APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. PRESCAN MEASUREMENT SUMMARY

Head Prescan

Battery	Antenna	Power (dBm)	CH	CH. Freq (MHz)	HEAD SAR1g (W/Kg)	Power Drift (dB)
BP-278	FA-SC57U	35.90	1	450	2.34	-0.28
BP-279		35.90	1	450	2.63	-0.55
BP-280		35.90	1	450	3.16	-0.80

Body Prescan with MB-133

Battery&HM-171GPW	Antenna	Power (dBm)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg)	Power Drift (dB)
BP-278	FA-SC57U	35.90	1	450	4.9	-0.61
BP-279		35.90	1	450	5.3	-0.19
BP-280		35.90	1	450	4.75	-0.07

With MB-133

Headset	Antenna	Power (dBm)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg) BP-279 1570mAh	Power Drift (dB)
HS-95LWP	FA-SC57U	35.90	1	450	4.76	-0.23

FILE NAME: ICOM-493Q HEAD FA-SC57U 450MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

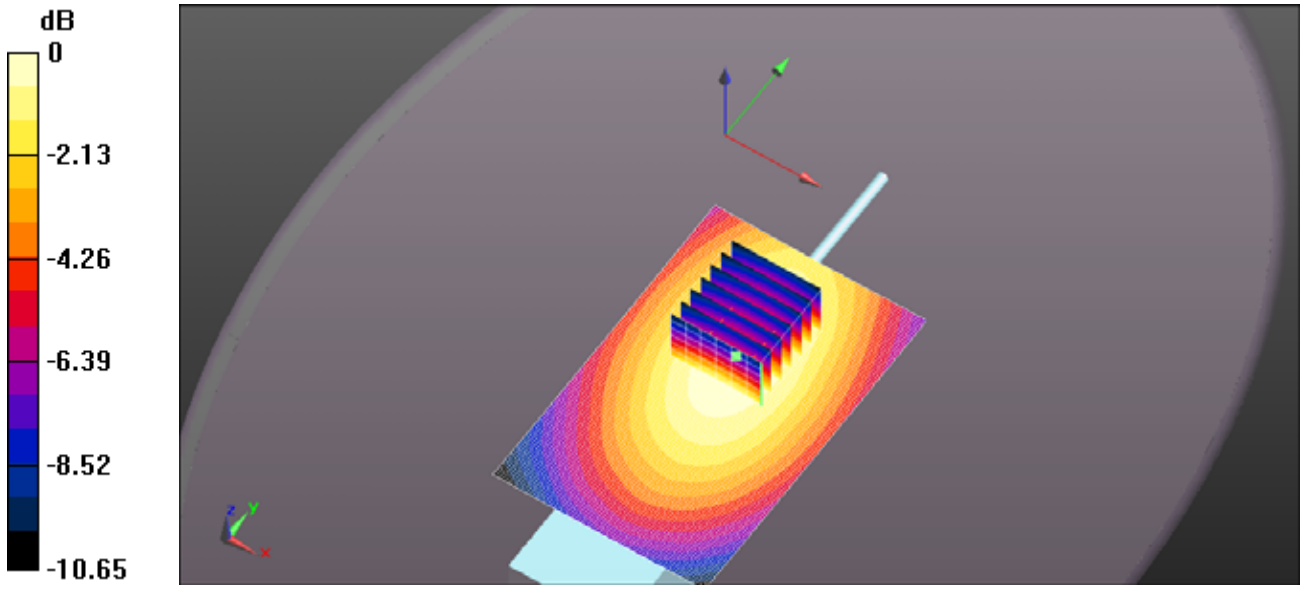
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.06 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 73.51 V/m; Power Drift = -0.80 dB
Peak SAR (extrapolated) = 4.46 W/kg
SAR(1 g) = 3.16 W/kg; SAR(10 g) = 2.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.92 W/kg



0 dB = 4.06 W/kg = 6.08 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC57U 450MHZ BP-279.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

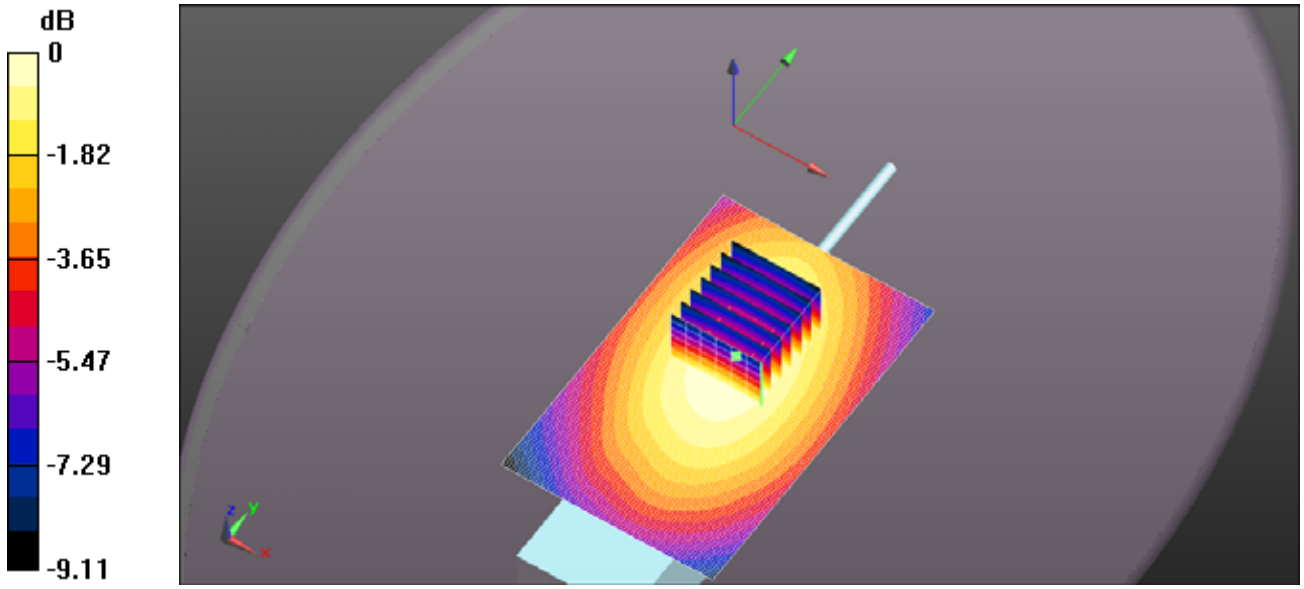
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.35 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.30 V/m; Power Drift = -0.55 dB
Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.96 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.26 W/kg



0 dB = 3.35 W/kg = 5.25 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC57U 450MHZ BP-278.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

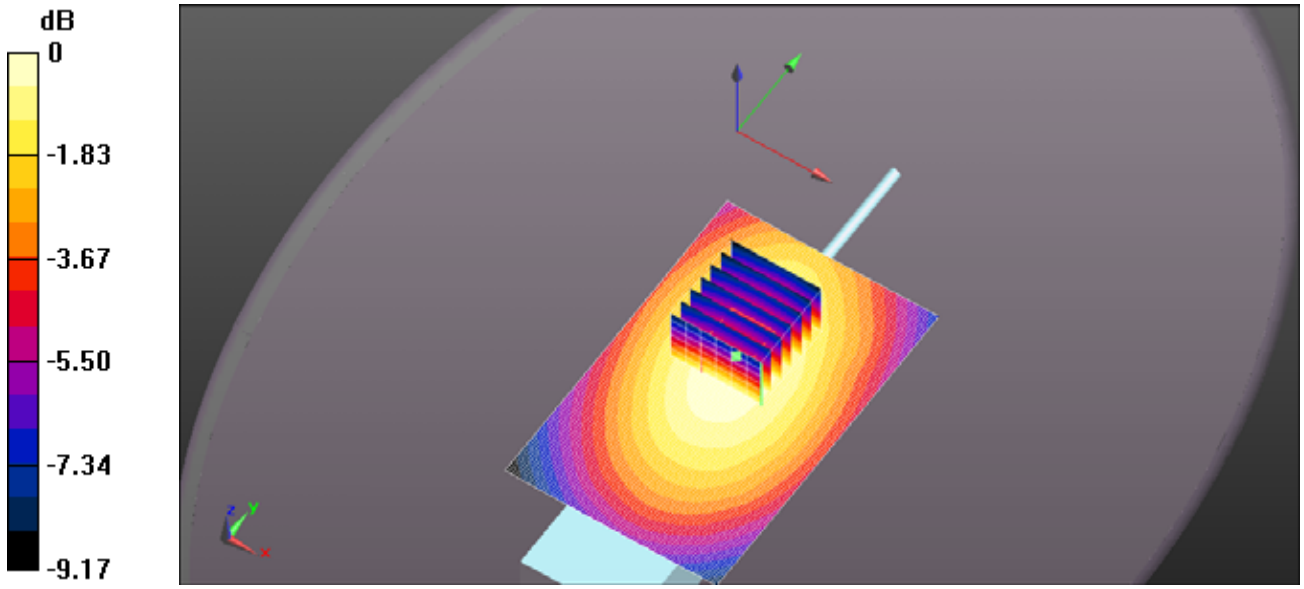
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.97 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.48 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 3.25 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.75 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC57U 450MHZ BP-278 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

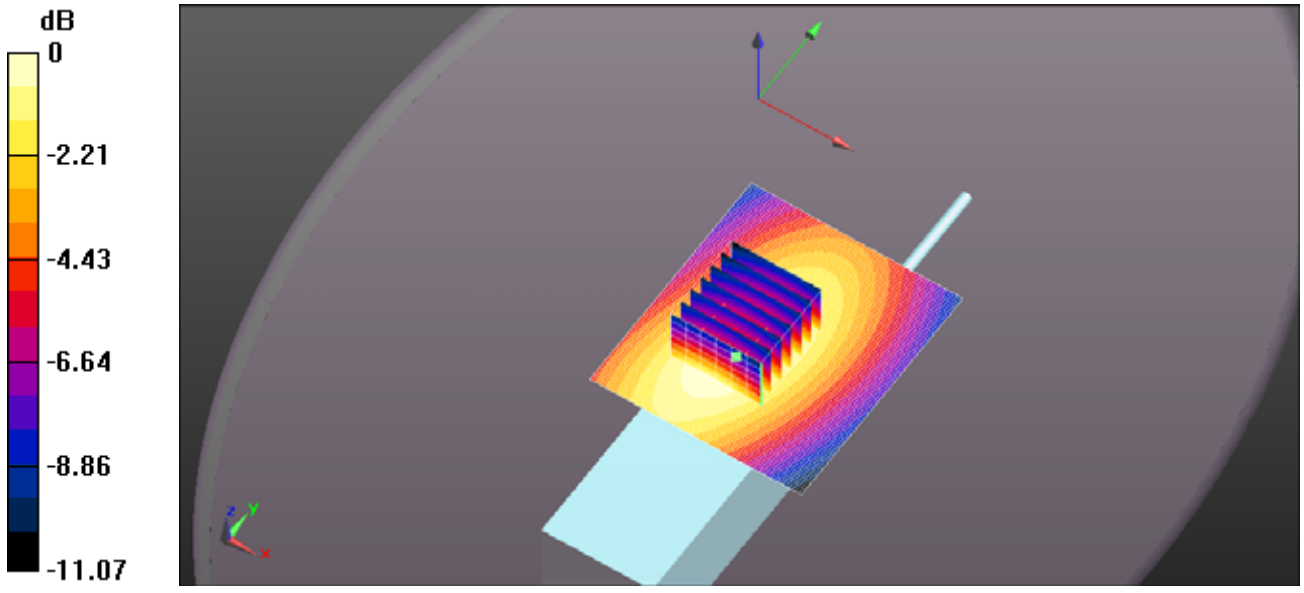
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.24 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 90.26 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = 7.18 W/kg
SAR(1 g) = 4.9 W/kg; SAR(10 g) = 3.58 W/kg
Maximum value of SAR (measured) = 6.30 W/kg



0 dB = 6.24 W/kg = 7.95 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC57U 450MHZ BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

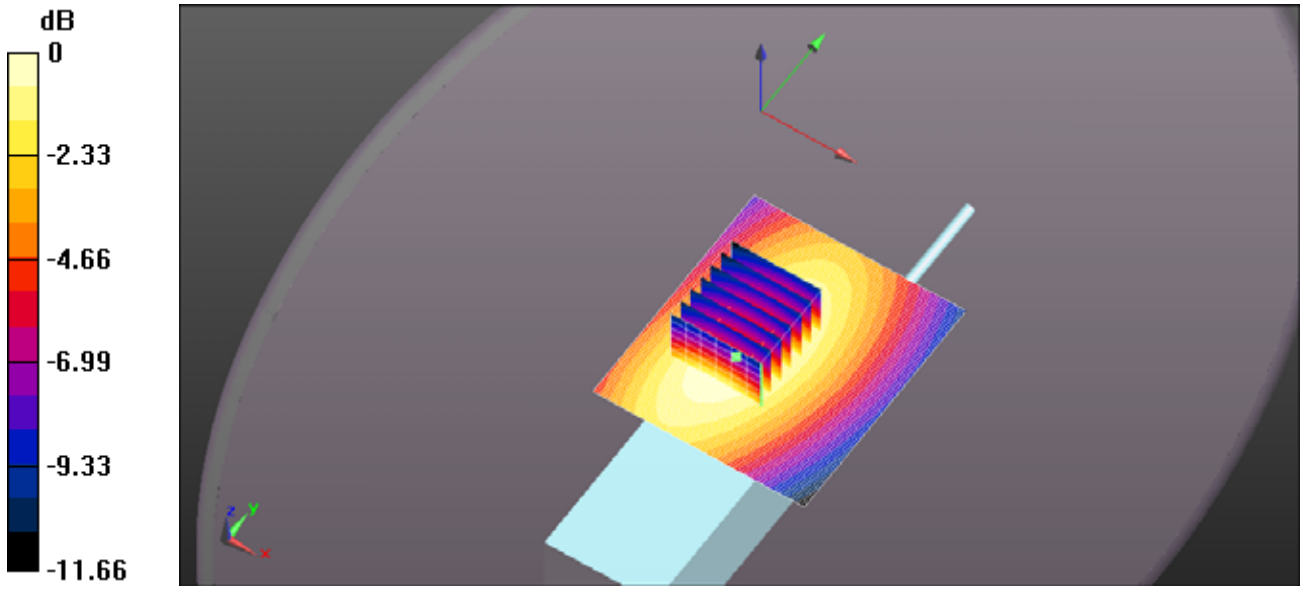
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.66 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.27 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 7.80 W/kg
SAR(1 g) = 5.3 W/kg; SAR(10 g) = 3.87 W/kg
Maximum value of SAR (measured) = 6.81 W/kg



0 dB = 6.66 W/kg = 8.23 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC57U 450MHZ BP-280 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

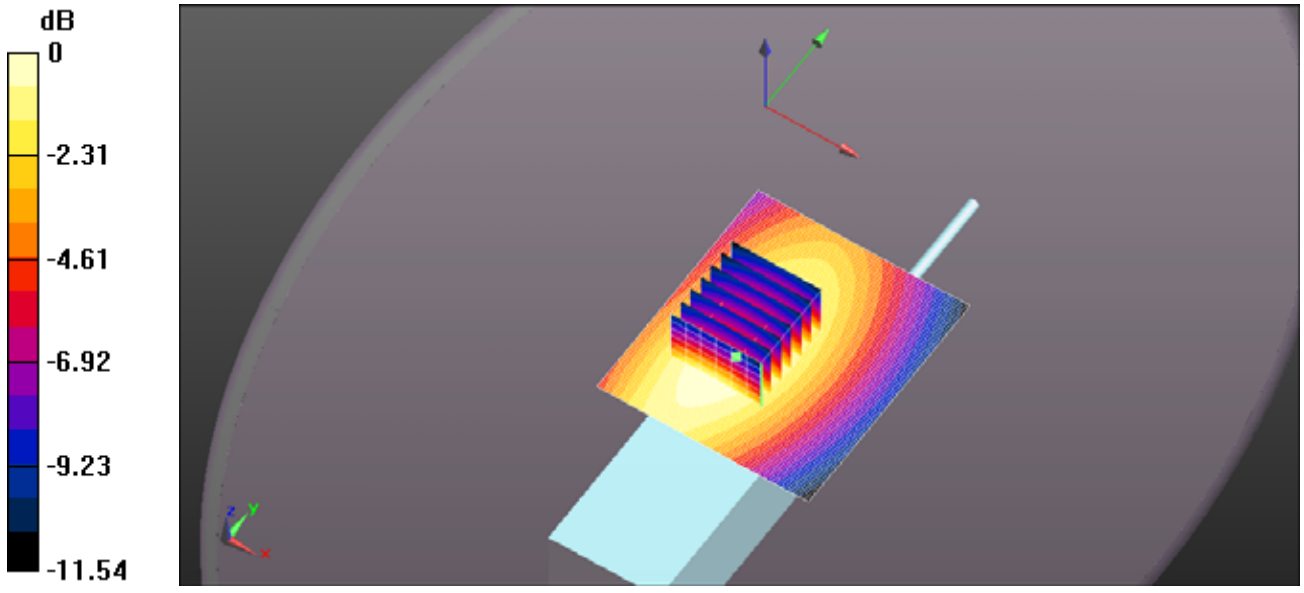
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.99 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 82.48 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 6.95 W/kg
SAR(1 g) = 4.75 W/kg; SAR(10 g) = 3.47 W/kg
Maximum value of SAR (measured) = 6.08 W/kg



0 dB = 5.99 W/kg = 7.77 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC57U 450MHZ BP-279 HS-95LWP.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

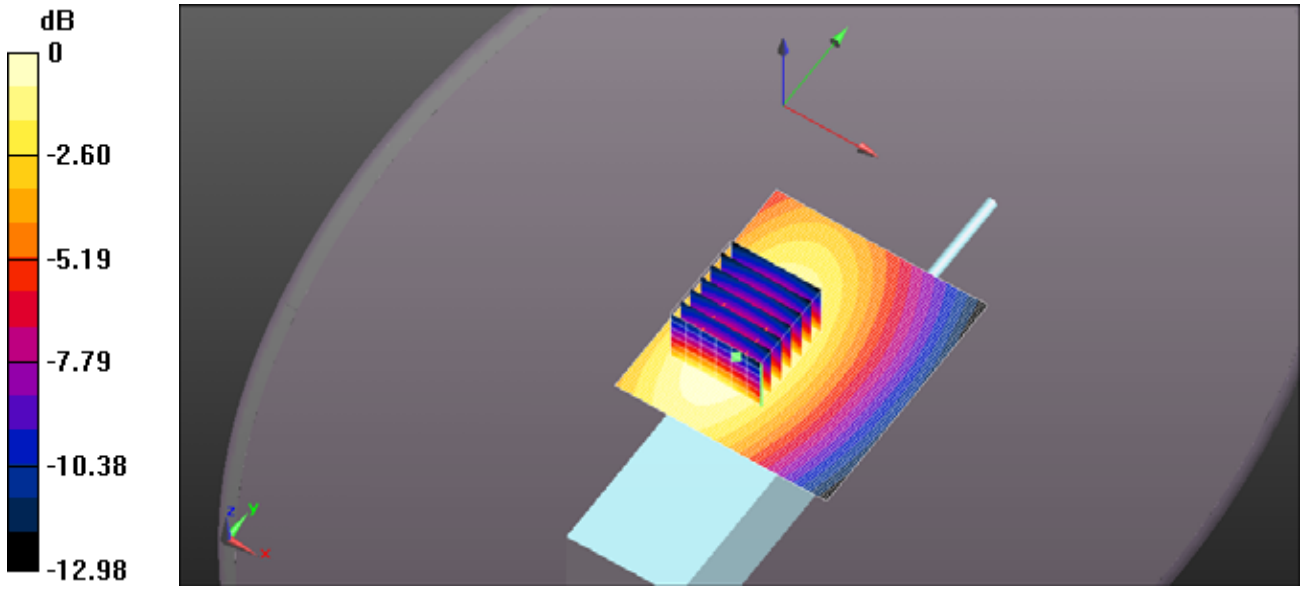
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.21 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 81.99 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 7.04 W/kg
SAR(1 g) = 4.76 W/kg; SAR(10 g) = 3.46 W/kg
Maximum value of SAR (measured) = 6.15 W/kg



0 dB = 6.21 W/kg = 7.93 dBW/kg

EXHIBIT 2. HEAD SAR MEASUREMENTS

Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	Power Drift
				BP-280	
			(MHz)	2400mAh	(dB)
FA-SC57U 430-470 MHz	3.89	1	450	3.06	-0.11
	3.93	2	460	**	**
	3.94	4	470	3.15	0.1
FA-SC72U 470-520 MHz	3.94	4	470	**	**
	3.99	6	490	4.19	0.01
	3.99	9	512	**	**
FA-SC73US 450-490 MHz	3.89	1	450	1.74	-0.1
	3.94	4	470	**	**
	3.99	6	490	2.36	-0.08
FA-SC26US 400-450 MHz	3.89	1	450	1.92	-0.54

Cut Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	Power Drift
				BP-280	
			(MHz)	2400mAh	(dB)
FA-SC61UC 440MHz 148mm	3.89	1	450	4.46	-0.17
	3.93	2	460	**	**
	3.93	5	480	4.94	-0.72
	4.01	7	496	**	**
	3.99	9	512	3.54	-0.47
FA-SC61UC 460MHz 142mm	3.89	1	450	**	**
	3.93	2	460	3.33	-0.5
	3.93	5	480	**	**
	4.01	7	496	4.65	-0.6
	3.99	9	512	**	**
FA-SC61UC 480MHz 136mm	3.89	1	450	2.76	-0.05
	3.96	3	465	**	**
	3.93	5	480	3.51	-0.12
	4.01	7	496	**	**
	3.99	9	512	4.56	-0.63
FA-SC61UC 500MHz 129mm	3.89	1	450	**	**
	3.96	3	465	1.9	-0.16
	3.93	5	480	**	**
	4.06	8	500	4.05	0.21
	3.99	9	512	**	**
FA-SC61UC 520MHz 125mm	3.89	1	450	1.61	-0.06
	3.96	3	465	**	**
	3.93	5	480	1.99	0.11
	4.01	7	496	**	**
	3.99	9	512	5.04	0.01

FILE NAME: ICOM-493Q HEAD FA-SC26US 450MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

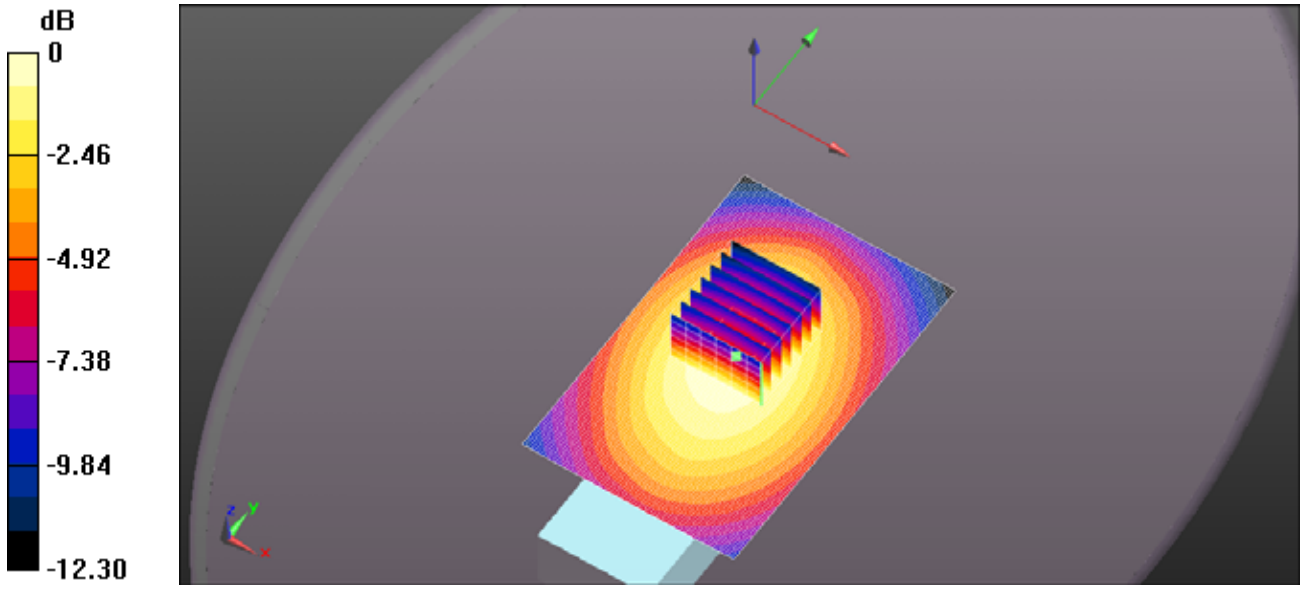
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.51 W/kg

Configuration Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.90 V/m; Power Drift = -0.54 dB
Peak SAR (extrapolated) = 2.71 W/kg
SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.37 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC57U 450MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

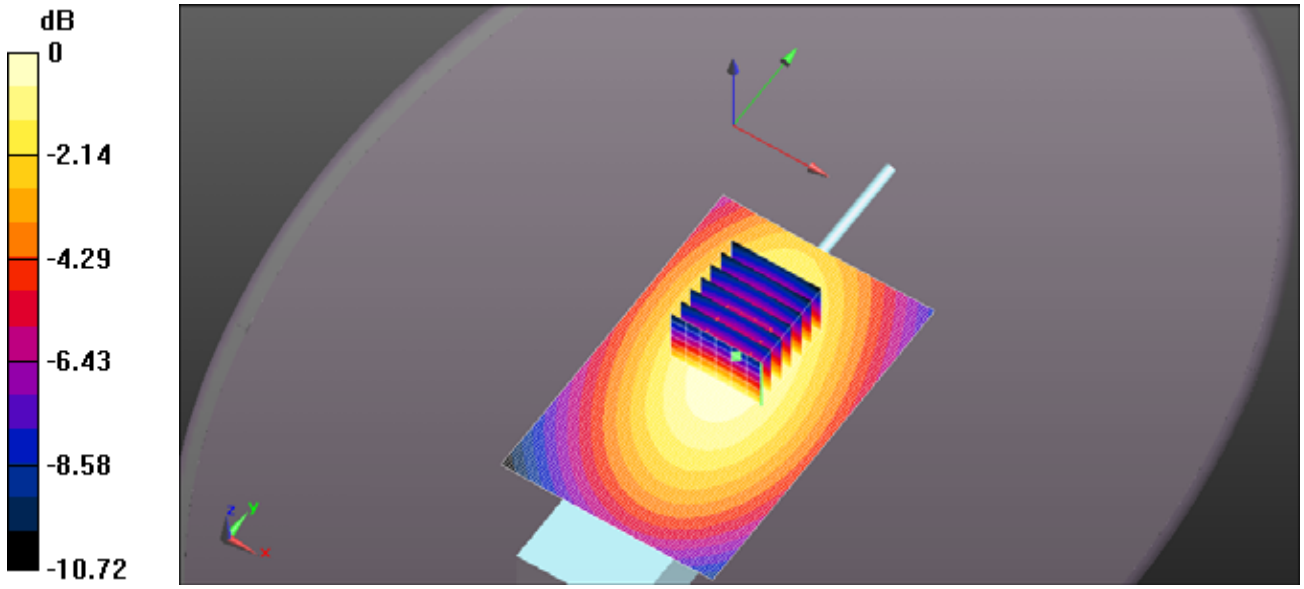
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.82 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 68.24 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 4.36 W/kg
SAR(1 g) = 3.06 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.83 W/kg



0 dB = 3.82 W/kg = 5.82 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC57U 470MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.882 S/m; ε_r = 45.453; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

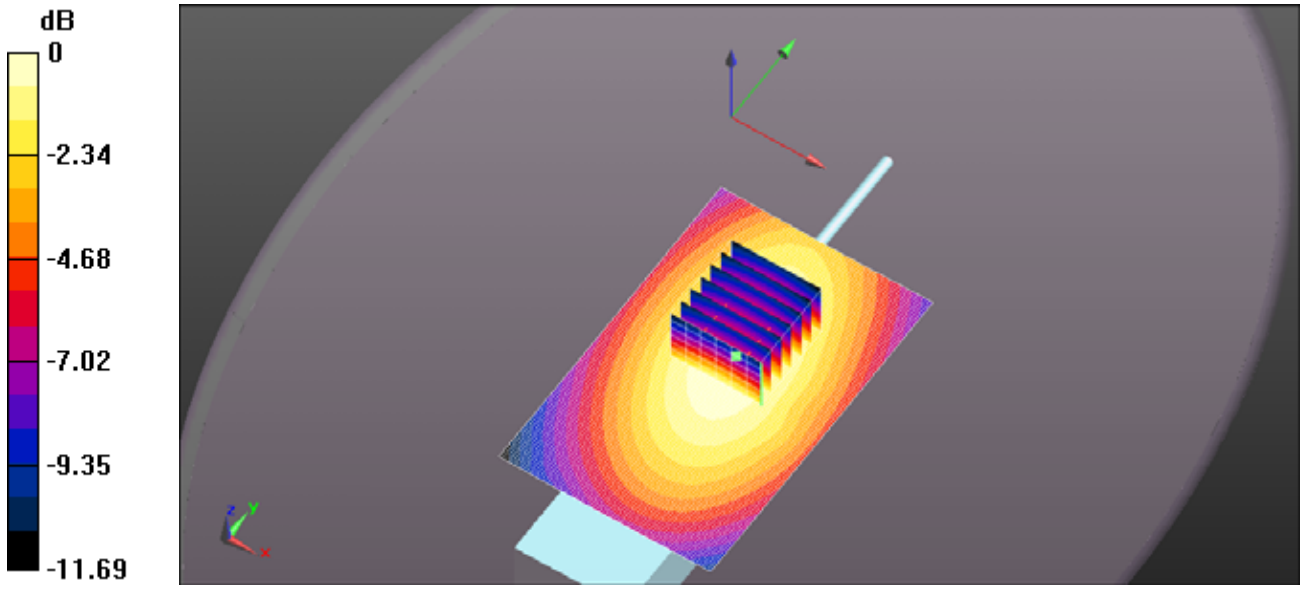
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.99 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 67.75 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 4.55 W/kg
SAR(1 g) = 3.15 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.01 W/kg



0 dB = 3.99 W/kg = 6.01 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC72U 490MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 490 MHz; Duty Cycle: 1:1
Medium parameters used: f = 490 MHz; σ = 0.893 S/m; ε_r = 44.794; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

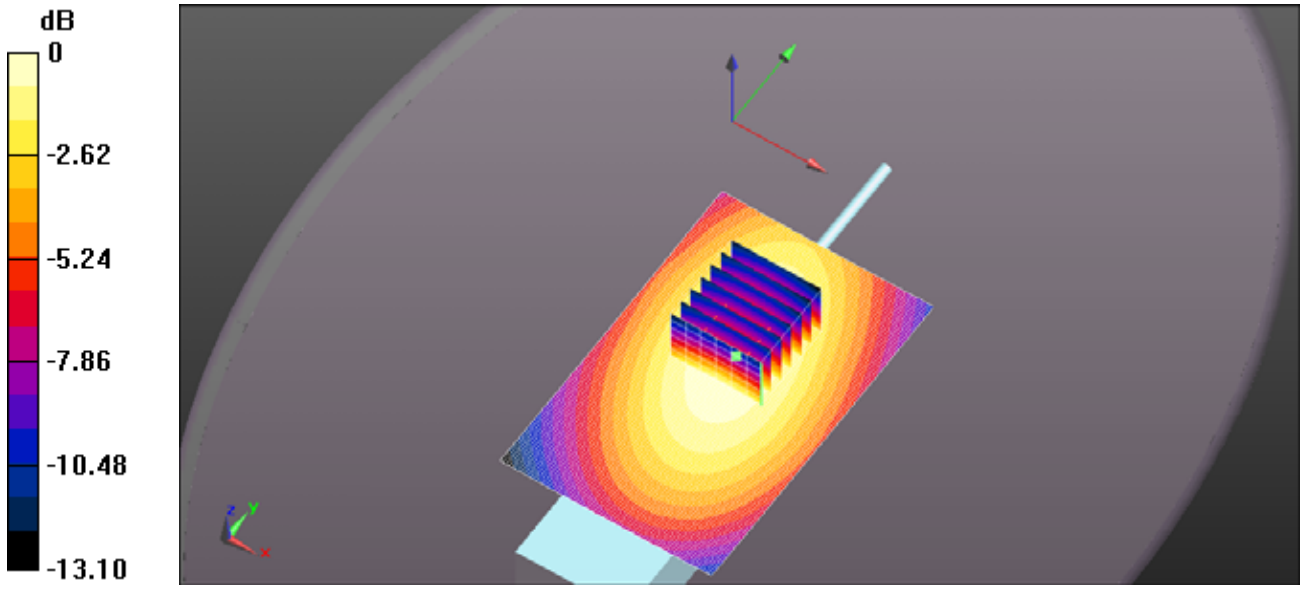
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.41 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 78.85 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.13 W/kg
SAR(1 g) = 4.19 W/kg; SAR(10 g) = 3.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.40 W/kg



0 dB = 5.41 W/kg = 7.33 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC73US 490MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 490 MHz; Duty Cycle: 1:1
Medium parameters used: f = 490 MHz; σ = 0.893 S/m; ε_r = 44.794; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

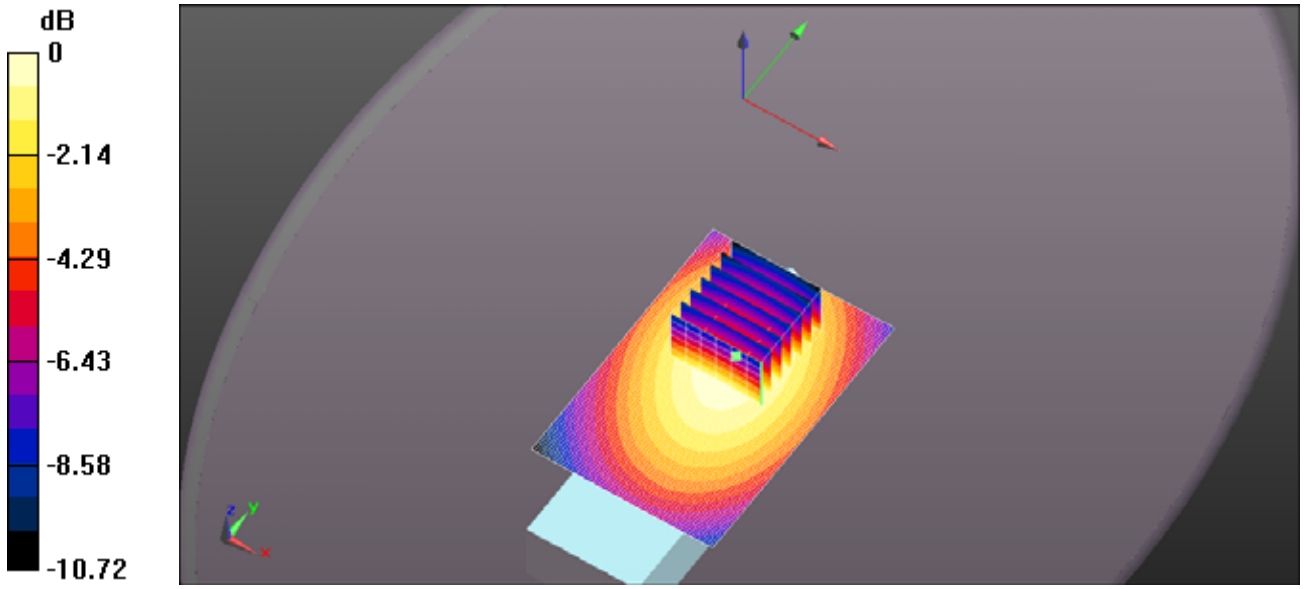
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x91x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.04 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 60.25 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.04 W/kg = 4.82 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC73US 450MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

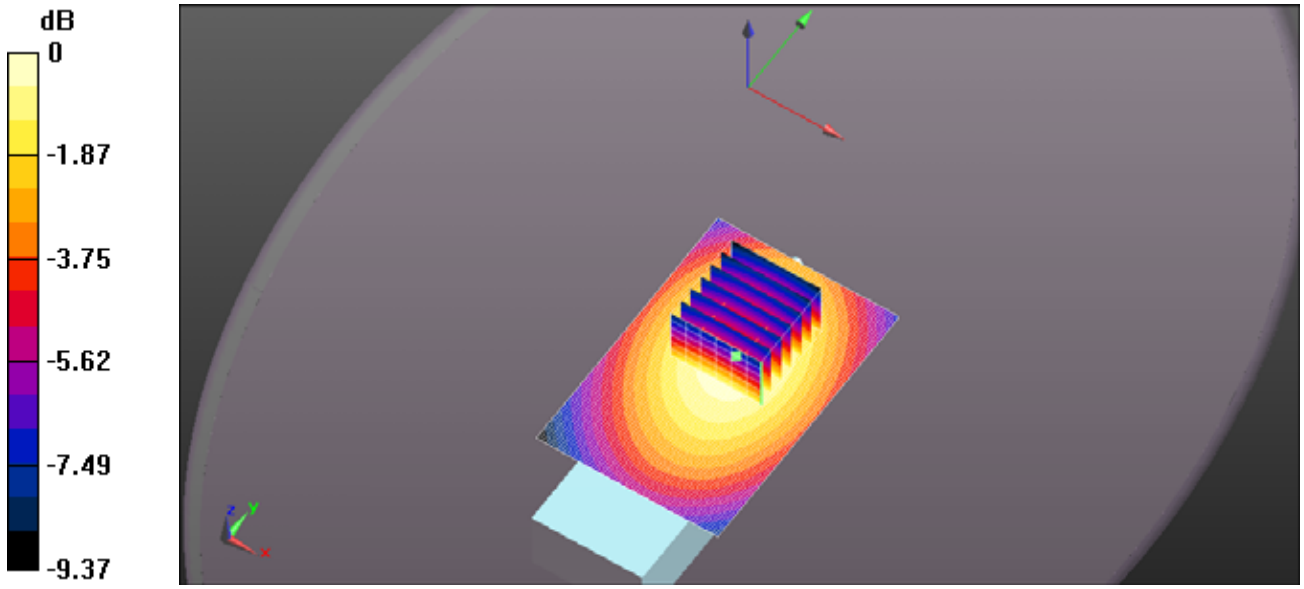
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x91x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.18 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.63 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.16 W/kg



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

FILE NAME: ICOM-493Q HEAD FA-SC61UC 450MHZ 148MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

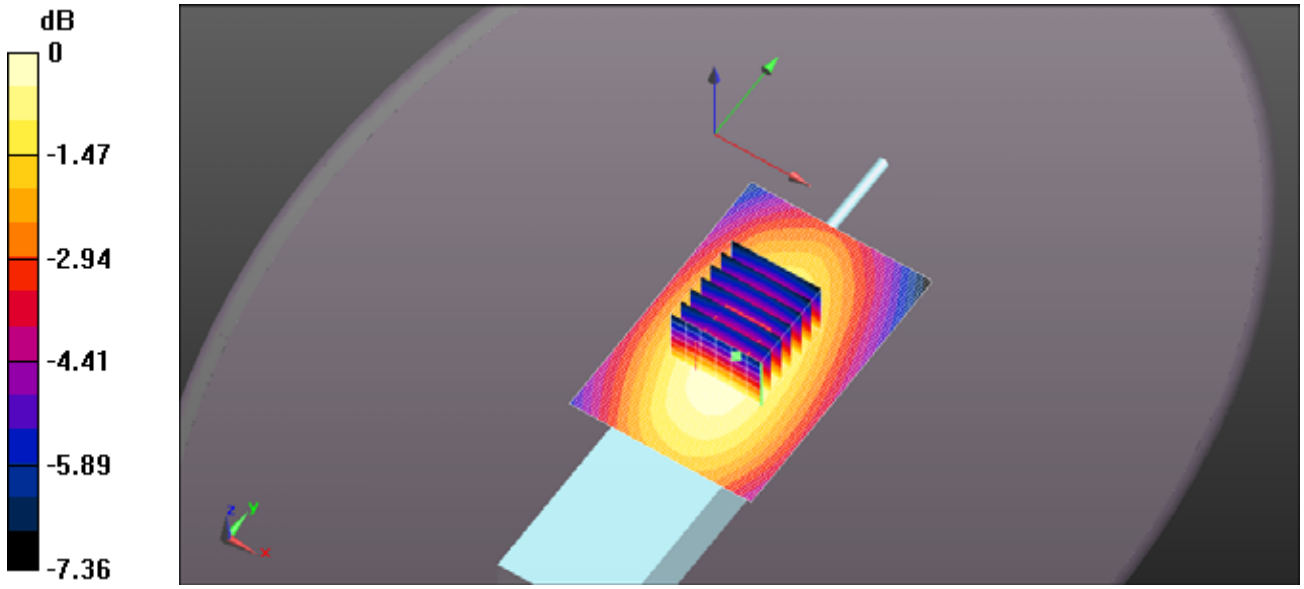
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x91x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.56 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 80.98 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 6.29 W/kg
SAR(1 g) = 4.46 W/kg; SAR(10 g) = 3.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.54 W/kg



0 dB = 5.56 W/kg = 7.45 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 480MHZ 148MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 480 MHz; Duty Cycle: 1:1
Medium parameters used: f = 480 MHz; σ = 0.89 S/m; ε_r = 45.19; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

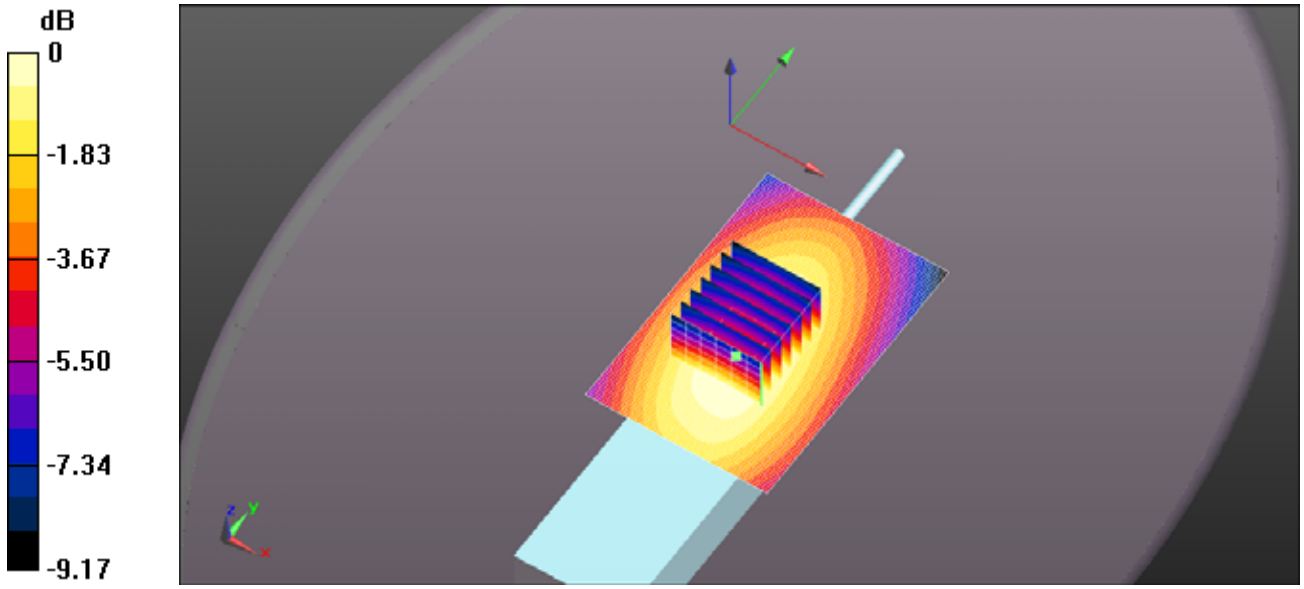
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x91x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.73 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 90.03 V/m; Power Drift = -0.71 dB
Peak SAR (extrapolated) = 7.27 W/kg
SAR(1 g) = 4.94 W/kg; SAR(10 g) = 3.64 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.31 W/kg



0 dB = 6.73 W/kg = 8.28 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 512MHZ 148MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 512 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 512 MHz; σ = 0.896 S/m; ε_r = 43.811; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

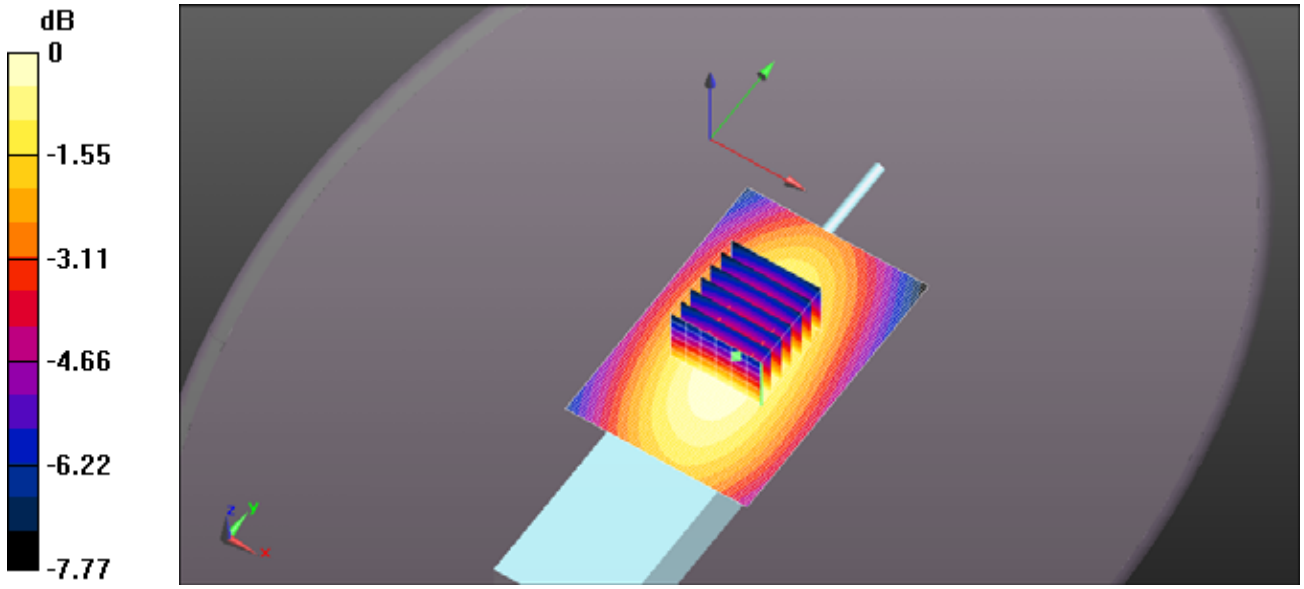
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x91x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.87 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.66 V/m; Power Drift = -0.47 dB
Peak SAR (extrapolated) = 5.27 W/kg
SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.6 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.61 W/kg



0 dB = 4.87 W/kg = 6.87 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 460MHZ 142MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used: f = 460 MHz; σ = 0.871 S/m; ε_r = 45.425; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

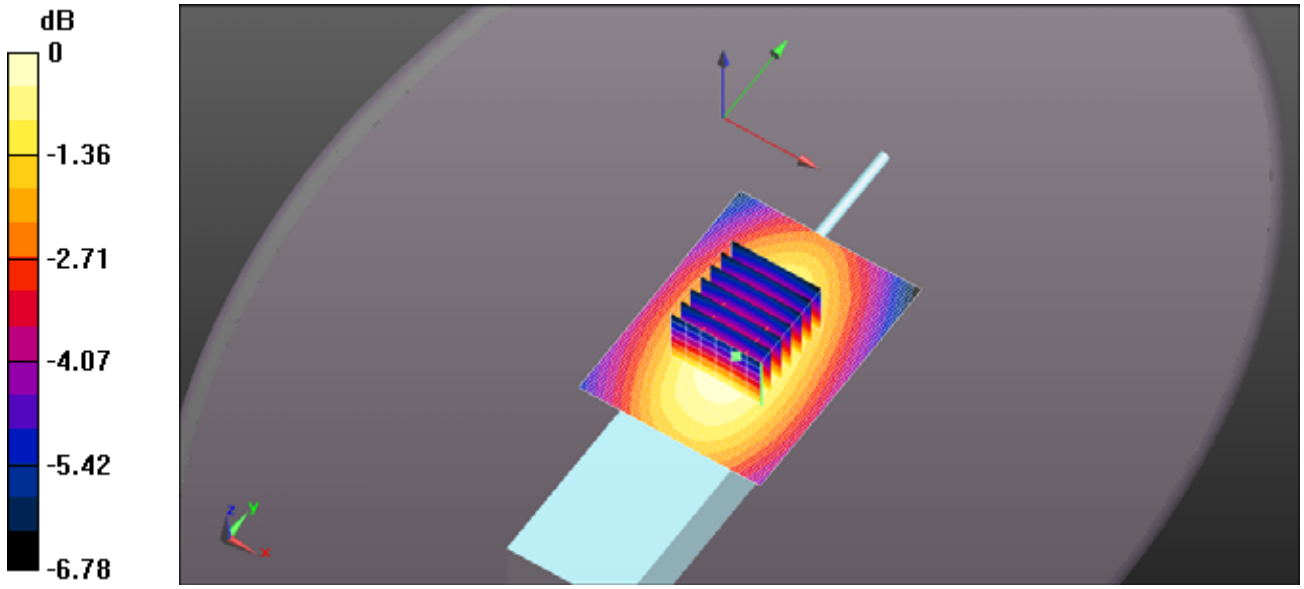
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.29 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 73.75 V/m; Power Drift = -0.50 dB
Peak SAR (extrapolated) = 4.79 W/kg
SAR(1 g) = 3.33 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.22 W/kg



0 dB = 4.29 W/kg = 6.33 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 496MHZ 142MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 496 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 496 MHz; σ = 0.893 S/m; ε_r = 44.538; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

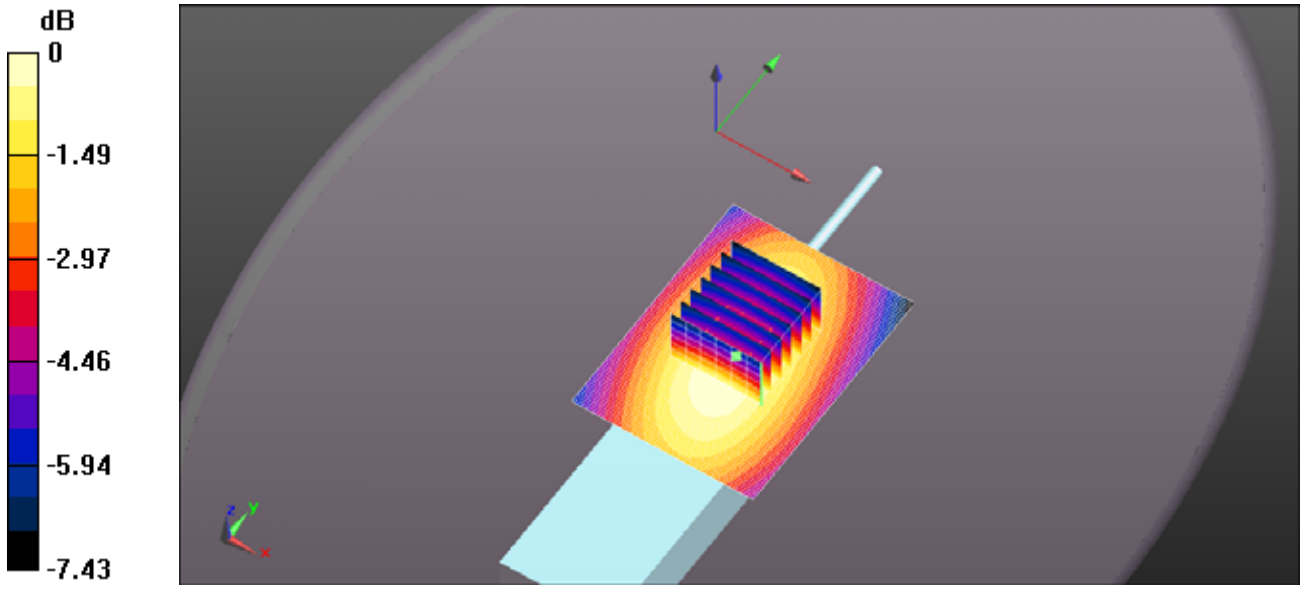
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.26 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.89 V/m; Power Drift = -0.60 dB
Peak SAR (extrapolated) = 6.86 W/kg
SAR(1 g) = 4.65 W/kg; SAR(10 g) = 3.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.02 W/kg



0 dB = 6.26 W/kg = 7.97 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 480MHZ 136MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 480 MHz; Duty Cycle: 1:1
Medium parameters used: f = 480 MHz; σ = 0.89 S/m; ε_r = 45.19; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

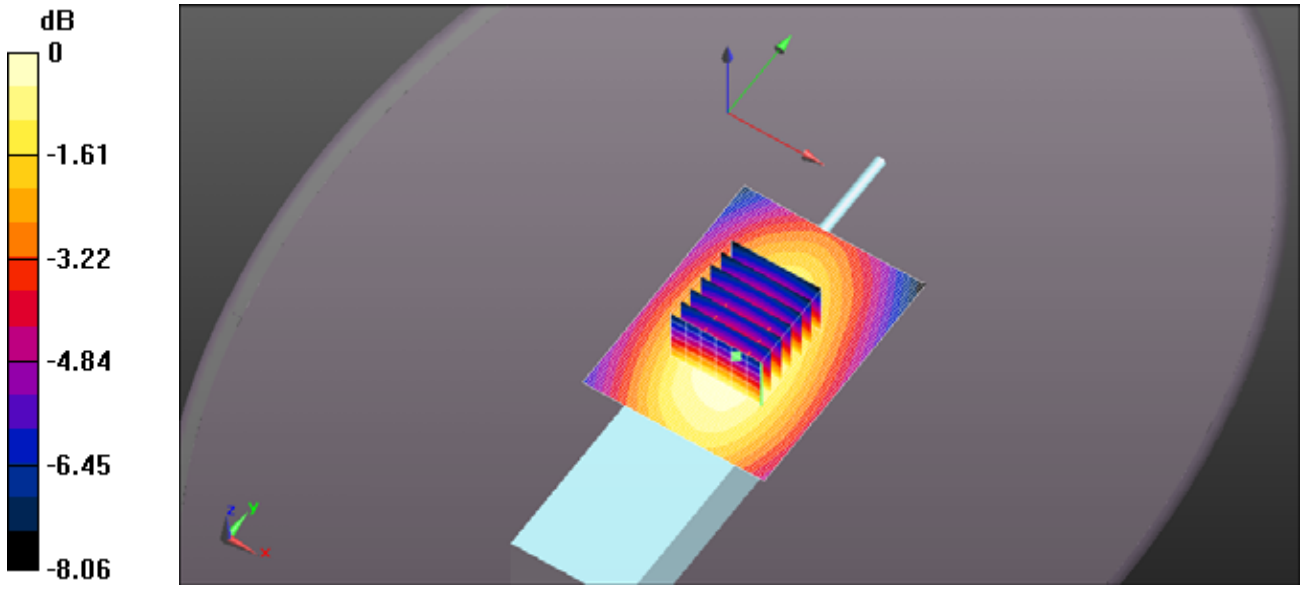
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.53 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.21 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 5.14 W/kg
SAR(1 g) = 3.51 W/kg; SAR(10 g) = 2.57 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.52 W/kg



0 dB = 4.53 W/kg = 6.56 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 450MHZ 136MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

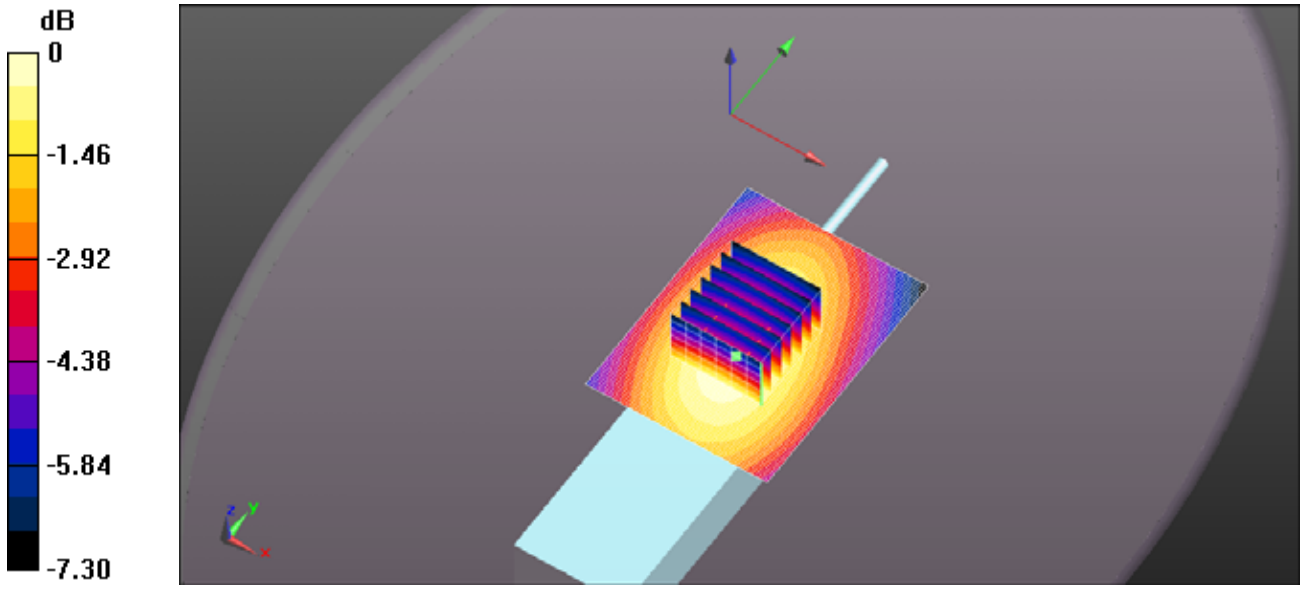
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.45 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.59 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.89 W/kg
SAR(1 g) = 2.76 W/kg; SAR(10 g) = 2.04 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.43 W/kg



0 dB = 3.45 W/kg = 5.38 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 512MHZ 136MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 512 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 512 MHz; σ = 0.896 S/m; ε_r = 43.811; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

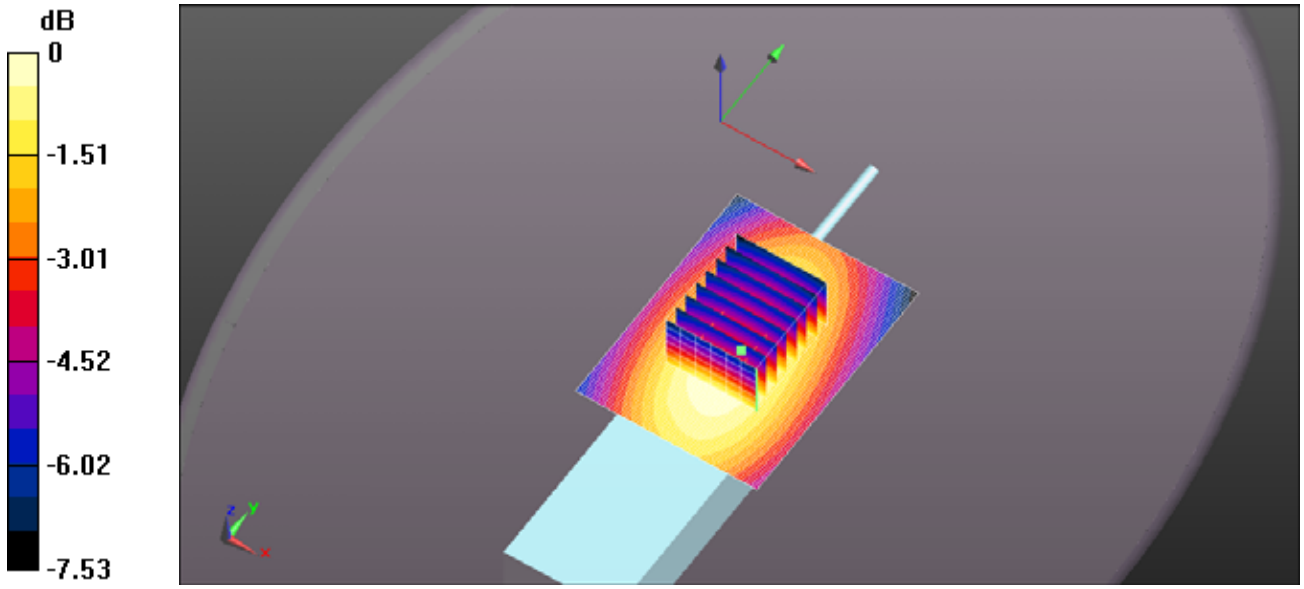
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.24 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.75 V/m; Power Drift = -0.63 dB
Peak SAR (extrapolated) = 6.78 W/kg
SAR(1 g) = 4.56 W/kg; SAR(10 g) = 3.34 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.90 W/kg



0 dB = 6.24 W/kg = 7.95 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 500MHZ 129MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 500 MHz; σ = 0.894 S/m; ε_r = 44.378; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

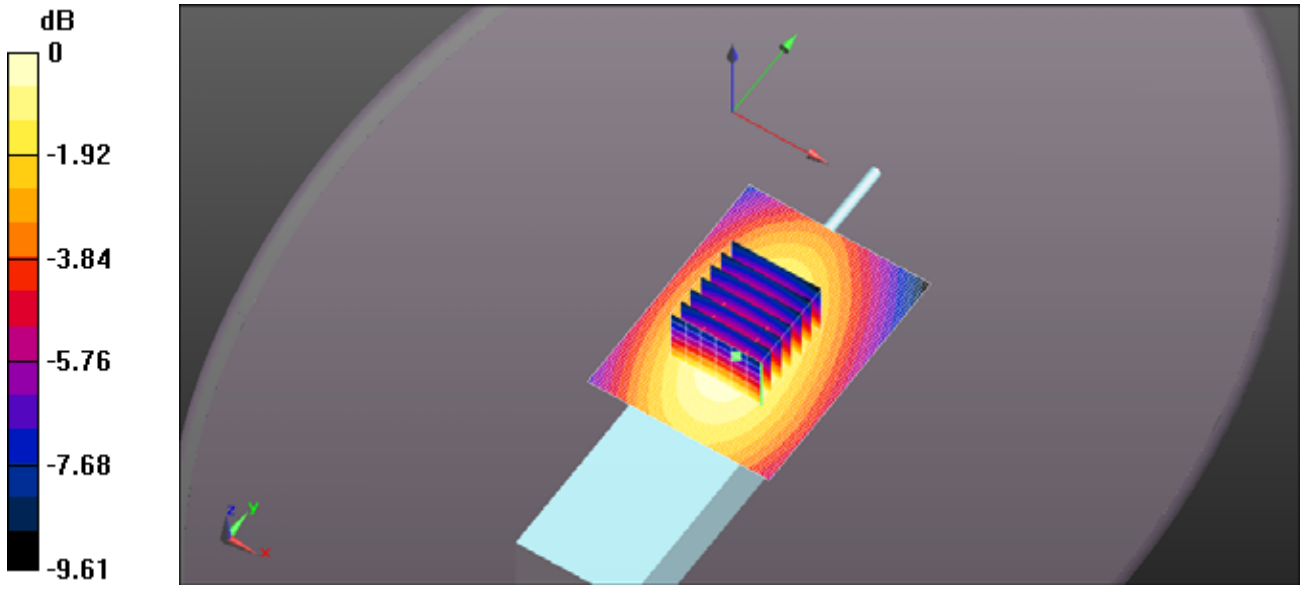
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.14 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.67 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 6.08 W/kg
SAR(1 g) = 4.05 W/kg; SAR(10 g) = 2.95 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.31 W/kg



0 dB = 5.14 W/kg = 7.11 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 465MHZ 129MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 465 MHz; Duty Cycle: 1:1
Medium parameters used: f = 465 MHz; σ = 0.877 S/m; ε_r = 45.469; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

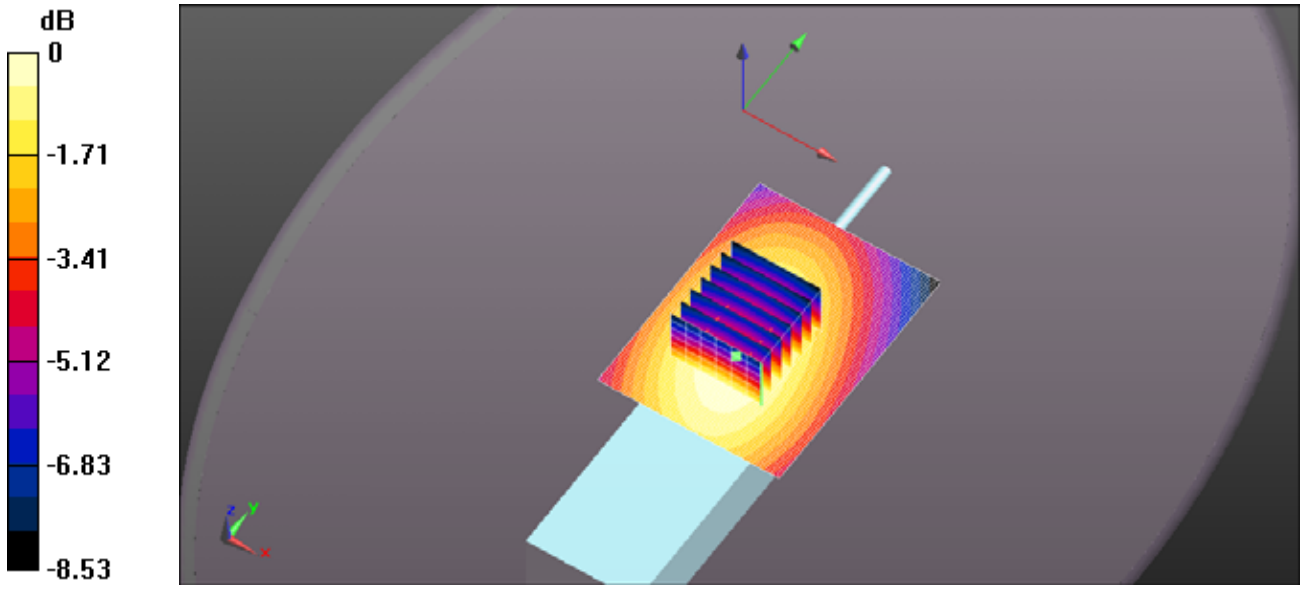
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.38 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.68 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.77 W/kg
SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.44 W/kg



0 dB = 2.38 W/kg = 3.76 dBW/kg

File Name: ICOM-493Q Head FA-SC61UC 512MHz 125mm BP-280.da52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 512 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 512 MHz; σ = 0.896 S/m; ε_r = 43.811; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

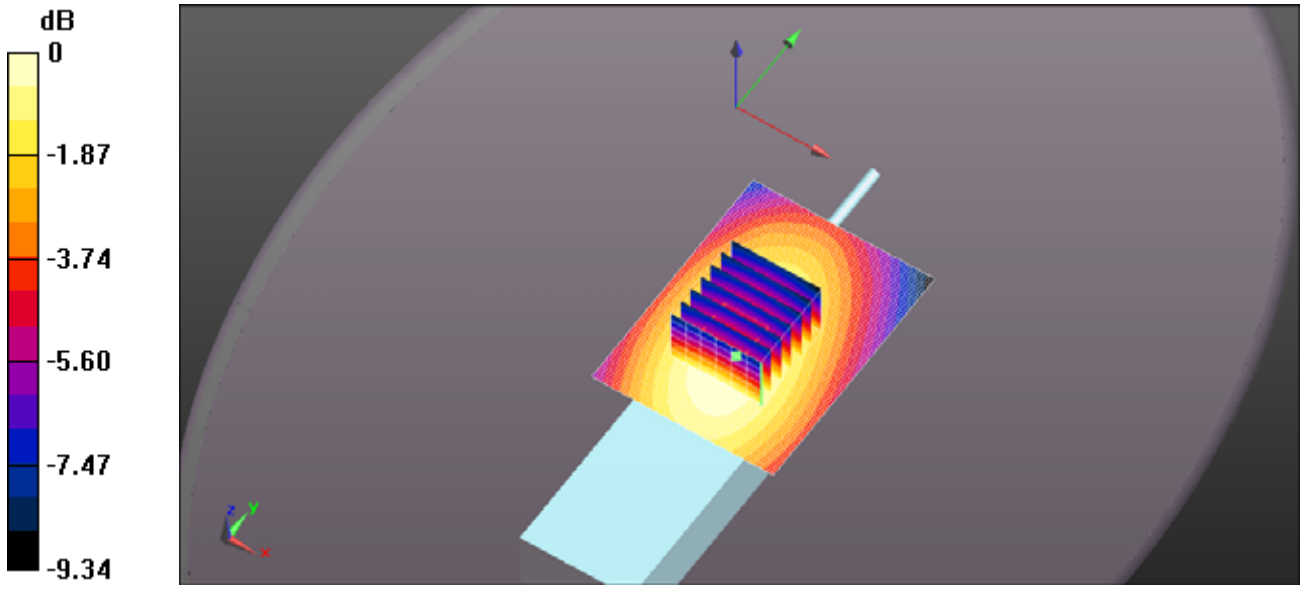
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.70 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 86.77 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 7.52 W/kg
SAR(1 g) = 5.04 W/kg; SAR(10 g) = 3.69 W/kg (SAR corrected for target medium).
Maximum value of SAR (measured) = 6.58 W/kg



0 dB = 6.70 W/kg = 8.26 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 450MHZ 125MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.857 S/m; ε_r = 45.421; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

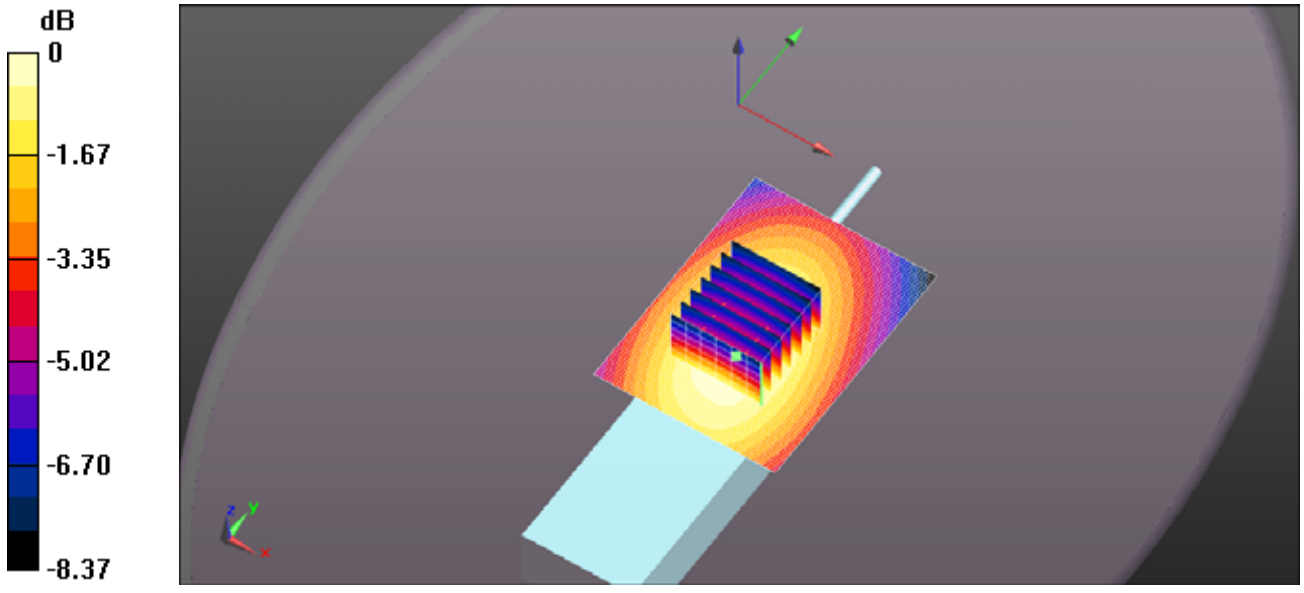
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.94 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.40 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 1.61 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.00 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

FILE NAME: ICOM-493Q HEAD FA-SC61UC 480MHZ 125MM BP-280.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

Communication System: UID 0, CW (0); Frequency: 480 MHz; Duty Cycle: 1:1
Medium parameters used: f = 480 MHz; σ = 0.89 S/m; ε_r = 45.19; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

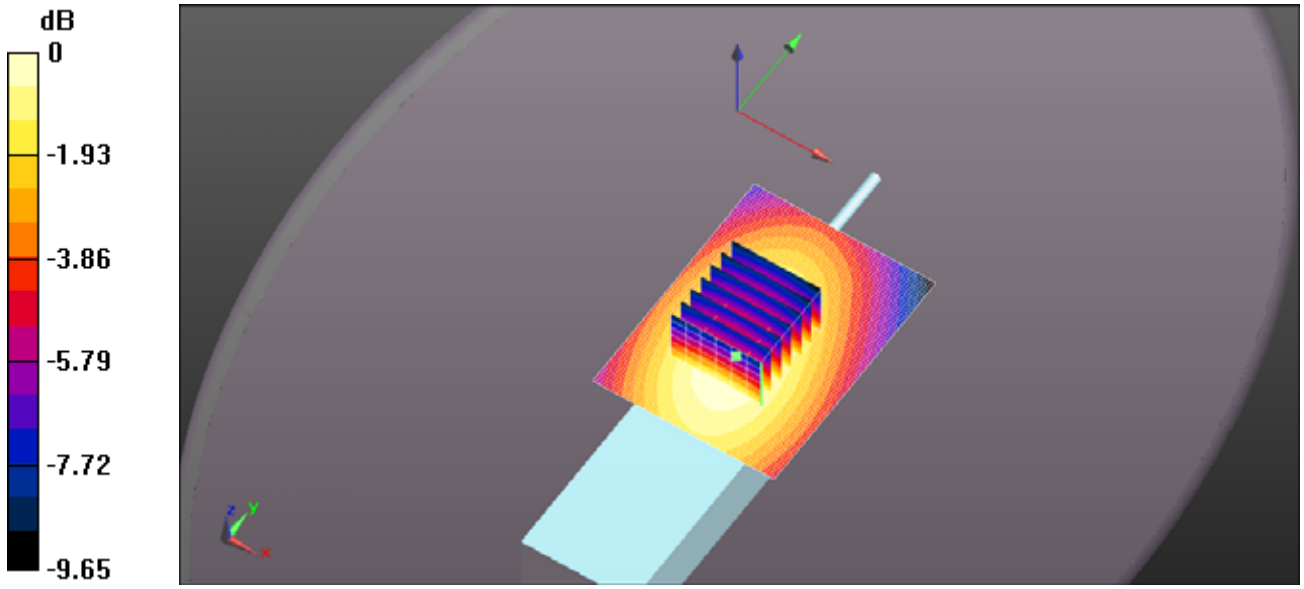
- Probe: EX3DV4 - SN3673; ConvF(10.14, 10.14, 10.14); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.52 W/kg

Configuration_Head, IC-F2100DT/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.92 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.57 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

EXHIBIT 3. BODY SAR MEASUREMENTS

Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	Power Drift
				BP-279	
			(MHz)	1570mAh	(dB)
FA-SC57U 430-470 MHz	3.89	1	450	5.48	-0.22
	3.93	2	460	**	**
	3.94	4	470	5.93	-0.28
FA-SC72U 470-520 MHz	3.94	4	470	**	**
	3.99	6	490	8.28	-0.1
	3.99	9	512	**	**
FA-SC73US 450-490 MHz	3.89	1	450	3.76	-0.08
	3.94	4	470	**	**
	3.99	6	490	2.96	-0.1
FA-SC26US 400-450 MHz	3.89	1	450	3.98	-0.12

Cut Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	Power Drift
				BP-279	
			(MHz)	1570mAh	(dB)
FA-SC61UC 440MHz 148mm	3.89	1	450	7.17	-0.44
	3.93	2	460	**	**
	3.93	5	480	6.26	-0.43
	4.01	7	496	**	**
	3.99	9	512	4.16	-0.82
FA-SC61UC 460MHz 142mm	3.89	1	450	**	**
	3.93	2	460	5.92	-0.61
	3.93	5	480	**	**
	4.01	7	496	5.96	-0.67
	3.99	9	512	**	**
FA-SC61UC 480MHz 136mm	3.89	1	450	4.8	0.01
	3.96	3	465	**	**
	3.93	5	480	6.64	-0.14
	4.01	7	496	**	**
	3.99	9	512	4.86	-1.23
FA-SC61UC 500MHz 129mm	3.89	1	450	**	**
	3.96	3	465	3.93	0
	3.93	5	480	**	**
	4.06	8	500	7.7	-0.05
	3.99	9	512	**	**
FA-SC61UC 520MHz 125mm	3.89	1	450	3.07	0
	3.96	3	465	**	**
	3.93	5	480	4.03	-0.21
	4.01	7	496	**	**
	3.99	9	512	9.01	-0.56

FILE NAME: ICOM-493Q BODY FA-SC57U 450MHZ BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

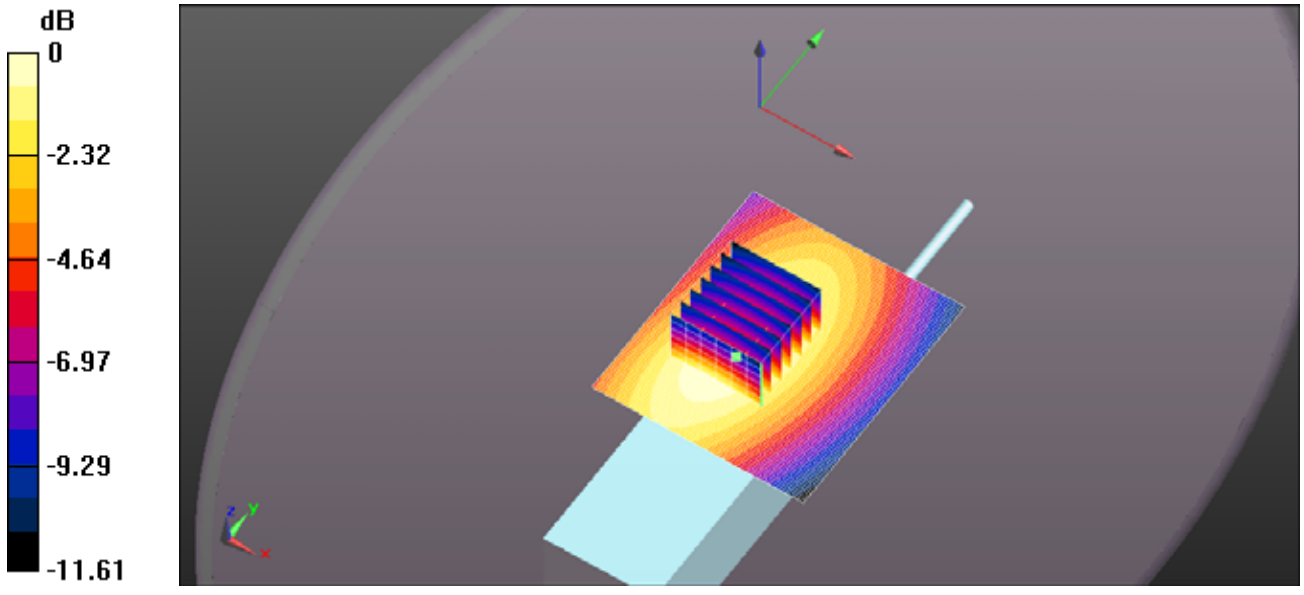
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.02 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 90.65 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 8.07 W/kg
SAR(1 g) = 5.48 W/kg; SAR(10 g) = 3.99 W/kg
Maximum value of SAR (measured) = 7.07 W/kg



0 dB = 7.02 W/kg = 8.46 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC57U 470MHZ BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

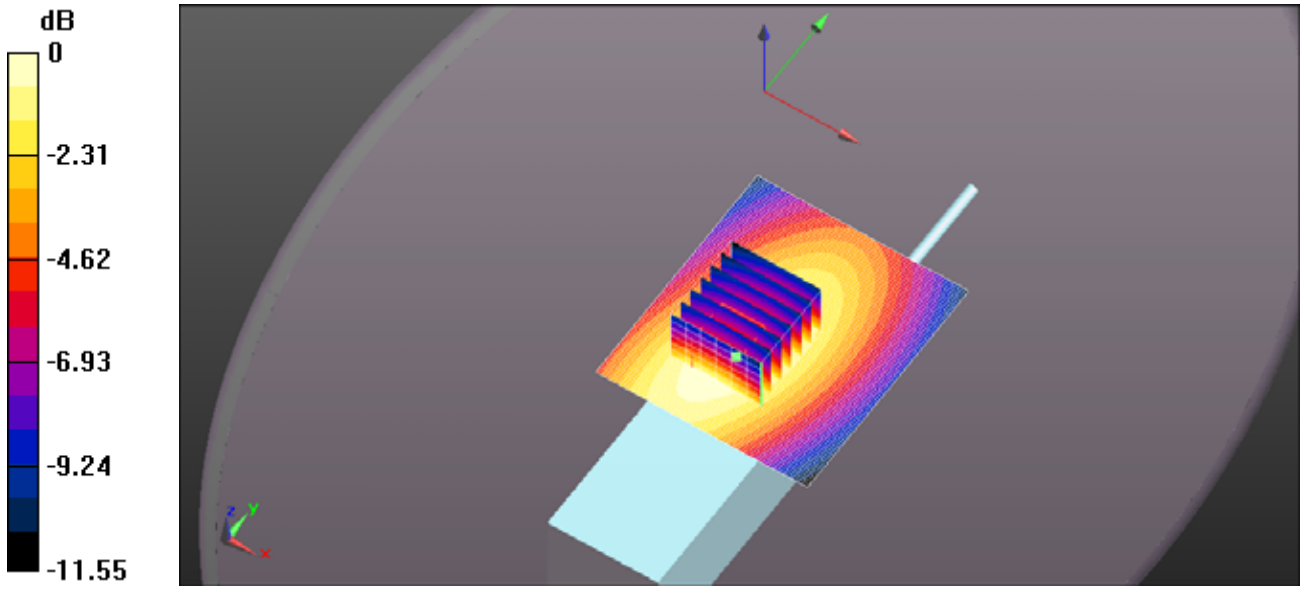
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.91 S/m; ε_r = 55.471; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.68 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 94.68 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 8.77 W/kg
SAR(1 g) = 5.93 W/kg; SAR(10 g) = 4.3 W/kg
Maximum value of SAR (measured) = 7.62 W/kg



0 dB = 7.68 W/kg = 8.85 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC26US 450MHZ BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

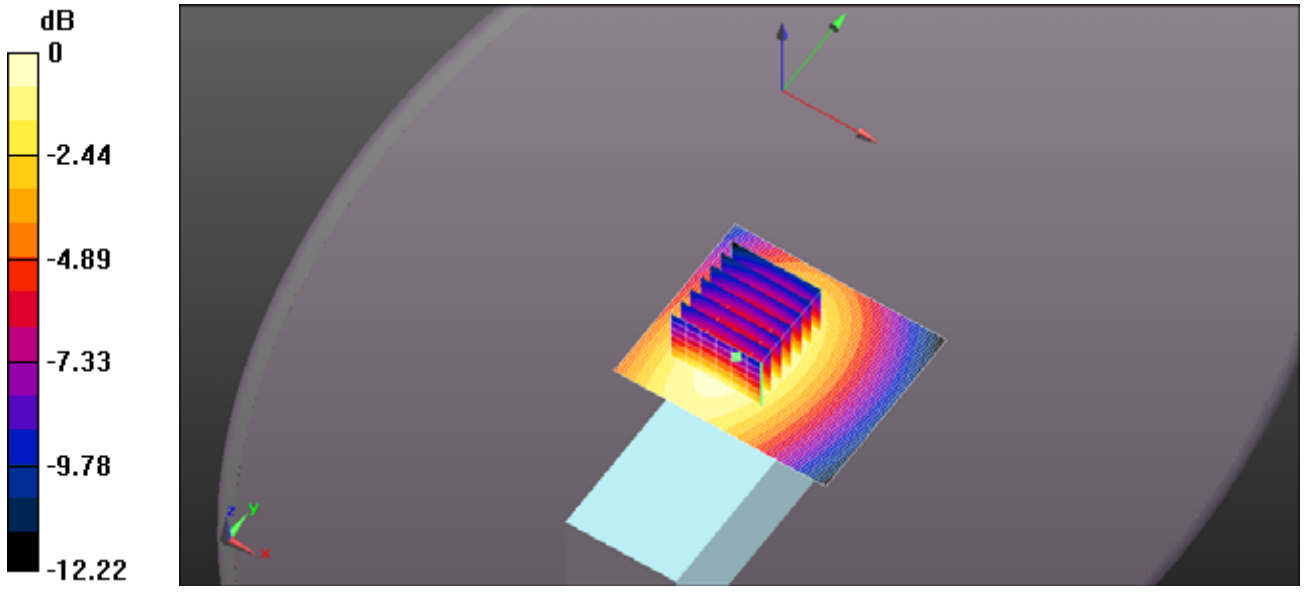
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.19 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 74.13 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 5.85 W/kg
SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.88 W/kg
Maximum value of SAR (measured) = 5.11 W/kg



0 dB = 5.19 W/kg = 7.15 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC73US 490MHZ BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

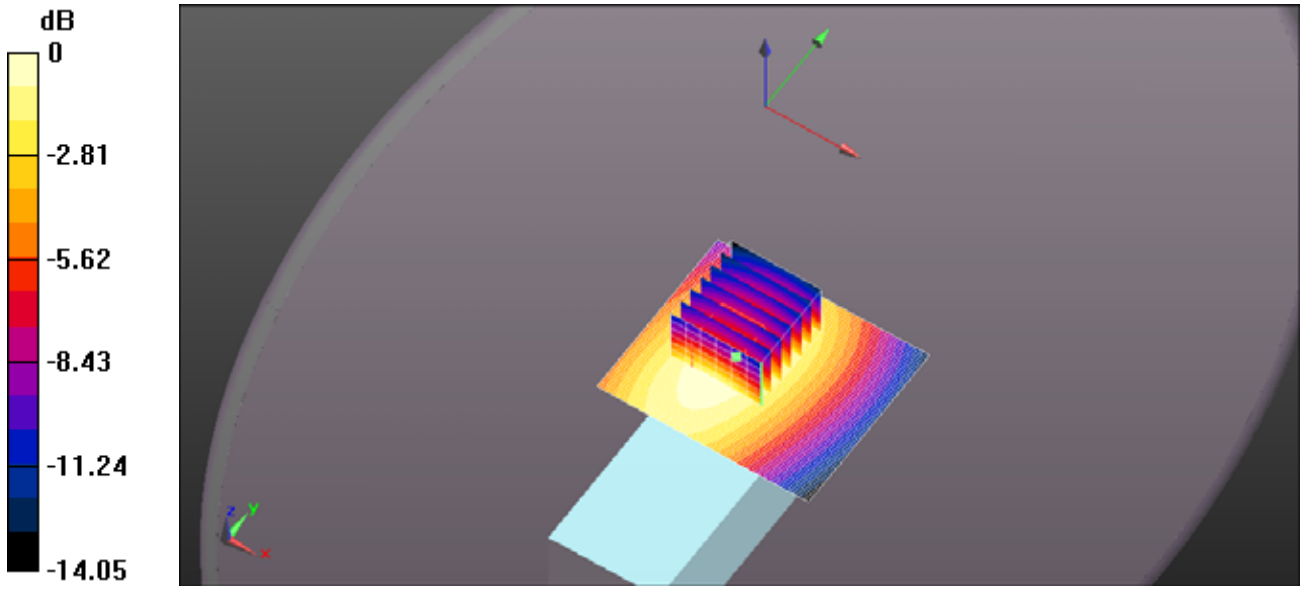
Communication System: UID 0, CW (0); Frequency: 490 MHz; Duty Cycle: 1:1
Medium parameters used: f = 490 MHz; σ = 0.937 S/m; ε_r = 54.981; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.80 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 63.88 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 2.96 W/kg; SAR(10 g) = 2.15 W/kg
Maximum value of SAR (measured) = 3.81 W/kg



0 dB = 3.80 W/kg = 5.80 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC73US 450MHZ BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

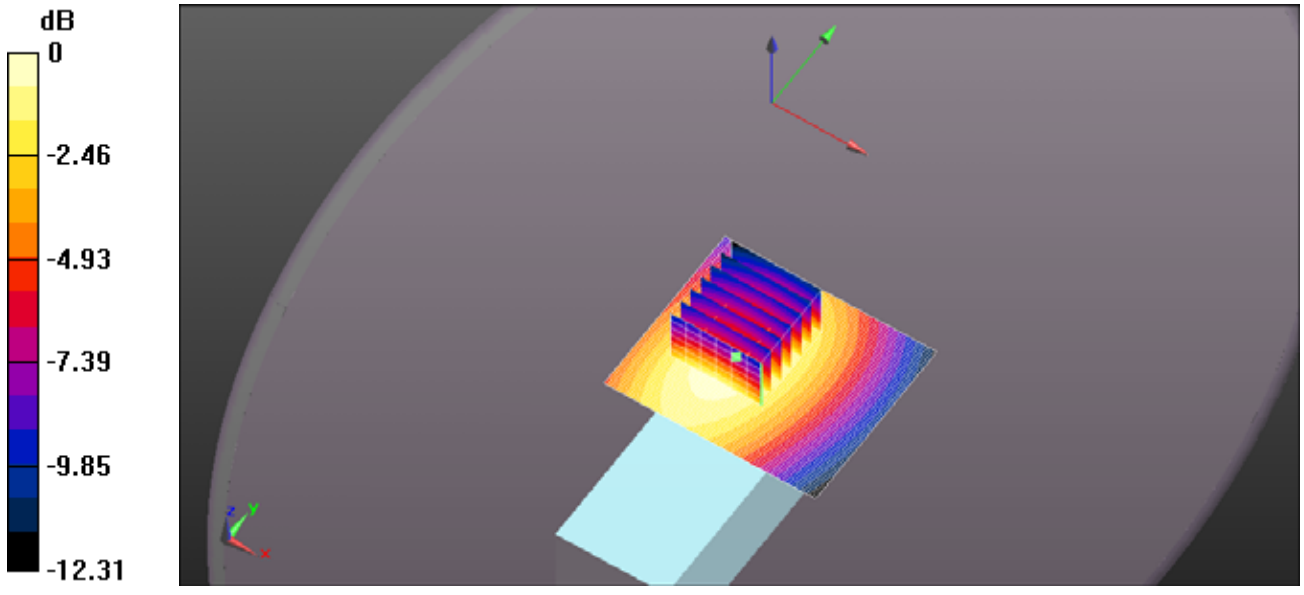
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.89 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 73.59 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 5.51 W/kg
SAR(1 g) = 3.76 W/kg; SAR(10 g) = 2.74 W/kg
Maximum value of SAR (measured) = 4.83 W/kg



0 dB = 4.89 W/kg = 6.89 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC72U 490MHZ BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

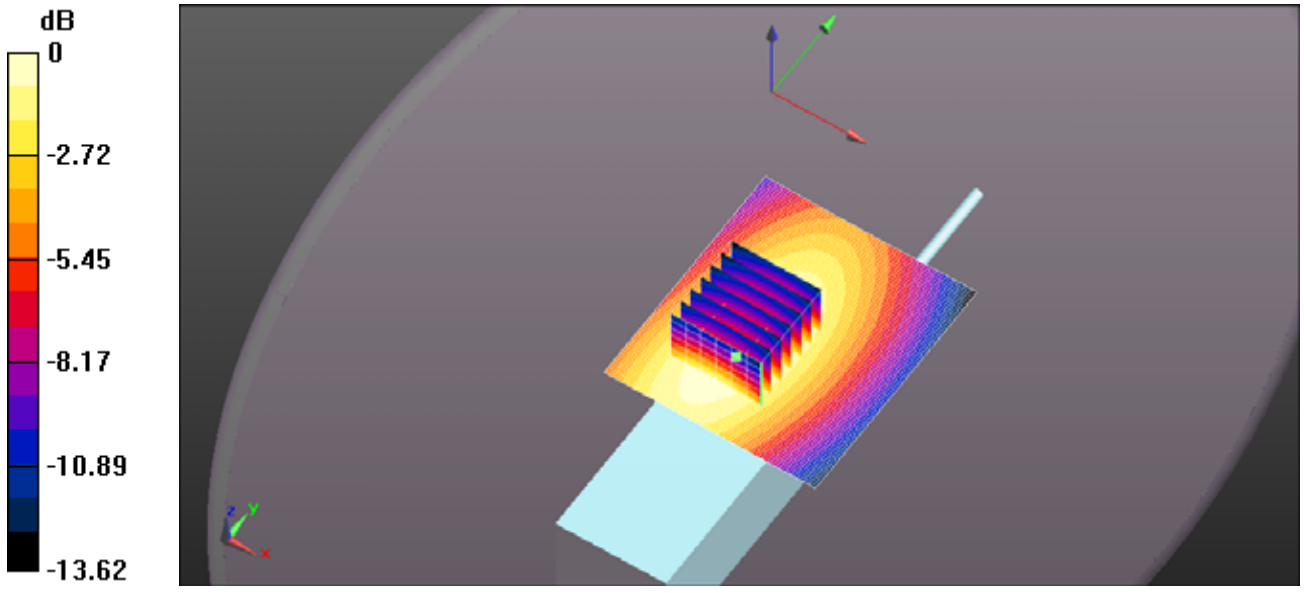
Communication System: UID 0, CW (0); Frequency: 490 MHz; Duty Cycle: 1:1
Medium parameters used: f = 490 MHz; σ = 0.937 S/m; ε_r = 54.981; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 10.7 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 106.9 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 8.28 W/kg; SAR(10 g) = 6.04 W/kg
Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.7 W/kg = 10.27 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 450MHZ 148MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

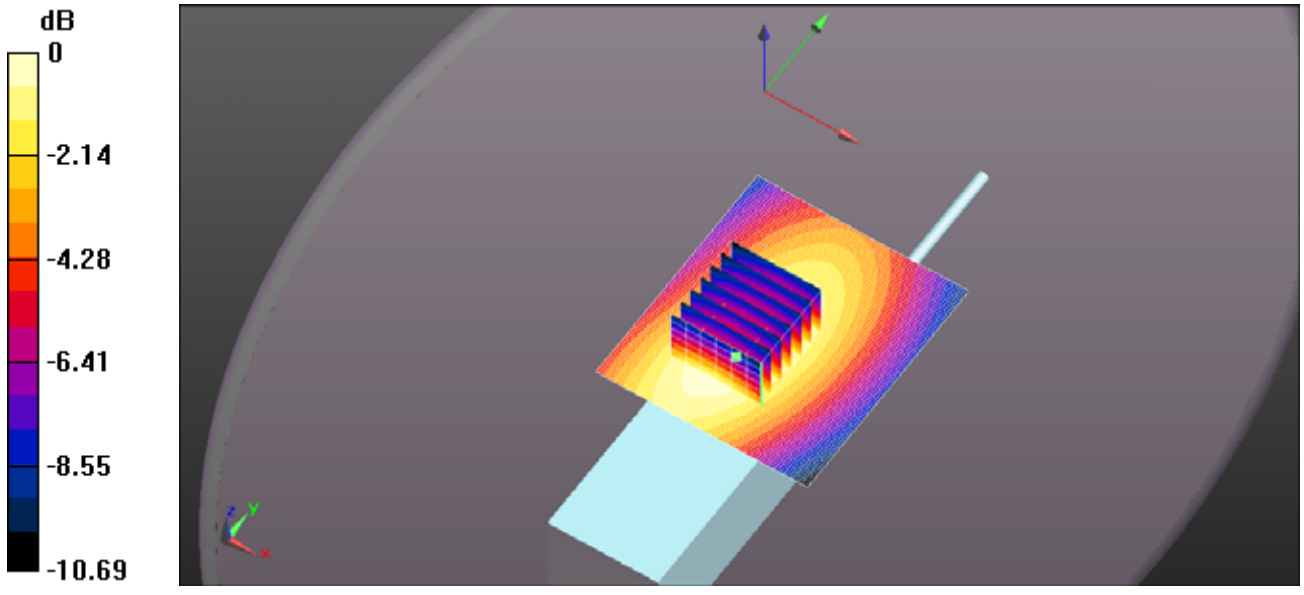
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.23 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 105.6 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 10.5 W/kg
SAR(1 g) = 7.17 W/kg; SAR(10 g) = 5.26 W/kg
Maximum value of SAR (measured) = 9.20 W/kg



0 dB = 9.23 W/kg = 9.65 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 480MHZ 148MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

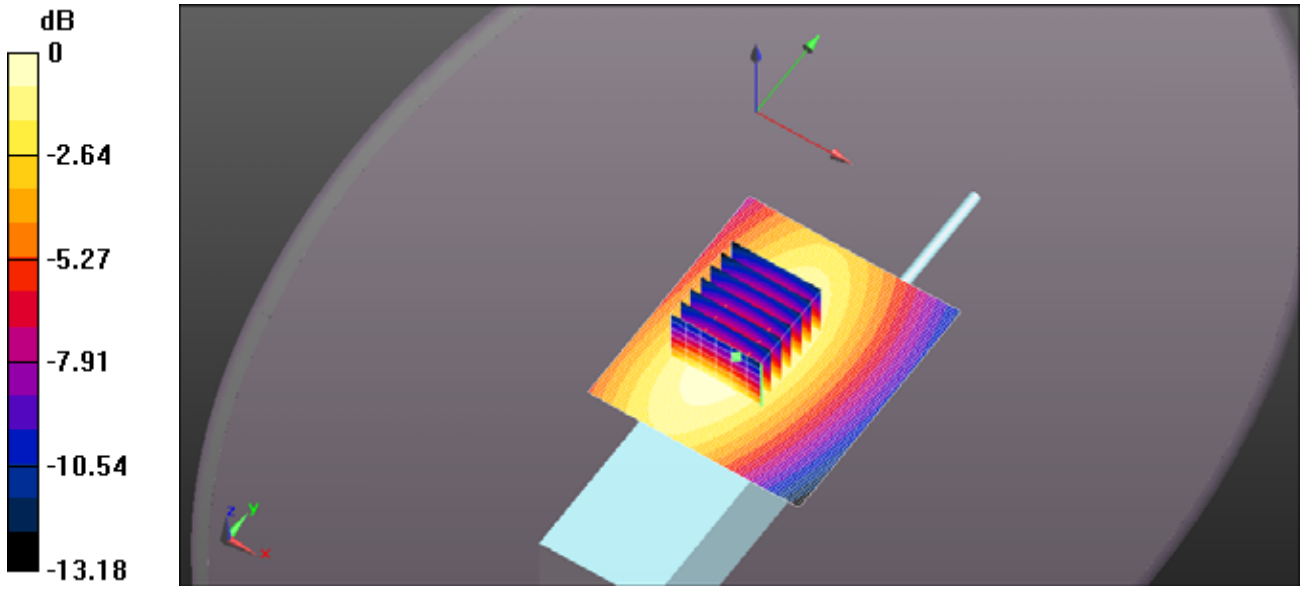
Communication System: UID 0, CW (0); Frequency: 480 MHz; Duty Cycle: 1:1
Medium parameters used: f = 480 MHz; σ = 0.921 S/m; ε_r = 55.315; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.45 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 96.75 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 9.22 W/kg
SAR(1 g) = 6.26 W/kg; SAR(10 g) = 4.58 W/kg
Maximum value of SAR (measured) = 8.02 W/kg



0 dB = 8.45 W/kg = 9.27 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 512MHZ 148MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

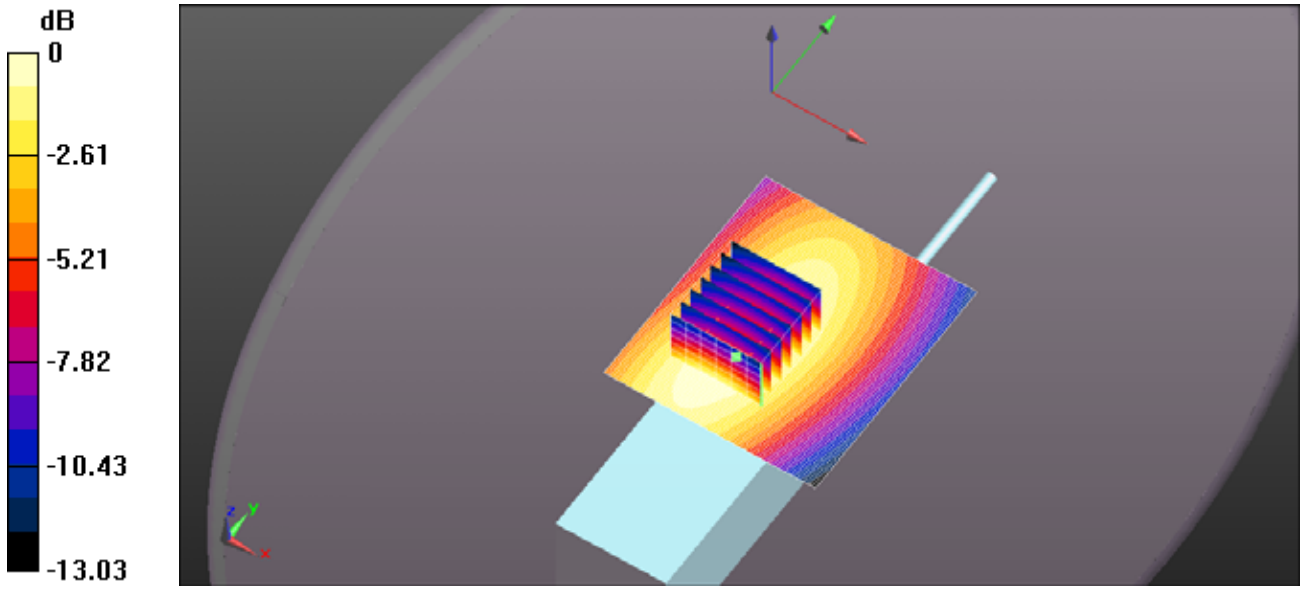
Communication System: UID 0, CW (0); Frequency: 512 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 512 MHz; σ = 0.977 S/m; ε_r = 54.193; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.80 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 79.49 V/m; Power Drift = -0.82 dB
Peak SAR (extrapolated) = 6.08 W/kg
SAR(1 g) = 4.16 W/kg; SAR(10 g) = 3.03 W/kg
Maximum value of SAR (measured) = 5.31 W/kg



0 dB = 5.80 W/kg = 7.64 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 460MHZ 142MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

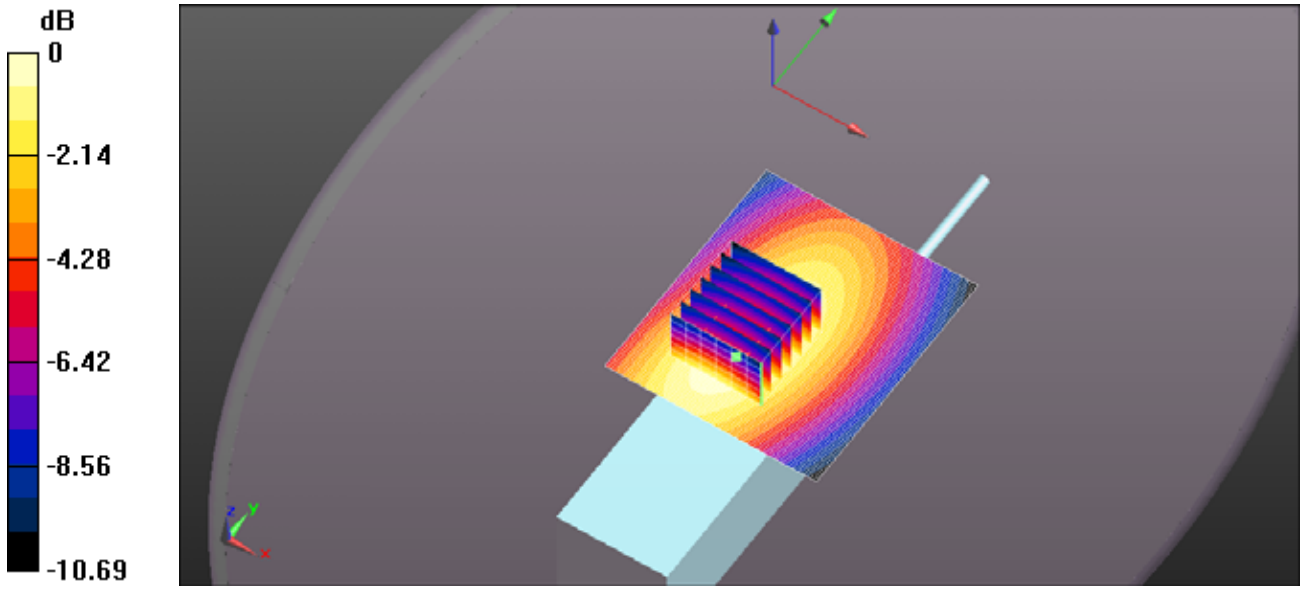
Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used: f = 460 MHz; σ = 0.905 S/m; ε_r = 55.553; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.63 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 97.68 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = 8.62 W/kg
SAR(1 g) = 5.92 W/kg; SAR(10 g) = 4.34 W/kg
Maximum value of SAR (measured) = 7.56 W/kg



0 dB = 7.63 W/kg = 8.83 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 496MHZ 142MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

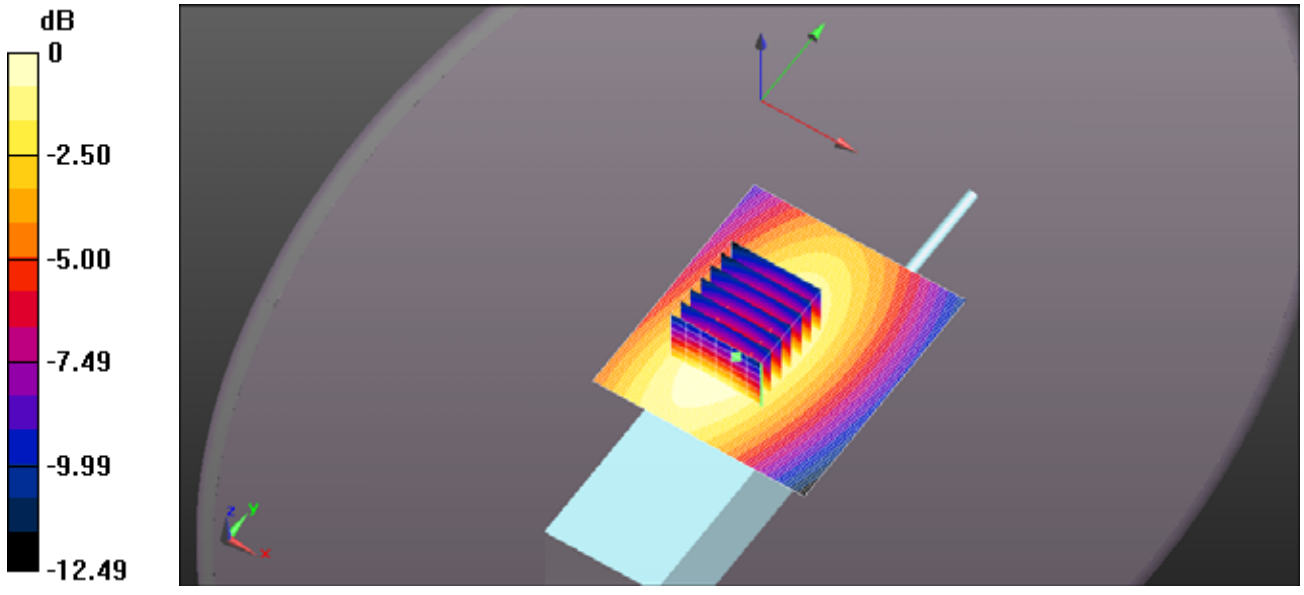
Communication System: UID 0, CW (0); Frequency: 496 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 496 MHz; σ = 0.946 S/m; ε_r = 54.787; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.27 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 95.97 V/m; Power Drift = -0.67 dB
Peak SAR (extrapolated) = 8.80 W/kg
SAR(1 g) = 5.96 W/kg; SAR(10 g) = 4.34 W/kg
Maximum value of SAR (measured) = 7.65 W/kg



0 dB = 8.27 W/kg = 9.17 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 480MHZ 136MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

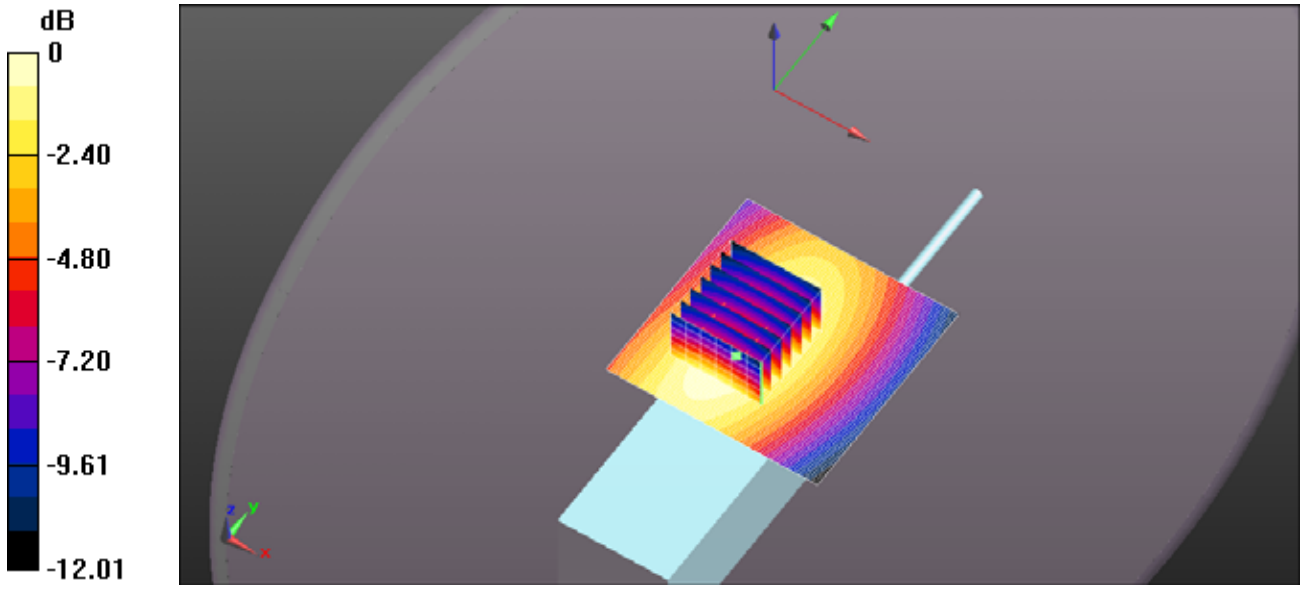
Communication System: UID 0, CW (0); Frequency: 480 MHz; Duty Cycle: 1:1
Medium parameters used: f = 480 MHz; σ = 0.921 S/m; ε_r = 55.315; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.61 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 97.18 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 9.76 W/kg
SAR(1 g) = 6.64 W/kg; SAR(10 g) = 4.83 W/kg
Maximum value of SAR (measured) = 8.56 W/kg



0 dB = 8.61 W/kg = 9.35 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 450MHZ 136MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

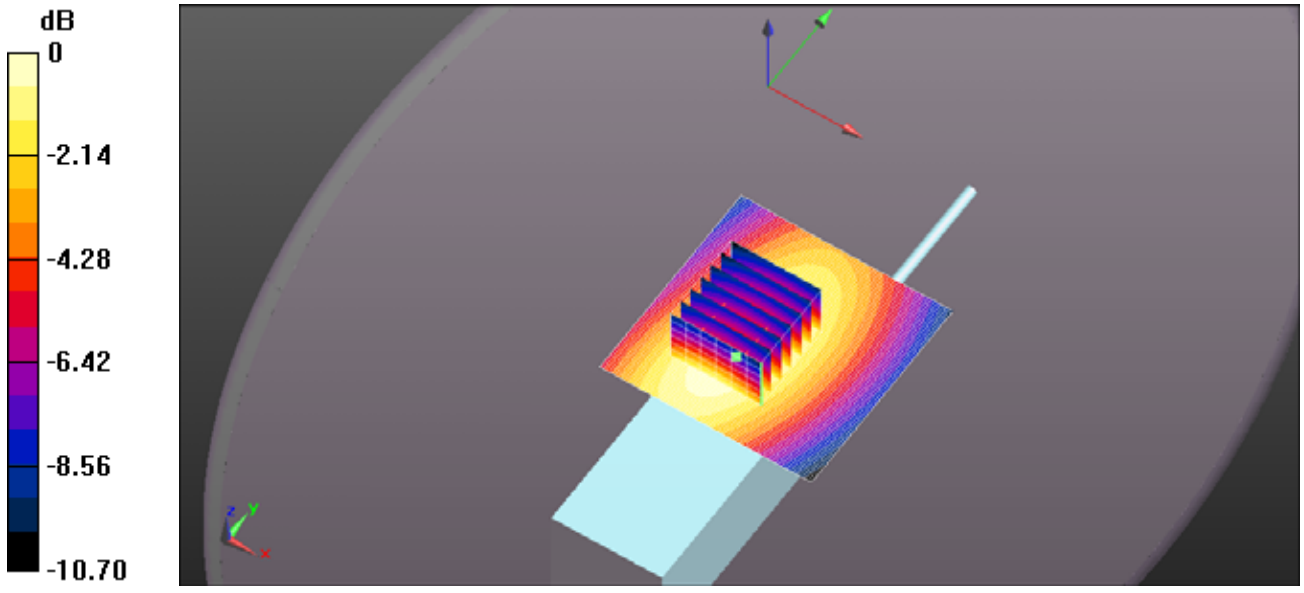
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.27 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 82.62 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 7.07 W/kg
SAR(1 g) = 4.8 W/kg; SAR(10 g) = 3.5 W/kg
Maximum value of SAR (measured) = 6.19 W/kg



0 dB = 6.27 W/kg = 7.97 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 512MHZ 136MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

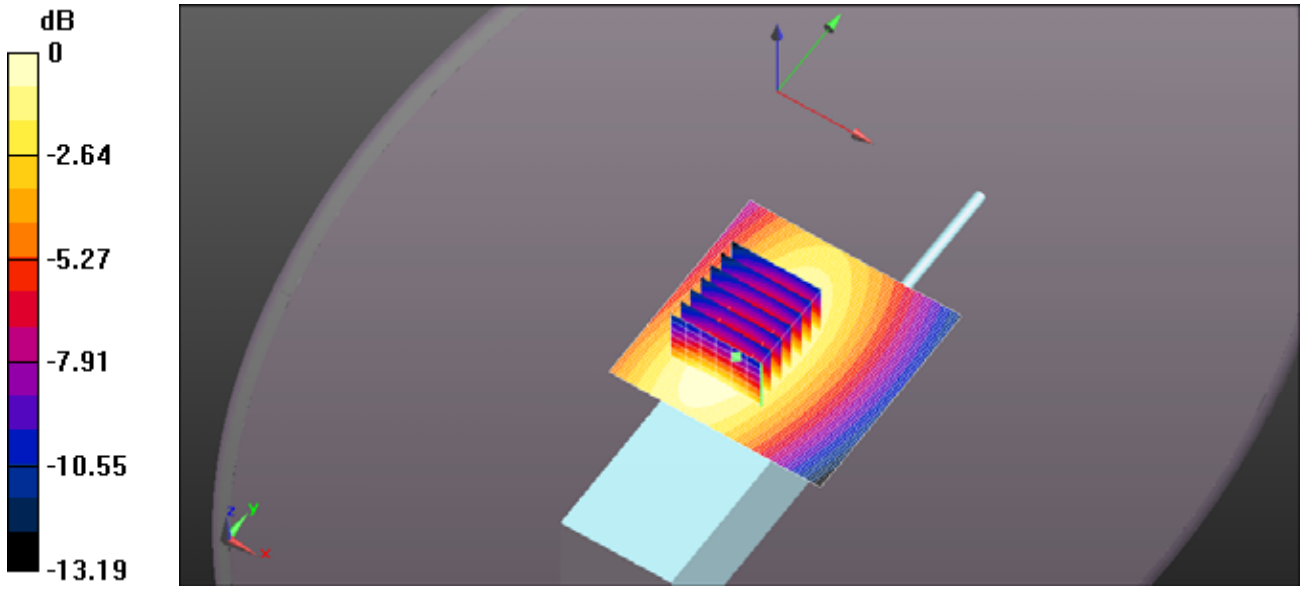
Communication System: UID 0, CW (0); Frequency: 512 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 512 MHz; σ = 0.977 S/m; ε_r = 54.193; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.88 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.41 V/m; Power Drift = -1.23 dB
Peak SAR (extrapolated) = 7.12 W/kg
SAR(1 g) = 4.86 W/kg; SAR(10 g) = 3.52 W/kg
Maximum value of SAR (measured) = 6.18 W/kg



0 dB = 6.88 W/kg = 8.38 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 500MHZ 129MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

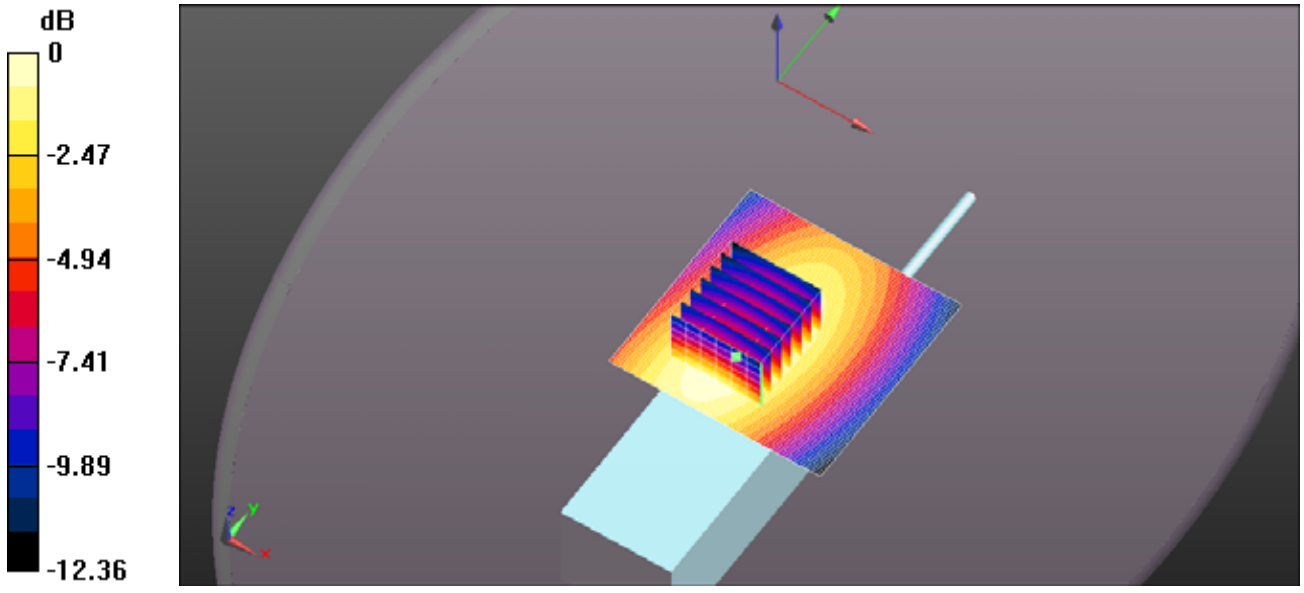
Communication System: UID 0, CW (0); Frequency: 500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 500 MHz; σ = 0.954 S/m; ε_r = 54.596; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 10.0 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 100.9 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 7.7 W/kg; SAR(10 g) = 5.57 W/kg
Maximum value of SAR (measured) = 9.93 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 465MHZ 129MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

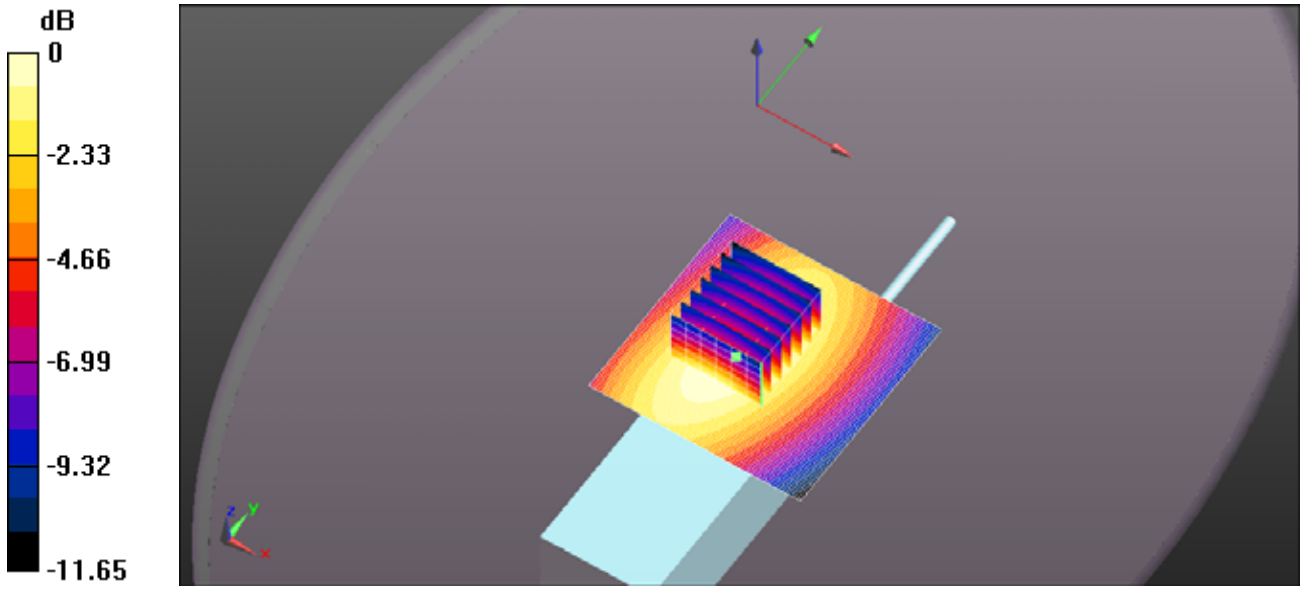
Communication System: UID 0, CW (0); Frequency: 465 MHz; Duty Cycle: 1:1
Medium parameters used: f = 465 MHz; σ = 0.907 S/m; ε_r = 55.528; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.03 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.14 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 5.82 W/kg
SAR(1 g) = 3.93 W/kg; SAR(10 g) = 2.85 W/kg
Maximum value of SAR (measured) = 5.09 W/kg



0 dB = 5.03 W/kg = 7.02 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 512MHZ 125MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

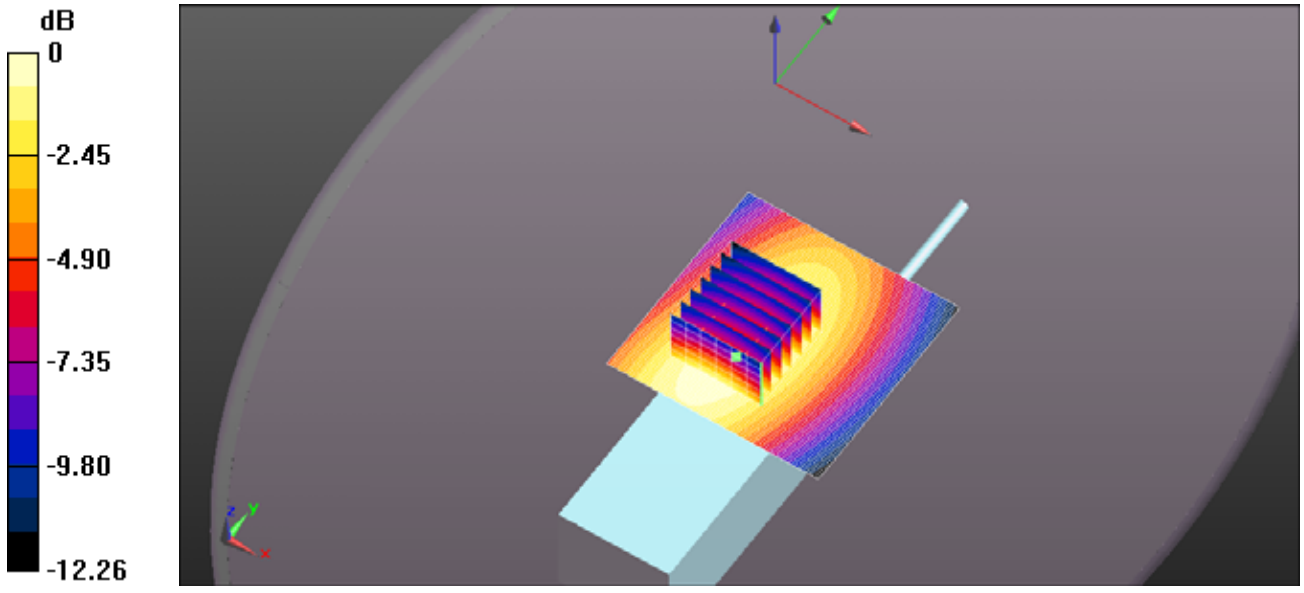
Communication System: UID 0, CW (0); Frequency: 512 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 512 MHz; σ = 0.977 S/m; ε_r = 54.193; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.0 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.5 V/m; Power Drift = -0.56 dB
Peak SAR (extrapolated) = 13.2 W/kg
SAR(1 g) = 9.01 W/kg; SAR(10 g) = 6.53 W/kg
Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 480MHZ 125MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

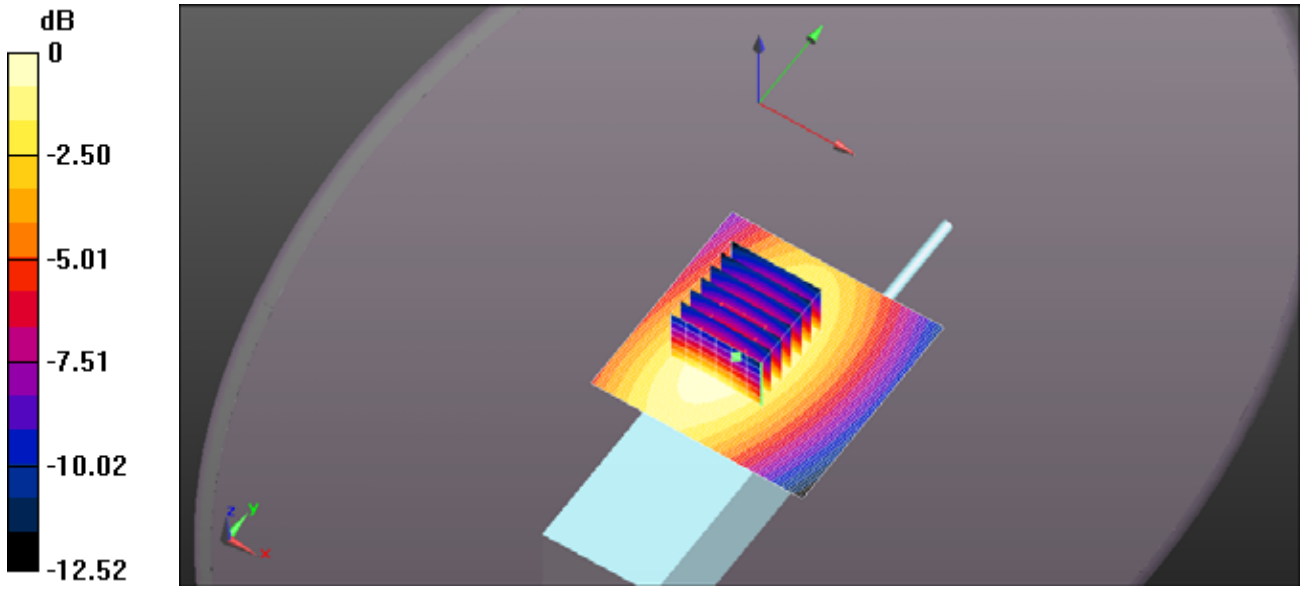
Communication System: UID 0, CW (0); Frequency: 480 MHz; Duty Cycle: 1:1
Medium parameters used: f = 480 MHz; σ = 0.921 S/m; ε_r = 55.315; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.23 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 76.87 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 5.94 W/kg
SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.93 W/kg
Maximum value of SAR (measured) = 5.20 W/kg



0 dB = 5.23 W/kg = 7.18 dBW/kg

FILE NAME: ICOM-493Q BODY FA-SC61UC 450MHZ 125MM BP-279 HM-171GPW.DA52:0

DUT: IC-F2100DT; Type: Portable UHF Transceiver; Serial: 37000208-0

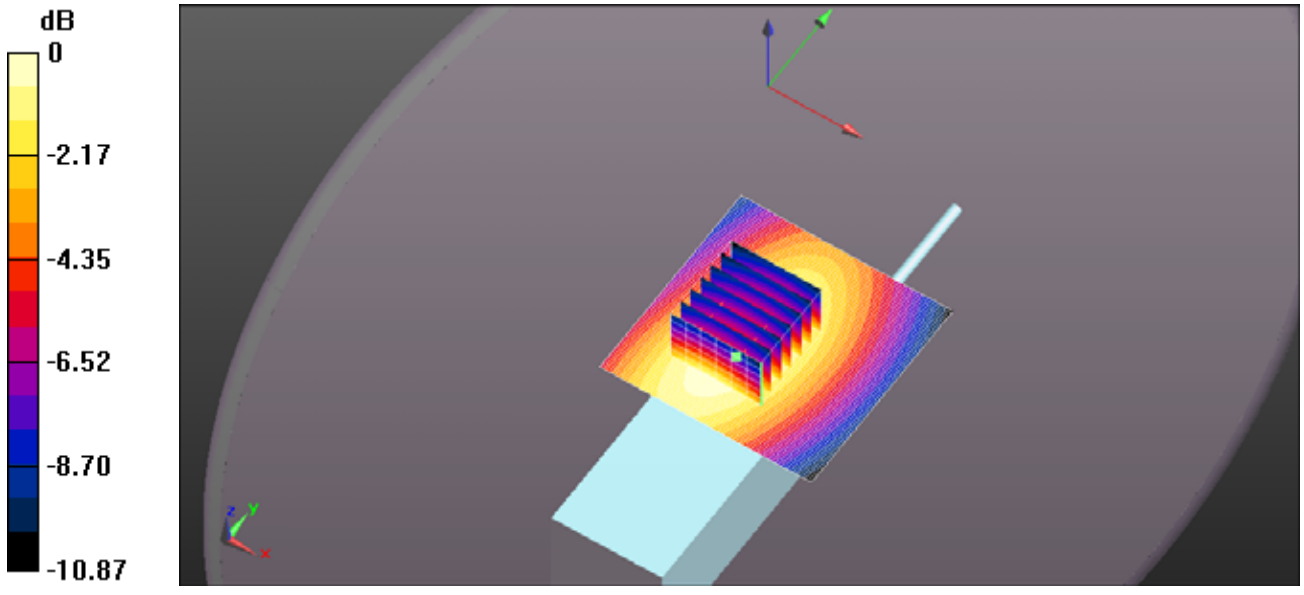
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.904 S/m; ε_r = 55.534; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.31, 10.31, 10.31); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.97 W/kg

Configuration_Body, IC-F2100DT/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.05 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 4.50 W/kg
SAR(1 g) = 3.07 W/kg; SAR(10 g) = 2.23 W/kg
Maximum value of SAR (measured) = 3.94 W/kg



0 dB = 3.97 W/kg = 5.99 dBW/kg