

APPENDIX 1

SAR Measurement Data

Table of Content

EXHIBIT 1. BODY 900 MHZ SAR MEASUREMENTS 3

Body 900 MHz SAR Measurement Summary (Front) 3

Body 900 MHz SAR Measurement Summary (Back) 3

EXHIBIT 1. BODY 900 MHZ SAR MEASUREMENTS

Body 900 MHz SAR Measurement Summary (Front)

Antenna	Power	CH. Freq	Body SAR1g	Body SAR10g	Power Drift
	(mW)	(MHz)	(W/Kg)	(W/Kg)	(dB)
ANT-868-CW-QW	872.97	902.40	1.06	0.72	0.05
	909.91	914.63	1.01	0.69	0.29
	826.04	927.65	1.49	1.00	0.96

Body 900 MHz SAR Measurement Summary (Back)

Antenna	Power	CH. Freq	Body SAR1g	Body SAR10g	Power Drift
	(mW)	(MHz)	(W/Kg)	(W/Kg)	(dB)
ANT-868-CW-QW	872.97	902.40	1.46	0.99	-0.14
	909.91	914.63	0.96	0.65	0.58
	826.04	927.65	1.43	0.97	1.19

File Name: [FORT-001Q 902.4 MHz BODY \(Remote Control -Front\).da52:0](#)

DUT: Safe Remote Control; Type: Safe Remote Control; Serial: **Not Specified**

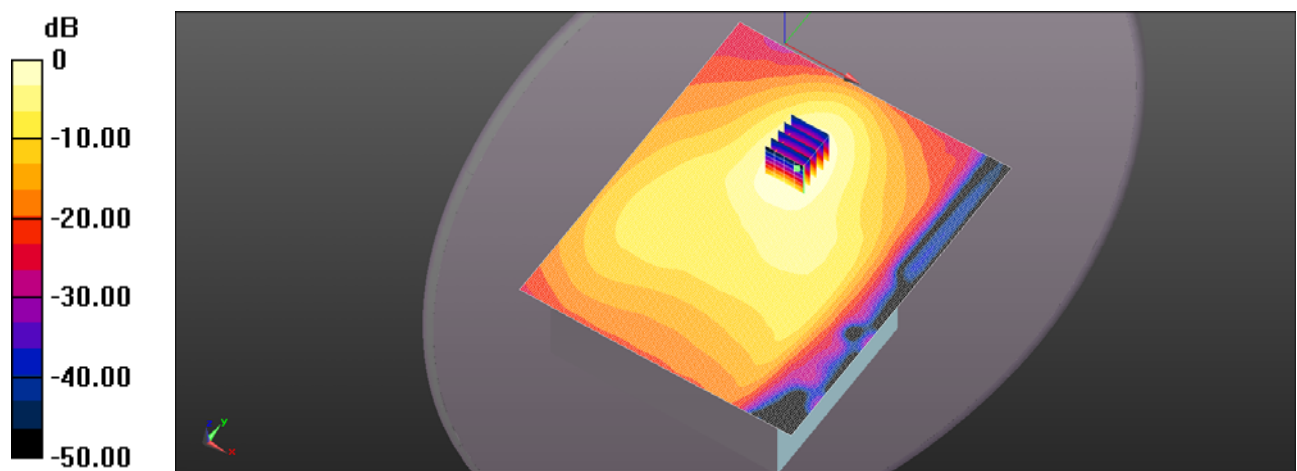
Communication System: UID 0, CW (0); Frequency: 902.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 902.813 \text{ MHz}$; $\sigma = 0.998 \text{ S/m}$; $\epsilon_r = 54.195$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV4 - SN3673; ConvF(9.13, 9.13, 9.13); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

FORT-001Q Body (SRC)/Touch, d=0mm/Area Scan (141x171x1): Interpolated grid:
 $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.53 W/kg

FORT-001Q Body (SRC)/Touch, d=0mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.116 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.718 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

File Name: [FORT-001Q 914.625 MHz BODY \(Remote Control -Front\).da52:0](#)

DUT: Safe Remote Control; Type: Safe Remote Control; Serial: **Not Specified**

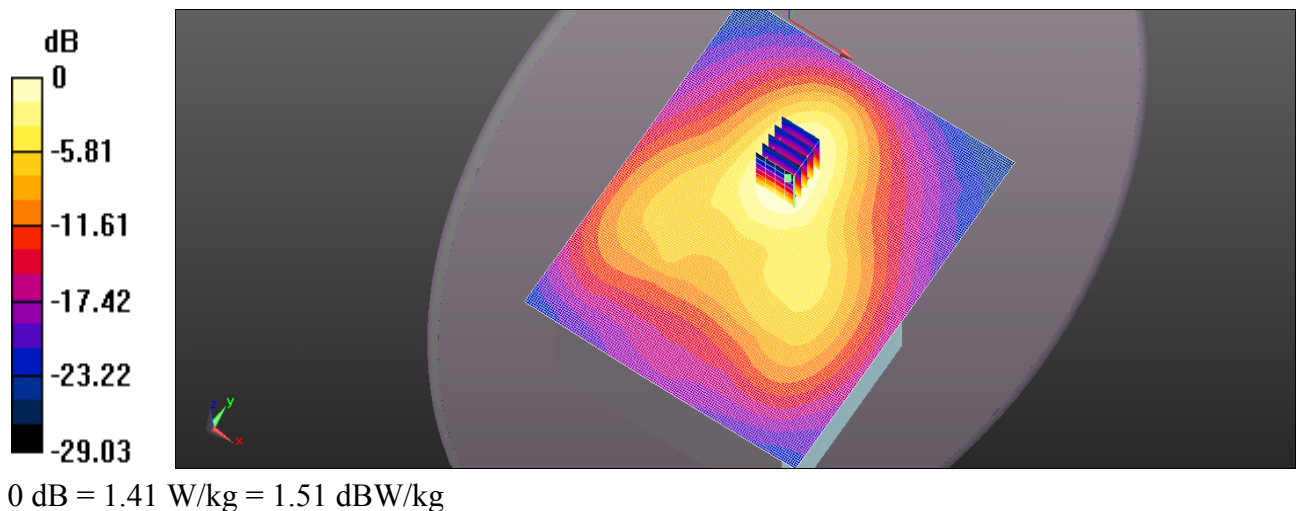
Communication System: UID 0, CW (0); Frequency: 914.625 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 1.004 \text{ S/m}$; $\epsilon_r = 54.09$; $\rho = 1000 \text{ kg/m}^3$; Phantom section:
Flat Section; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV4 - SN3673; ConvF(9.13, 9.13, 9.13); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

FORT-001Q Body (SRC)/Touch, d=0mm/Area Scan (141x171x1): Interpolated grid:
 $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.41 W/kg

FORT-001Q Body (SRC)/Touch, d=0mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.857 V/m; Power Drift = 0.29 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.692 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.33 W/kg



File Name: [FORT-001Q 927.65 MHz BODY \(Remote Control -Front\).da52:0](#)

DUT: Safe Remote Control; Type: Safe Remote Control; Serial: **Not Specified**

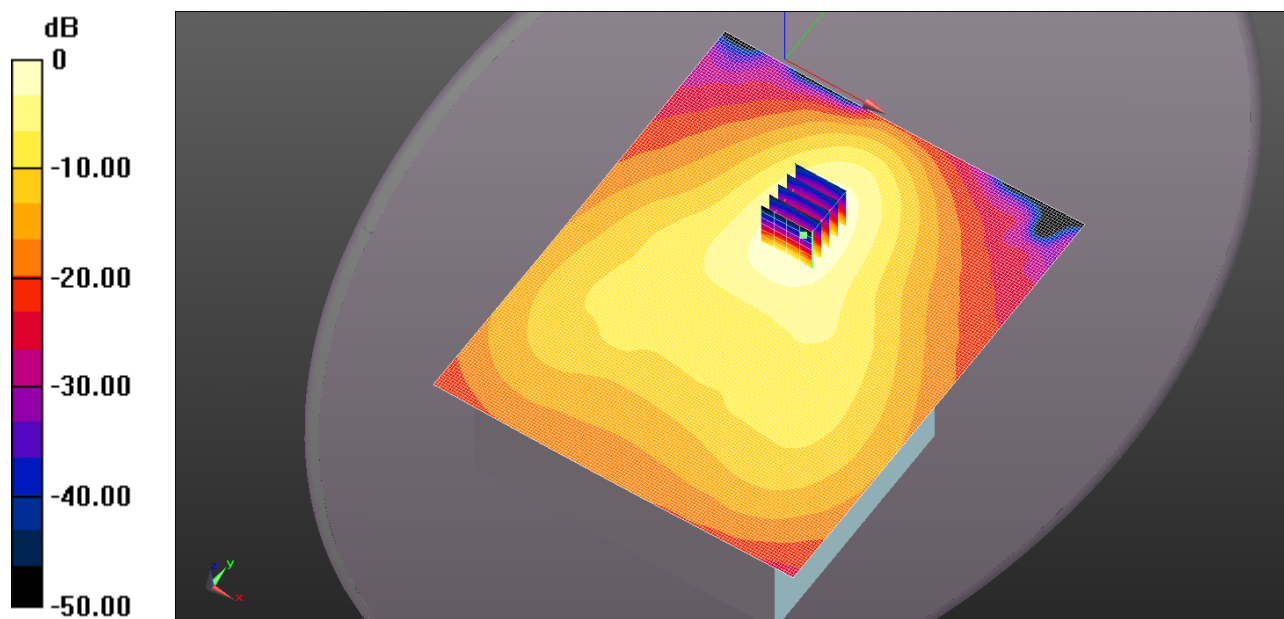
Communication System: UID 0, CW (0); Frequency: 927.65 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 927.65$ MHz; $\sigma = 1.017$ S/m; $\epsilon_r = 53.939$; $\rho = 1000$ kg/m³ ; Phantom section:
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV4 - SN3673; ConvF(9.13, 9.13, 9.13); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

FORT-001Q Body (SRC)/Touch, d=0mm/Area Scan (141x171x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.06 W/kg

FORT-001Q Body (SRC)/Touch, d=0mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.269 V/m; Power Drift = 0.96 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.49 W/kg; SAR(10 g) = 1 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 2.06 W/kg = 3.15 dBW/kg

File Name: [FORT-001Q 902.4 MHz BODY \(Remote Control -Back\).da52:0](#)

DUT: Safe Remote Control; Type: Safe Remote Control; Serial: **Not Specified**

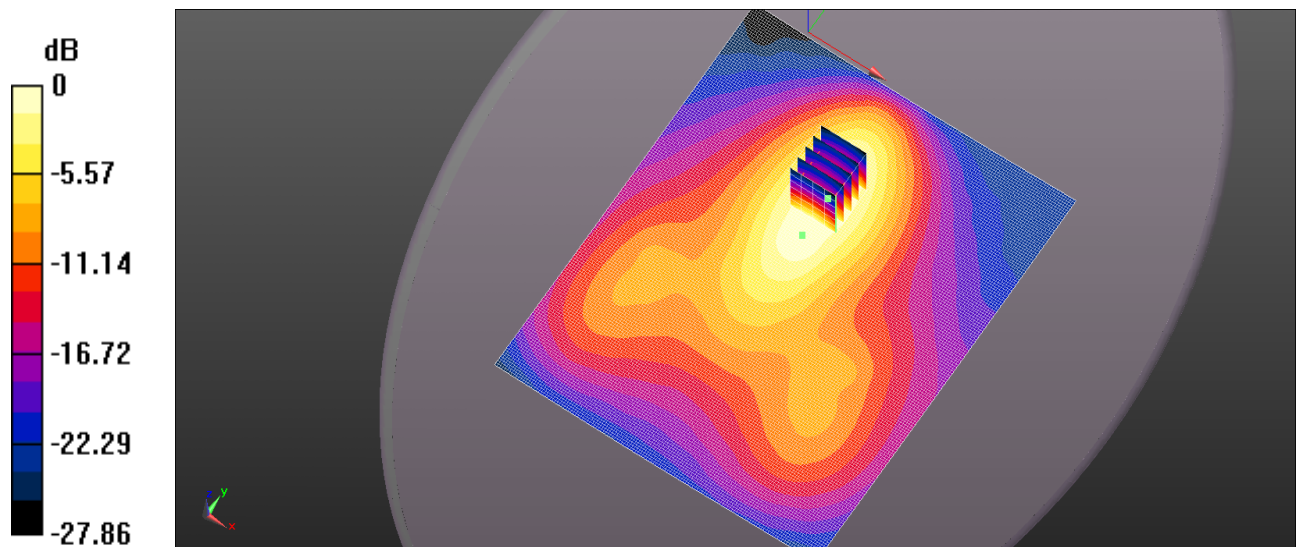
Communication System: UID 0, CW (0); Frequency: 902.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 902.813$ MHz; $\sigma = 0.998$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV4 - SN3673; ConvF(9.13, 9.13, 9.13); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

FORT-001Q Body (SRC)/Touch, d=0mm/Area Scan (141x171x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.07 W/kg

FORT-001Q Body (SRC)/Touch, d=0mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 2.322 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 1.46 W/kg; SAR(10 g) = 0.990 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 2.07 W/kg = 3.17 dBW/kg

File Name: [FORT-001Q 914.625 MHz BODY \(Remote Control -Back\).da52:0](#)

DUT: Safe Remote Control; Type: Safe Remote Control; Serial: **Not Specified**

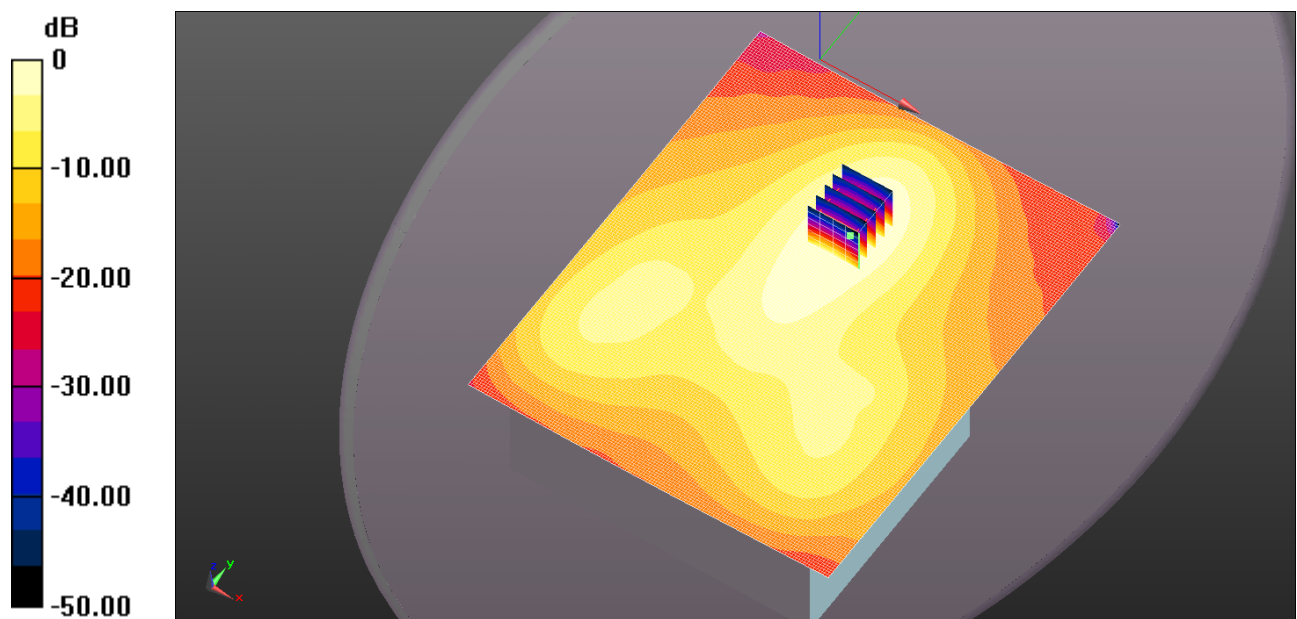
Communication System: UID 0, CW (0); Frequency: 914.625 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 915$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 54.09$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV4 - SN3673; ConvF(9.13, 9.13, 9.13); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

FORT-001Q Body (SRC)/Touch, d=0mm/Area Scan (141x171x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

FORT-001Q Body (SRC)/Touch, d=0mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.948 V/m; Power Drift = 0.58 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.654 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

File Name: [FORT-001Q 927.65 MHz BODY \(Remote Control -Back\).da52:0](#)

DUT: Safe Remote Control; Type: Safe Remote Control; Serial: **Not Specified**

Communication System: UID 0, CW (0); Frequency: 927.65 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 927.65$ MHz; $\sigma = 1.017$ S/m; $\epsilon_r = 53.939$; $\rho = 1000$ kg/m³ ; Phantom section:
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV4 - SN3673; ConvF(9.13, 9.13, 9.13); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

FORT-001Q Body (SRC)/Touch, d=0mm/Area Scan (141x171x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.01 W/kg

FORT-001Q Body (SRC)/Touch, d=0mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

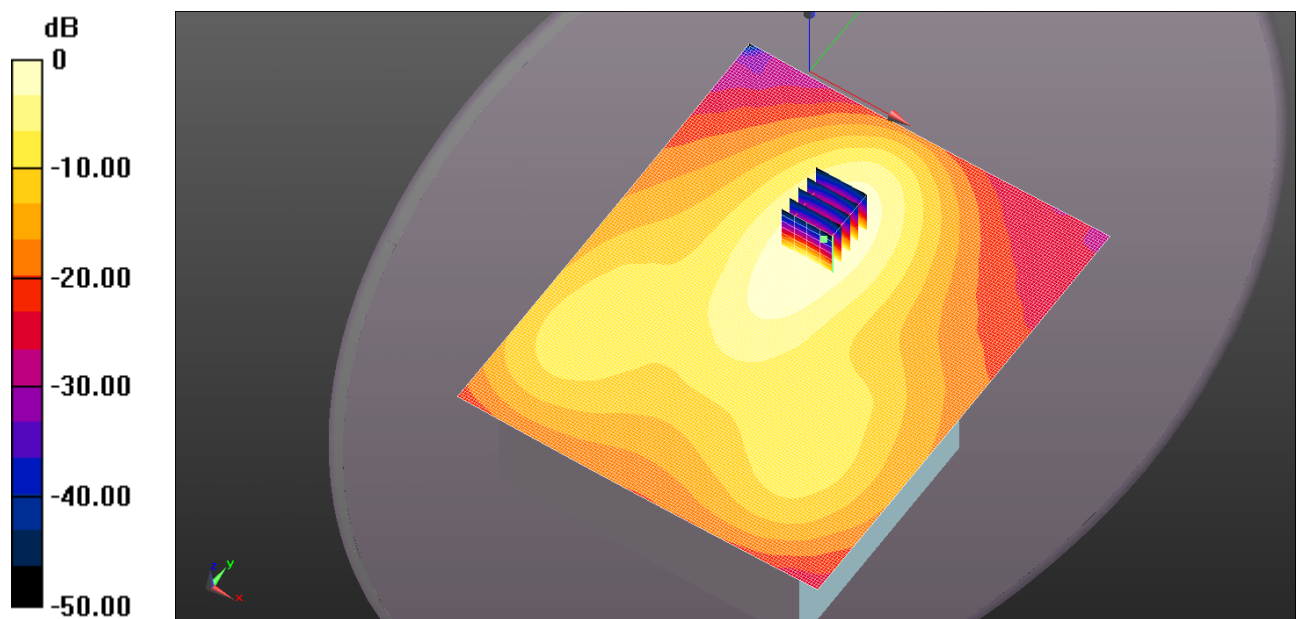
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.612 V/m; Power Drift = 1.19 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.974 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg