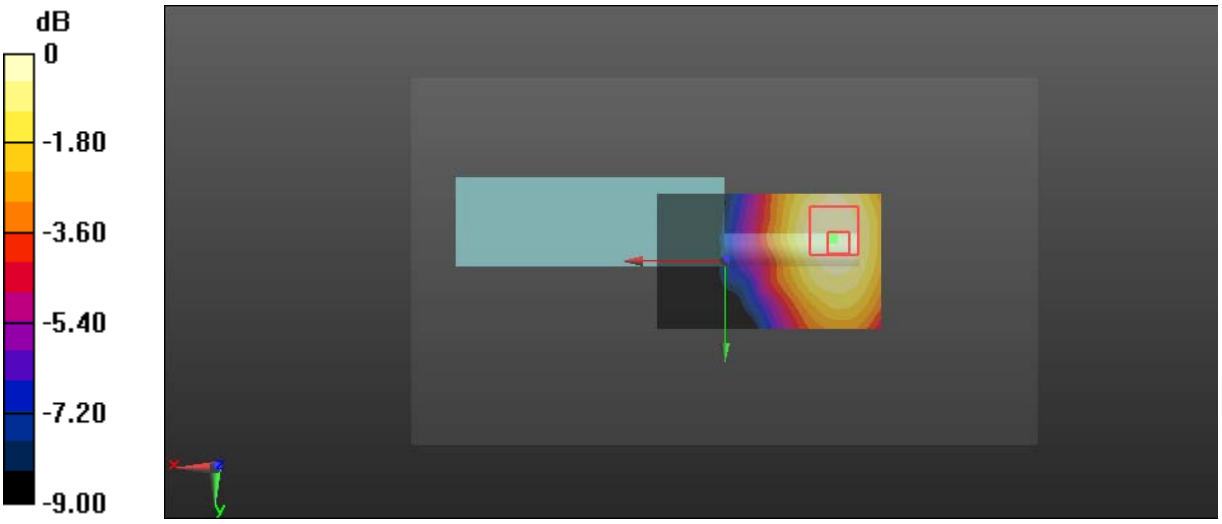
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.297 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.252 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg

Test Plot 20#: SDR 5.8G 1.4MHz_Handheld Front_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

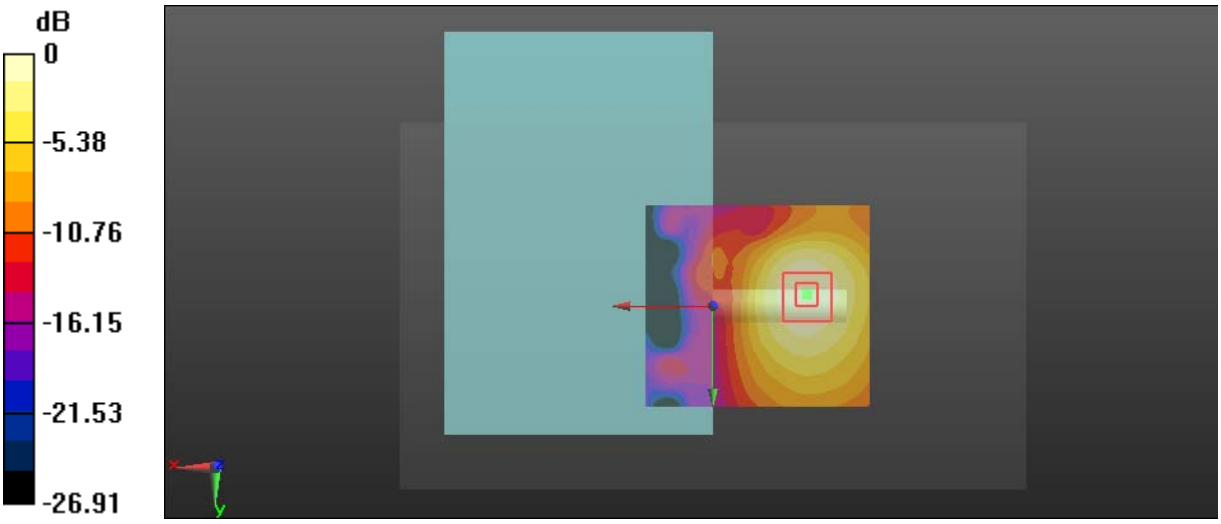
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.962 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.866 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.956 W/kg



0 dB = 0.956 W/kg = -0.20 dBW/kg

Test Plot 21#: SDR 5.8G 1.4MHz_Handheld Front Fold_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

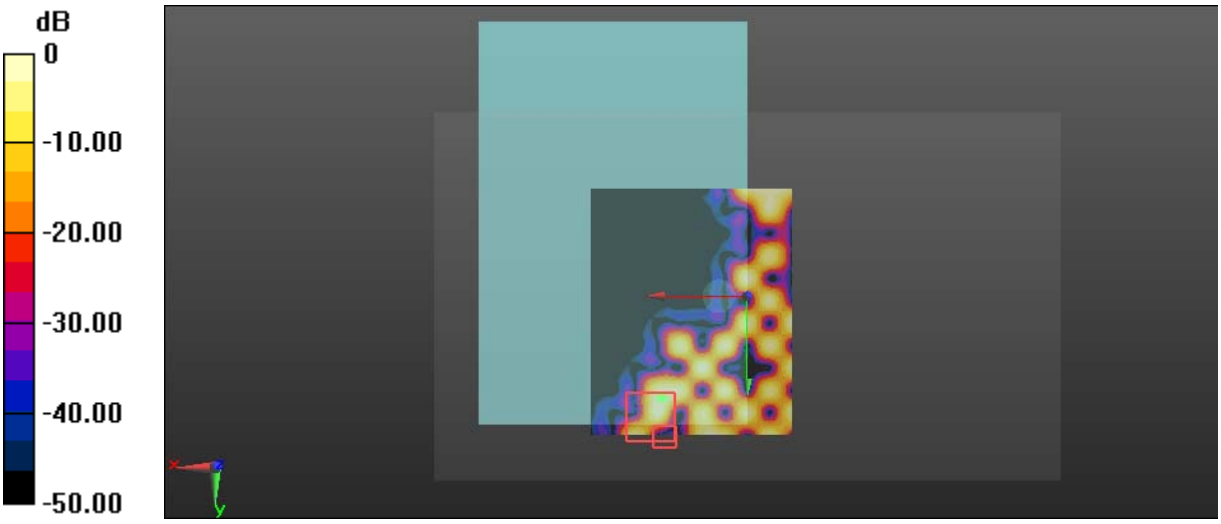
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.216 W/kg

Zoom Scan (8x9x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.808 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.193 W/kg = -7.14 dBW/kg

Test Plot 22#: SDR 5.8G 1.4MHz_Handheld Back_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

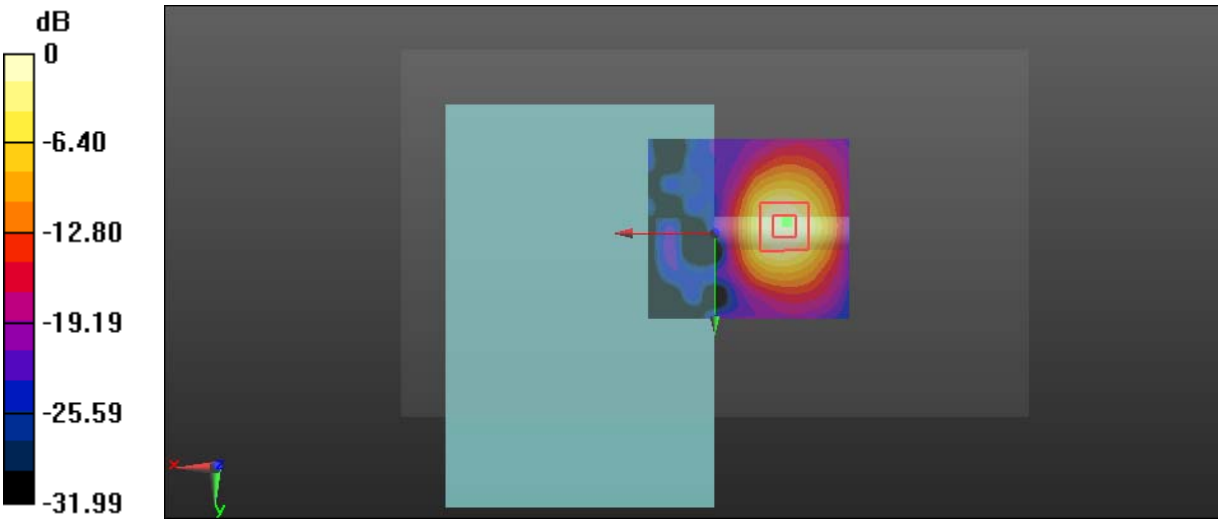
Communication System: SDR 5.8G_1.4M; Frequency: 5728.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5728.5 MHz; σ = 5.904 S/m; ε_r = 49.069; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 5.11 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.157 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 9.11 W/kg
SAR(1 g) = 2.18 W/kg; SAR(10 g) = 0.808 W/kg
Maximum value of SAR (measured) = 5.15 W/kg



0 dB = 5.15 W/kg = 7.12 dBW/kg

Test Plot 23#: SDR 5.8G 1.4MHz_Handheld Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

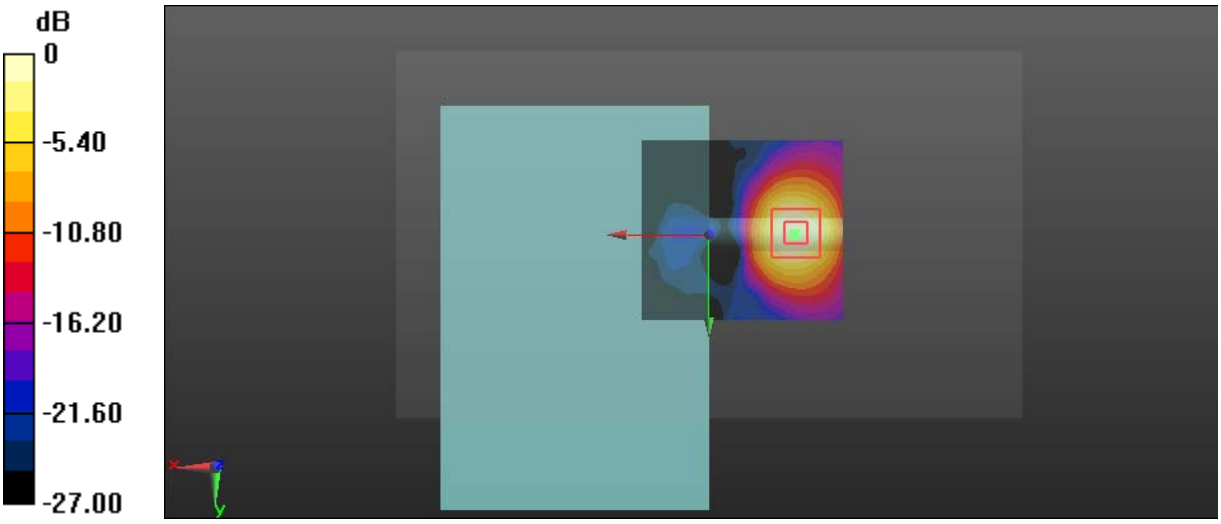
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.31 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.276 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 9.52 W/kg
SAR(1 g) = 2.5 W/kg; SAR(10 g) = 0.899 W/kg
Maximum value of SAR (measured) = 6.01 W/kg



0 dB = 6.01 W/kg = 7.79 dBW/kg

Test Plot 24#: SDR 5.8G 1.4MHz_Handheld Back_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

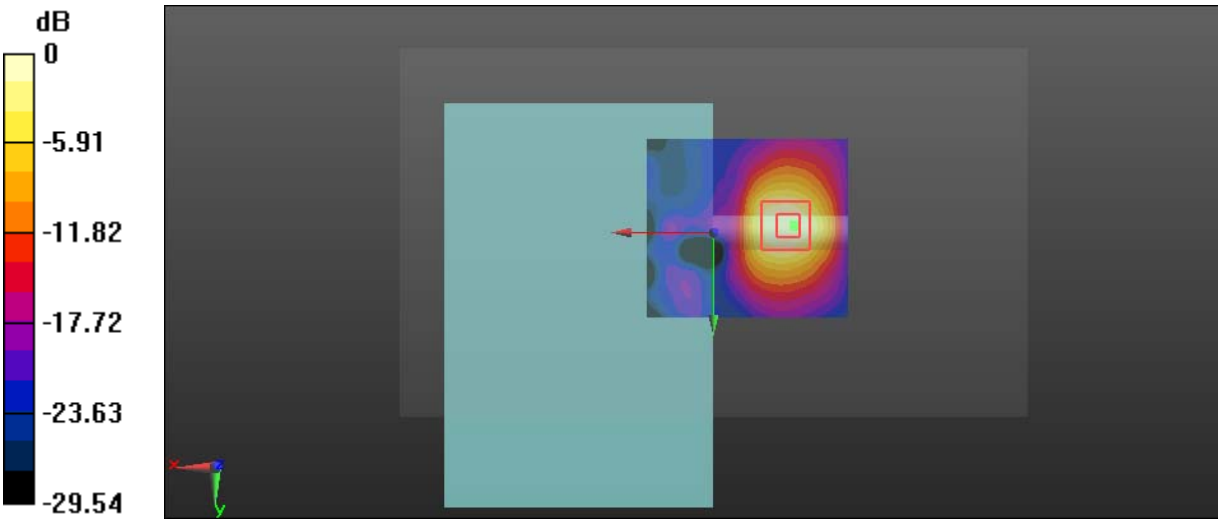
Communication System: SDR 5.8G_1.4M; Frequency: 5846.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5846.5 MHz; σ = 5.998 S/m; ε_r = 48.722; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.94 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.186 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 8.18 W/kg
SAR(1 g) = 1.96 W/kg; SAR(10 g) = 0.732 W/kg
Maximum value of SAR (measured) = 4.54 W/kg



0 dB = 4.54 W/kg = 6.57 dBW/kg

Test Plot 25#: SDR 5.8G 10MHz_Handheld Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

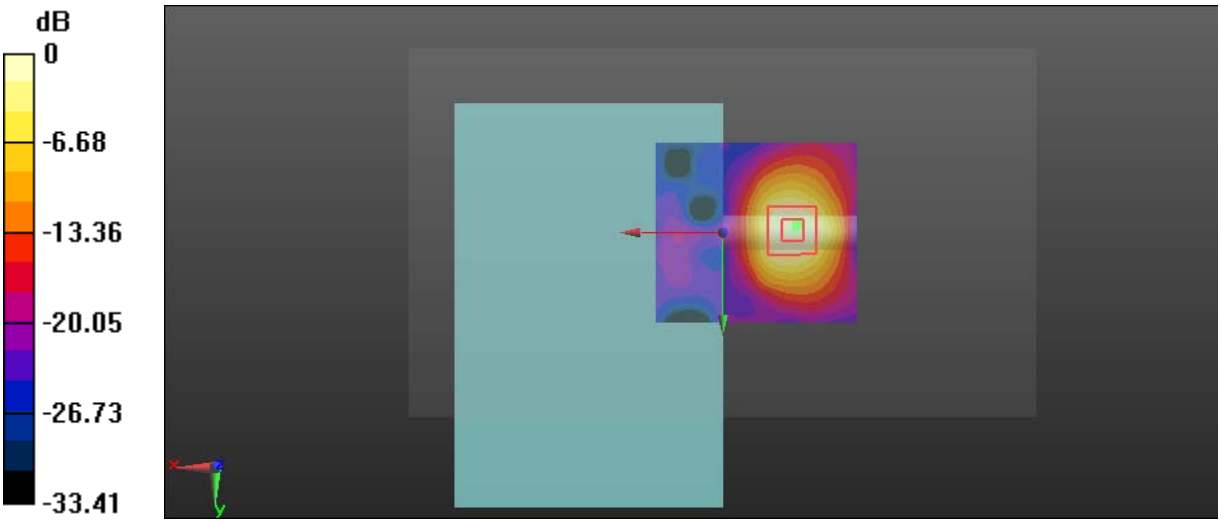
Communication System: SDR 5.8G_10M; Frequency: 5787.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5787.5 MHz; σ = 5.951 S/m; ε_r = 48.895; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.90 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.139 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 8.15 W/kg
SAR(1 g) = 1.96 W/kg; SAR(10 g) = 0.729 W/kg
Maximum value of SAR (measured) = 4.52 W/kg



0 dB = 4.52 W/kg = 6.55 dBW/kg

Test Plot 26#: SDR 5.8G 20MHz_Handheld Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

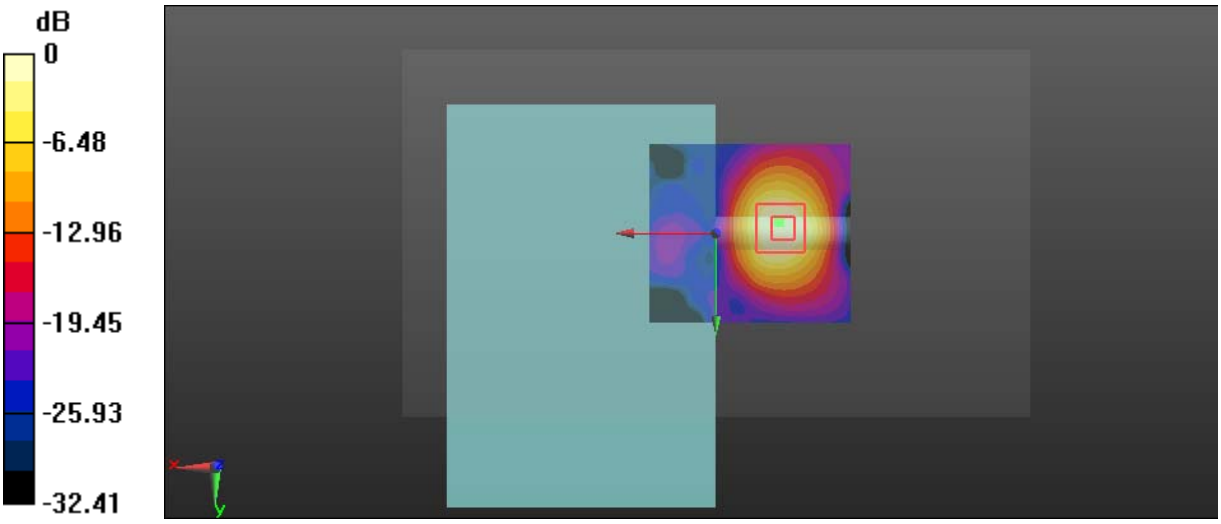
Communication System: SDR 5.8G_20M; Frequency: 5787.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5787.5 MHz; σ = 5.951 S/m; ε_r = 48.895; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 5.97 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.421 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 9.96 W/kg
SAR(1 g) = 2.39 W/kg; SAR(10 g) = 0.888 W/kg
Maximum value of SAR (measured) = 5.47 W/kg



0 dB = 5.47 W/kg = 7.38 dBW/kg

Test Plot 27#: SDR 5.8G 1.4MHz_Handheld Top_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

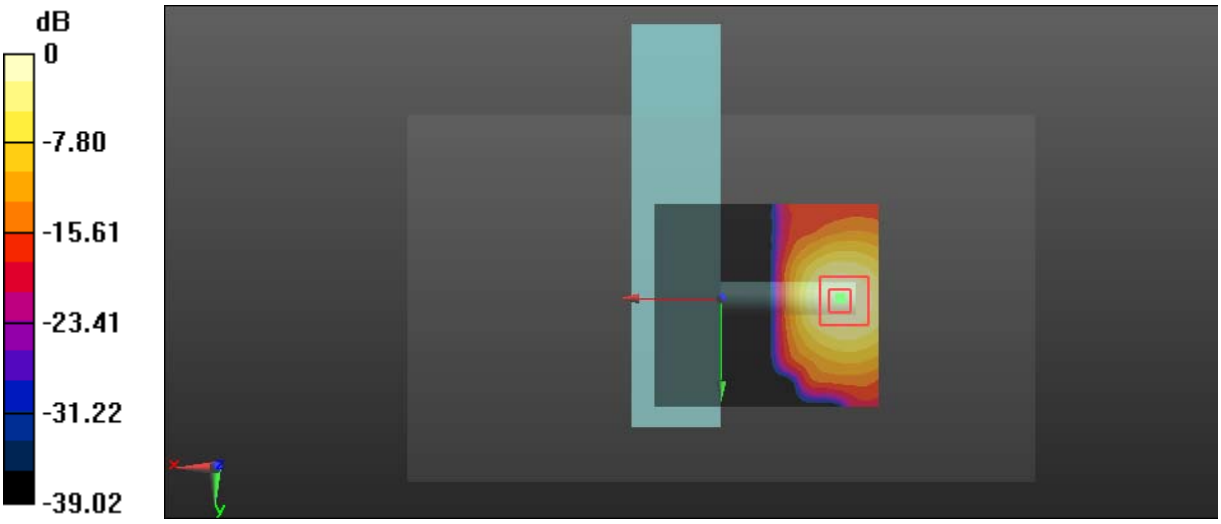
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.26 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.268 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 7.14 W/kg
SAR(1 g) = 1.77 W/kg; SAR(10 g) = 0.686 W/kg
Maximum value of SAR (measured) = 4.09 W/kg



0 dB = 4.09 W/kg = 6.12 dBW/kg

Test Plot 28#: SDR 5.8G 1.4MHz_Close to Body Right_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

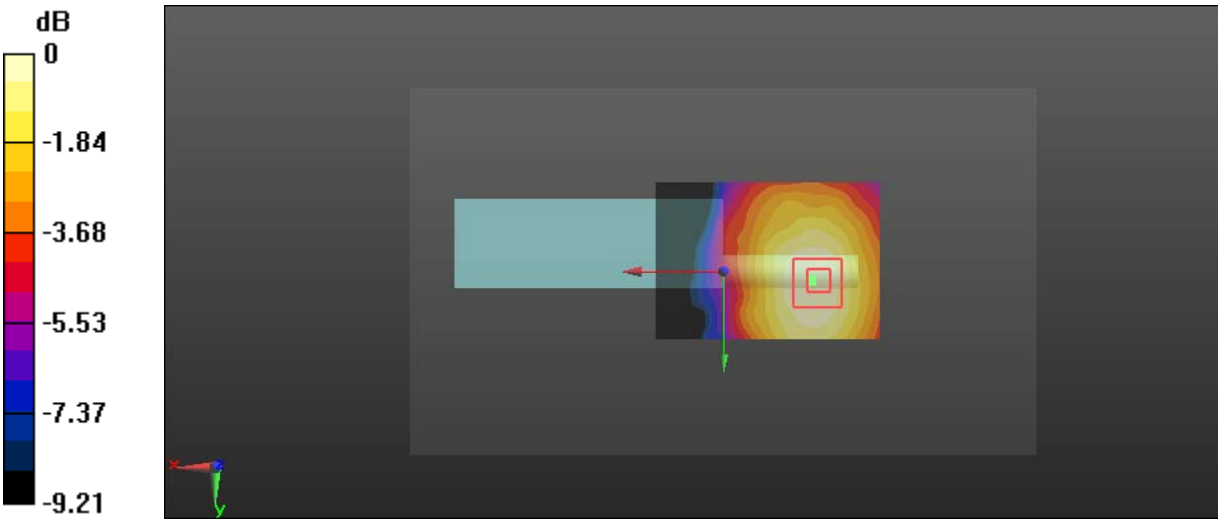
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.198 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.743 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.394 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg

Test Plot 29#: SDR 5.8G 1.4MHz_Close to Body Front_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

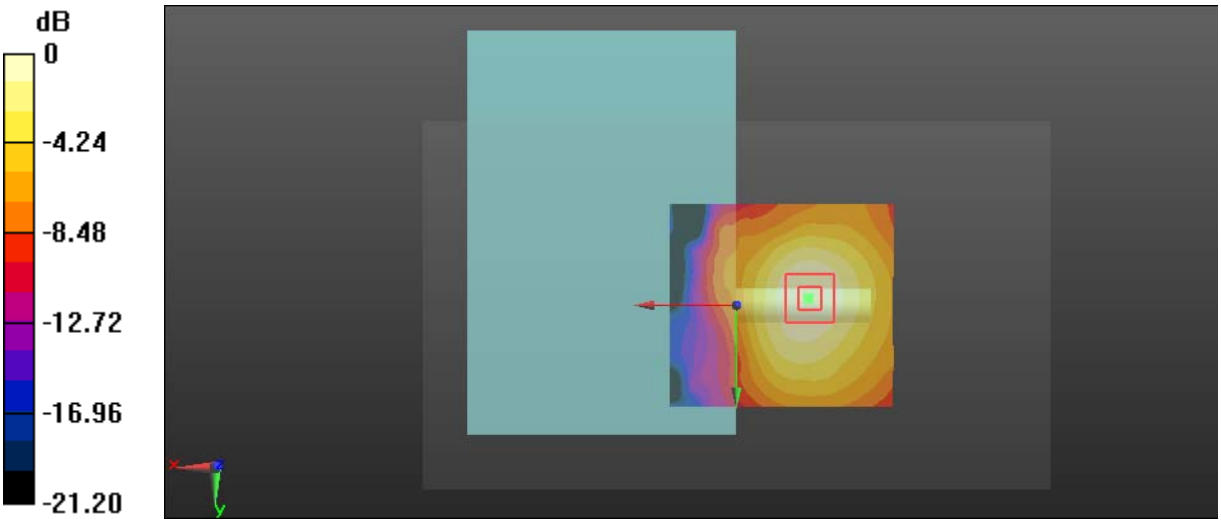
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.624 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.367 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg

Test Plot 30#: SDR 5.8G 1.4MHz_Close to Body Front Fold_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

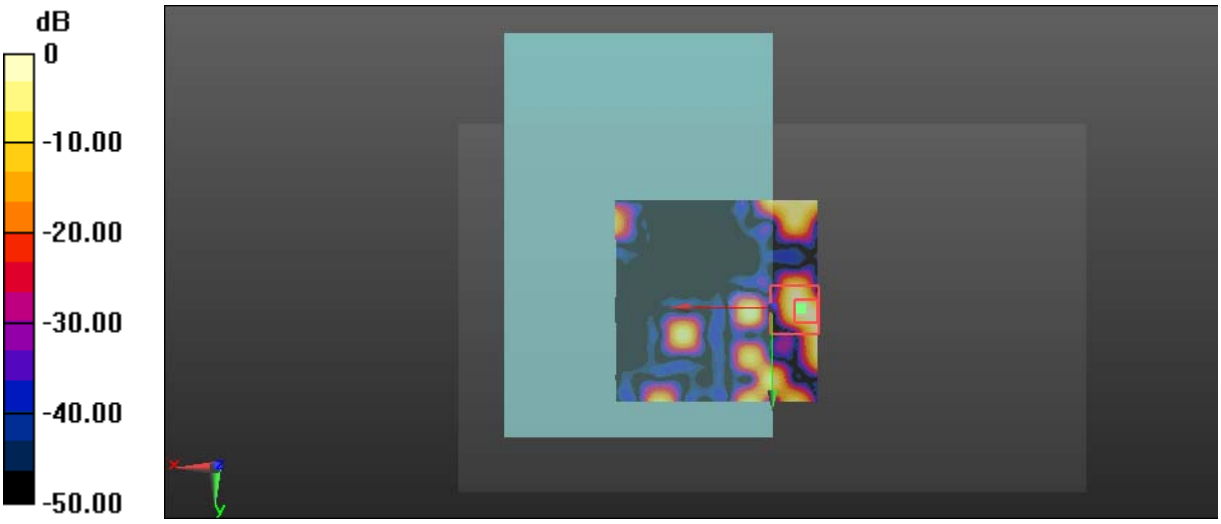
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0846 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.645 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00627 W/kg
Maximum value of SAR (measured) = 0.0573 W/kg



0 dB = 0.0573 W/kg = -12.42 dBW/kg

Test Plot 31#: SDR 5.8G 1.4MHz_Close to Body Back_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

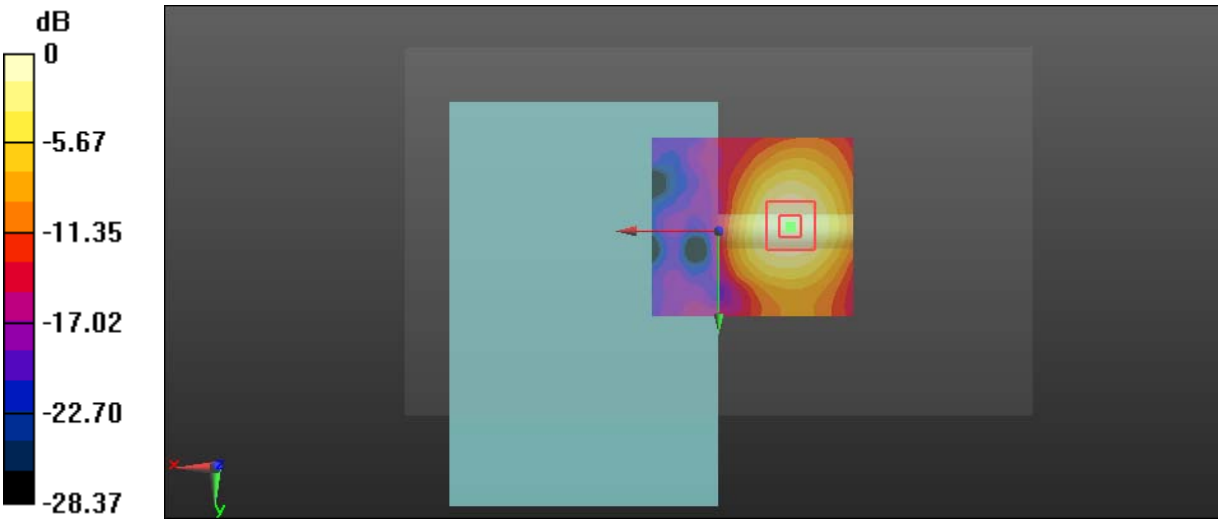
Communication System: SDR 5.8G_1.4M; Frequency: 5728.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5728.5 MHz; σ = 5.904 S/m; ε_r = 49.069; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.49 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.737 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 4.08 W/kg
SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.33 W/kg = 3.67 dBW/kg

Test Plot 32#: SDR 5.8G 1.4MHz_Close to Body Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

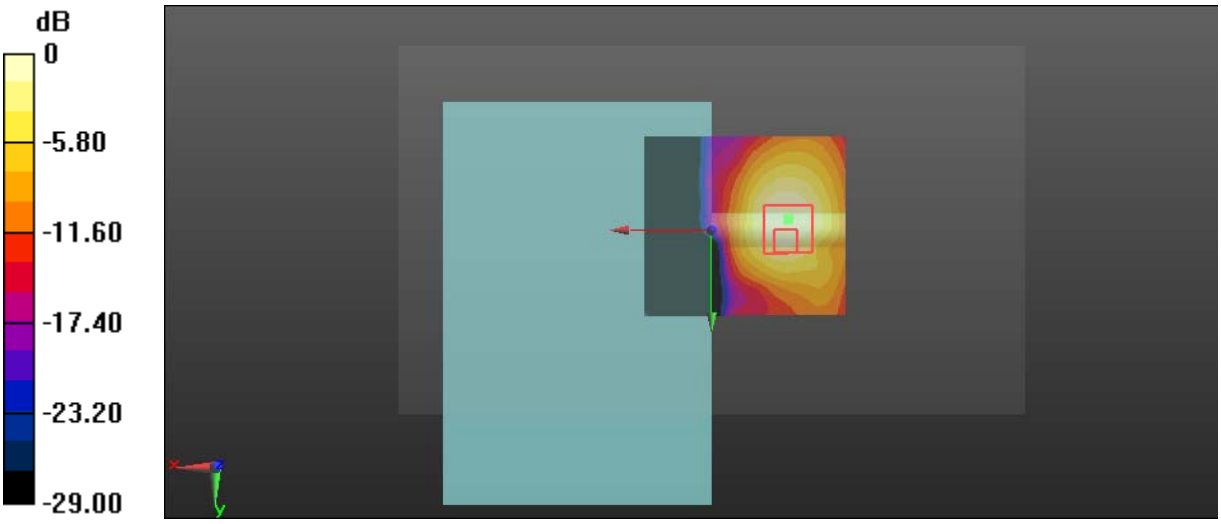
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.32 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.271 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 7.39 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.418 W/kg
Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

Test Plot 33#: SDR 5.8G 1.4MHz_Close to Body Back_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

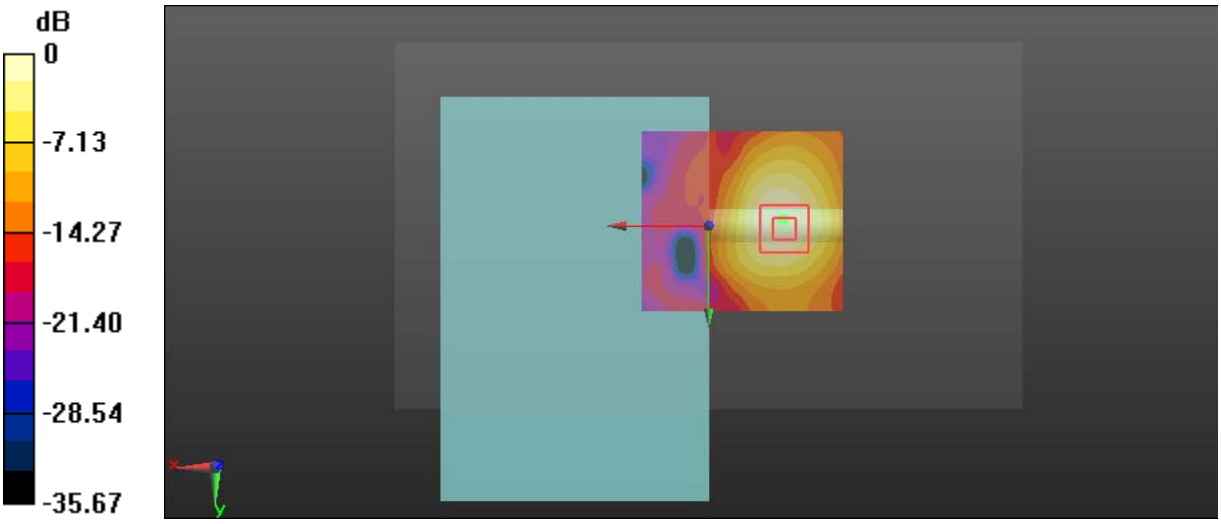
Communication System: SDR 5.8G_1.4M; Frequency: 5846.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5846.5 MHz; σ = 5.998 S/m; ε_r = 48.722; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.21 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.596 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.91 W/kg
SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.370 W/kg
Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

Test Plot 34#: SDR 5.8G 10MHz_Close to Body Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

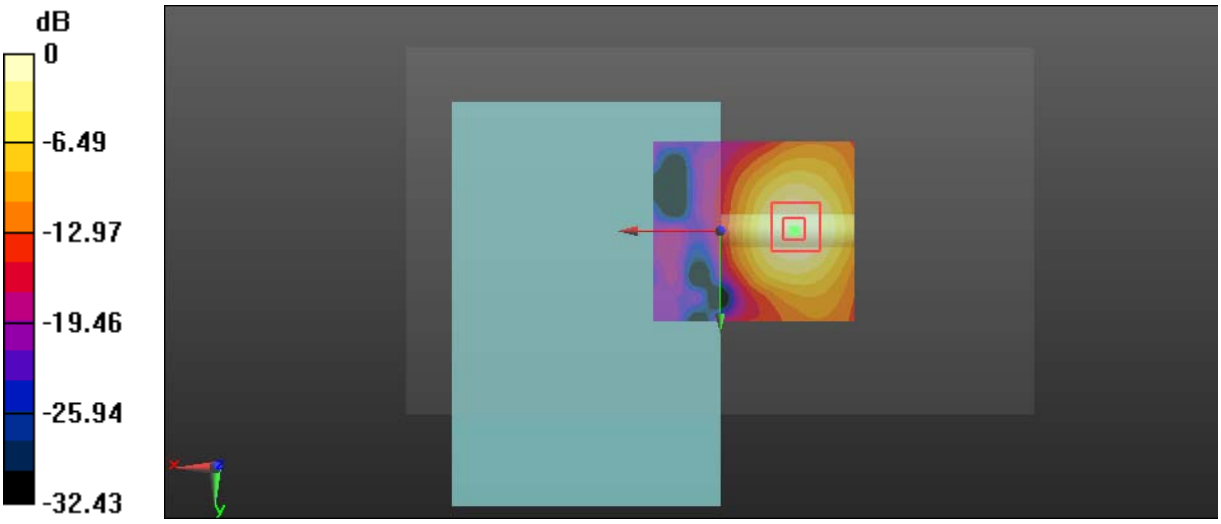
Communication System: SDR 5.8G_10M; Frequency: 5787.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5787.5 MHz; σ = 5.951 S/m; ε_r = 48.895; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.96 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.193 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.335 W/kg
Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

Test Plot 35#: SDR 5.8G 20MHz_Close to Body Back_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

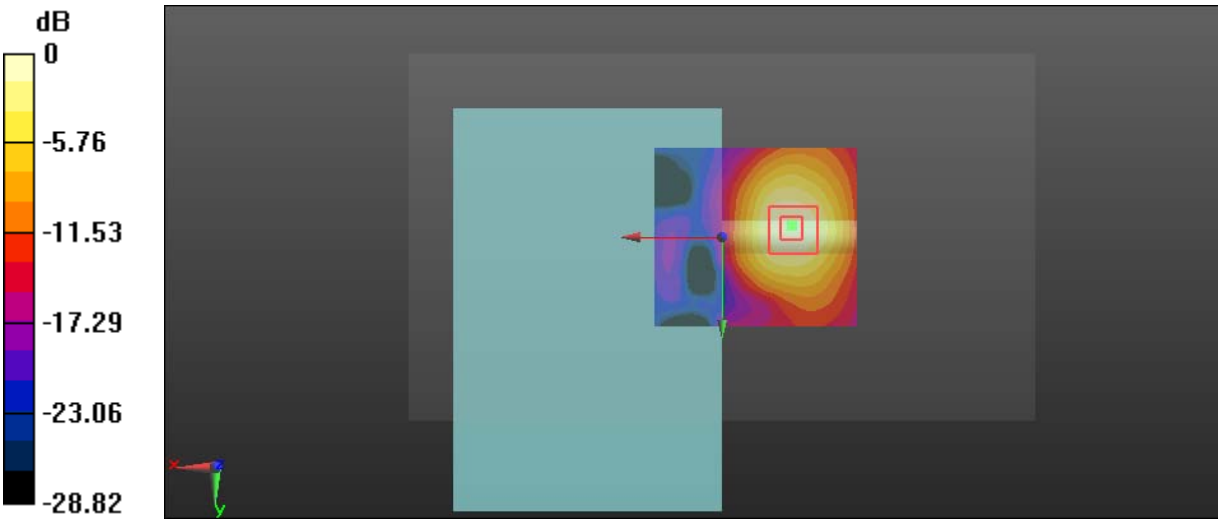
Communication System: SDR 5.8G_20M; Frequency: 5787.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5787.5 MHz; σ = 5.951 S/m; ε_r = 48.895; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.51 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.532 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 4.46 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

Test Plot 36#: SDR 5.8G 1.4MHz_Close to Body Top_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

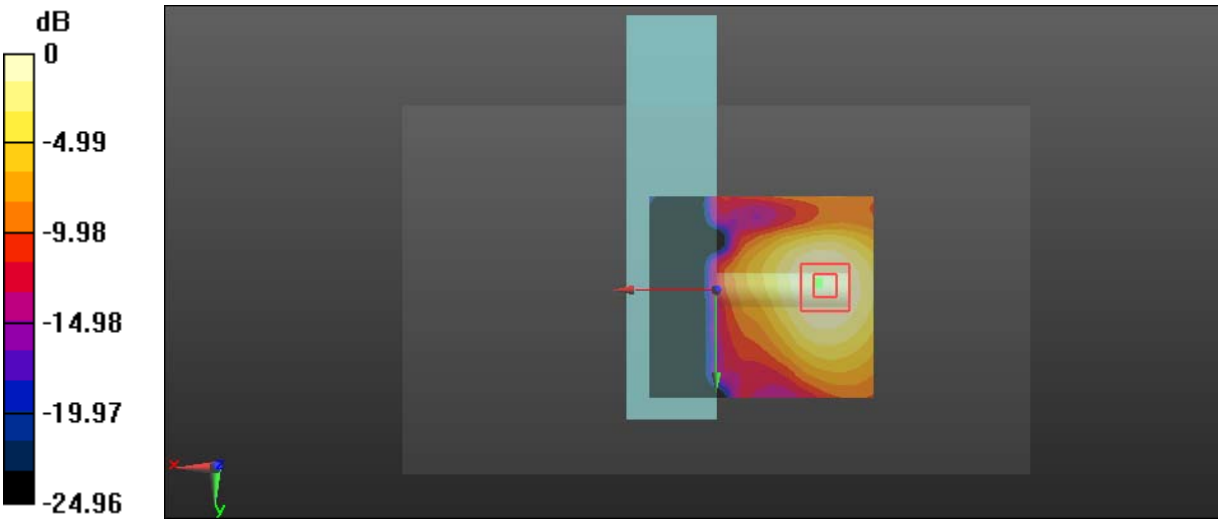
Communication System: SDR 5.8G_1.4M; Frequency: 5728.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5728.5 MHz; σ = 5.904 S/m; ε_r = 49.069; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.779 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.333 W/kg
Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

Test Plot 37#: SDR 5.8G 1.4MHz_Close to Body Top_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

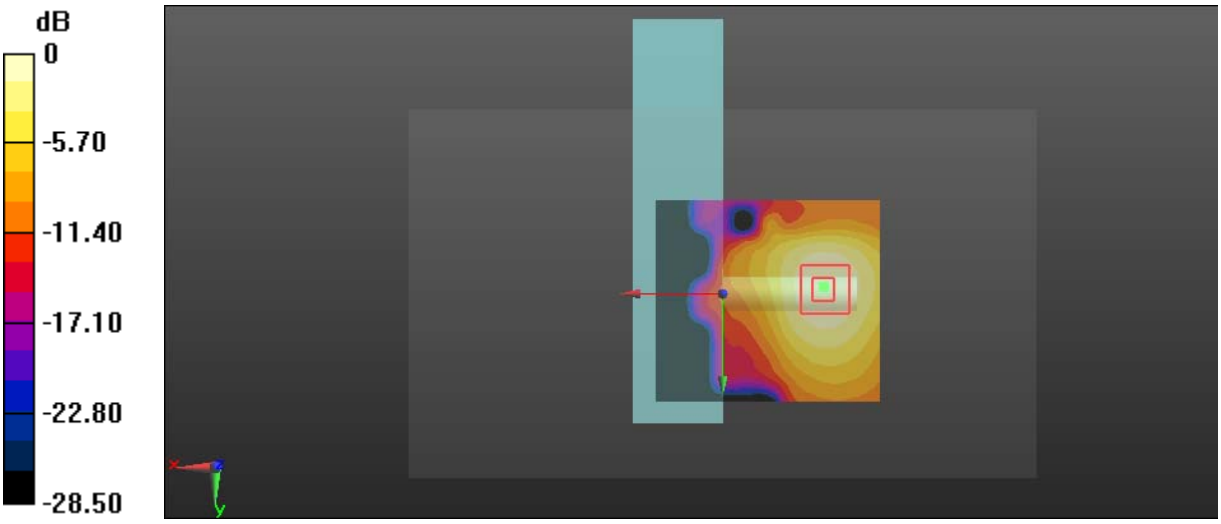
Communication System: SDR 5.8G_1.4M; Frequency: 5786.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5786.5 MHz; σ = 5.95 S/m; ε_r = 48.898; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.03 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.920 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

Test Plot 38#: SDR 5.8G 1.4MHz_Close to Body Top_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

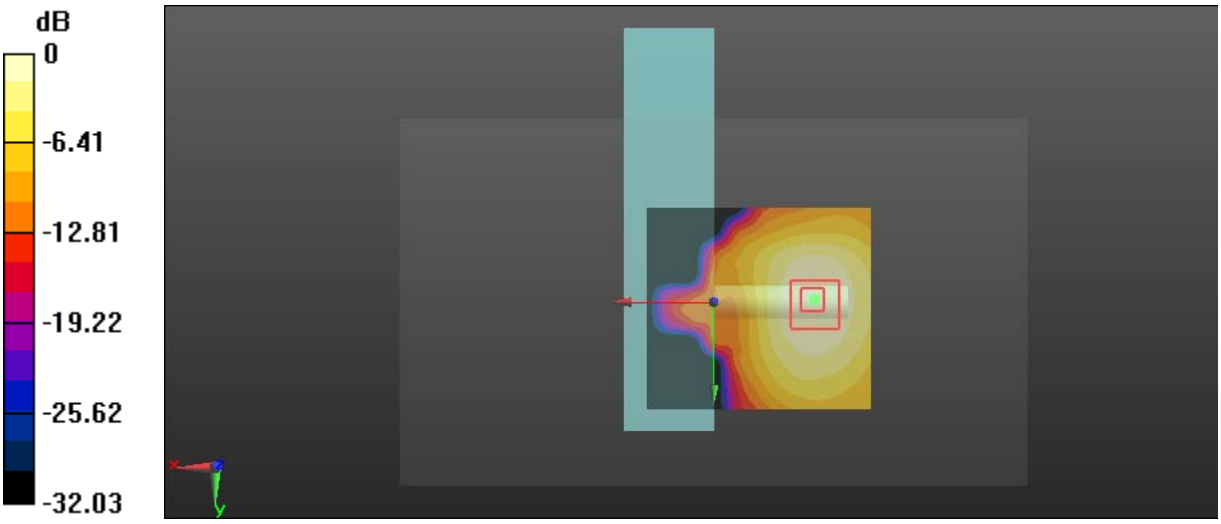
Communication System: SDR 5.8G_1.4M; Frequency: 5846.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5746.5 MHz; σ = 5.998 S/m; ε_r = 48.722; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.109 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.67 W/kg
SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Plot 39#: Wi-Fi 2.4G_Mode G_Handheld Back_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

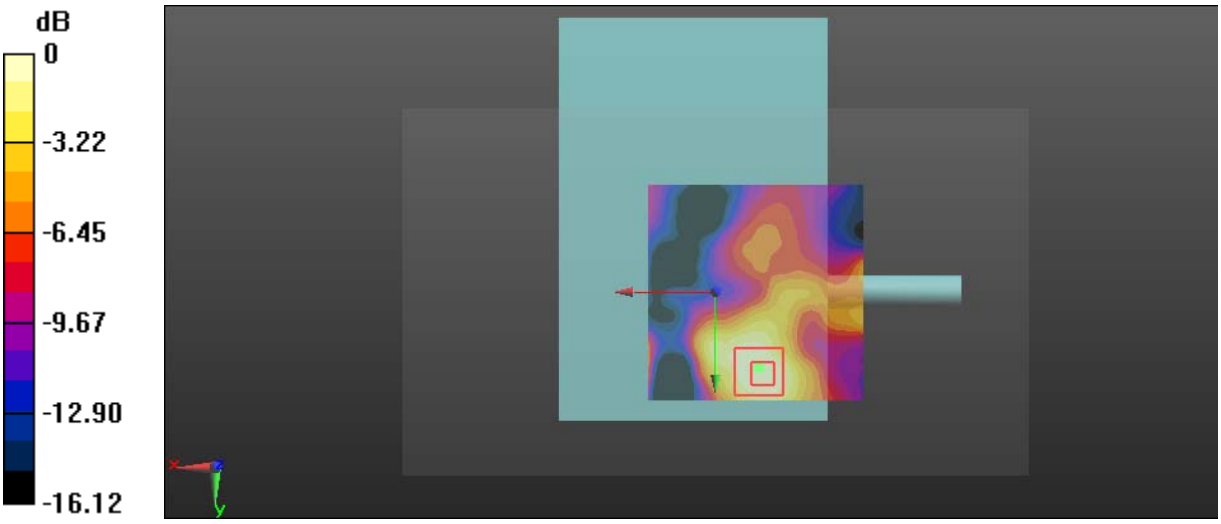
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0835 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.632 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0970 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0773 W/kg



0 dB = 0.0773 W/kg = -11.12 dBW/kg

Test Plot 40#: Wi-Fi 2.4G_Mode G_Handheld Front_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

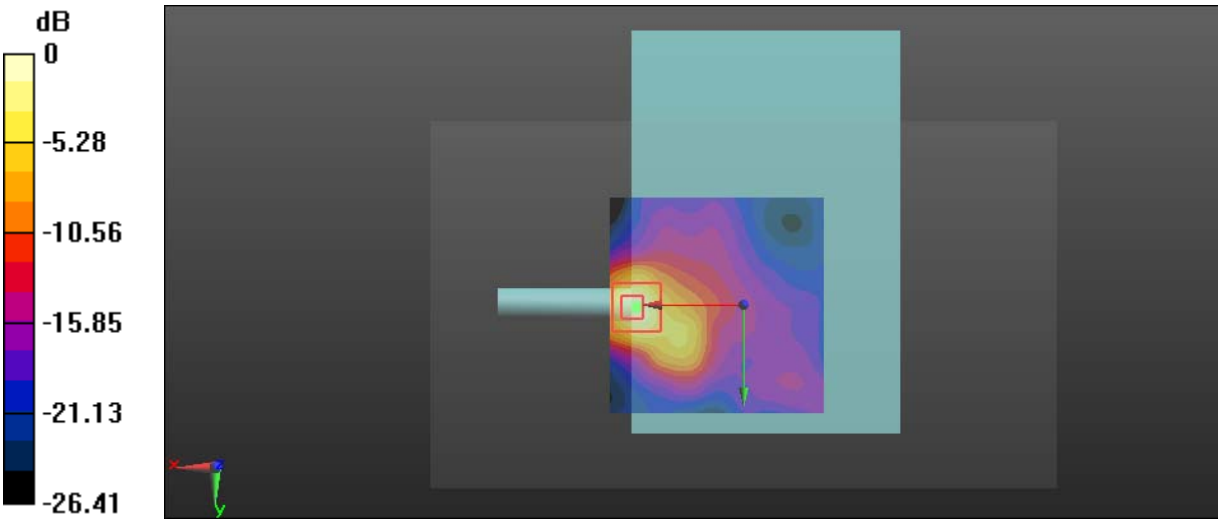
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.970 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.179 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.950 W/kg



0 dB = 0.950 W/kg = -0.22 dBW/kg

Test Plot 41#: Wi-Fi 2.4G_Mode G_Handheld Top_Chain 0_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

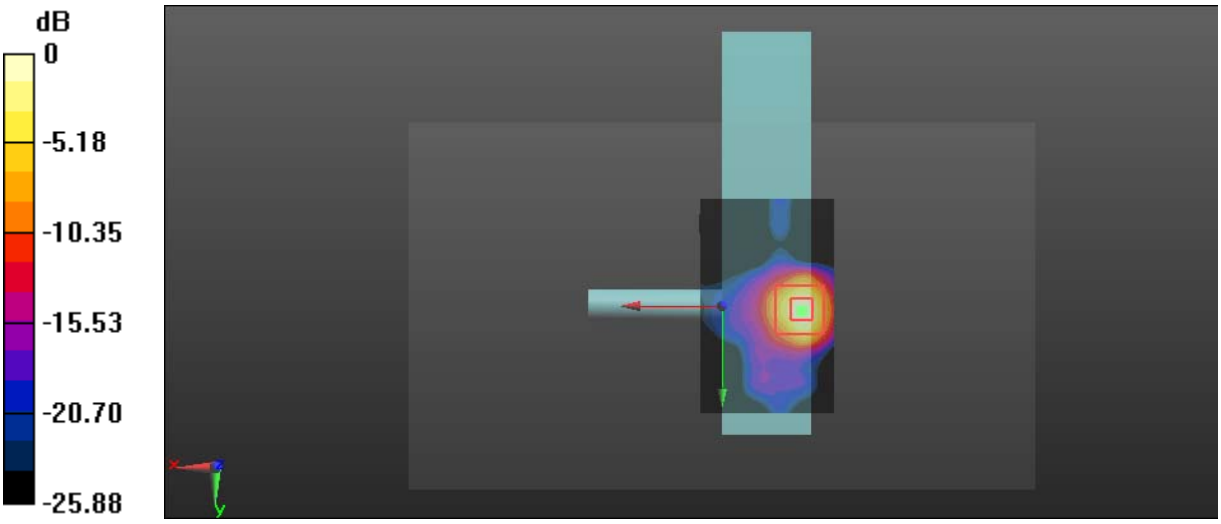
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2412 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2412 MHz; σ = 1.911 S/m; ε_r = 54.342; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.542 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.350 W/kg
Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

Test Plot 42#: Wi-Fi 2.4G_Mode G_Handheld Top_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

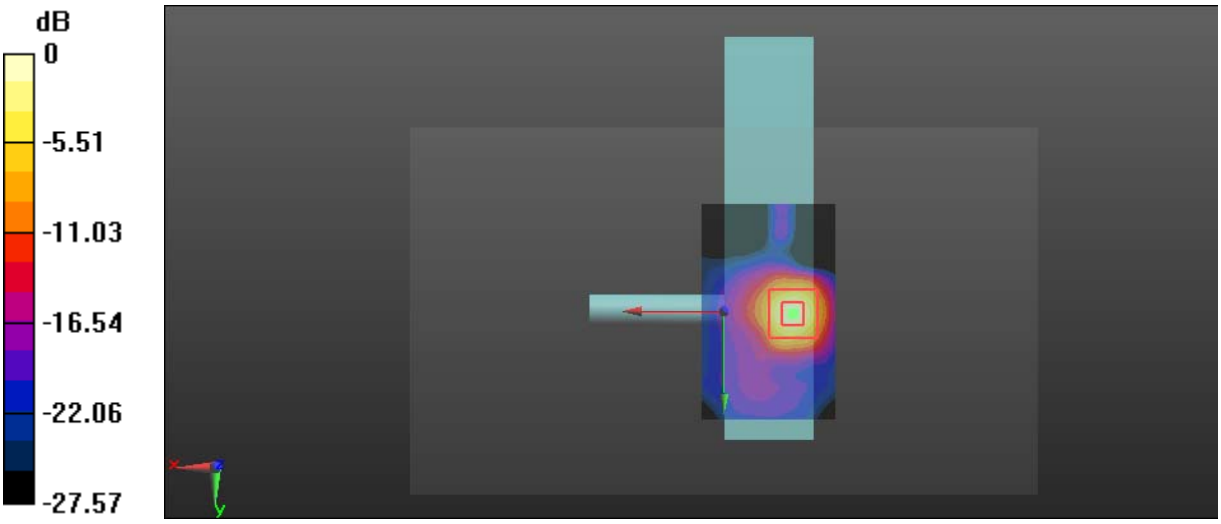
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.97 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.321 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.402 W/kg
Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 dBW/kg

Test Plot 43#: Wi-Fi 2.4G_Mode G_Handheld Top_Chain 0_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

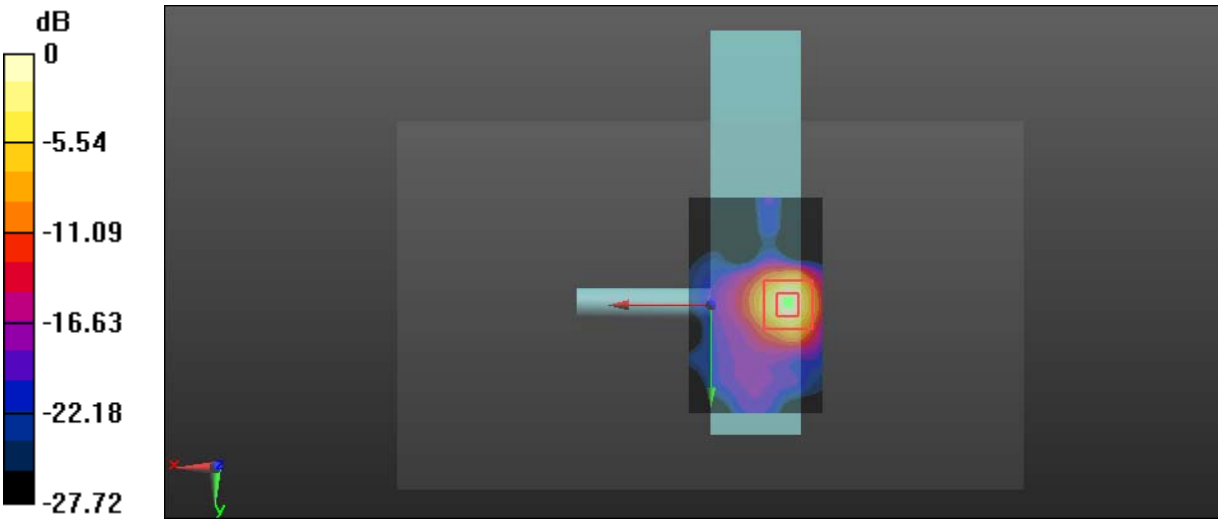
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2462 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2462 MHz; σ = 1.979 S/m; ε_r = 53.684; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.68 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.148 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

Test Plot 44#: Wi-Fi 2.4G_Mode G_Close to Body Back_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

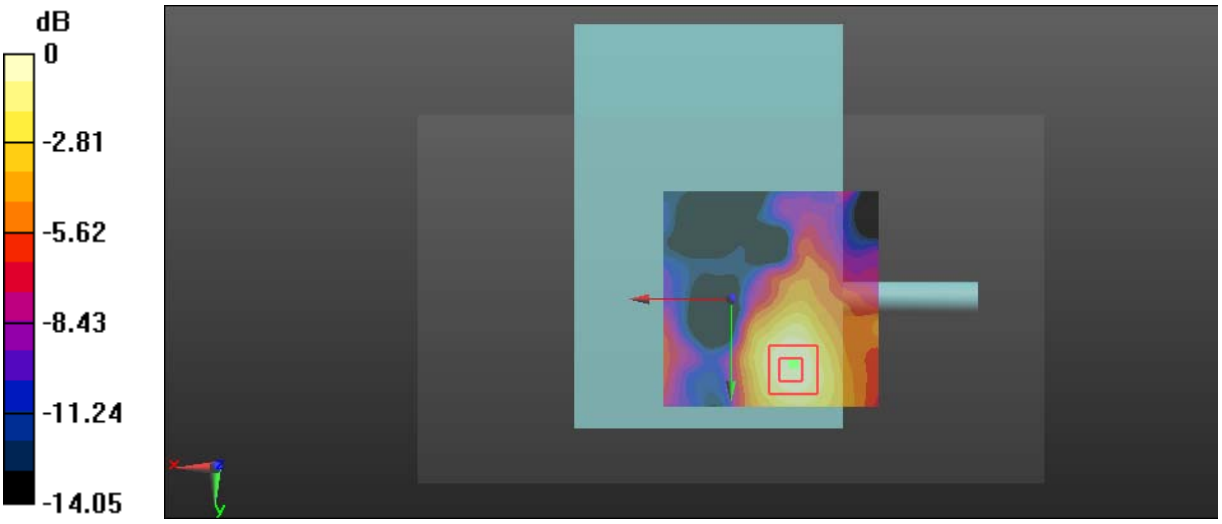
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0375 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.8420 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0450 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0369 W/kg



0 dB = 0.0369 W/kg = -14.33 dBW/kg

Test Plot 45#: Wi-Fi 2.4G_Mode G_Close to Body Front_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

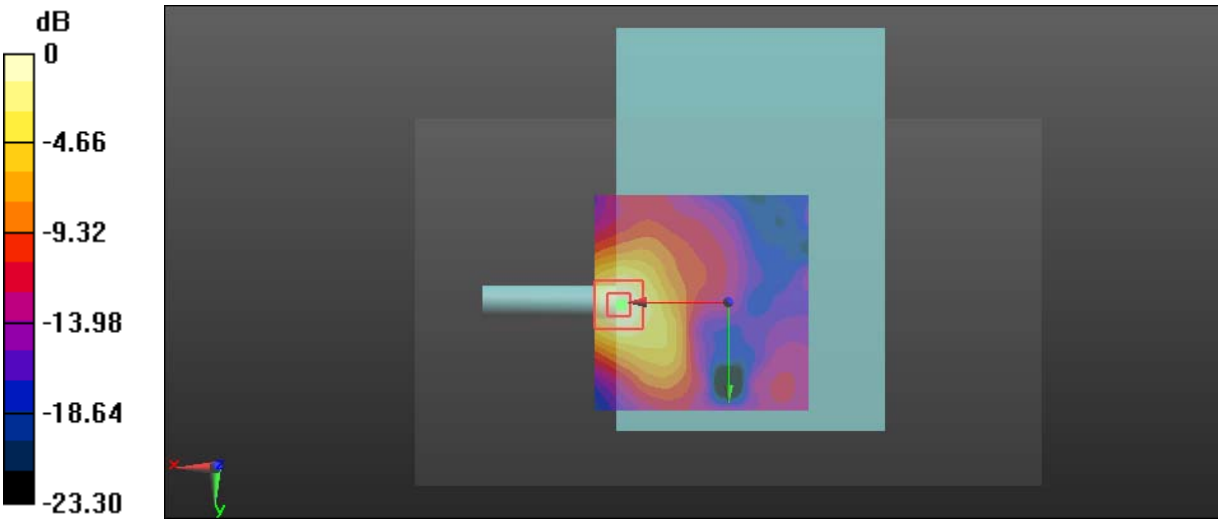
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.172 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.081 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.168 W/kg = -7.75 dBW/kg

Test Plot 46#: Wi-Fi 2.4G_Mode G_Close to Body Top_Chain 0_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

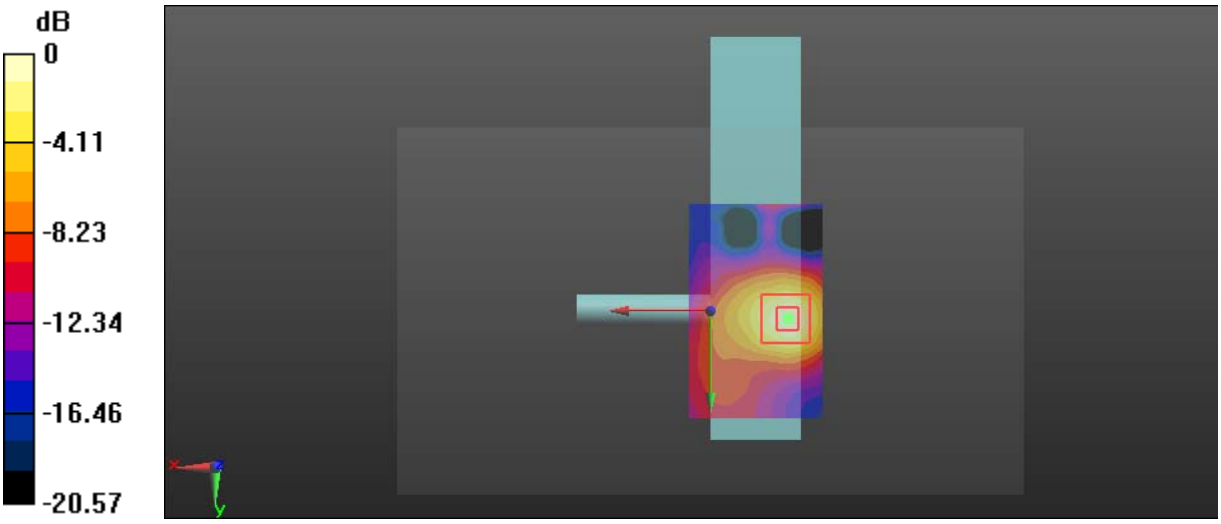
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2412 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2412 MHz; σ = 1.911 S/m; ε_r = 54.342; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.196 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.857 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

Test Plot 47#: Wi-Fi 2.4G_Mode G_Close to Body Top_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

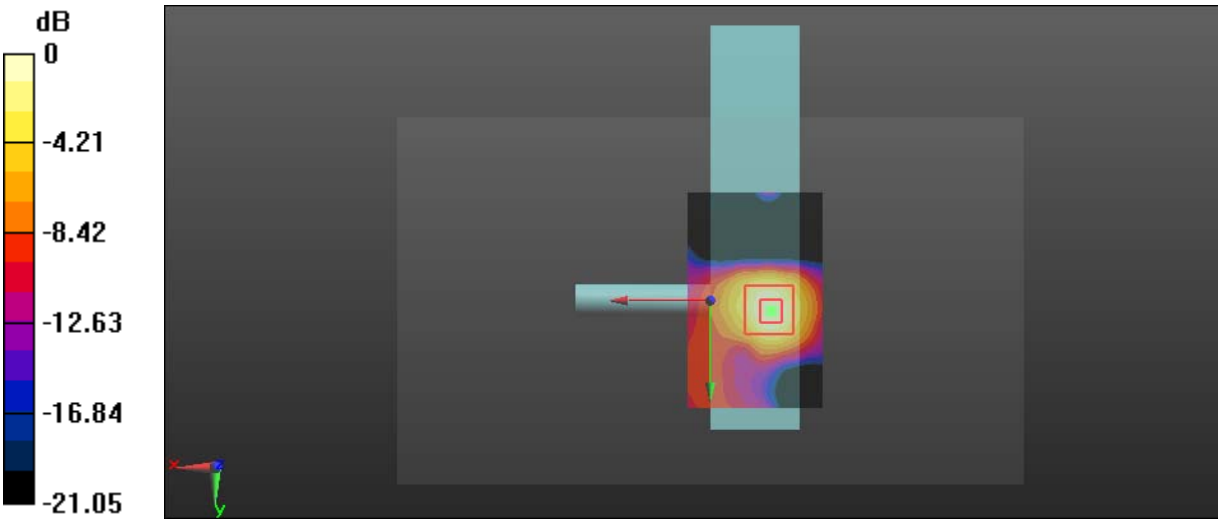
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.200 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.789 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.186 W/kg = -7.30 dBW/kg

Test Plot 48#: Wi-Fi 2.4G_Mode G_Close to Body Top_Chain 0_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

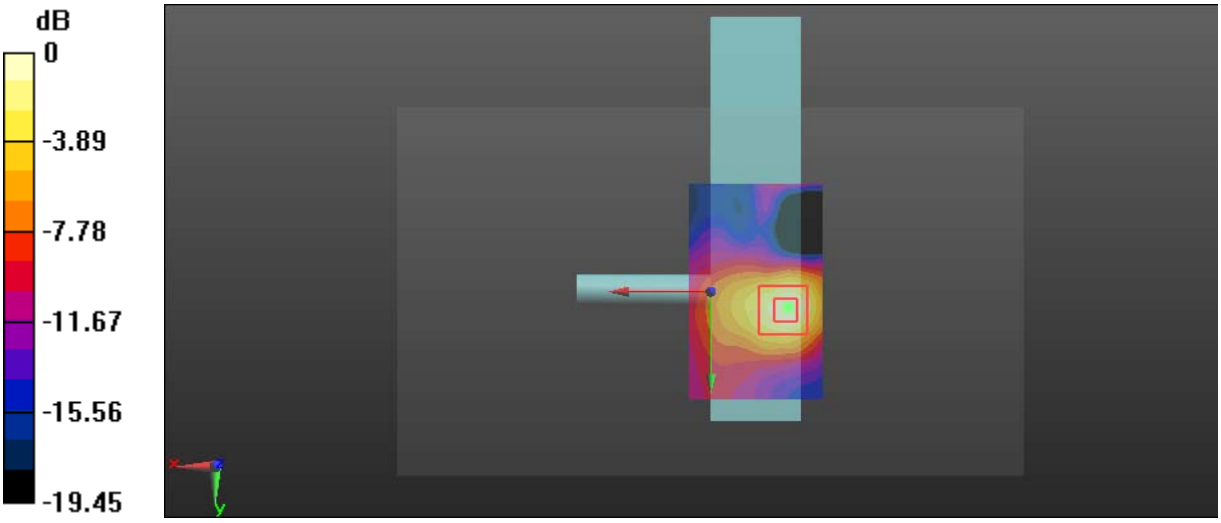
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2462 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2462 MHz; σ = 1.979 S/m; ε_r = 53.684; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.178 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.130 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg = -7.72 dBW/kg

Test Plot 49#: Wi-Fi 2.4G_Mode G_Handheld Back_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

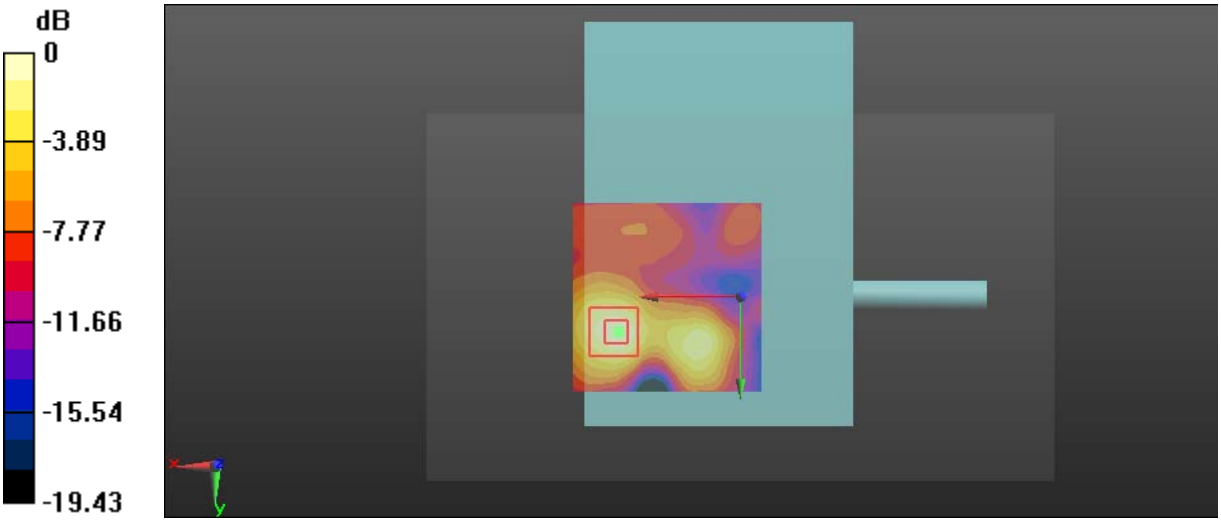
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0908 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.341 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0925 W/kg



0 dB = 0.0925 W/kg = -10.34 dBW/kg

Test Plot 50#: Wi-Fi 2.4G_Mode G_Handheld Front_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

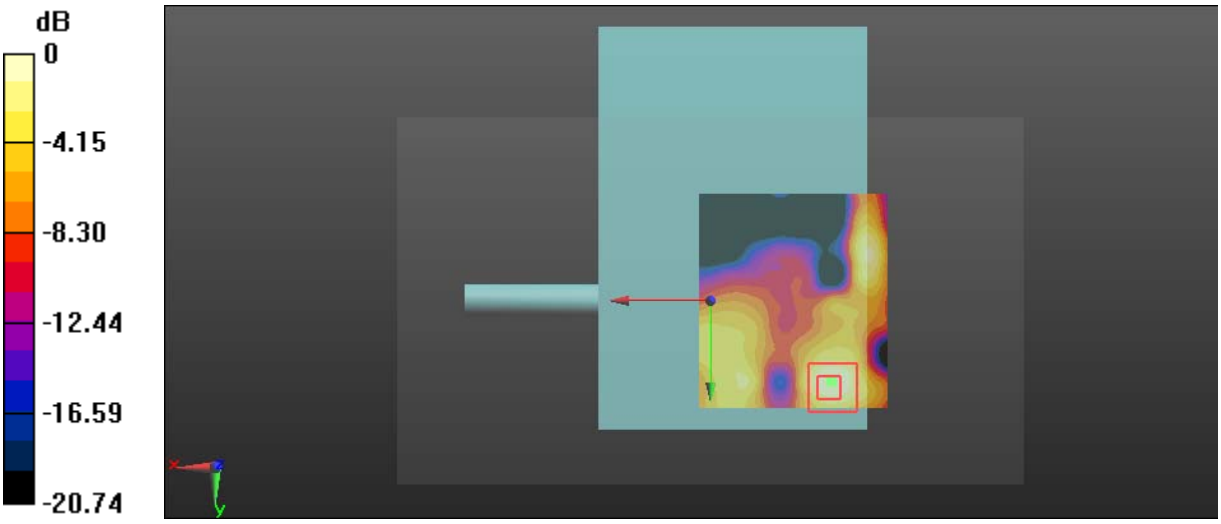
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0668 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.789 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0910 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0722 W/kg



0 dB = 0.0722 W/kg = -11.41 dBW/kg

Test Plot 51#: Wi-Fi 2.4G_Mode G_Handheld Bottom_Chain 1_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

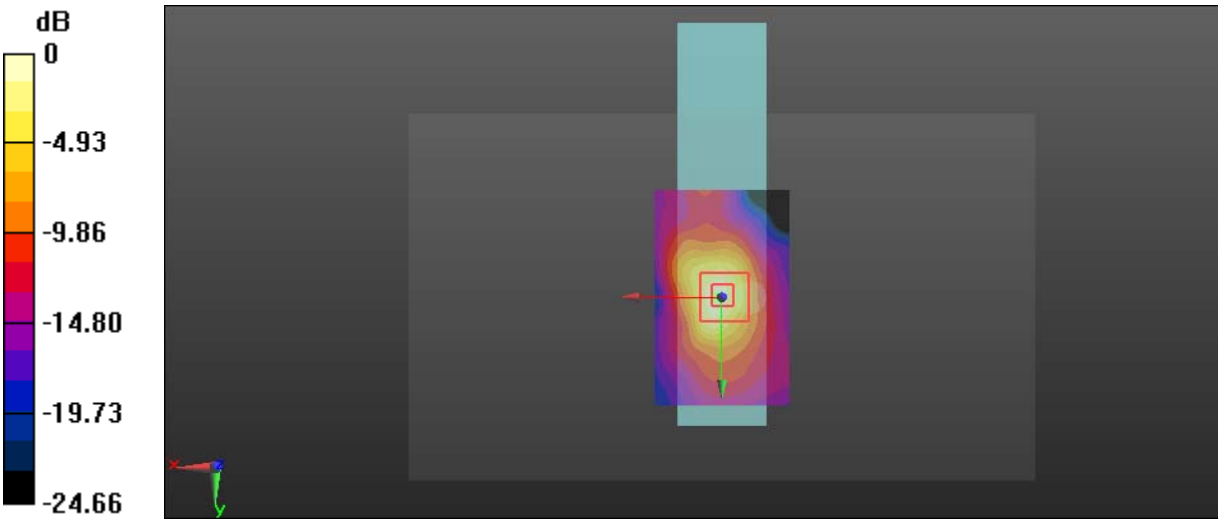
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2412 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2412 MHz; σ = 1.911 S/m; ε_r = 54.342; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.237 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.86 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Test Plot 52#: Wi-Fi 2.4G_Mode G_Handheld Bottom_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

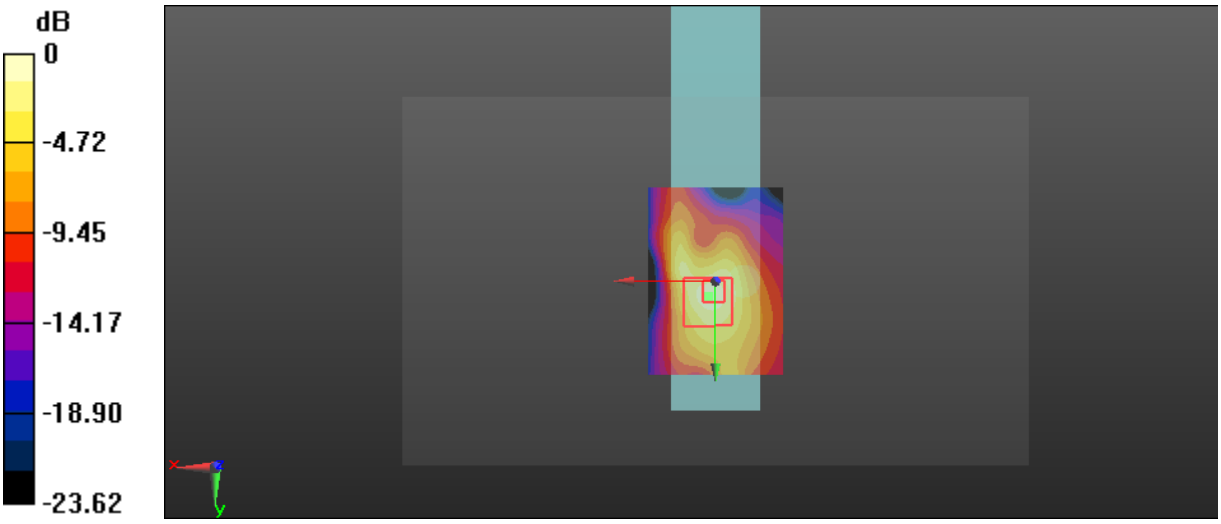
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.196 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.13 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Test Plot 53#: Wi-Fi 2.4G_Mode G_Handheld Bottom_Chain 1_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

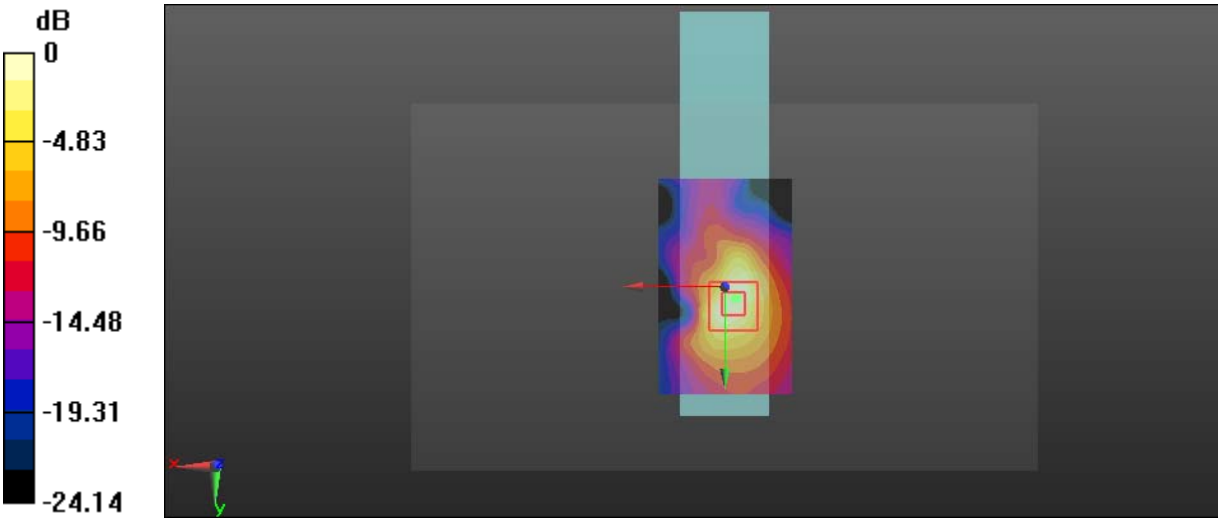
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2462 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2462 MHz; σ = 1.979 S/m; ε_r = 53.684; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.311 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.76 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

Test Plot 54#: Wi-Fi 2.4G_Mode G_Close to Body Back_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

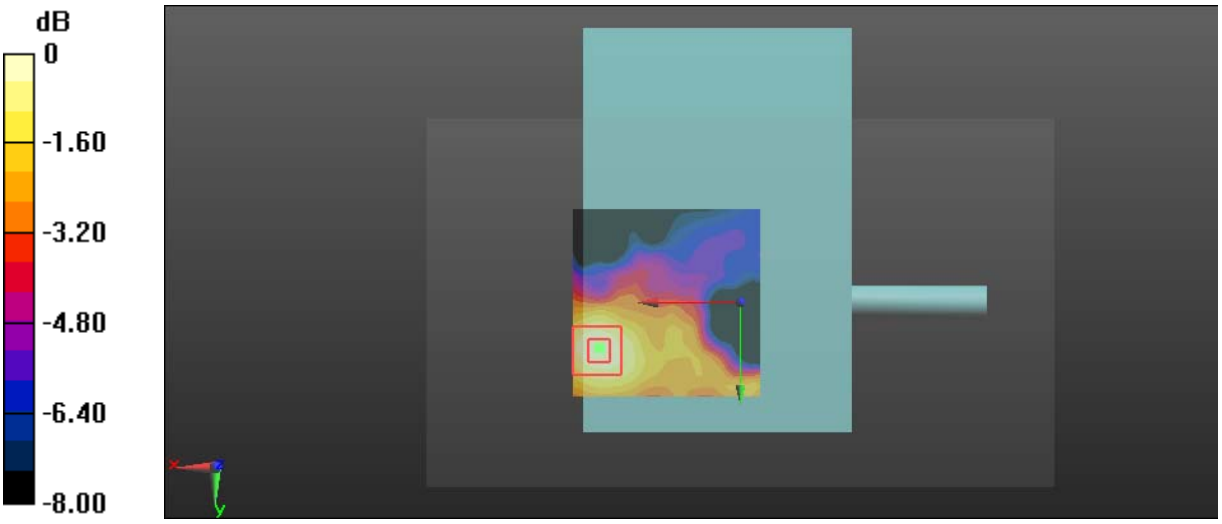
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0161 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.8110 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0200 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00572 W/kg
Maximum value of SAR (measured) = 0.0162 W/kg



0 dB = 0.0162 W/kg = -17.90 dBW/kg

Test Plot 55#: Wi-Fi 2.4G_Mode G_Close to Body Front_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

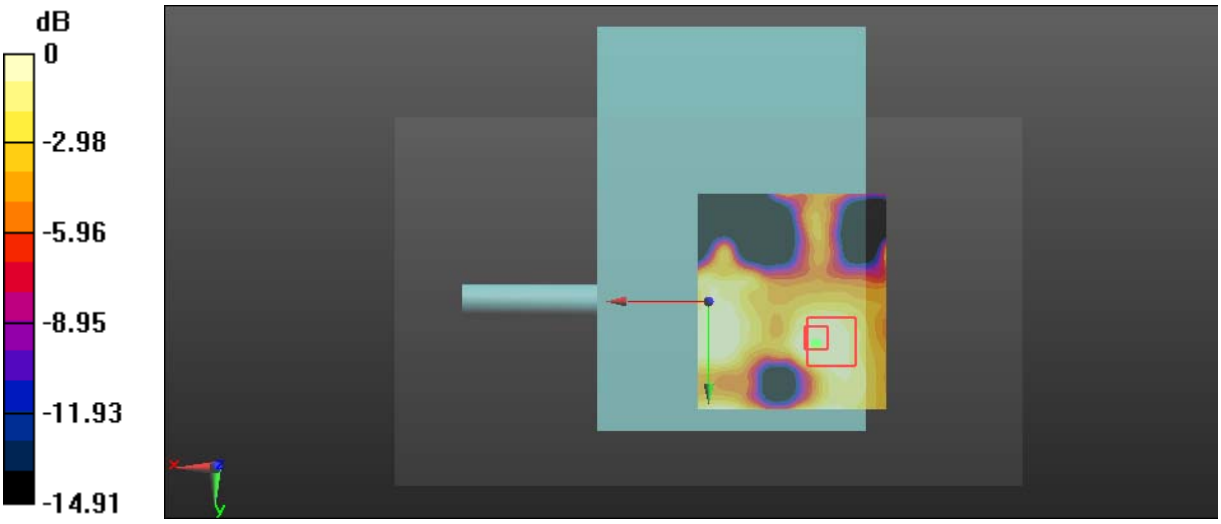
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0240 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.893 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.0232 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00747 W/kg
Maximum value of SAR (measured) = 0.0186 W/kg



0 dB = 0.0186 W/kg = -17.30 dBW/kg

Test Plot 56#: Wi-Fi 2.4G_Mode G_Close to Body Bottom_Chain 1_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

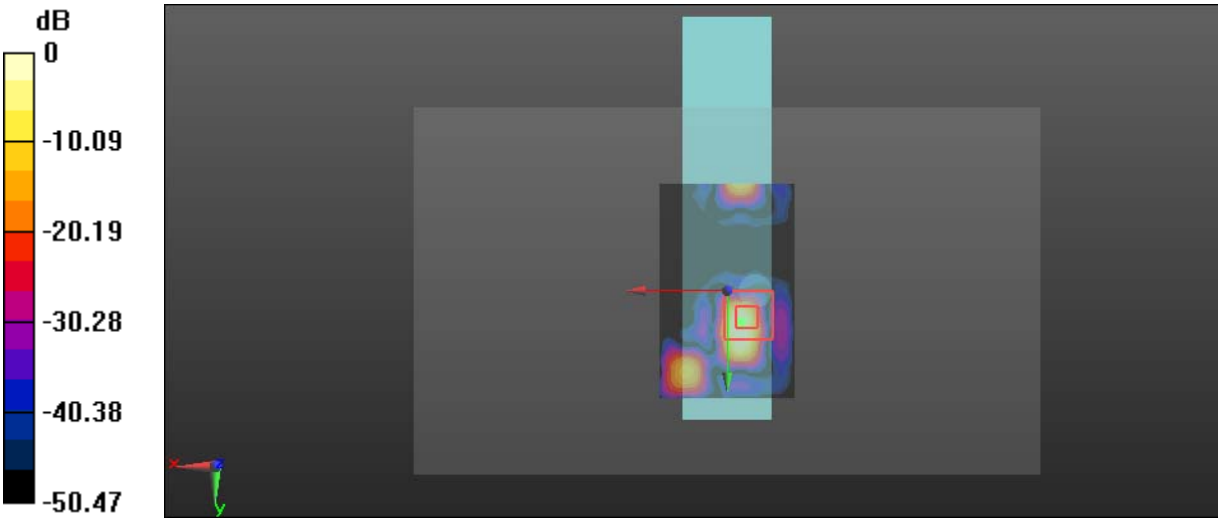
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2412 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2412 MHz; σ = 1.911 S/m; ε_r = 54.342; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0486 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.865 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0375 W/kg



0 dB = 0.0375 W/kg = -14.26 dBW/kg

Test Plot 57#: Wi-Fi 2.4G_Mode G_Close to Body Bottom_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

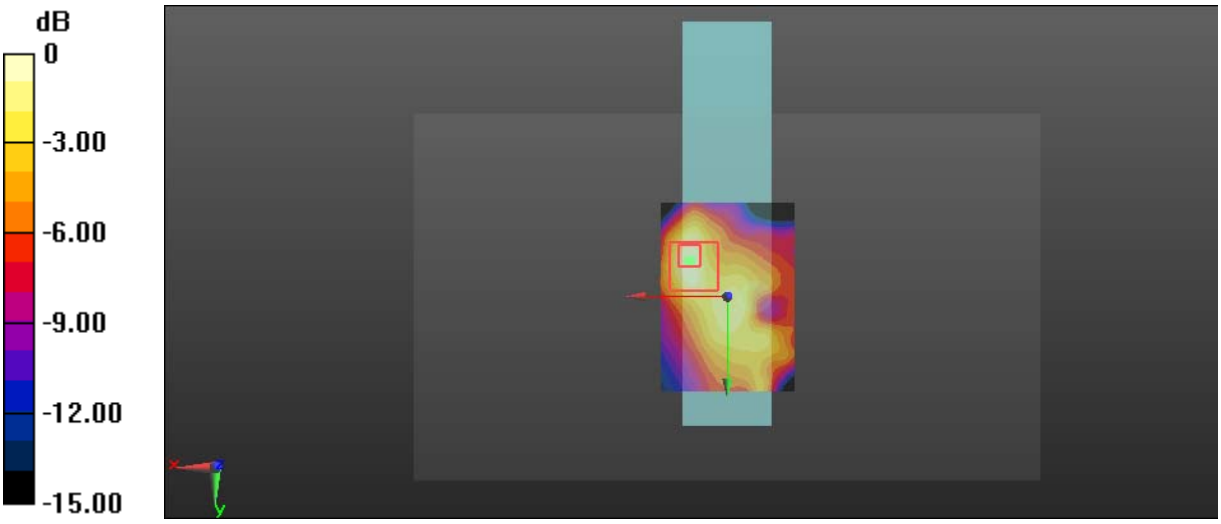
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2437 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2437 MHz; σ = 1.945 S/m; ε_r = 54.19; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0457 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.403 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0890 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0446 W/kg



0 dB = 0.0446 W/kg = -13.51 dBW/kg

Test Plot 58#: Wi-Fi 2.4G_Mode G_Close to Body Bottom_Chain 1_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

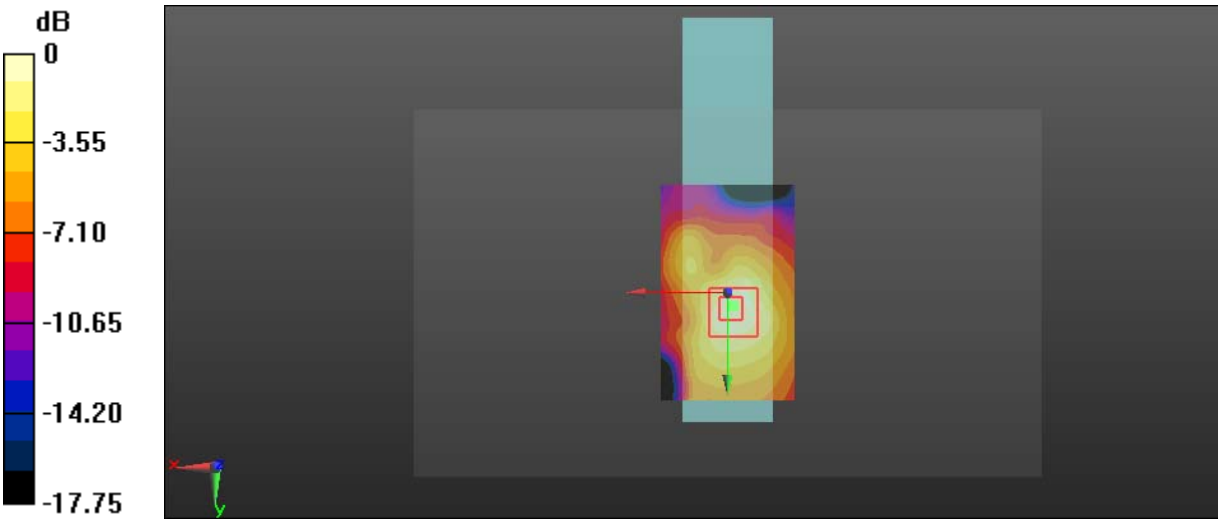
Communication System: IEEE 802.11g WiFi 2.4 GHz; Frequency: 2462 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 2462 MHz; σ = 1.979 S/m; ε_r = 53.684; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0480 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.145 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.0610 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0490 W/kg



0 dB = 0.0490 W/kg = -13.10 dBW/kg

Test Plot 59#: Wi-Fi 5.2G_Mode A_Handheld Back_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

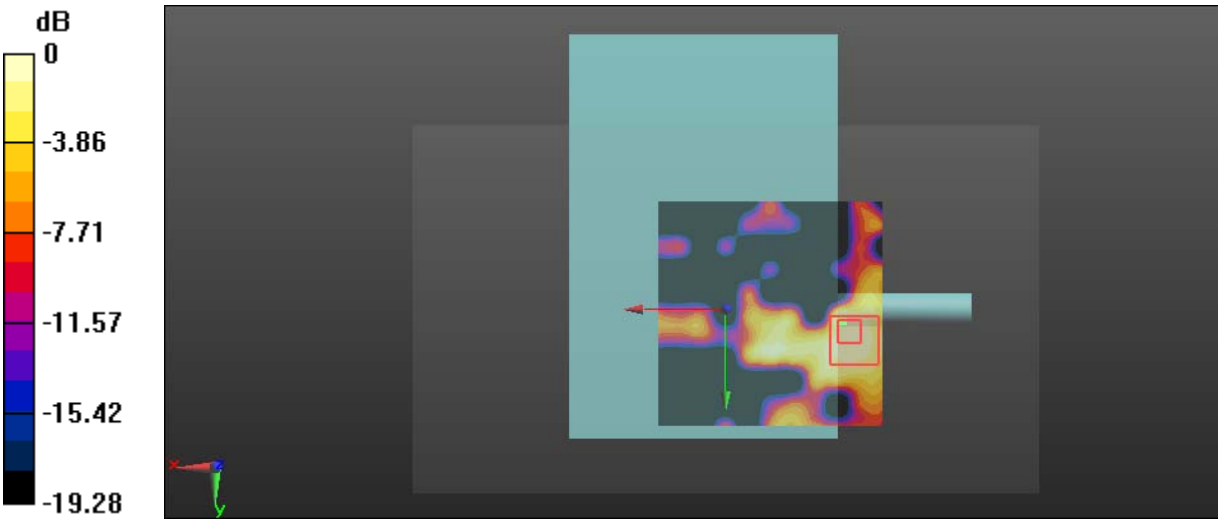
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.106 W/kg

Zoom Scan (8x9x16)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.8020 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0645 W/kg



0 dB = 0.0645 W/kg = -11.90 dBW/kg

Test Plot 60#: Wi-Fi 5.2G_Mode A_Handheld Front_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

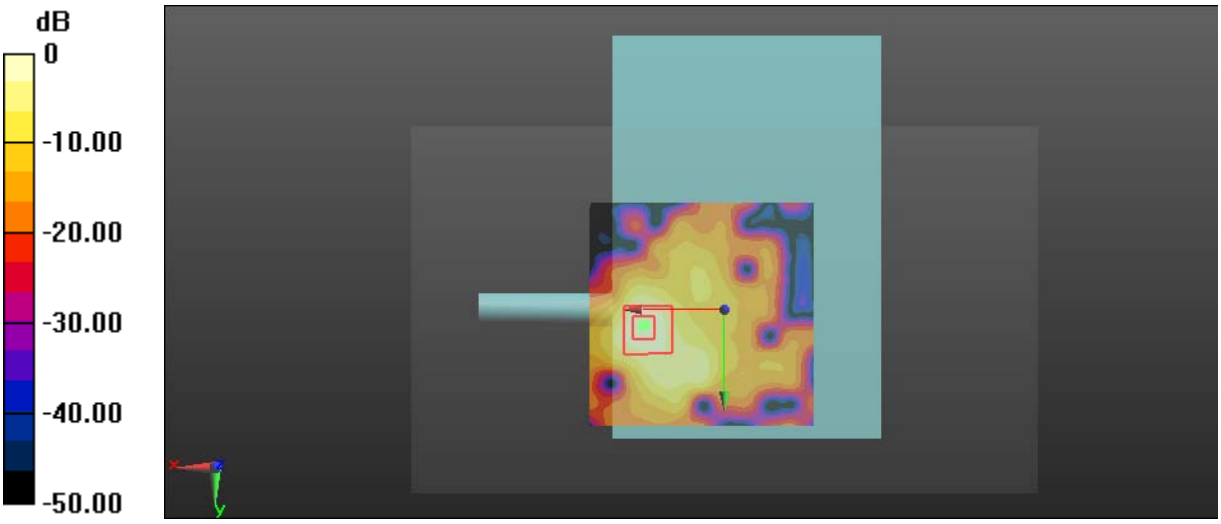
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.546 W/kg

Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.045 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.956 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.530 W/kg = -2.76 dBW/kg

Test Plot 61#: Wi-Fi 5.2G_Mode A_Handheld Top_Chain 0_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

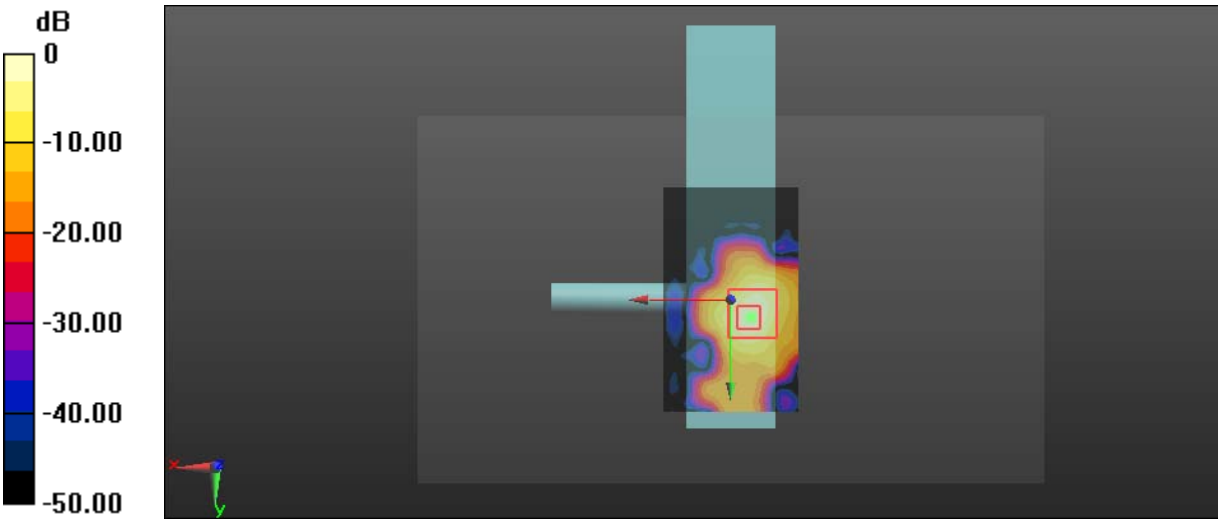
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5180 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5180 MHz; σ = 5.465 S/m; ε_r = 50.682; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.517 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

Test Plot 62#: Wi-Fi 5.2G_Mode A_Handheld Top_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

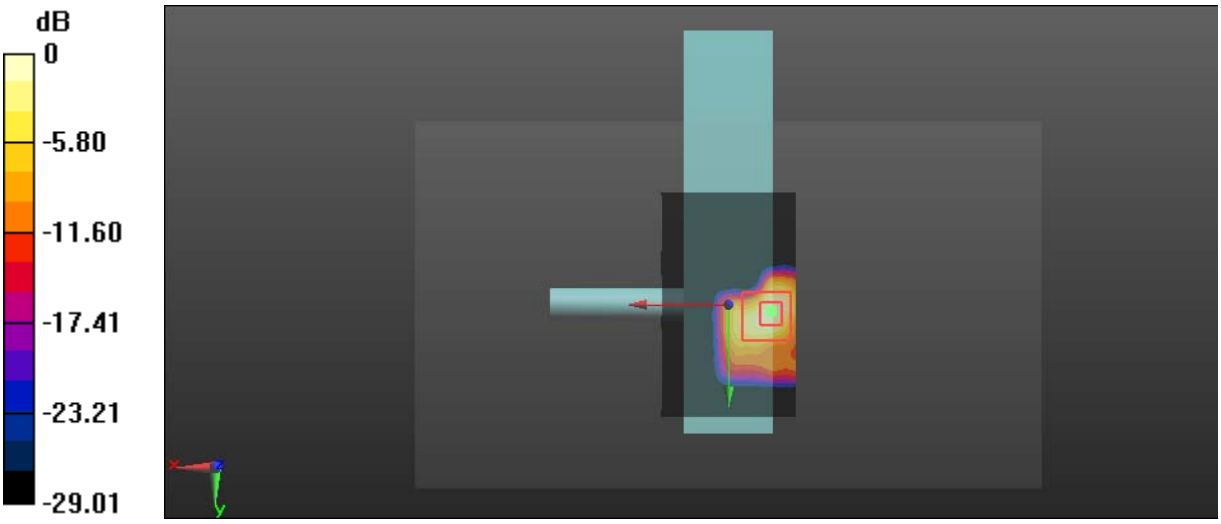
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 6.038 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Test Plot 63#: Wi-Fi 5.2G_Mode A_Handheld Top_Chain 0_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

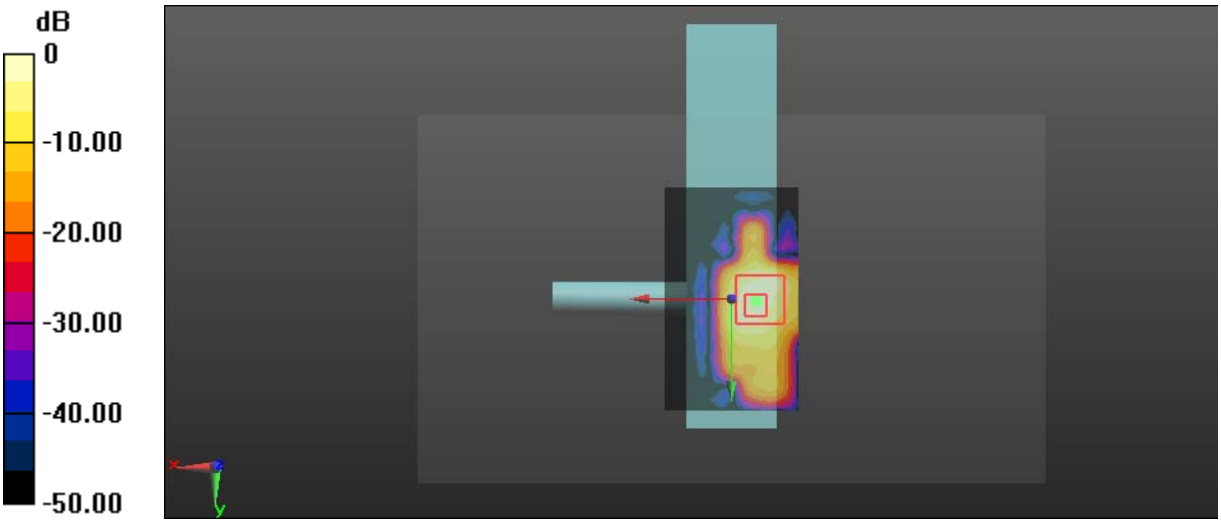
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5240 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5240 MHz; σ = 5.513 S/m; ε_r = 50.506; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.986 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.491 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Plot 64#: Wi-Fi 5.2G_Mode A_Close to Body Back_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

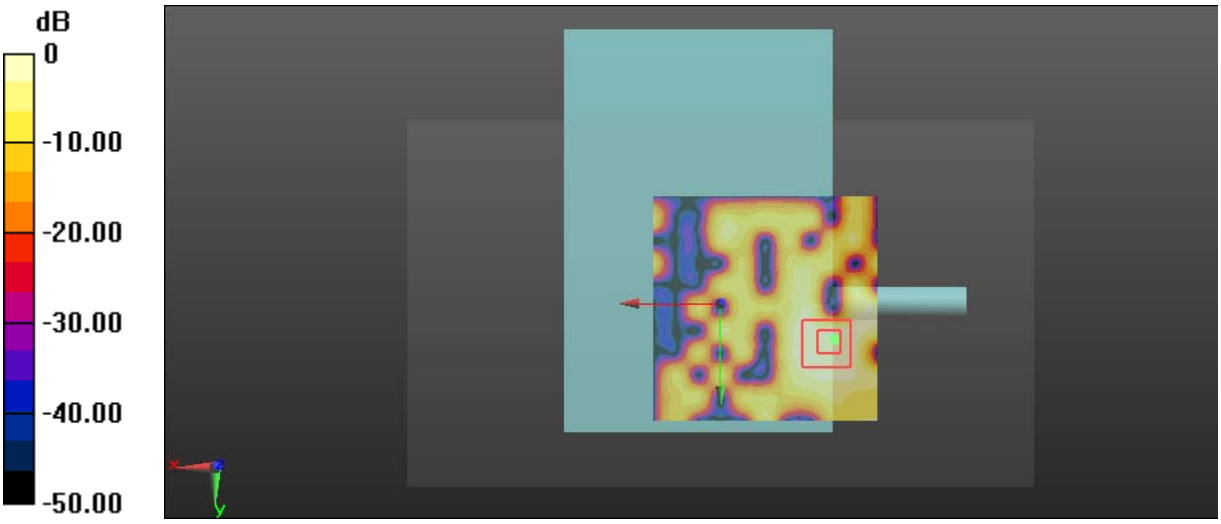
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0560 W/kg

Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.144 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00841 W/kg
Maximum value of SAR (measured) = 0.0491 W/kg



0 dB = 0.0491 W/kg = -13.09 dBW/kg

Test Plot 65#: Wi-Fi 5.2G_Mode A_Close to Body Front_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

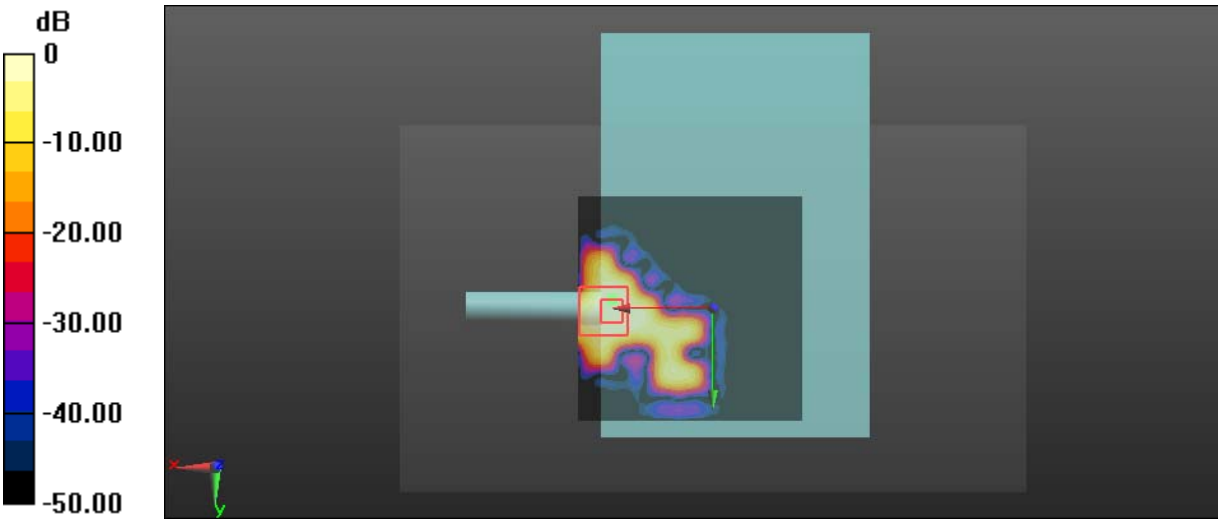
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.201 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.381 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

Test Plot 66#: Wi-Fi 5.2G_Mode A_Close to Body Top_Chain 0_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

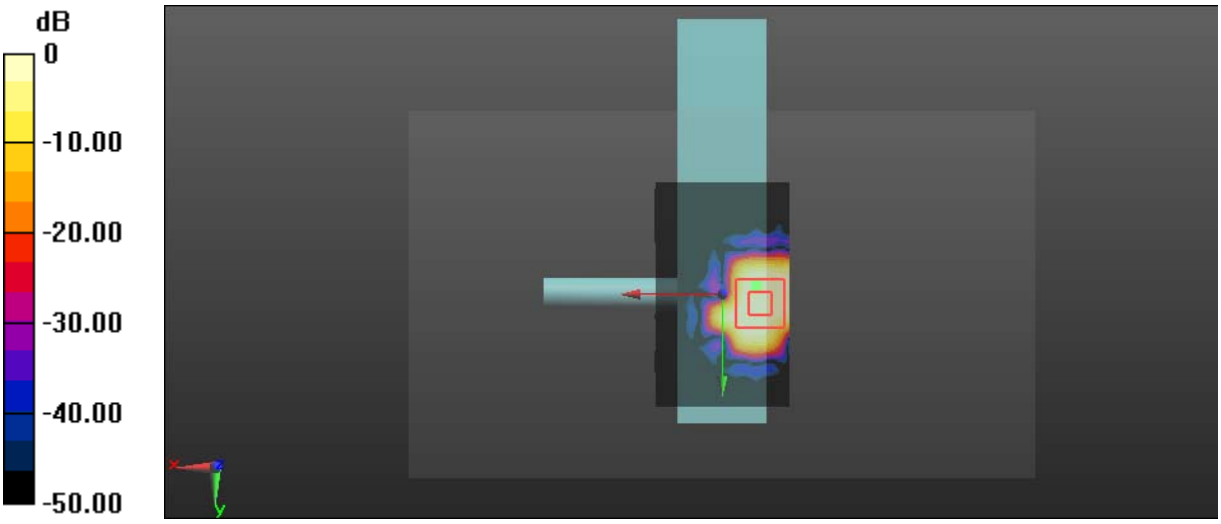
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5180 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5180 MHz; σ = 5.465 S/m; ε_r = 50.682; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

Zoom Scan (7x8x16)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.378 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg = -7.47 dBW/kg

Test Plot 67#: Wi-Fi 5.2G_Mode A_Close to Body Top_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

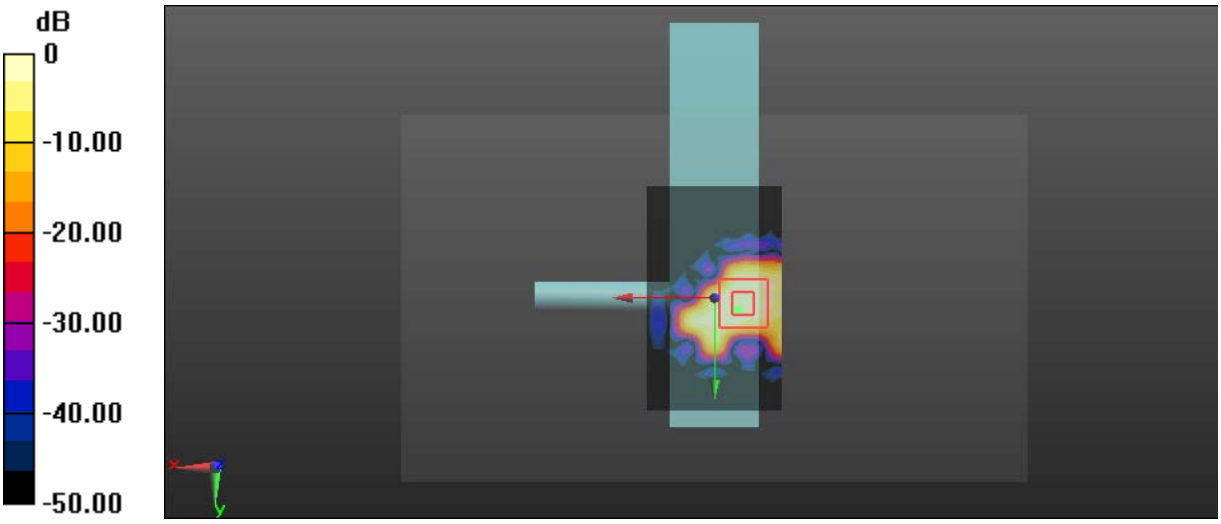
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.313 W/kg

Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.074 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

Test Plot 68#: Wi-Fi 5.2G_Mode A_Close to Body Top_Chain 0_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

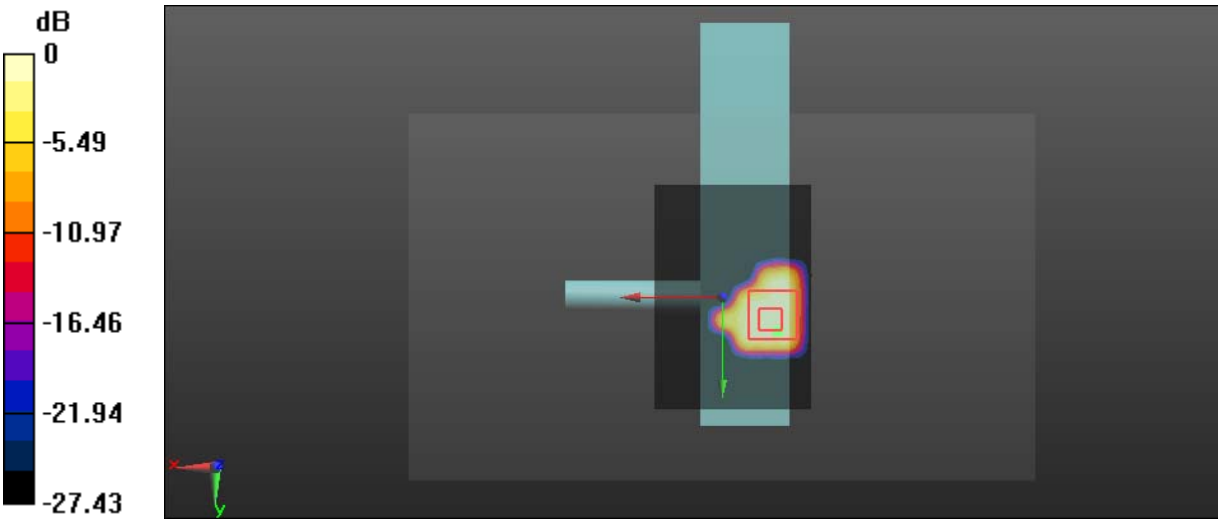
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5240 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5240 MHz; σ = 5.513 S/m; ε_r = 50.506; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.296 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.737 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg = -6.93 dBW/kg

Test Plot 69#: Wi-Fi 5.2G_Mode A_Handheld Back_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

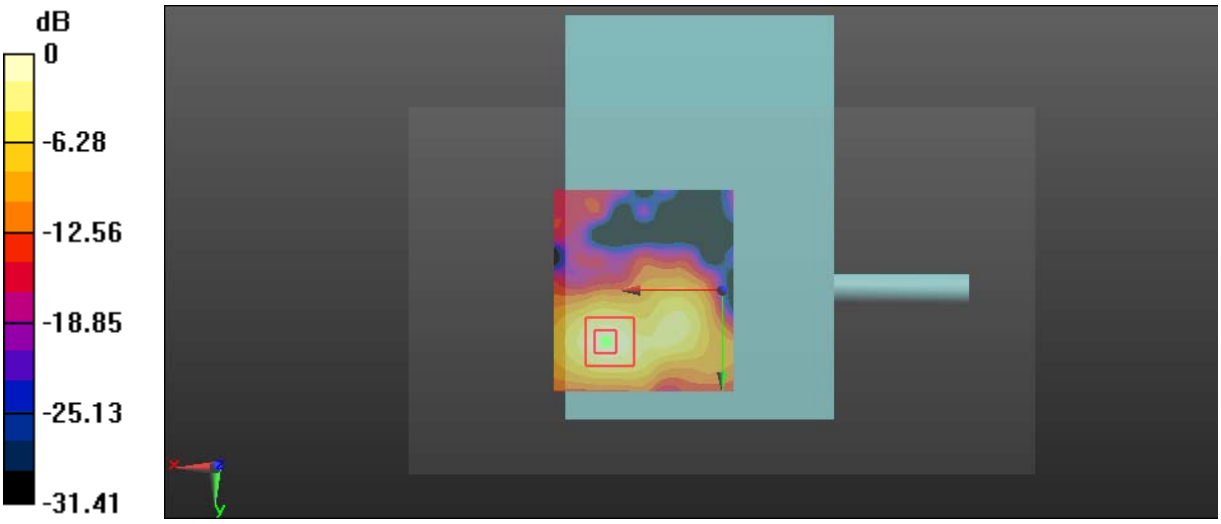
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.408 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.448 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.584 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg = -4.03 dBW/kg

Test Plot 70#: Wi-Fi 5.2G_Mode A_Handheld Front_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

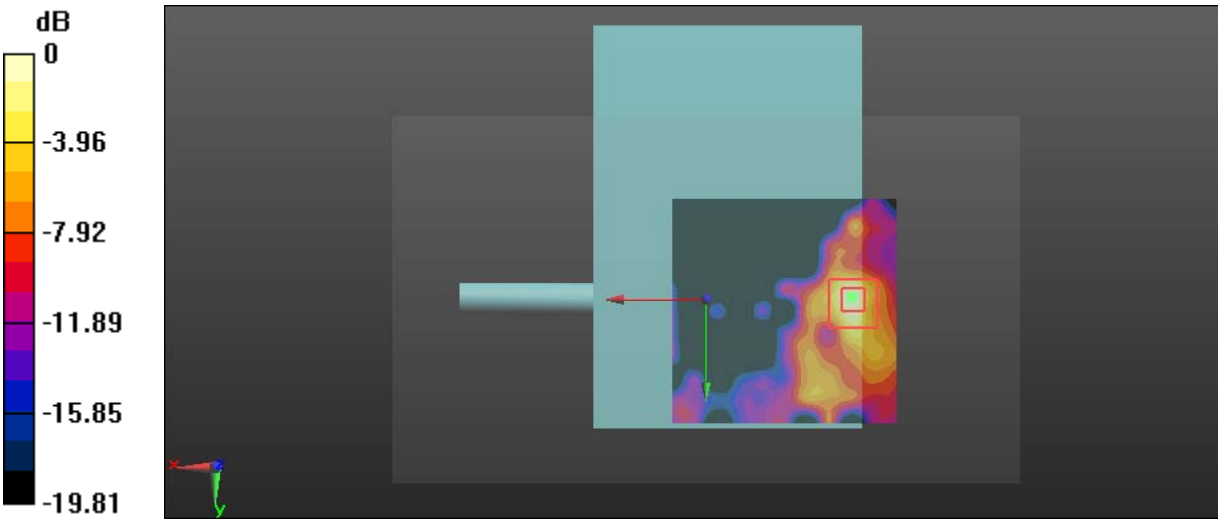
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.199 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.3320 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

Test Plot 71#: Wi-Fi 5.2G_Mode A_Handheld Bottom_Chain 1_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

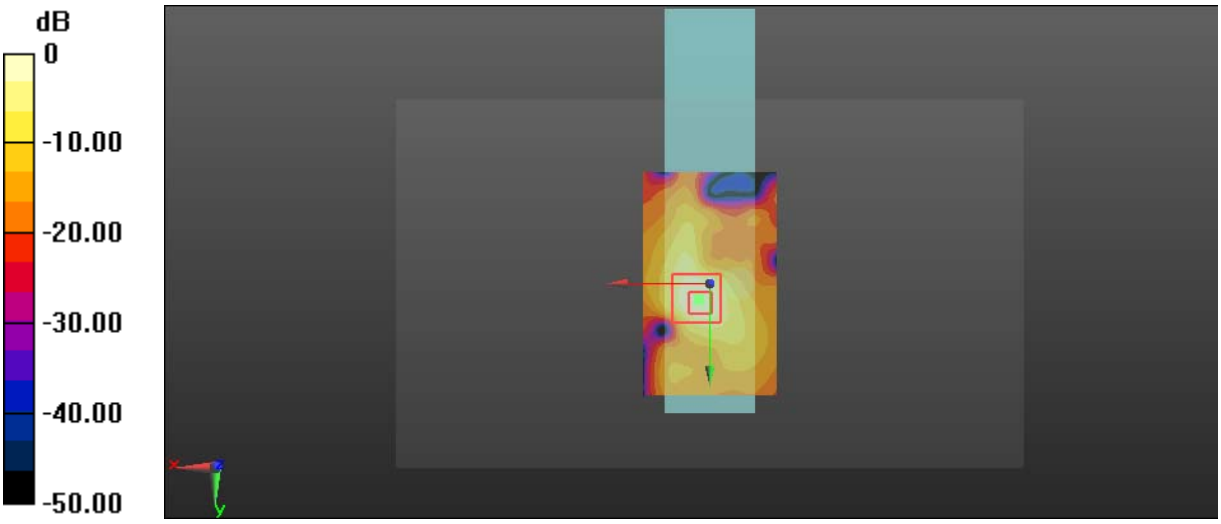
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5180 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5180 MHz; σ = 5.465 S/m; ε_r = 50.682; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.900 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 9.911 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

Test Plot 72#: Wi-Fi 5.2G_Mode A_Handheld Bottom_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

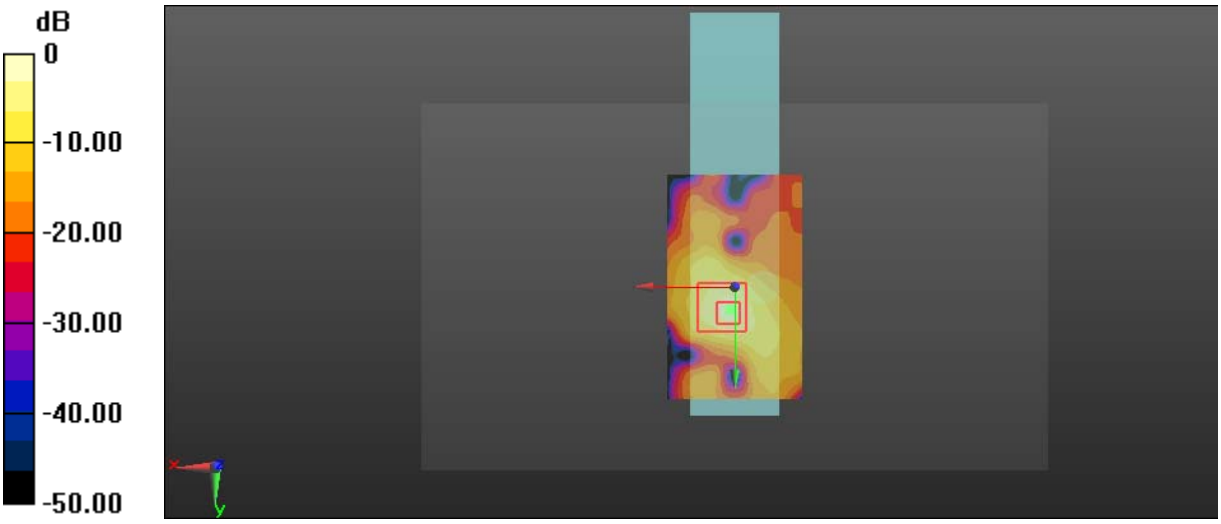
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.649 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.863 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.983 W/kg



0 dB = 0.983 W/kg = -0.07 dBW/kg

Test Plot 73#: Wi-Fi 5.2G_Mode A_Handheld Bottom_Chain 1_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

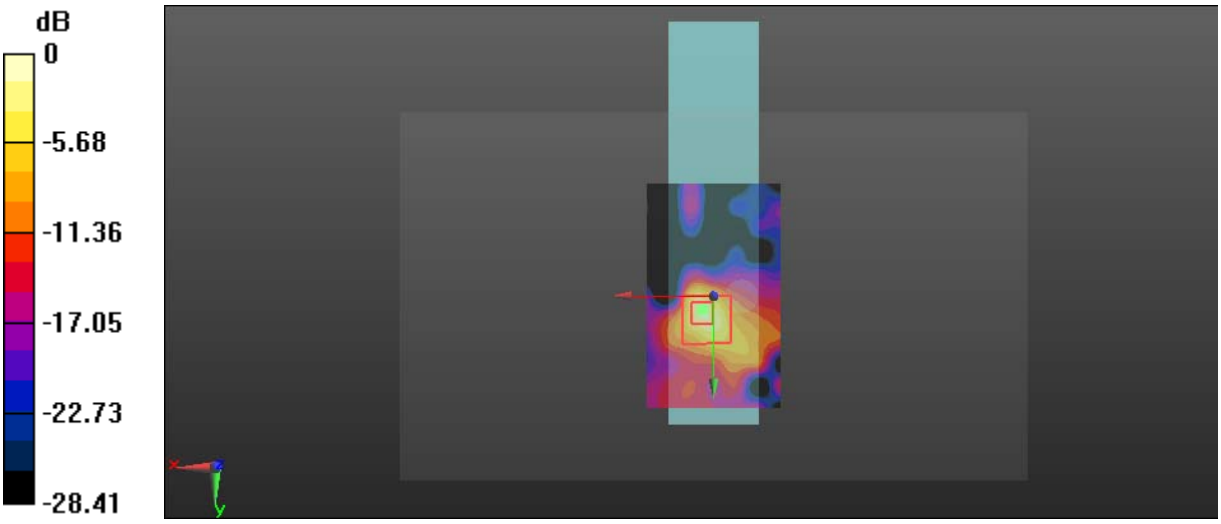
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5240 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5240 MHz; σ = 5.513 S/m; ε_r = 50.506; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.752 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 8.499 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Plot 74#: Wi-Fi 5.2G_Mode A_Close to Body Back_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

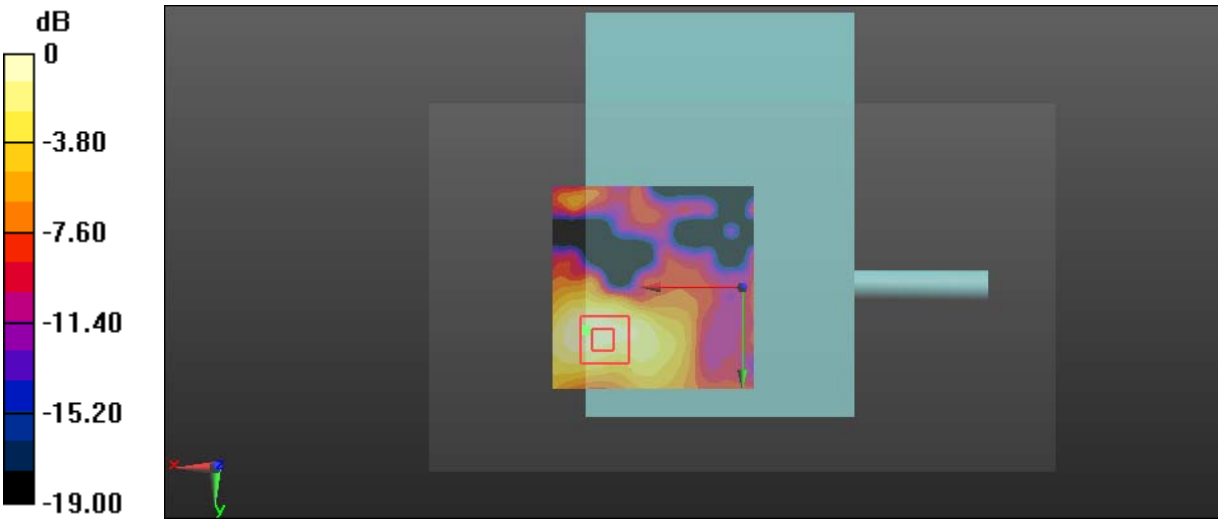
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0864 W/kg

Zoom Scan (9x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.666 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0902 W/kg



0 dB = 0.0902 W/kg = -10.45 dBW/kg

Test Plot 75#: Wi-Fi 5.2G_Mode A_Close to Body Front_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

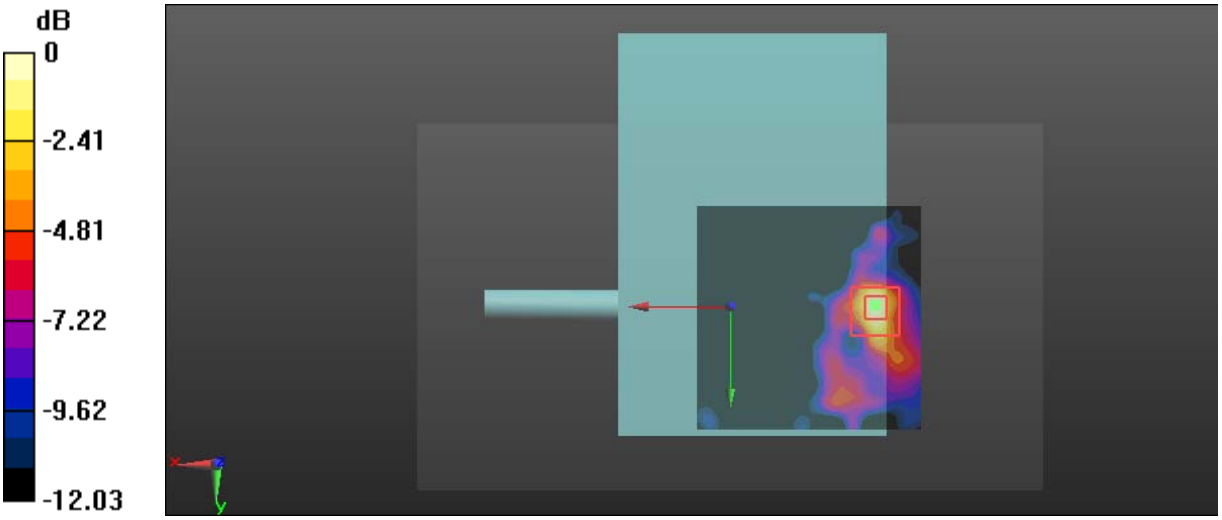
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0367 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.1425 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0746 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00461 W/kg
Maximum value of SAR (measured) = 0.0376 W/kg



0 dB = 0.0376 W/kg = -14.25 dBW/kg

Test Plot 76#: Wi-Fi 5.2G_Mode A_Close to Body Bottom_Chain 1_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

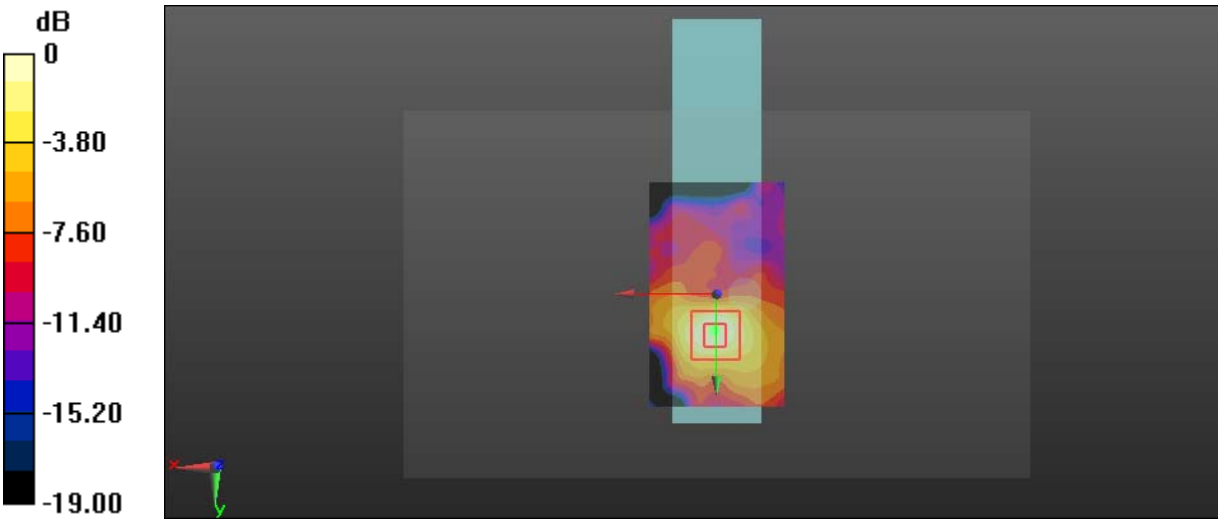
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5180 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5180 MHz; σ = 5.465 S/m; ε_r = 50.682; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.181 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.622 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.171 W/kg = -7.67 dBW/kg

Test Plot 77#: Wi-Fi 5.2G_Mode A_Close to Body Bottom_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

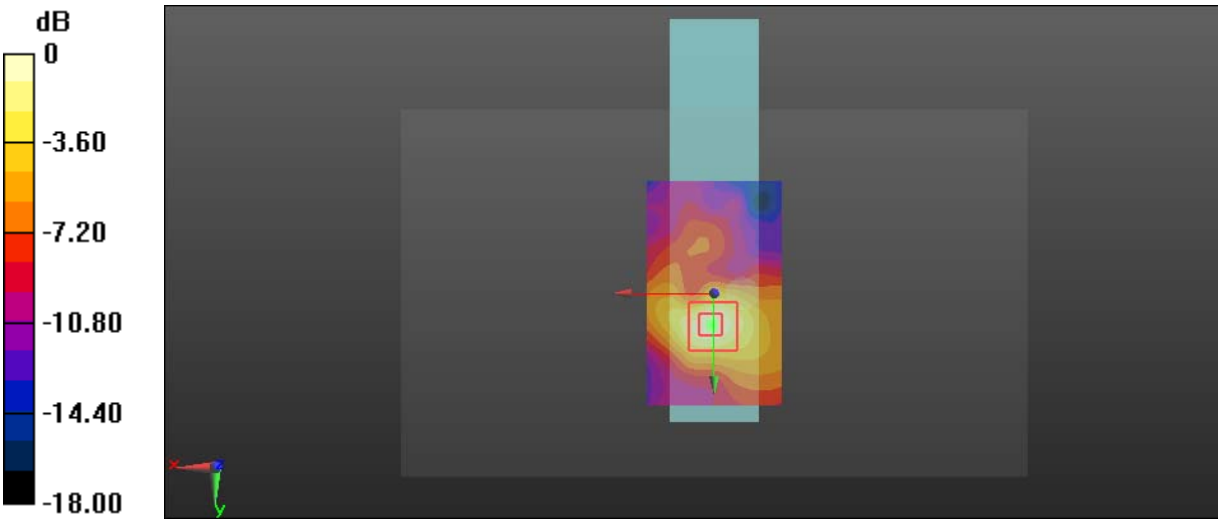
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5200 MHz; σ = 5.481 S/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.202 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.547 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

Test Plot 78#: Wi-Fi 5.2G_Mode A_Close to Body Bottom_Chain 1_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

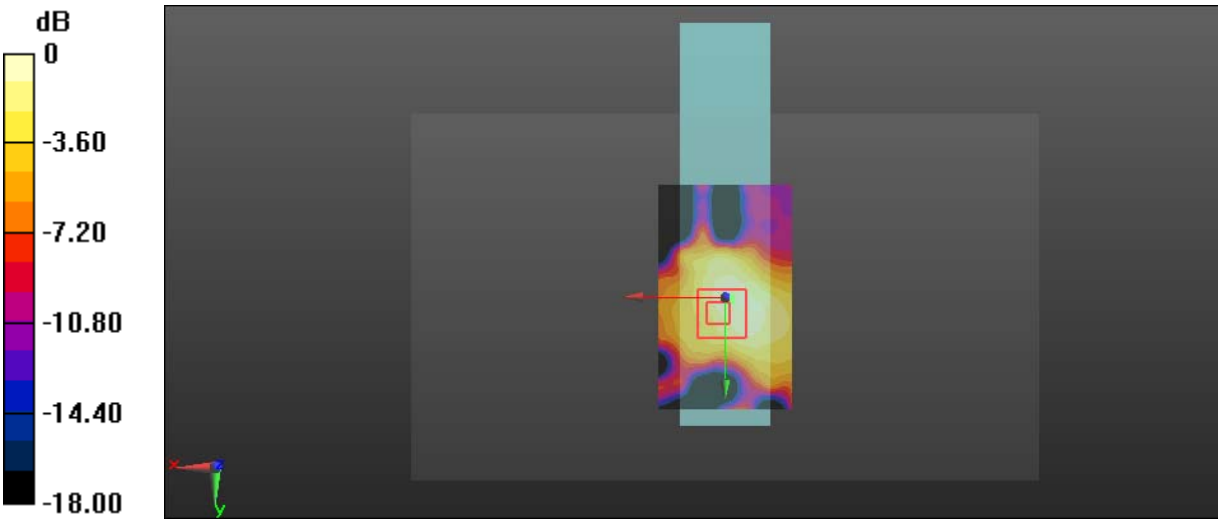
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5240 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5240 MHz; σ = 5.513 S/m; ε_r = 50.506; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(5.22, 5.22, 5.22); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.134 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 6.030 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg

Test Plot 79#: Wi-Fi 5.8G_Mode A_Handheld Back_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

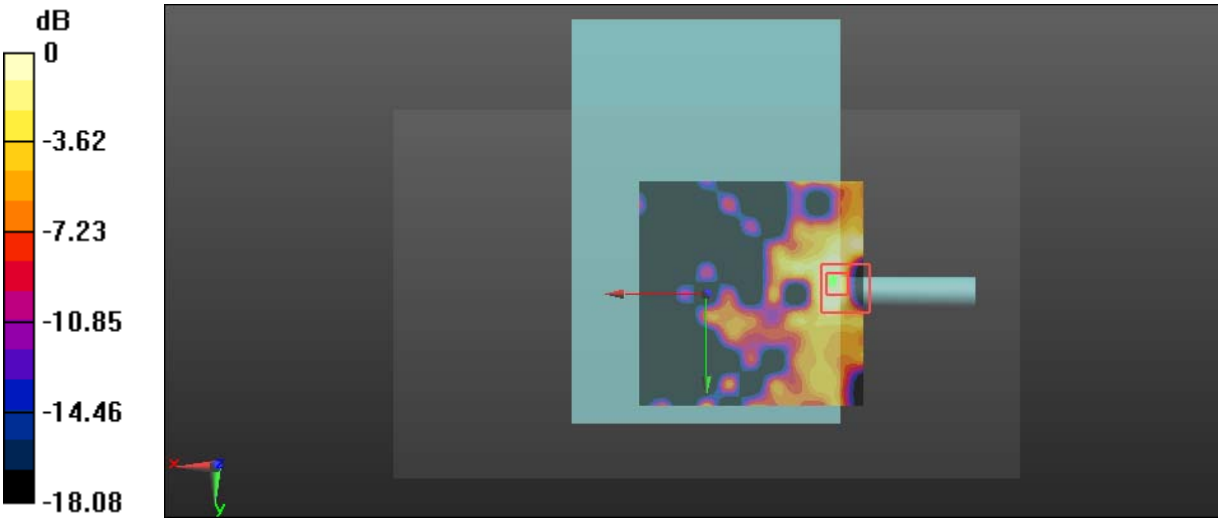
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0880 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.381 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0510 W/kg



0 dB = 0.0510 W/kg = -12.92 dBW/kg

Test Plot 80#: Wi-Fi 5.8G_Mode A_Handheld Front_Chain 0_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

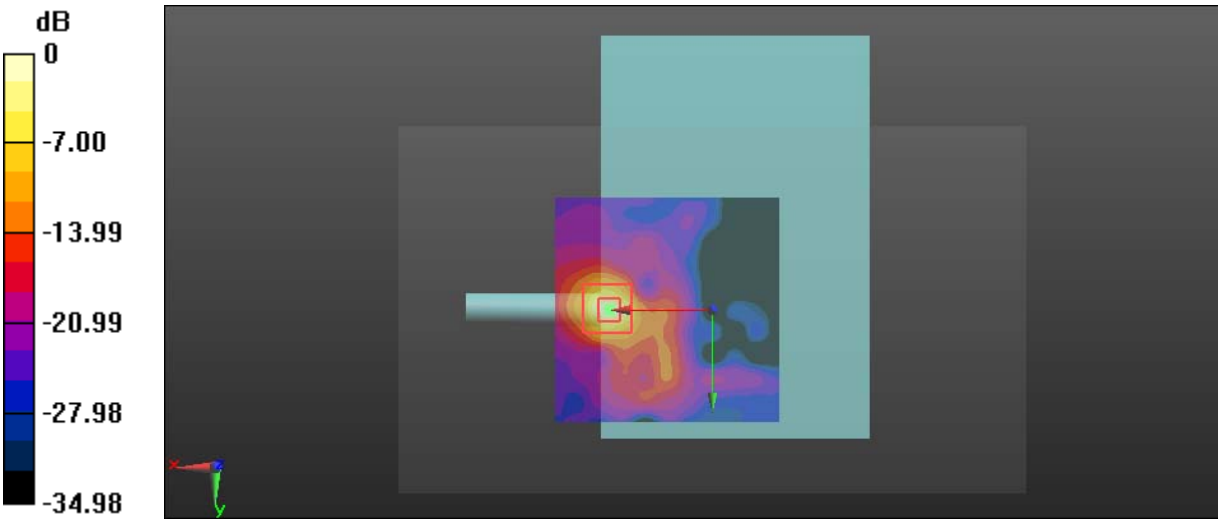
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5745 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5745 MHz; σ = 5.815 S/m; ε_r = 48.976; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.56 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.910 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 1.95 W/kg; SAR(10 g) = 0.439 W/kg
Maximum value of SAR (measured) = 5.86 W/kg



0 dB = 5.86 W/kg = 7.68 dBW/kg

Test Plot 81#: Wi-Fi 5.8G_Mode A_Handheld Front_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

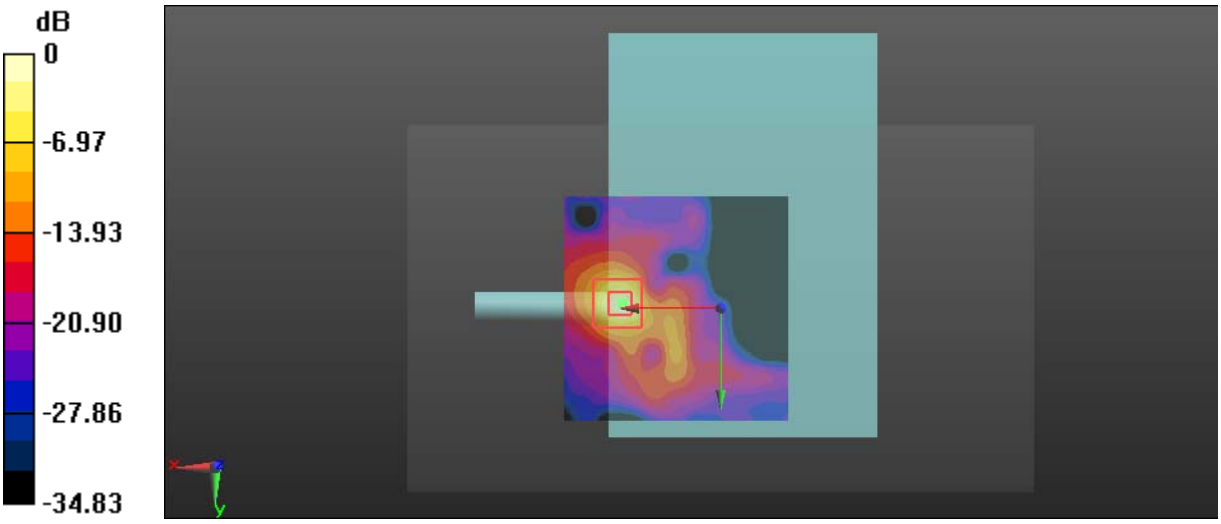
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.23 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.8370 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 9.65 W/kg
SAR(1 g) = 1.66 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (measured) = 4.94 W/kg



0 dB = 4.94 W/kg = 6.94 dBW/kg

Test Plot 82#: Wi-Fi 5.8G_Mode A_Handheld Front_Chain 0_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

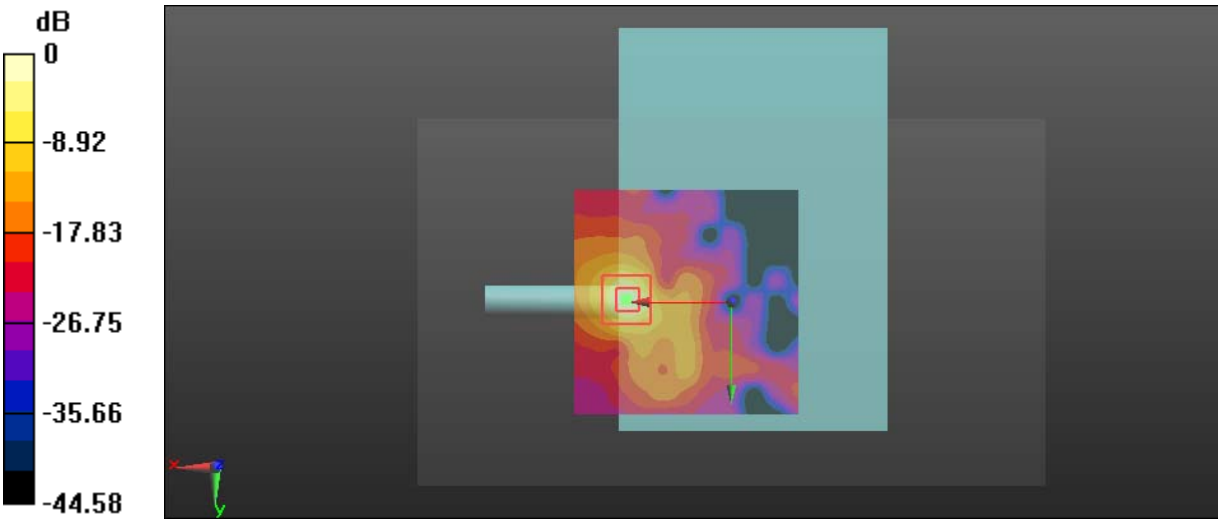
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5825 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5825 MHz; σ = 5.855 S/m; ε_r = 48.705; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.95 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.656 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 9.64 W/kg
SAR(1 g) = 1.62 W/kg; SAR(10 g) = 0.374 W/kg
Maximum value of SAR (measured) = 4.88 W/kg



0 dB = 4.88 W/kg = 6.88 dBW/kg

Test Plot 83#: Wi-Fi 5.8G_Mode A_Handheld Top_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

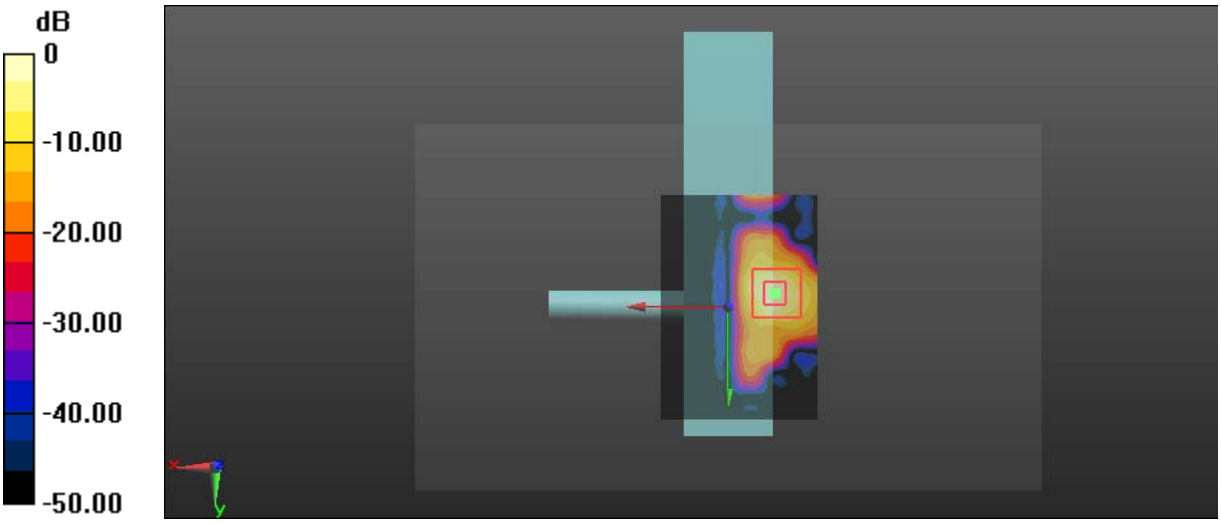
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.93 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.867 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 7.68 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.314 W/kg
Maximum value of SAR (measured) = 3.96 W/kg



0 dB = 3.96 W/kg = 5.98 dBW/kg

Test Plot 84#: Wi-Fi 5.8G_Mode A_Close to Body Back_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

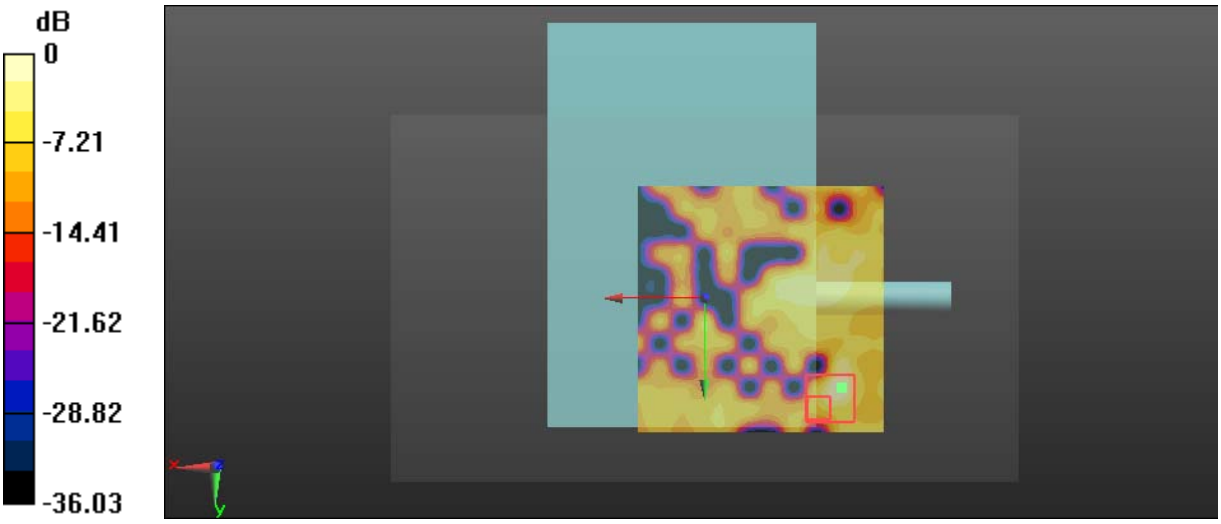
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0830 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.091 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0720 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00928 W/kg
Maximum value of SAR (measured) = 0.0711 W/kg



0 dB = 0.0711 W/kg = -11.48 dBW/kg

Test Plot 85#: Wi-Fi 5.8G_Mode A_Close to Body Front_Chain 0_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

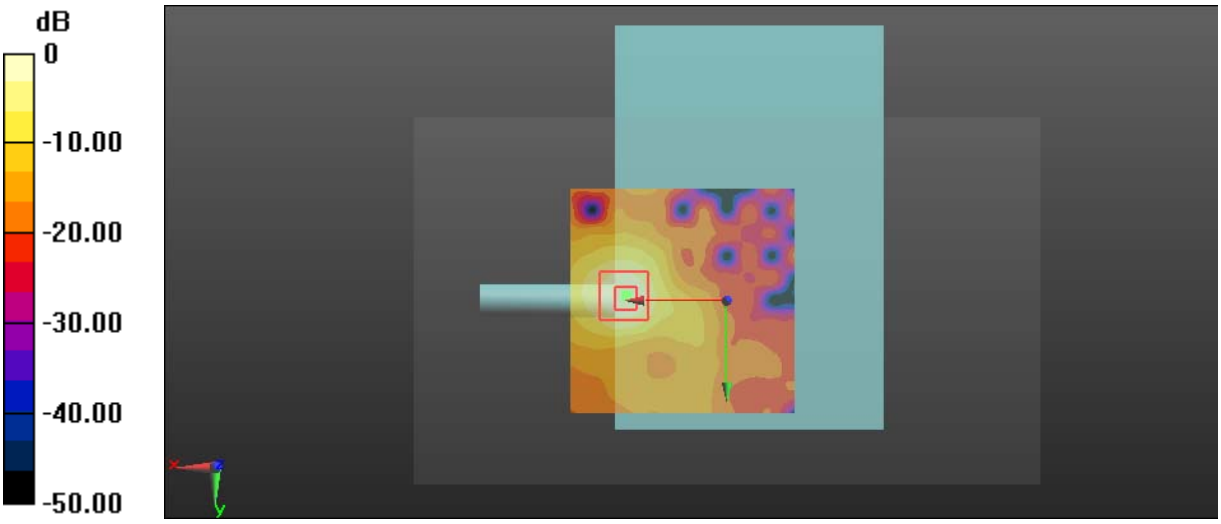
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5745 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5745 MHz; σ = 5.815 S/m; ε_r = 48.976; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.708 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.256 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

Test Plot 86#: Wi-Fi 5.8G_Mode A_Close to Body Front_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

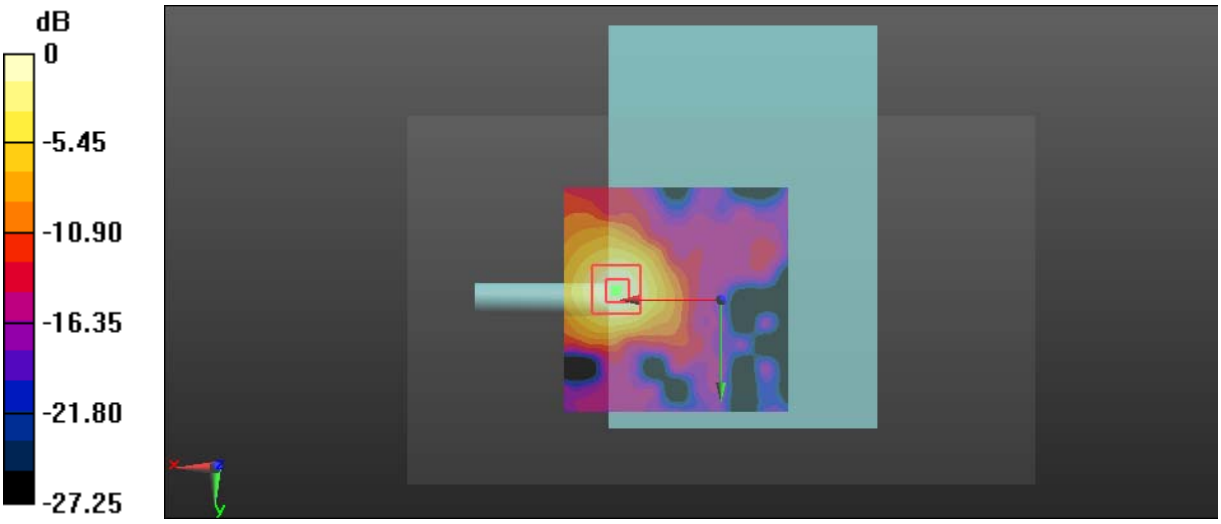
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.695 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.876 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.681 W/kg



0 dB = 0.681 W/kg = -1.67 dBW/kg

Test Plot 87#: Wi-Fi 5.8G_Mode A_Close to Body Front_Chain 0_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

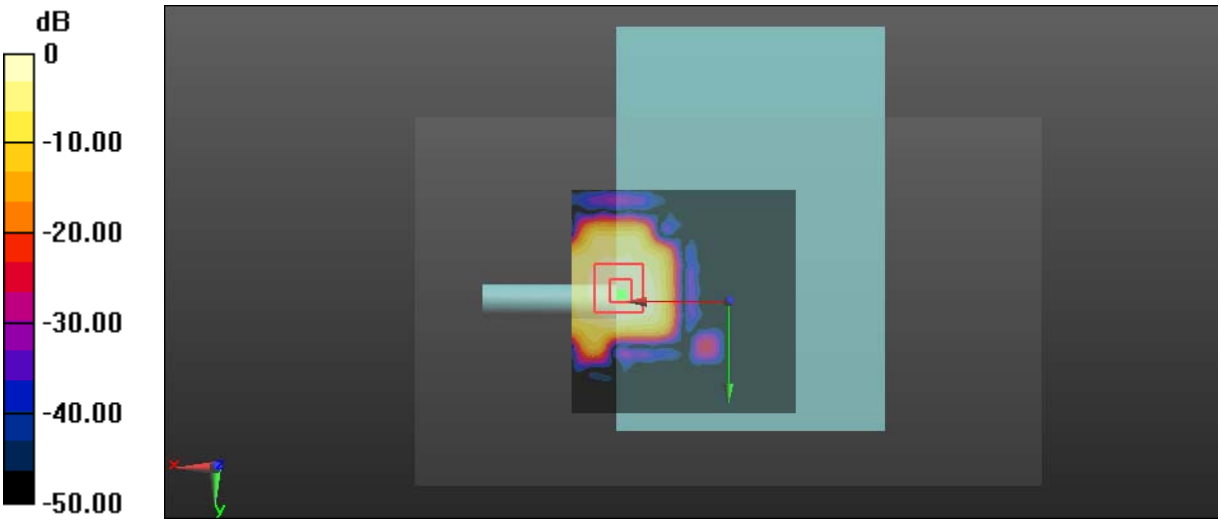
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5825 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5825 MHz; σ = 5.855 S/m; ε_r = 48.705; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.623 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.8940 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg

Test Plot 88#: Wi-Fi 5.8G_Mode A_Close to Body Top_Chain 0_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

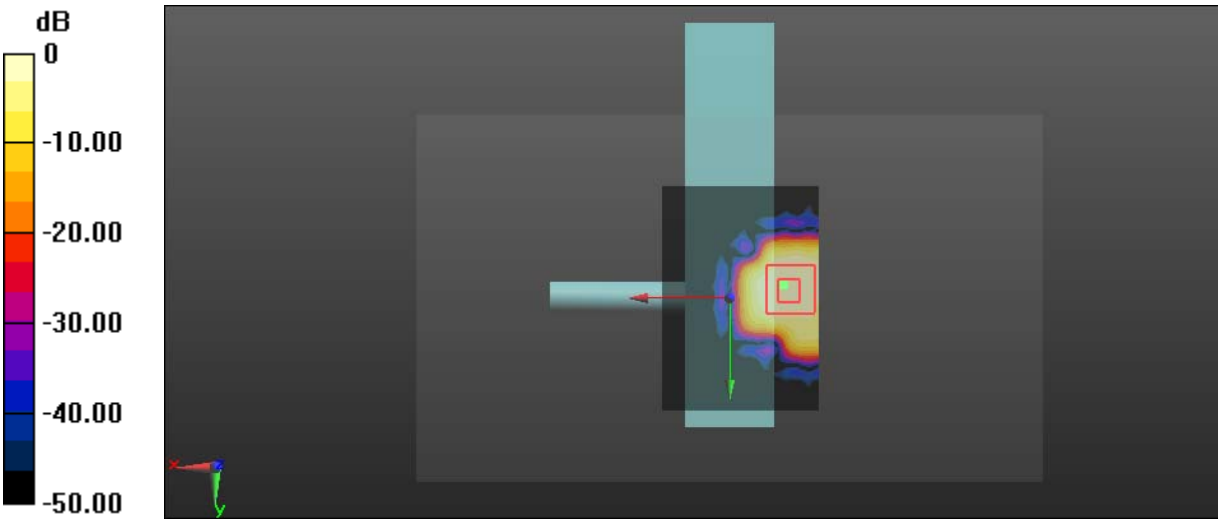
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.609 W/kg

Zoom Scan (8x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.253 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.594 W/kg



0 dB = 0.594 W/kg = -2.26 dBW/kg

Test Plot 89#: Wi-Fi 5.8G_Mode A_Handheld Back_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

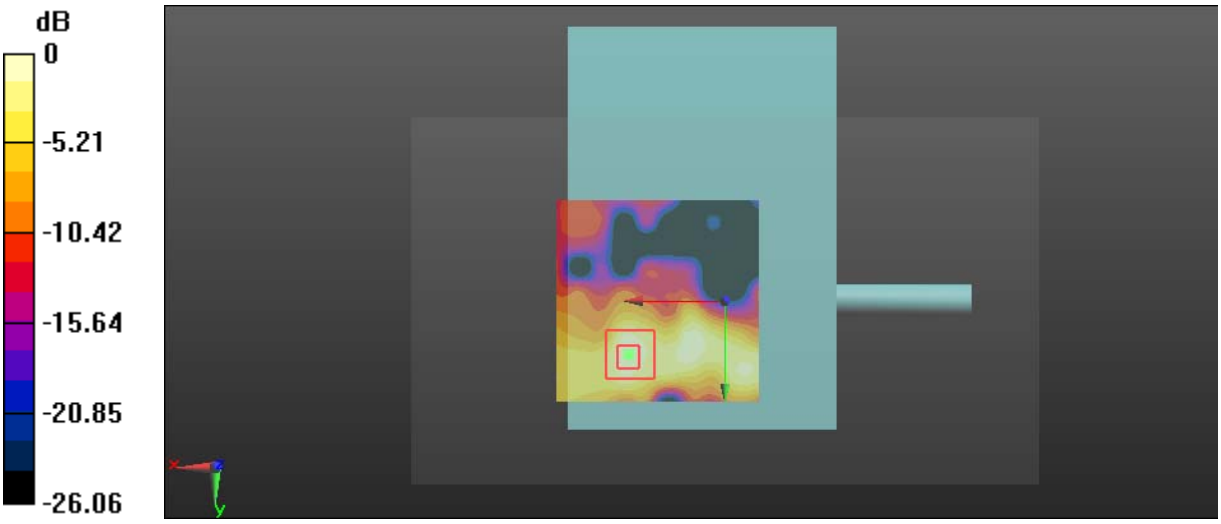
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.242 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.7100 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

Test Plot 90#: Wi-Fi 5.8G_Mode A_Handheld Front_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

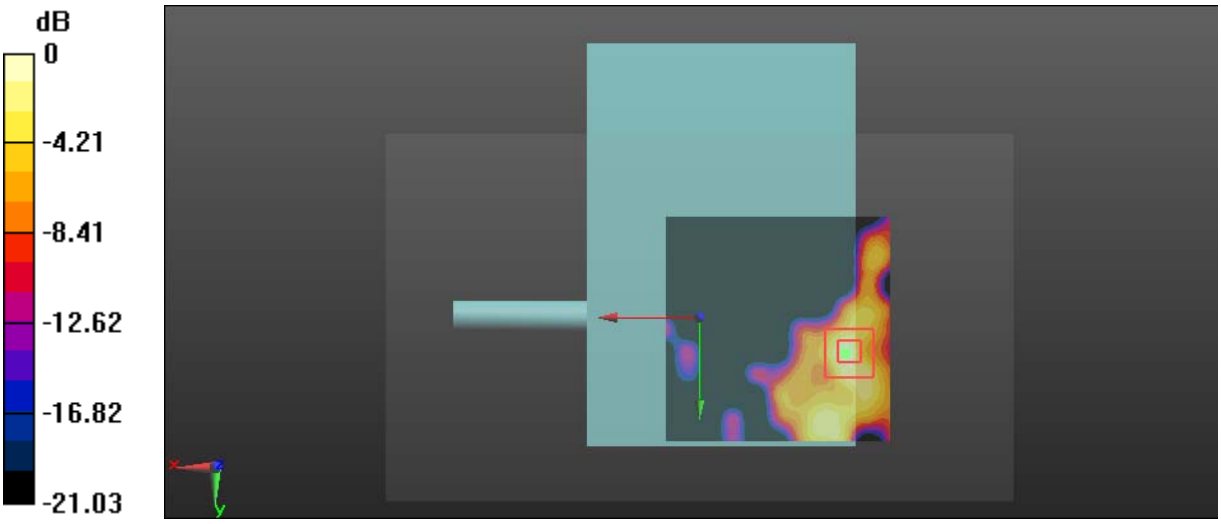
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.146 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

Test Plot 91#: Wi-Fi 5.8G_Mode A_Handheld Bottom_Chain 1_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

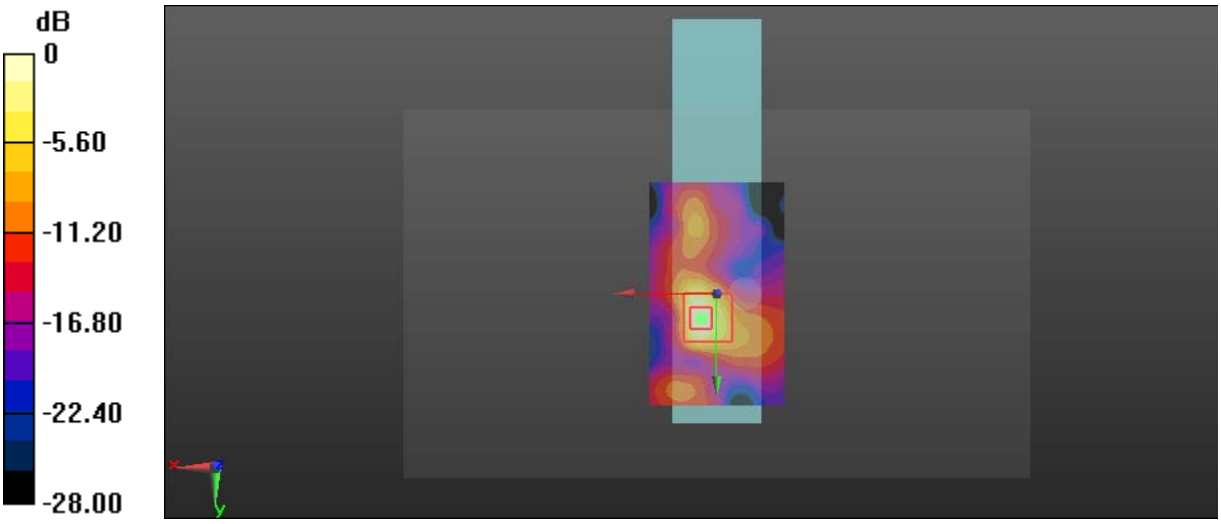
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5745 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5745 MHz; σ = 5.815 S/m; ε_r = 48.976; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (7x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 6.640 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

Test Plot 92#: Wi-Fi 5.8G_Mode A_Handheld Bottom_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

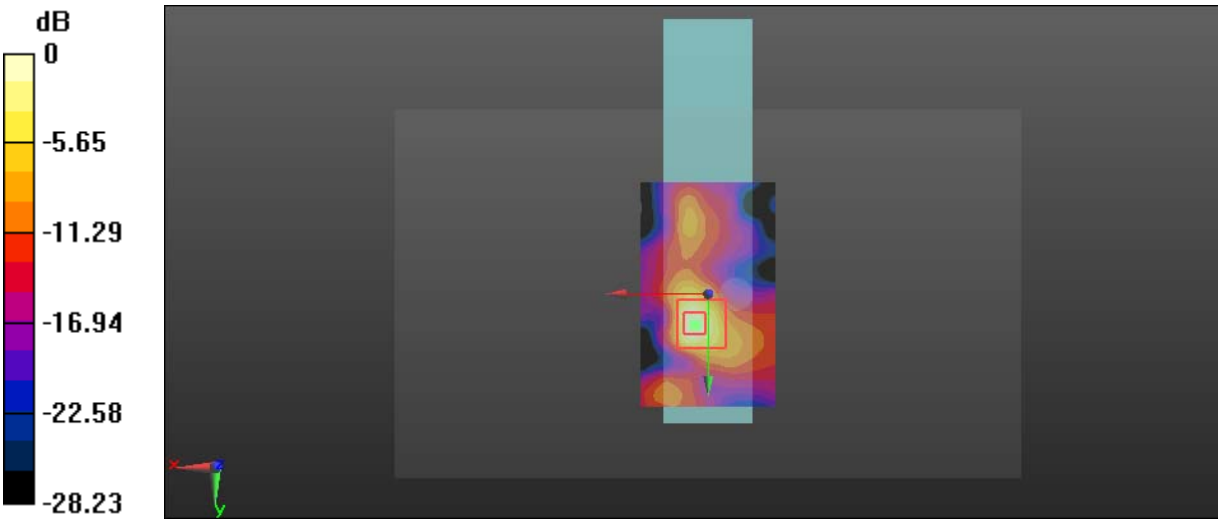
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 6.310 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.55 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Test Plot 93#: Wi-Fi 5.8G_Mode A_Handheld Bottom_Chain 1_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

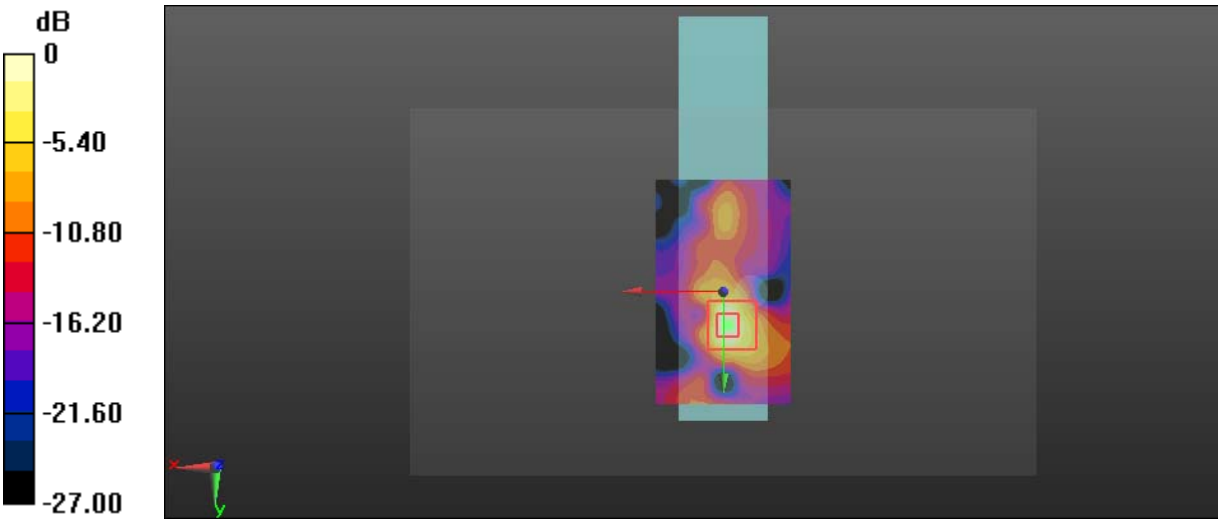
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5825 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5825 MHz; σ = 5.855 S/m; ε_r = 48.705; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.355 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Plot 94#: Wi-Fi 5.8G_Mode A_Close to Body Back_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

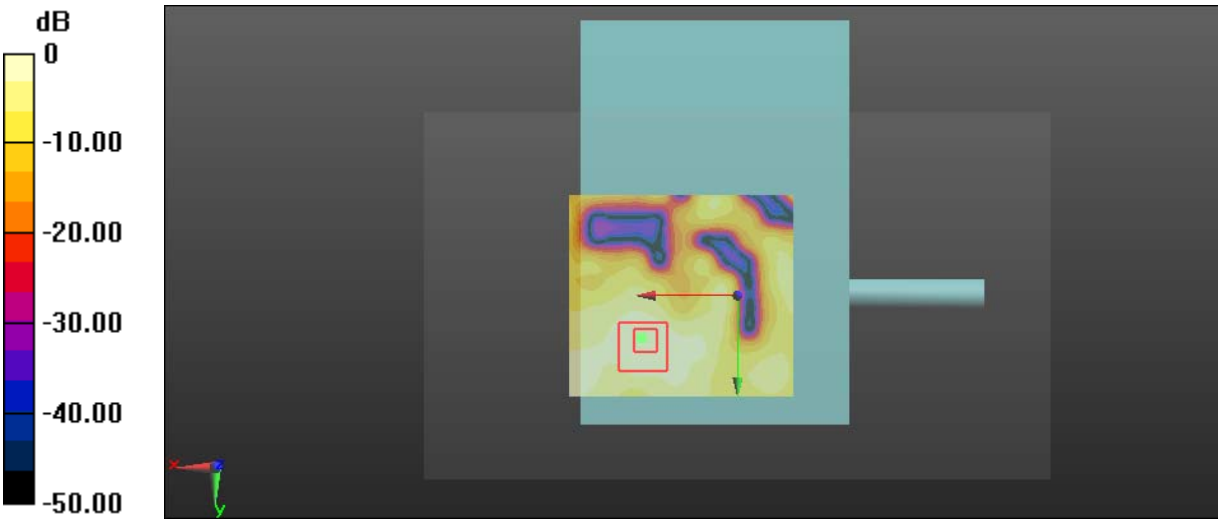
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.105 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.131 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0999 W/kg



0 dB = 0.0999 W/kg = -10.00 dBW/kg

Test Plot 95#: Wi-Fi 5.8G_Mode A_Close to Body Front_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

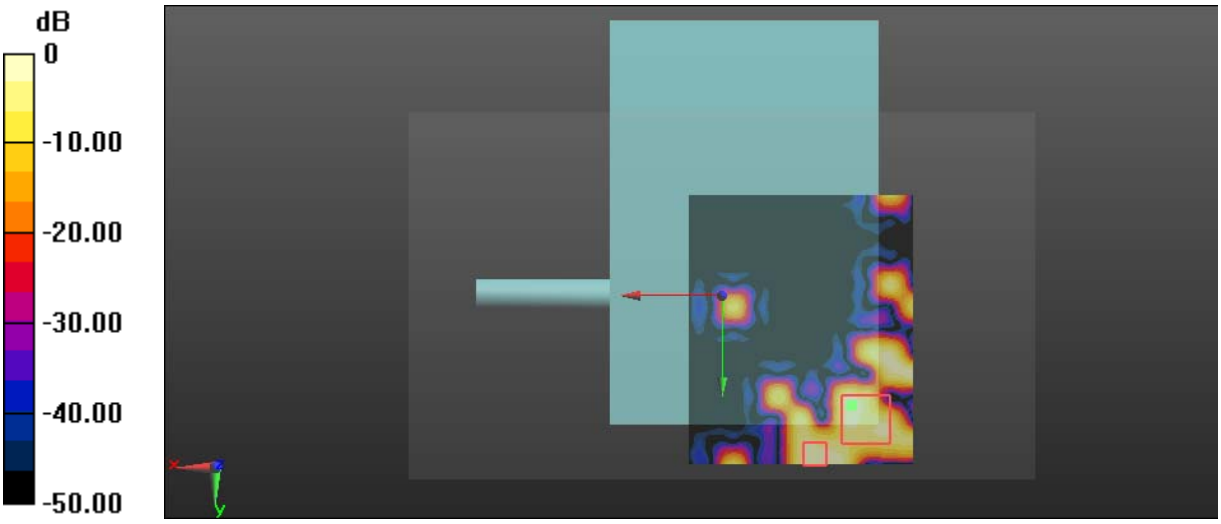
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Fix Surface)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0425 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.3275 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.0724 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00496 W/kg
Maximum value of SAR (measured) = 0.0451 W/kg



0 dB = 0.0451 W/kg = -13.46 dBW/kg

Test Plot 96#: Wi-Fi 5.8G_Mode A_Close to Body Bottom_Chain 1_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

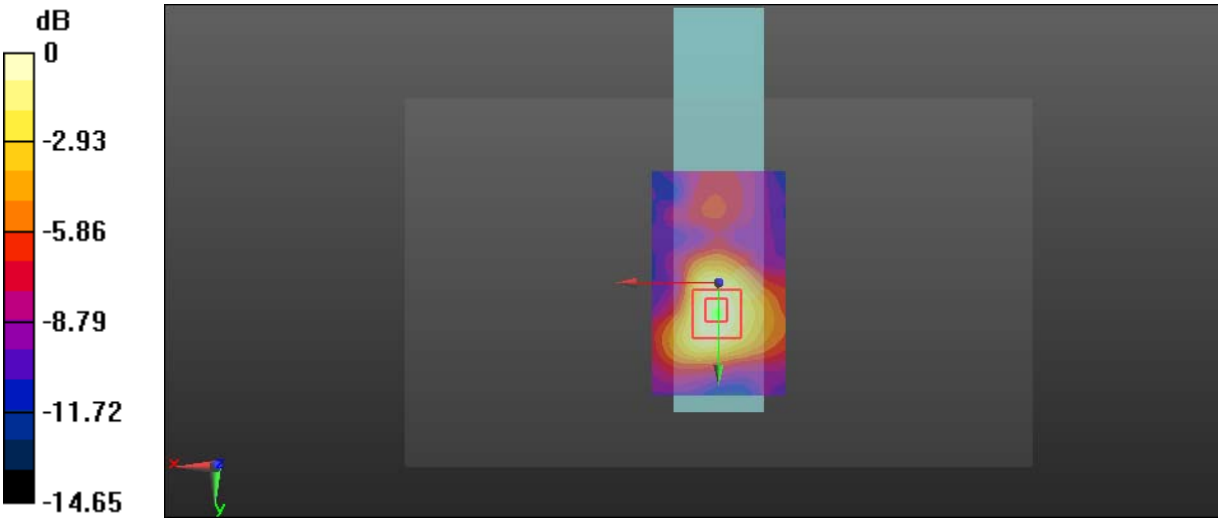
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5745 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5745 MHz; σ = 5.815 S/m; ε_r = 48.976; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.234 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 6.268 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.225 W/kg



0 dB = 0.225 W/kg = -6.48 dBW/kg

Test Plot 97#: Wi-Fi 5.8G_Mode A_Close to Body Bottom_Chain 1_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

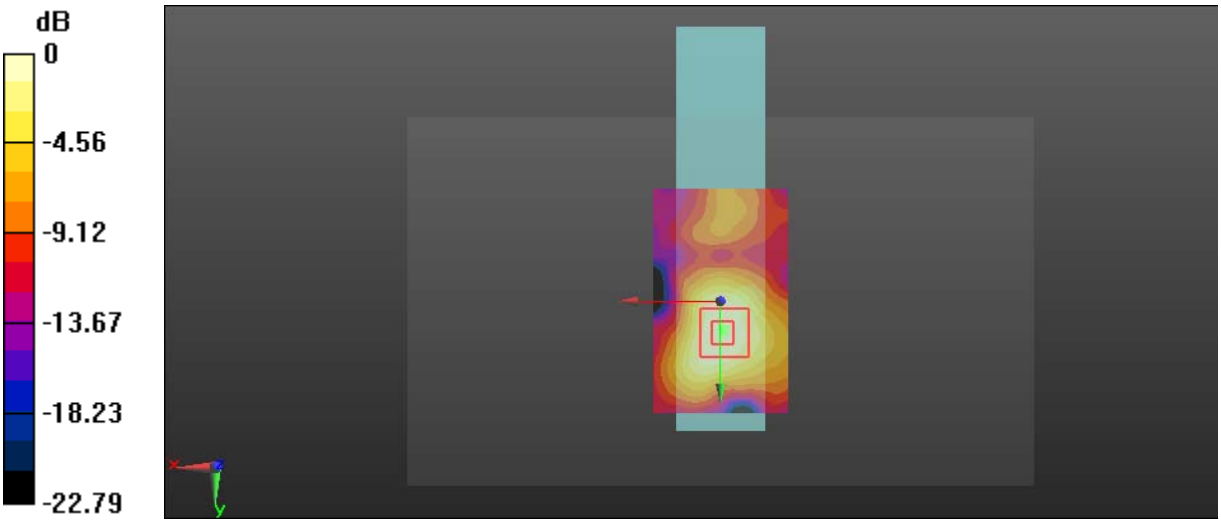
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5785 MHz; σ = 5.835 S/m; ε_r = 48.849; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.293 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 6.679 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

Test Plot 98#: Wi-Fi 5.8G_Mode A_Close to Body Bottom_Chain 1_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

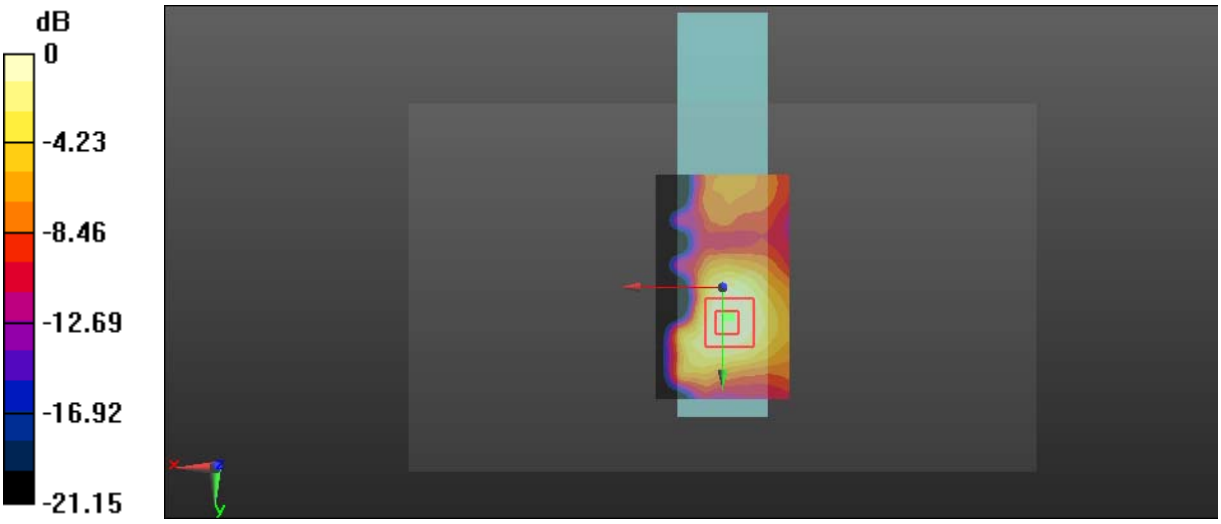
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5825 MHz;Duty Cycle: 1:1.06
Medium parameters used: f = 5825 MHz; σ = 5.855 S/m; ε_r = 48.705; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(4.43, 4.43, 4.43); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.345 W/kg

Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 6.354 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

Test Plot 99#: Bluetooth GFSK_Handheld Bottom_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

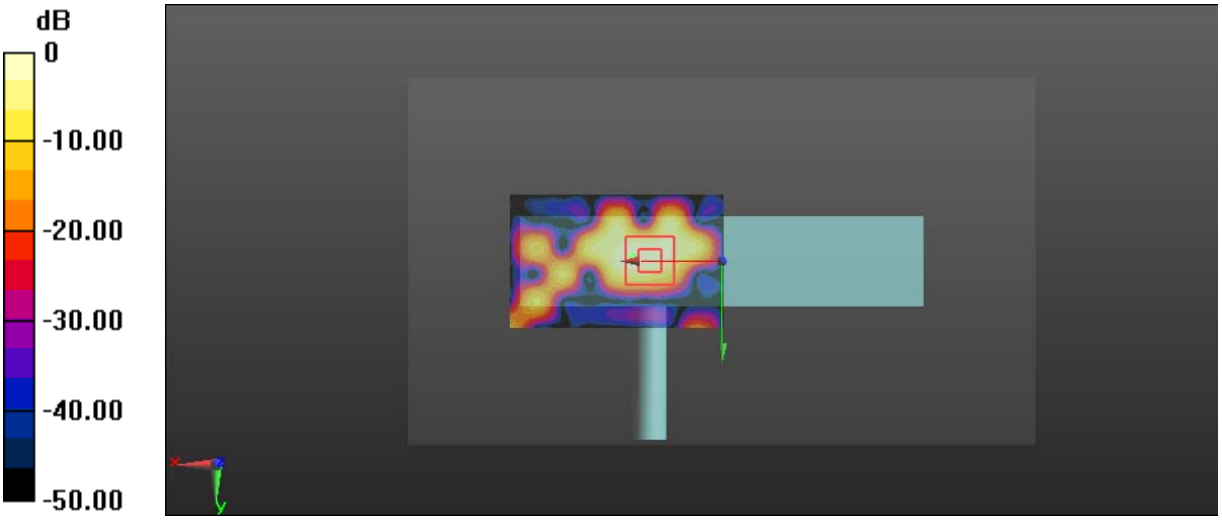
Communication System: Bluetooth(GFSK,DH5); Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.901 S/m; ε_r = 54.408; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.140 W/kg

Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.073 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0121 W/kg



0 dB = 0.0121 W/kg = -19.17 dBW/kg

Test Plot 100#: Bluetooth GFSK_Handheld Bottom_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

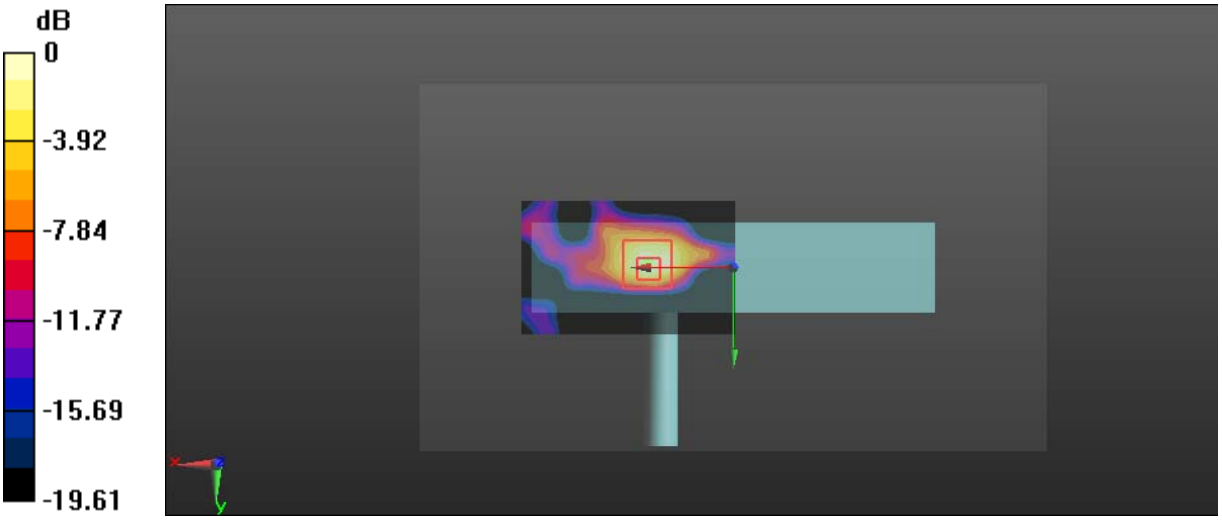
Communication System: Bluetooth(GFSK,DH5); Frequency: 2441 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2441 MHz; σ = 1.949 S/m; ε_r = 54.015; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0687 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.6006 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0987 W/kg
SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0687 W/kg



0 dB = 0.0687 W/kg = -11.63 dBW/kg

Test Plot 101#: Bluetooth GFSK_Handheld Bottom_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

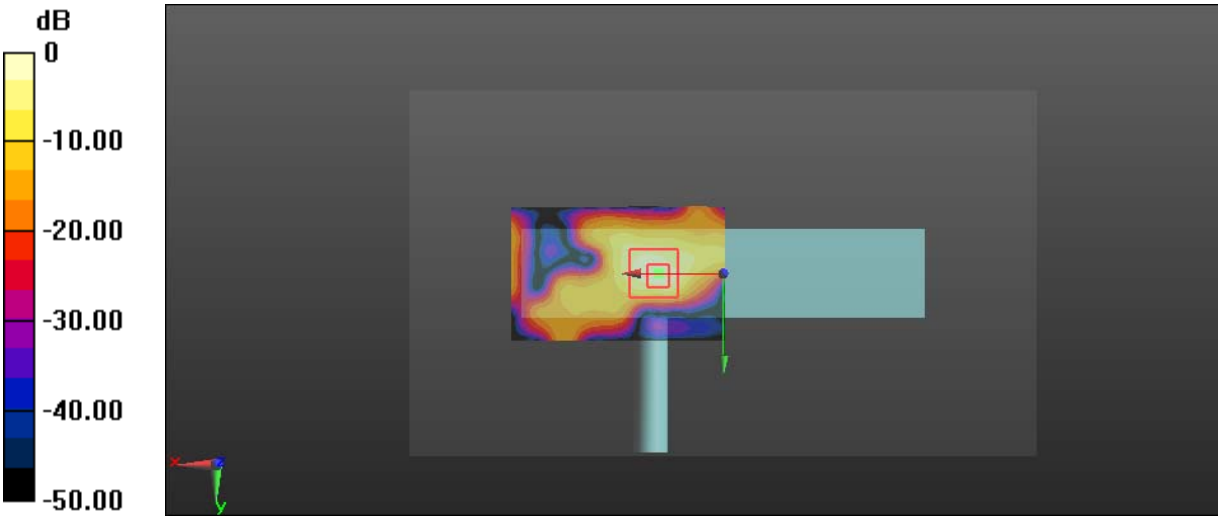
Communication System: Bluetooth(GFSK,DH5); Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2480 MHz; σ = 1.982 S/m; ε_r = 53.457; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0738 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.7900 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0890 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0736 W/kg



0 dB = 0.0736 W/kg = -11.33 dBW/kg

Test Plot 102#: Bluetooth GFSK_Close to Body Bottom_Low

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

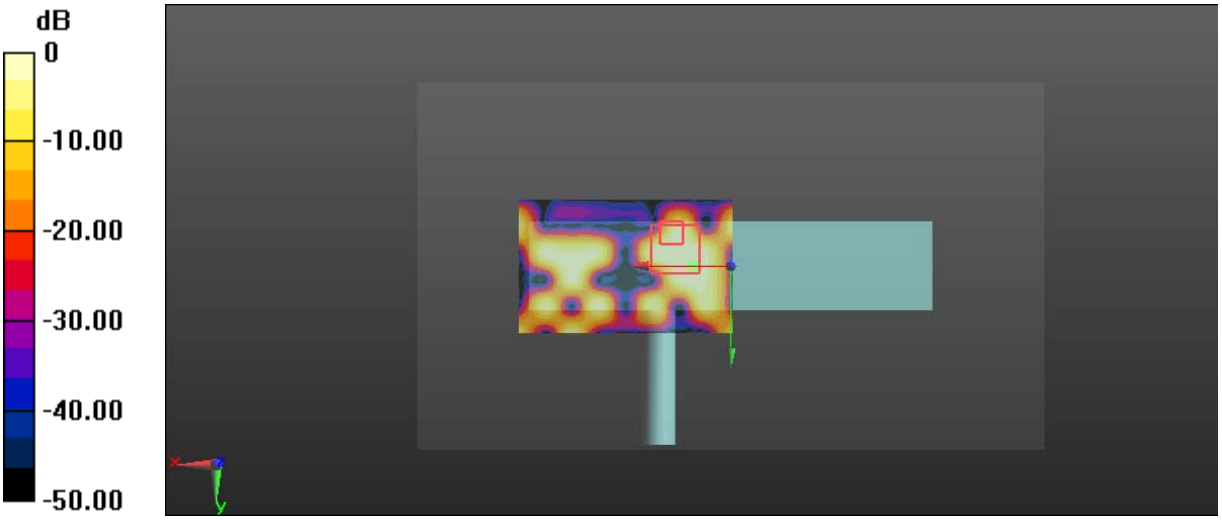
Communication System: Bluetooth(GFSK,DH5); Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.901 S/m; ε_r = 54.408; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0583 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.171 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0735 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00637 W/kg
Maximum value of SAR (measured) = 0.0241 W/kg



0 dB = 0.0241 W/kg = -16.18 dBW/kg

Test Plot 103#: Bluetooth GFSK_Close to Body Bottom_Middle

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

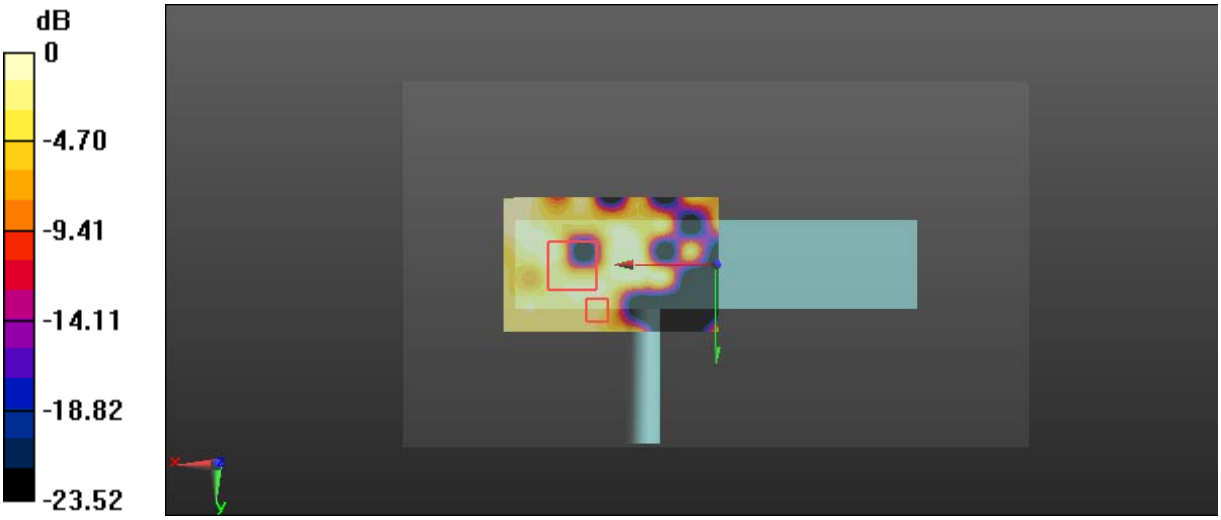
Communication System: Bluetooth(GFSK,DH5); Frequency: 2441 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2441 MHz; σ = 1.949 S/m; ε_r = 54.015; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0562 W/kg

Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.501 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0575 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00849 W/kg
Maximum value of SAR (measured) = 0.0283 W/kg



0 dB = 0.0283 W/kg = -15.48 dBW/kg

Test Plot 104#: Bluetooth GFSK_Close to Body Bottom_High

DUT: DJI Smart Controller; Type: RM500; Serial: 18081200220

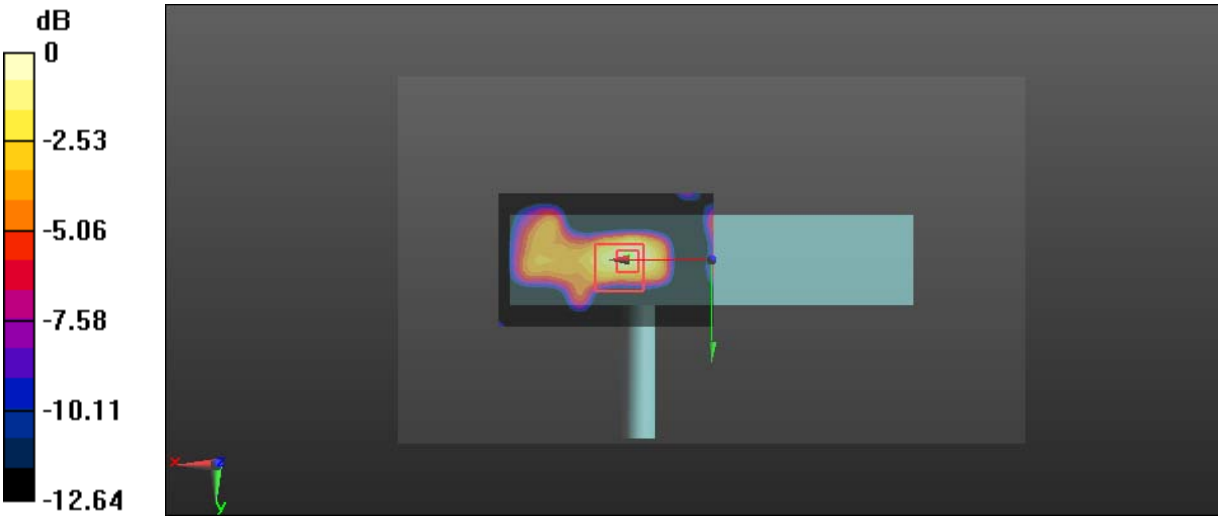
Communication System: Bluetooth(GFSK,DH5); Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2480 MHz; σ = 1.982 S/m; ε_r = 53.457; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0240 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.221 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0328 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00741 W/kg
Maximum value of SAR (measured) = 0.0252 W/kg



0 dB = 0.0252 W/kg = -15.99 dBW/kg