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)	HEAD SAR10g (W/Kg)
BP-278	FA-S57U	36.26	9	450	2.84	2.08
BP-279		36.26	9	450	3.23	2.37
BP-280		36.26	9	450	3.77	2.72

Body Prescan

Battery	Antenna	Power (dBm)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
BP-278	FA-S57U	36.26	9	450	4.25	3.1
BP-279		36.26	9	450	4.31	3.13
BP-280		36.26	9	450	4.15	3.03

w/ MB-133

Microphone	Antenna	Power (dBm)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg) BP-279 1570mAh	BODY SAR10g (W/Kg) BP-280 1570mAh
HM-158LA	FA-S57U	36.26	9	450	4.98	3.58
HS-94		36.26	9	450	4.37	3.18

3000 Bristol Circle, Oakville, Ontario, Canada L6H 6G4
Tel. #: 905-829-1570, Fax. #: 905-829-8050, Email: vic@ultratech-labs.com, Website: http://www.ultratech-labs.com

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q HEAD FA-SC57U 450MHZ BP-278.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.853 S/m; ε_r = 44.031; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

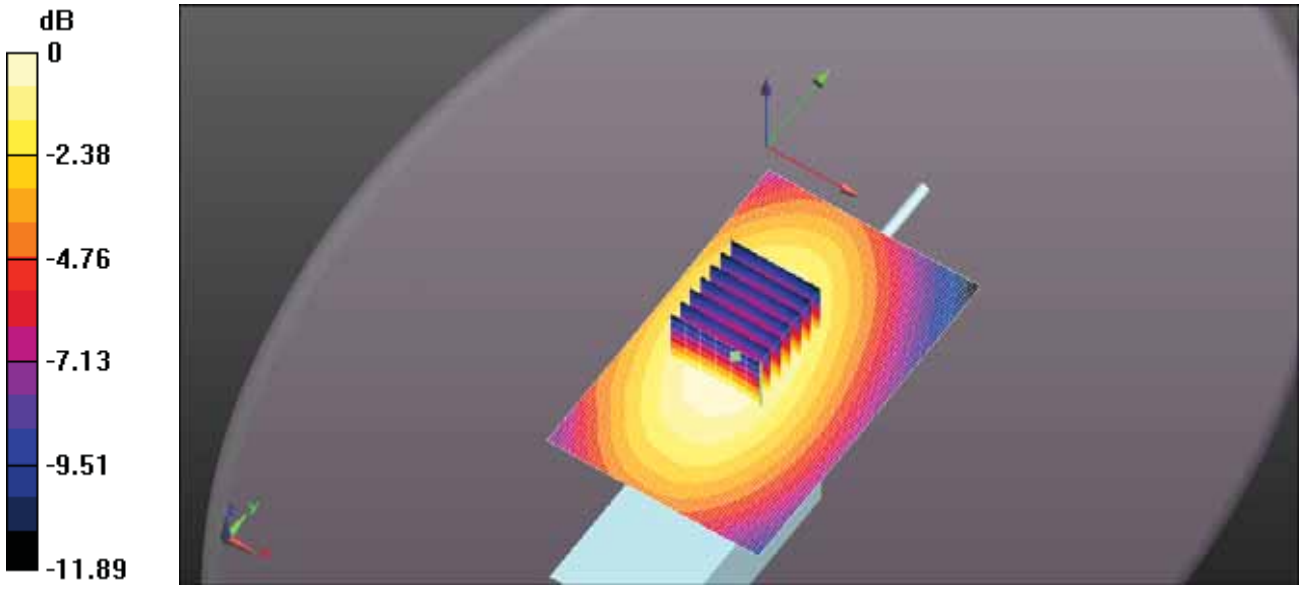
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.86 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.93 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.72 W/kg
SAR(1 g) = 2.84 W/kg; SAR(10 g) = 2.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.77 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q HEAD FA-SC57U 450MHZ BP-279.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.853 S/m; ε_r = 44.031; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

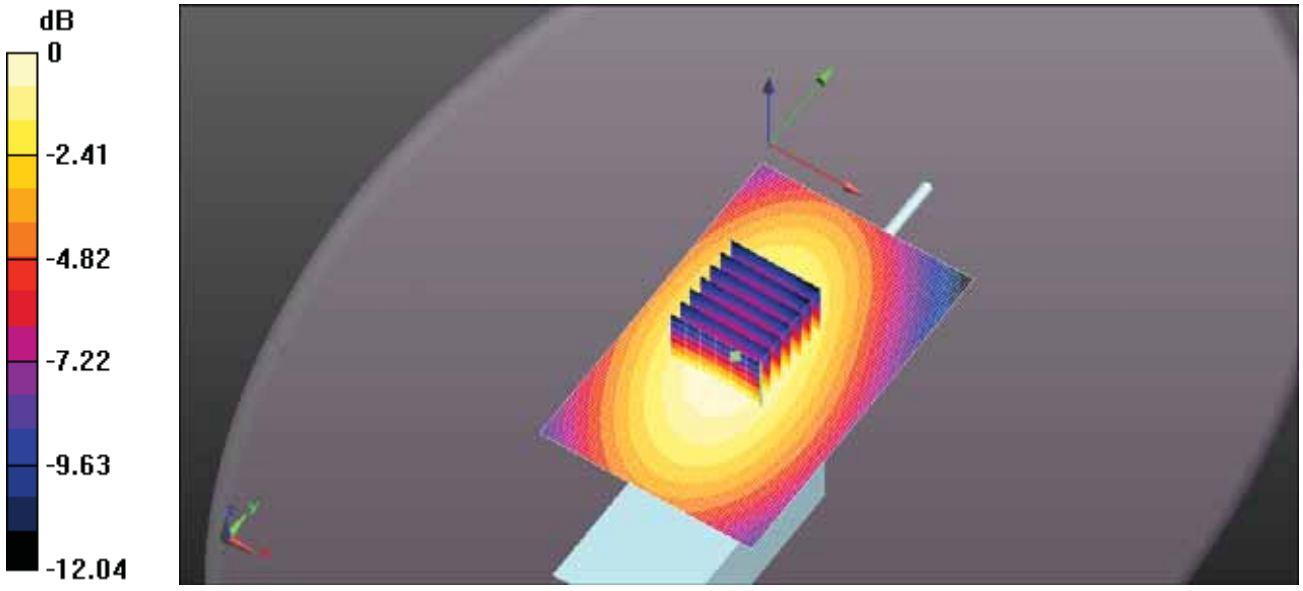
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.21 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.32 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 4.22 W/kg
SAR(1 g) = 3.23 W/kg; SAR(10 g) = 2.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.15 W/kg



0 dB = 3.21 W/kg = 5.06 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q HEAD FA-SC57U 450MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.853 S/m; ε_r = 44.031; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

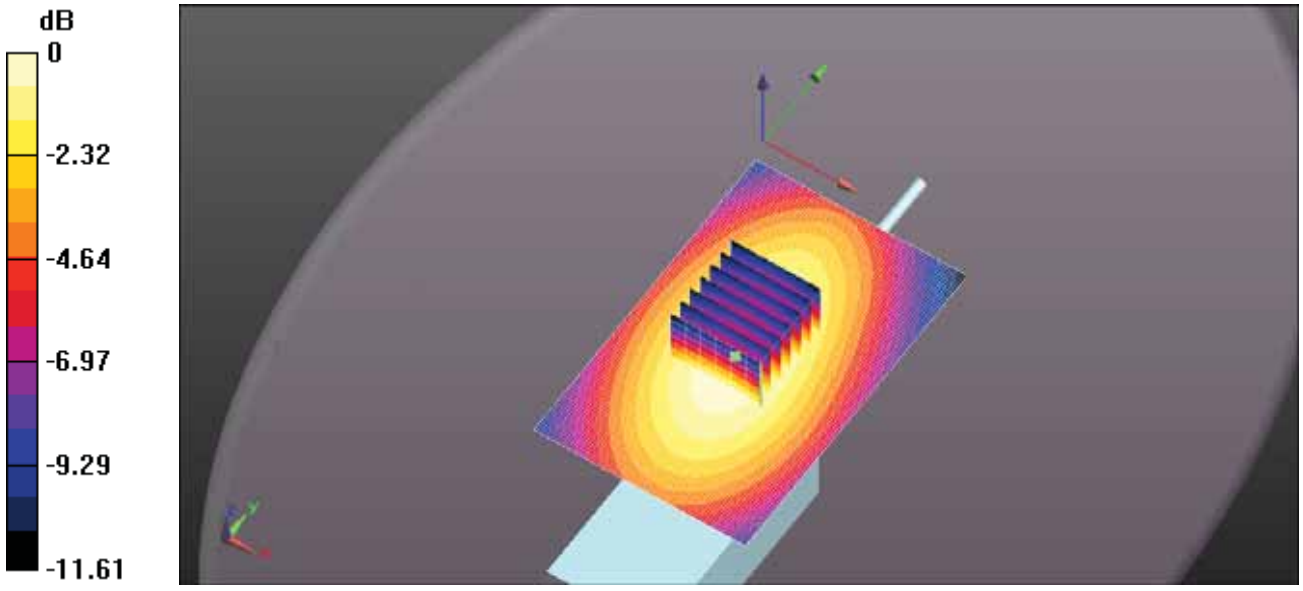
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.88 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.13 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 5.01 W/kg
SAR(1 g) = 3.77 W/kg; SAR(10 g) = 2.72 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.68 W/kg



0 dB = 3.88 W/kg = 5.89 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BODY FA-SC57U 450MHZ BP-278.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

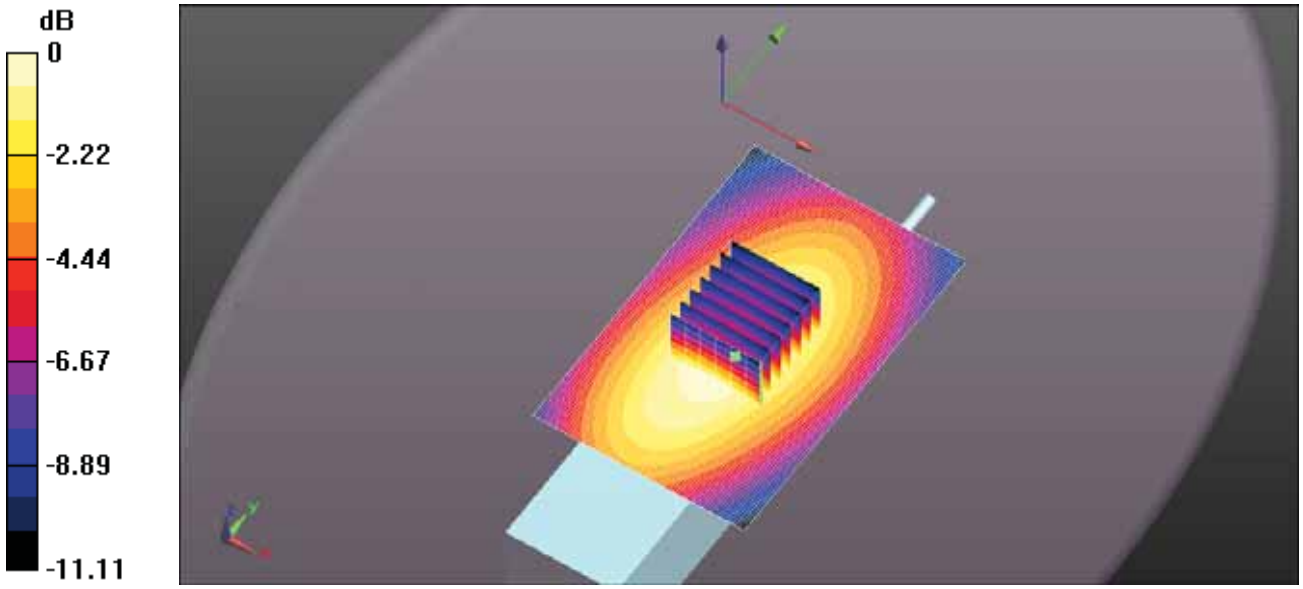
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.82 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.20 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 6.08 W/kg
SAR(1 g) = 4.25 W/kg; SAR(10 g) = 3.1 W/kg
Maximum value of SAR (measured) = 4.78 W/kg



0 dB = 4.82 W/kg = 6.83 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BODY FA-SC57U 450MHZ BP-279.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

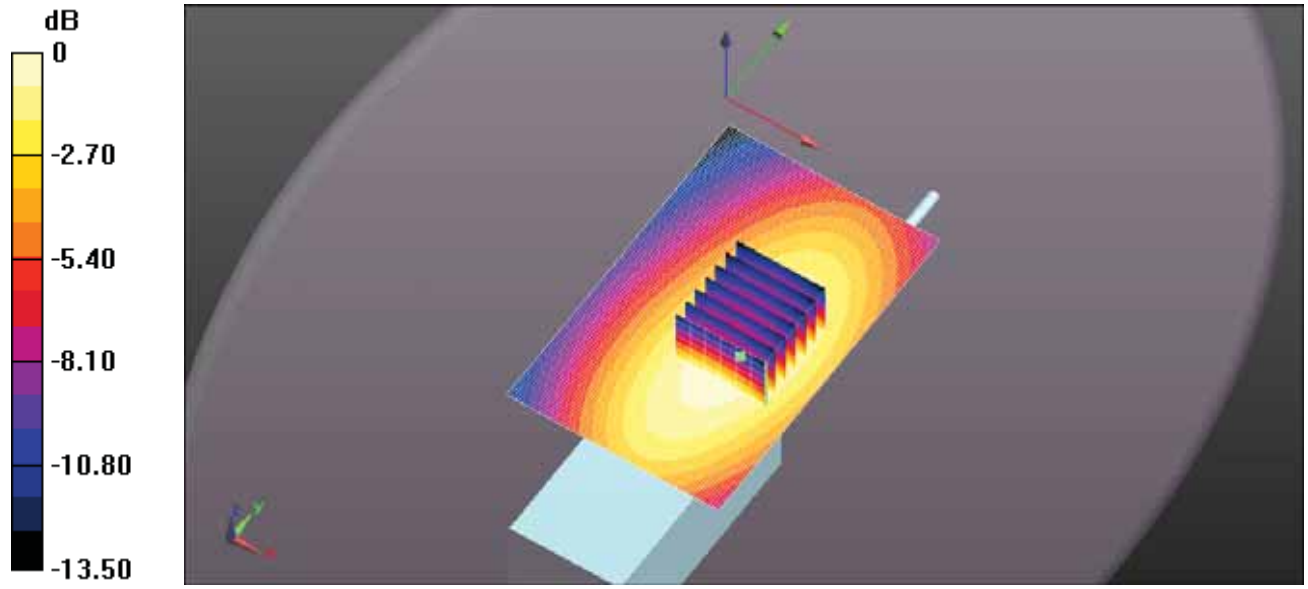
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.88 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 67.17 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 6.21 W/kg
SAR(1 g) = 4.31 W/kg; SAR(10 g) = 3.13 W/kg
Maximum value of SAR (measured) = 4.86 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BODY FA-SC57U 450MHZ BP-280.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

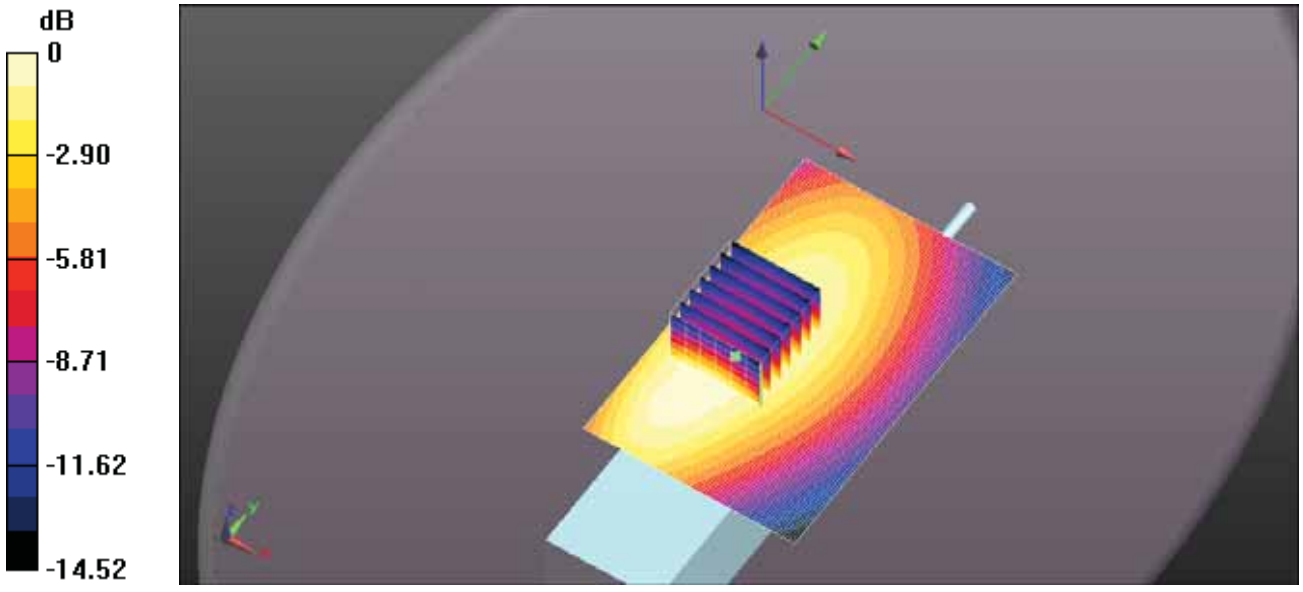
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.43 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.39 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 5.91 W/kg
SAR(1 g) = 4.15 W/kg; SAR(10 g) = 3.03 W/kg
Maximum value of SAR (measured) = 4.66 W/kg



0 dB = 4.43 W/kg = 6.46 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BODY FA-SC57U 450MHZ BP-279 HM-158LA.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

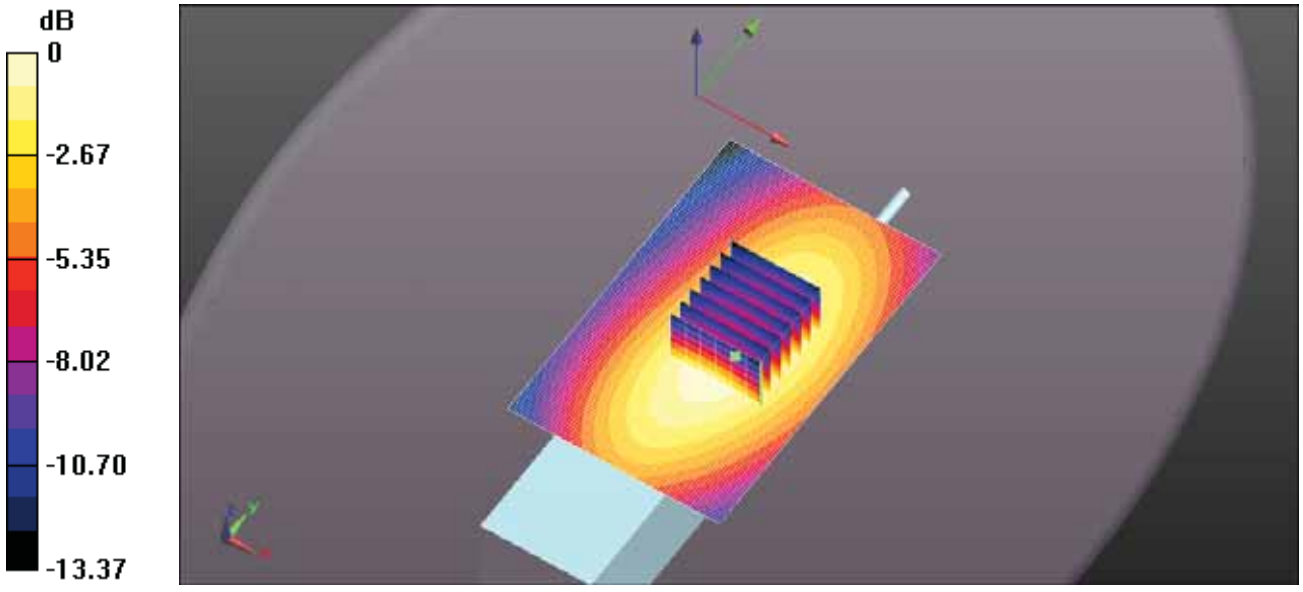
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.64 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.41 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 7.20 W/kg
SAR(1 g) = 4.98 W/kg; SAR(10 g) = 3.58 W/kg
Maximum value of SAR (measured) = 5.62 W/kg



0 dB = 5.64 W/kg = 7.52 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BODY FA-SC57U 450MHZ BP-279 HS-94.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

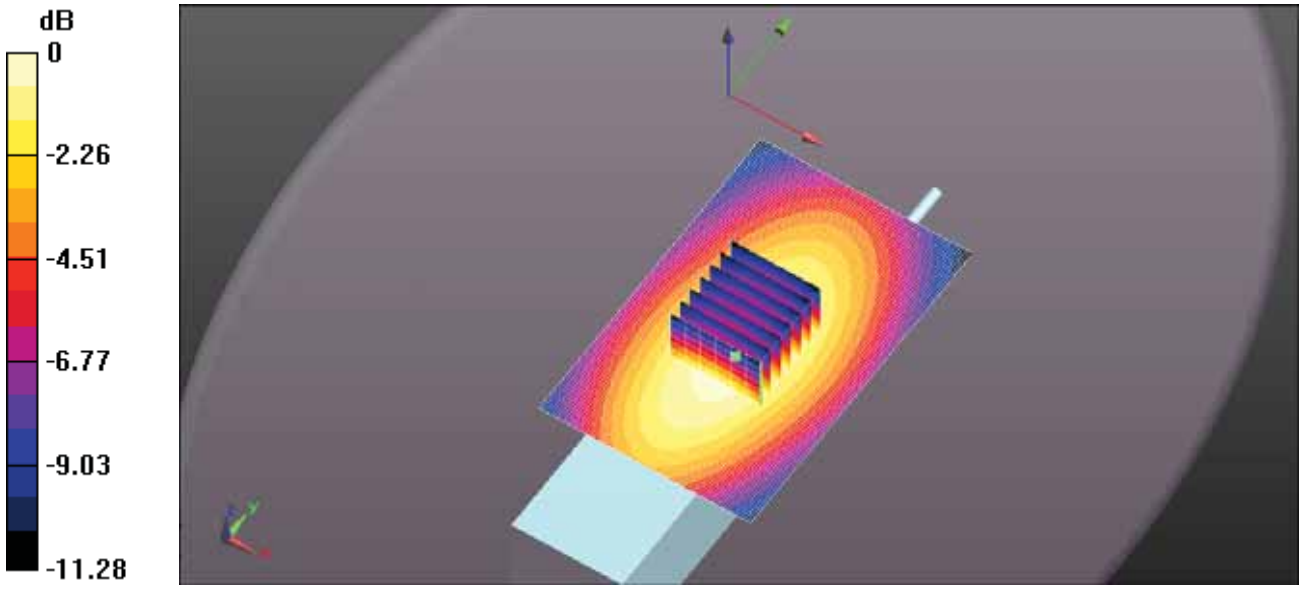
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.96 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.61 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 6.28 W/kg
SAR(1 g) = 4.37 W/kg; SAR(10 g) = 3.18 W/kg
Maximum value of SAR (measured) = 4.93 W/kg



0 dB = 4.96 W/kg = 6.95 dBW/kg

EXHIBIT 2. **HEAD SAR MEASUREMENTS**

Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-280	BP-280
			(MHz)	2400mAh	2400mAh
FA-SC25U 400-430 MHz	4.07	1	400	3.34	2.45
	4.12	3	415	4.47	3.27
	4.12	6	430	5.02	3.66
FA-SC57U 440-470 MHz	4.18	8	440	2.66	1.96
	4.21	10	455	3.10	2.28
	4.12	12	470	3.43	2.49
FA-SC26US 400-450 MHz	4.07	1	400	0.87	0.63
	4.09	2	412.5	1.93	1.39
	4.11	5	425	3.40	2.48
	4.18	7	437.5	3.04	2.21
	4.23	9	450	1.56	1.12
FA-SC73US 450-470 MHz	4.23	9	450	1.78	1.29
	4.19	11	460	2.49	1.80
	4.12	12	470	3.03	2.20

Cut Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-280	BP-280
			(MHz)	2400mAh	2400mAh
FA-SC61UC 400MHz 165mm	4.07	1	400	4.03	2.95
	4.10	4	420	4.93	3.61
	4.12	8	440	3.85	2.81
	4.18	11	460	2.72	1.98
	4.19	12	470	2.86	2.07
FA-SC61UC 420MHz 156mm	4.07	1	400	4.38	3.21
	4.10	4	420	5.03	3.68
	4.12	8	440	3.66	2.67
	4.18	11	460	2.76	2.01
	4.19	12	470	2.59	1.88
FA-SC61UC 440MHz 148mm	4.07	1	400	2.02	1.47
	4.10	4	420	3.25	2.37
	4.12	8	440	4.30	3.13
	4.18	11	460	4.36	3.17
	4.19	12	470	4.68	3.40
FA-SC61UC 460MHz 142mm	4.07	1	400	1.67	1.22
	4.10	4	420	2.56	1.87
	4.12	8	440	3.55	2.58
	4.18	11	460	3.76	2.73
	4.19	12	470	4.03	2.93

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC25U 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.822 S/m; ε_r = 45.351; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

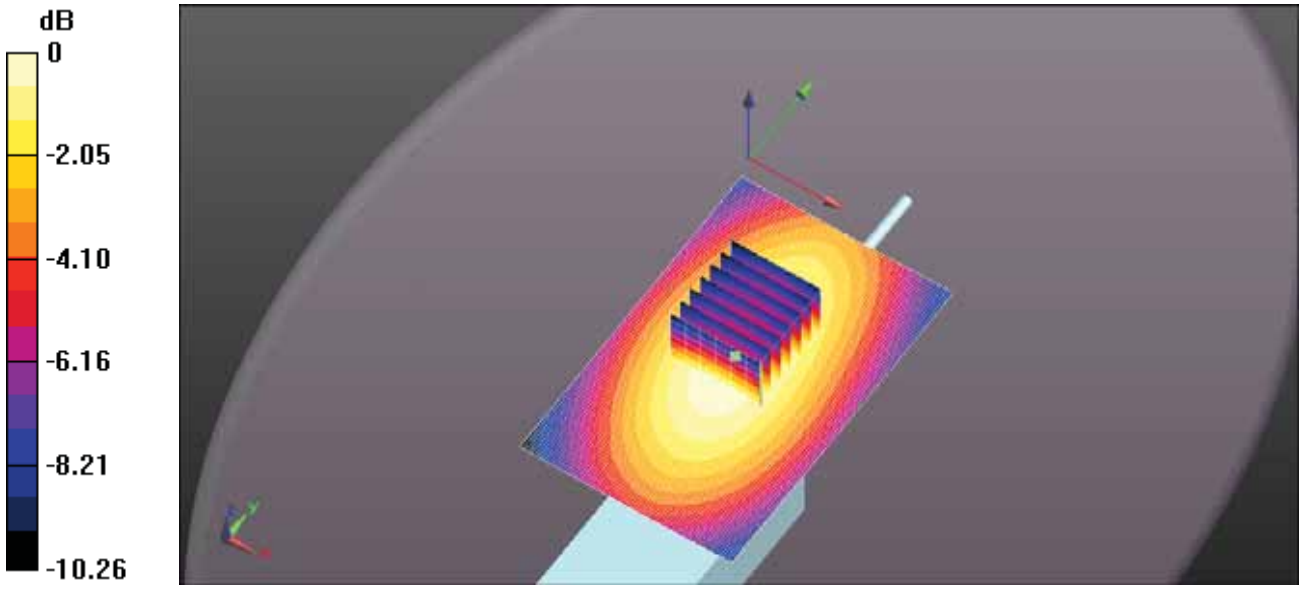
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.28 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.56 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 4.22 W/kg
SAR(1 g) = 3.34 W/kg; SAR(10 g) = 2.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.15 W/kg



0 dB = 3.28 W/kg = 5.16 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC25U 415MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 415 MHz; Duty Cycle: 1:1
Medium parameters used: f = 415 MHz; σ = 0.827 S/m; ε_r = 45.038; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

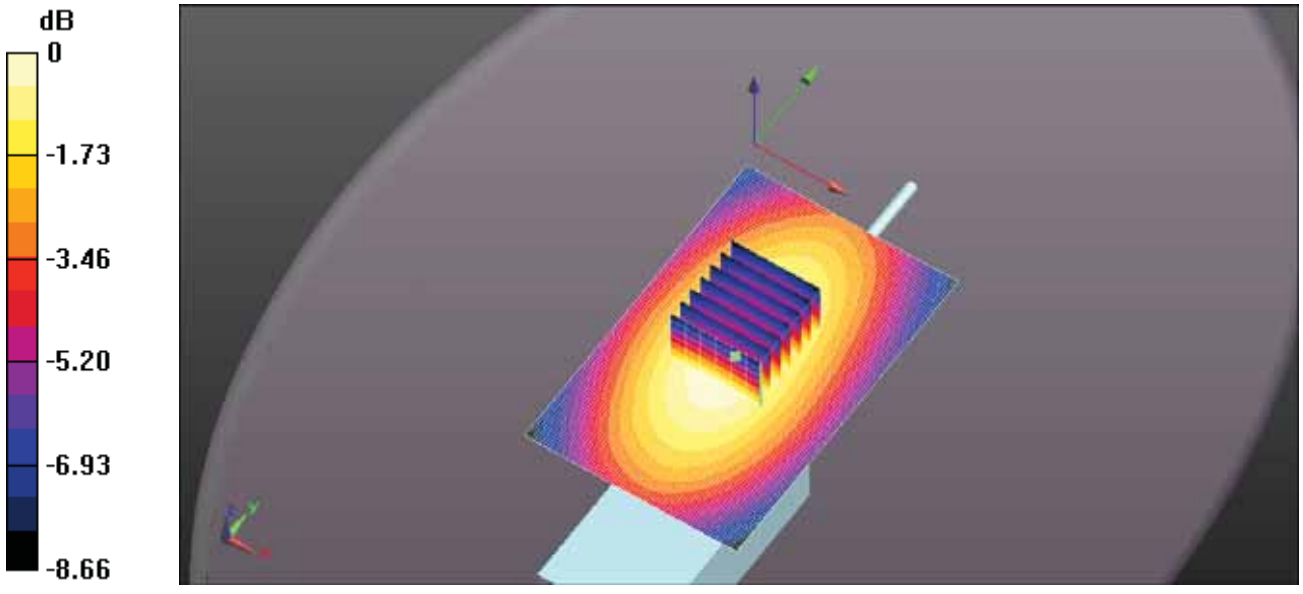
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.99 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.15 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 5.97 W/kg
SAR(1 g) = 4.47 W/kg; SAR(10 g) = 3.27 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.80 W/kg



0 dB = 4.99 W/kg = 6.98 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC25U 430MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 430 MHz; Duty Cycle: 1:1
Medium parameters used: f = 430 MHz; σ = 0.832 S/m; ε_r = 44.544; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

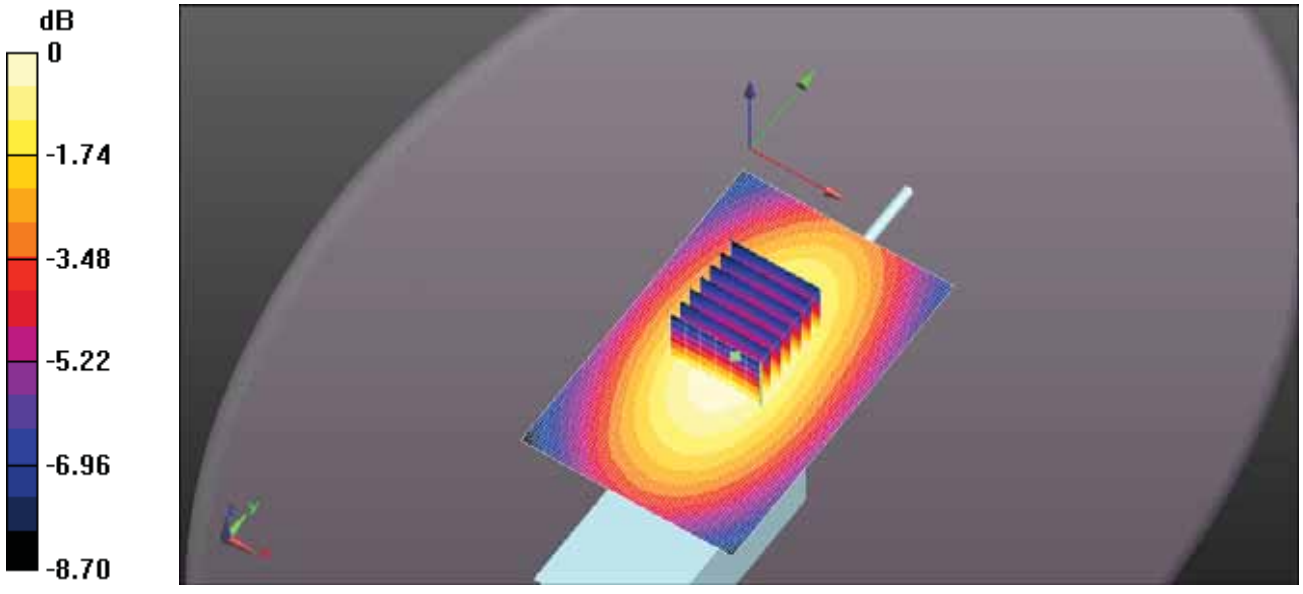
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.55 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.63 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.78 W/kg
SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.66 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.43 W/kg



0 dB = 5.55 W/kg = 7.44 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC57U 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used: f = 440 MHz; σ = 0.841 S/m; ε_r = 44.266; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

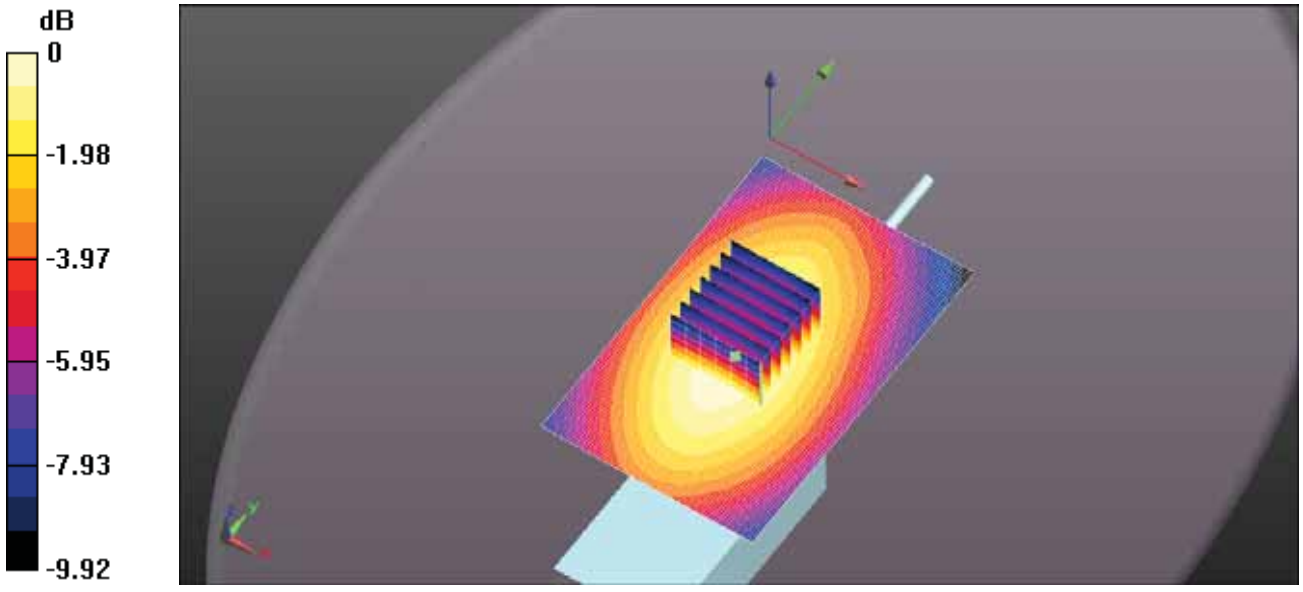
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.76 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.30 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 3.43 W/kg
SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.96 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.55 W/kg



0 dB = 2.76 W/kg = 4.40 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC57U 455MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 455 MHz; Duty Cycle: 1:1
Medium parameters used: f = 455 MHz; σ = 0.863 S/m; ε_r = 43.944; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

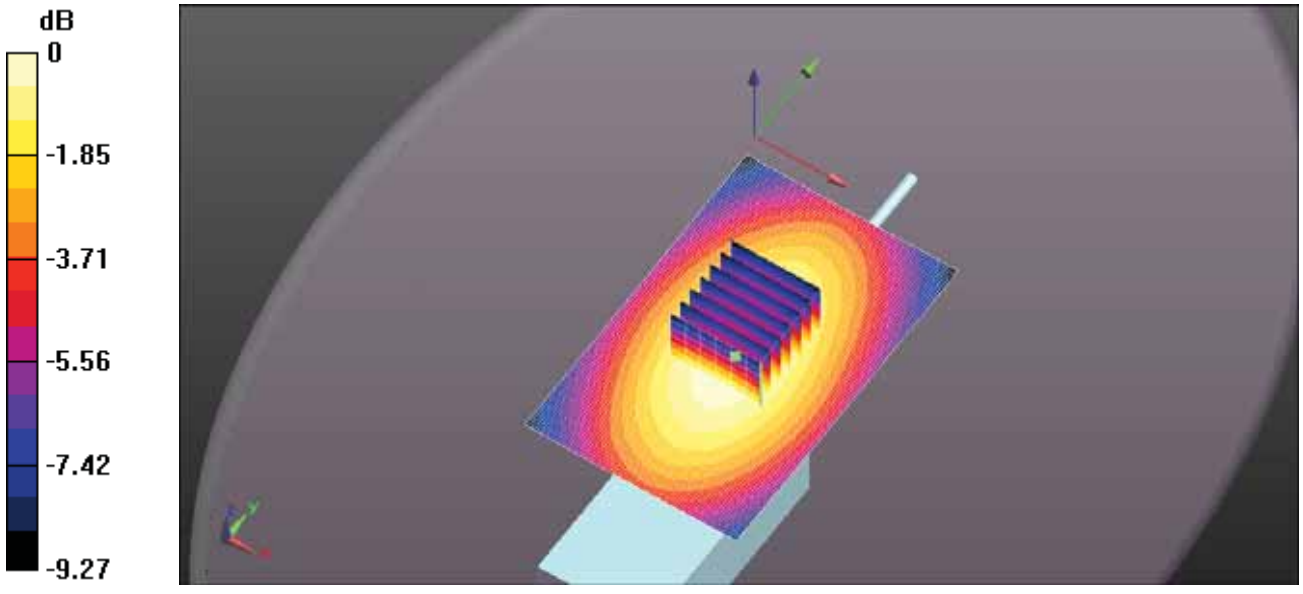
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.06 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.26 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 4.07 W/kg
SAR(1 g) = 3.1 W/kg; SAR(10 g) = 2.28 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.06 W/kg



0 dB = 3.06 W/kg = 4.85 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC57U 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.883 S/m; ε_r = 43.668; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

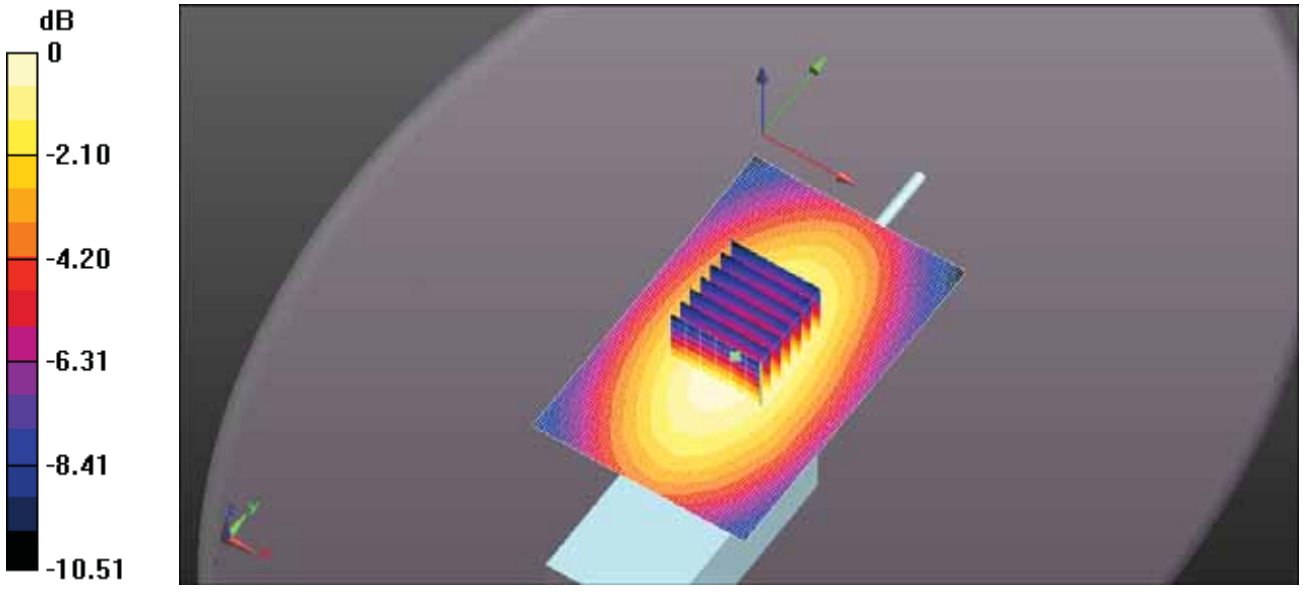
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.21 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.06 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 4.90 W/kg
SAR(1 g) = 3.43 W/kg; SAR(10 g) = 2.49 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.86 W/kg



0 dB = 4.21 W/kg = 6.25 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC26US 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.822 S/m; ε_r = 45.351; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

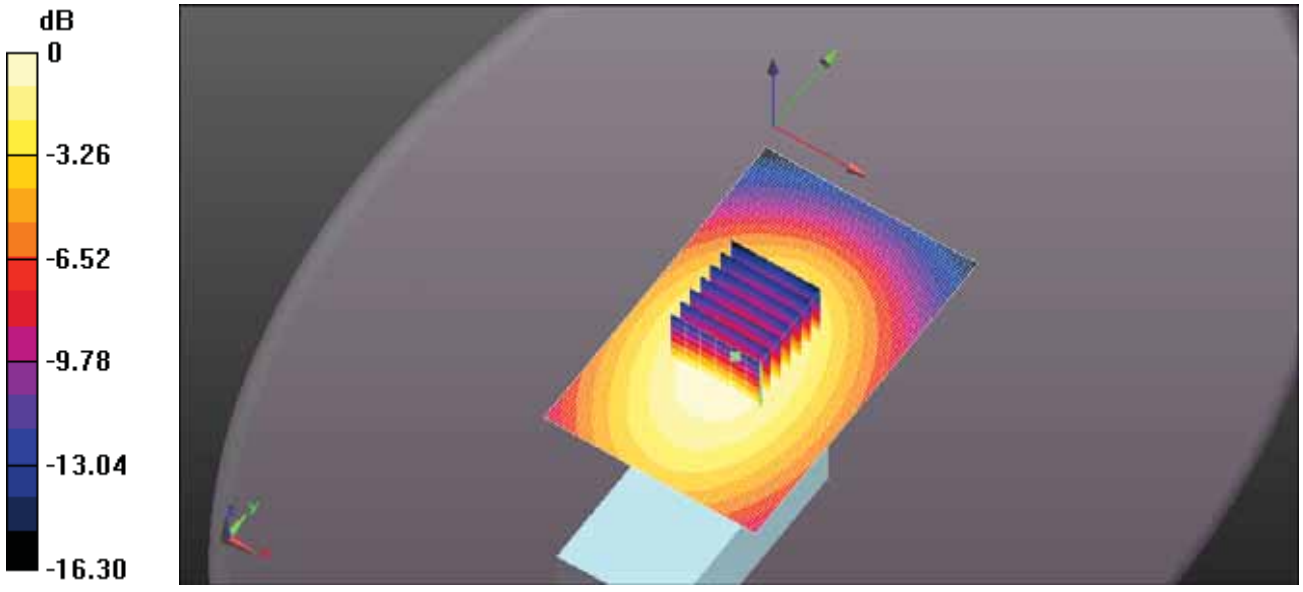
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.950 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.07 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.632 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.936 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC26US 412.5MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 412.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 412.5 MHz; σ = 0.826 S/m; ε_r = 45.082; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

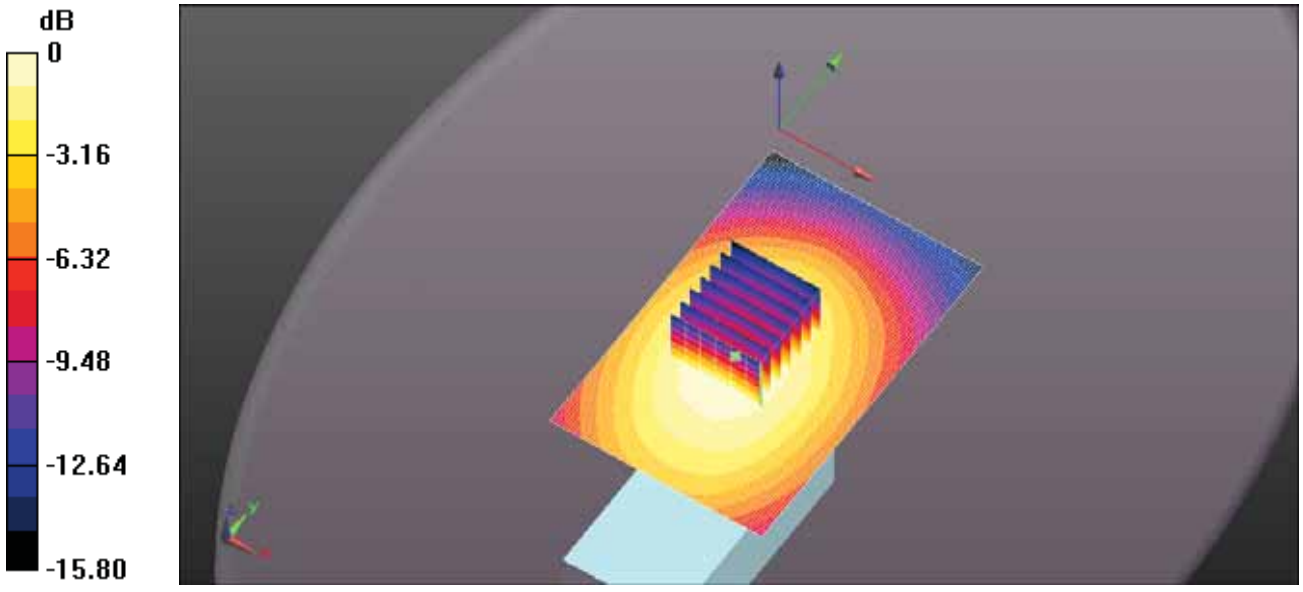
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

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

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 32.07 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 2.60 W/kg
SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 1.94 W/kg = 2.87 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC26US 425MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 425 MHz; Duty Cycle: 1:1
Medium parameters used: f = 425 MHz; σ = 0.83 S/m; ε_r = 44.73; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

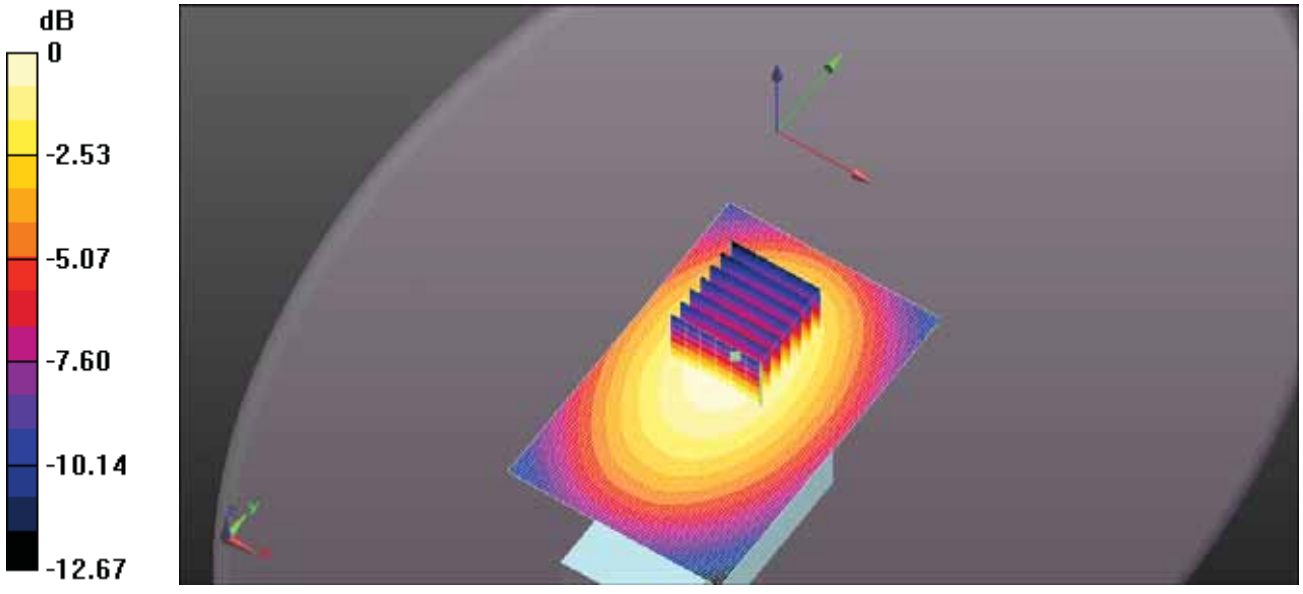
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.35 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.59 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 4.55 W/kg
SAR(1 g) = 3.4 W/kg; SAR(10 g) = 2.48 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.64 W/kg



0 dB = 4.35 W/kg = 6.38 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC26US 437.5MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 437.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 437.5 MHz; σ = 0.839 S/m; ε_r = 44.33; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

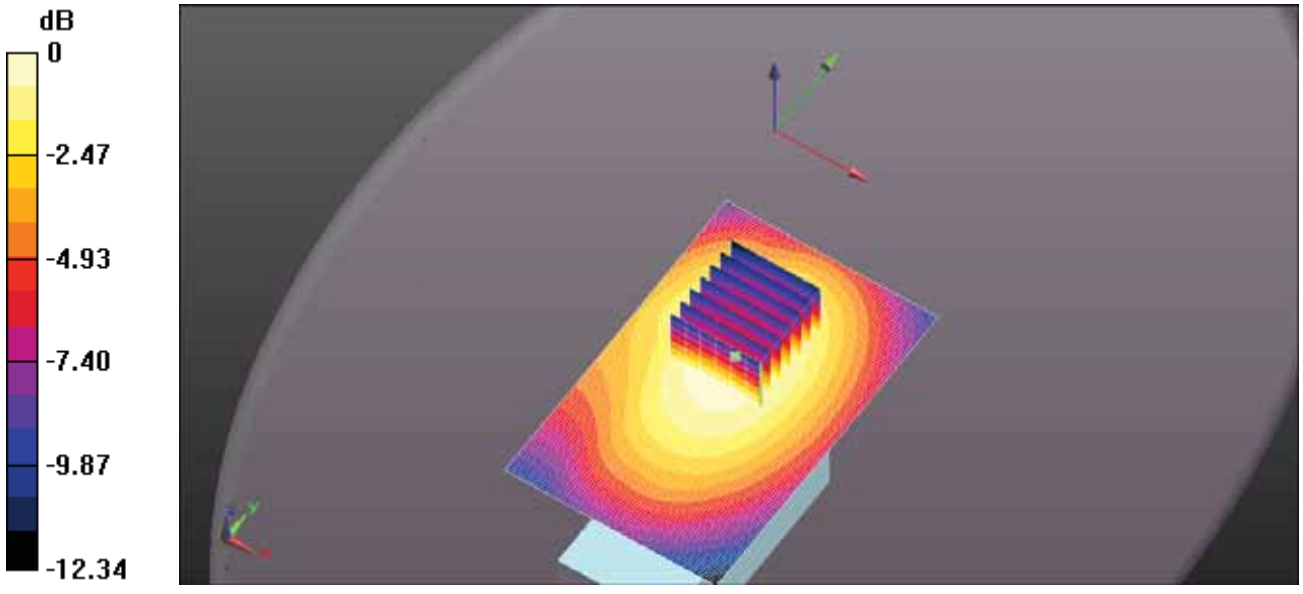
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.42 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.78 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 3.04 W/kg; SAR(10 g) = 2.21 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.31 W/kg



0 dB = 3.42 W/kg = 5.34 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC26US 450MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.853 S/m; ε_r = 44.031; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

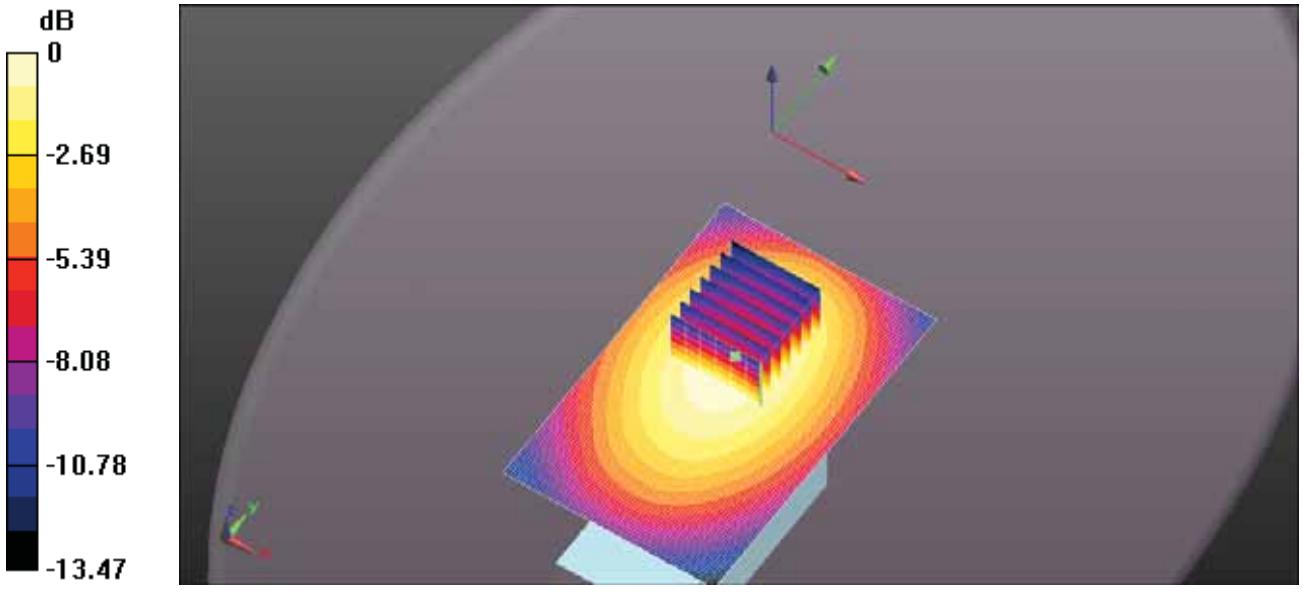
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.26 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.37 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.56 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 2.26 W/kg = 3.55 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC73US 450MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.853 S/m; ε_r = 44.031; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

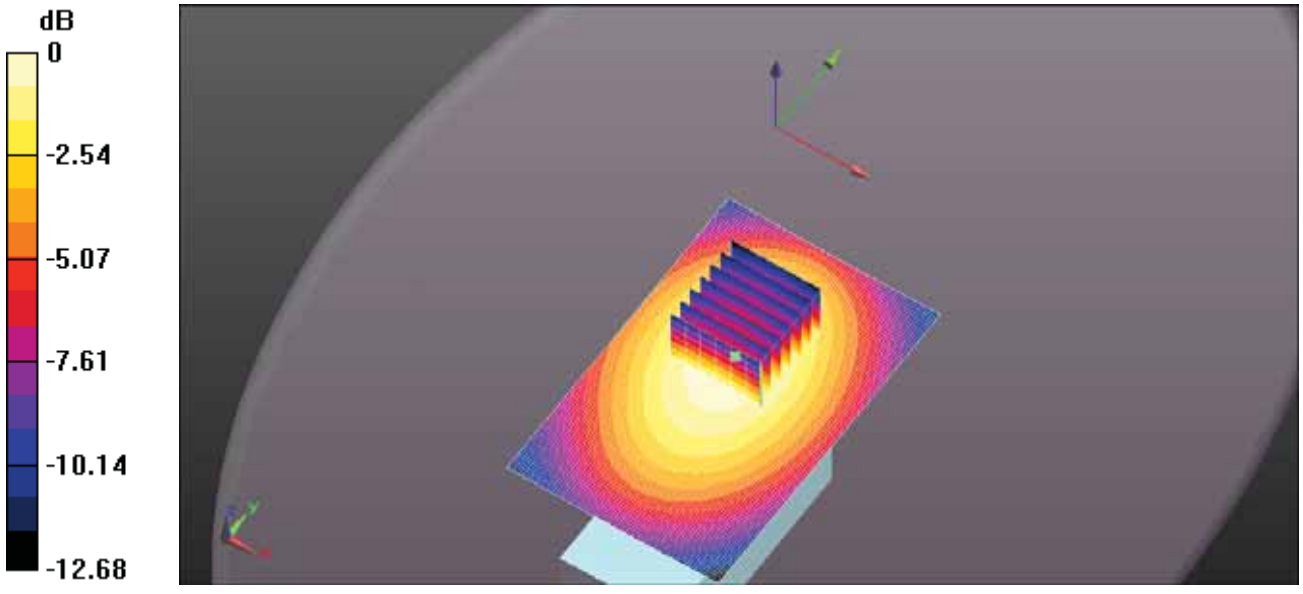
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.04 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.71 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.48 W/kg
SAR(1 g) = 1.78 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 2.04 W/kg = 3.09 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC73US 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used: f = 460 MHz; σ = 0.87 S/m; ε_r = 43.823; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

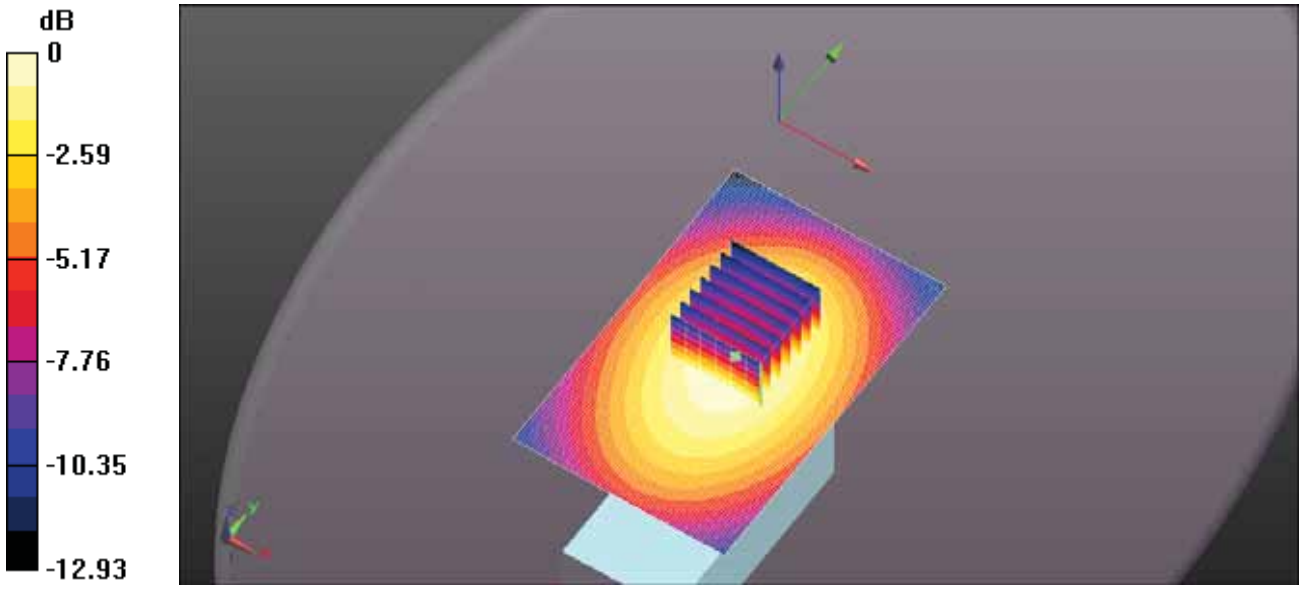
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.85 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.13 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.8 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.79 W/kg



0 dB = 2.85 W/kg = 4.55 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC73US 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.883 S/m; ε_r = 43.668; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

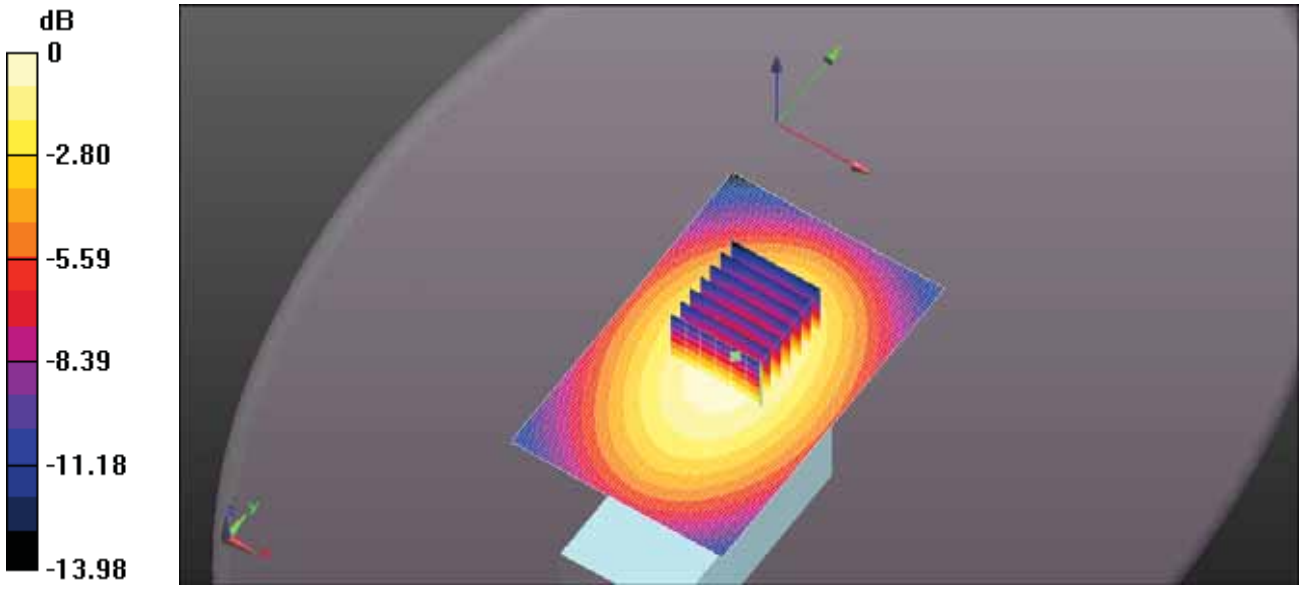
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.56 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.69 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 4.33 W/kg
SAR(1 g) = 3.03 W/kg; SAR(10 g) = 2.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.44 W/kg



0 dB = 3.56 W/kg = 5.52 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 165MM 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.822 S/m; ε_r = 45.351; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

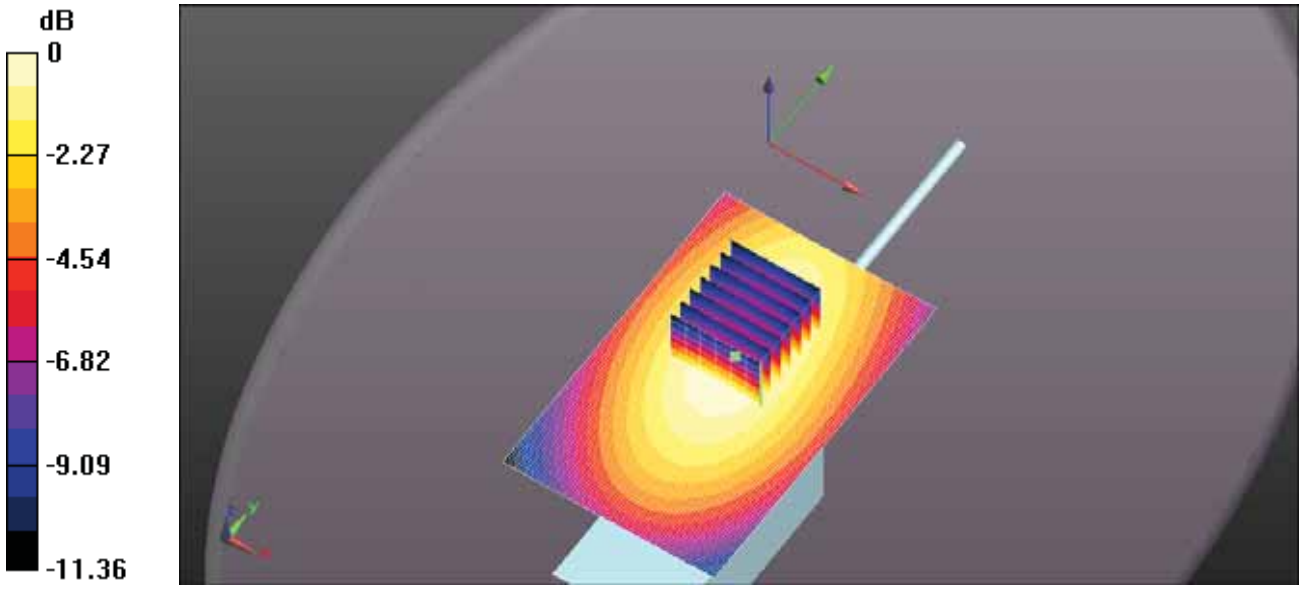
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x111x1):

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

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.80 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.34 W/kg
SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.95 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.29 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 165MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used: f = 420 MHz; σ = 0.829 S/m; ε_r = 44.851; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

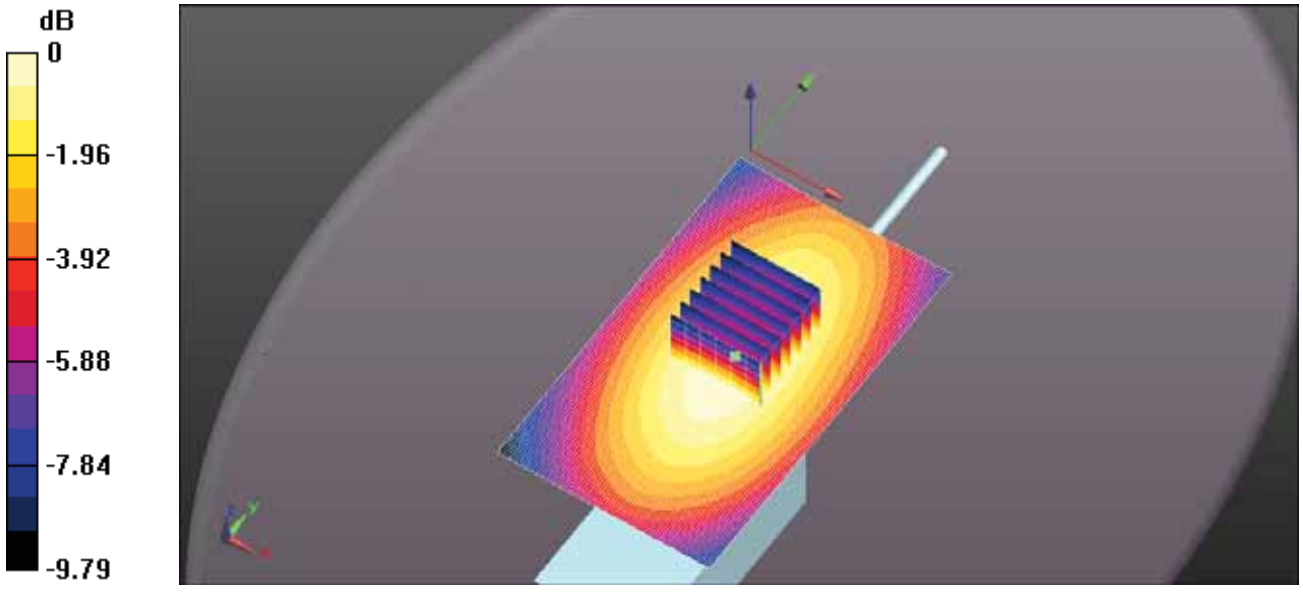
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (71x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.57 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.32 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 6.59 W/kg
SAR(1 g) = 4.93 W/kg; SAR(10 g) = 3.61 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.27 W/kg



0 dB = 5.57 W/kg = 7.46 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 165MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used: f = 420 MHz; σ = 0.829 S/m; ε_r = 44.851; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

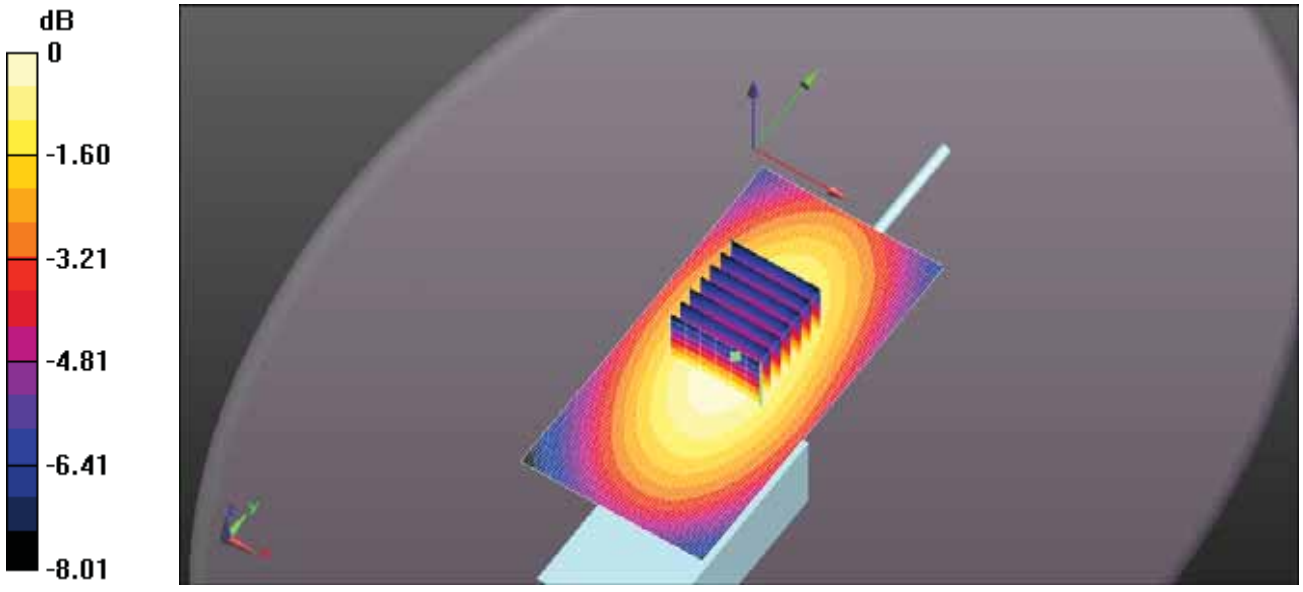
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.30 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.19 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.16 W/kg
SAR(1 g) = 3.82 W/kg; SAR(10 g) = 2.78 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.13 W/kg



0 dB = 4.30 W/kg = 6.34 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 165MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used: f = 460 MHz; σ = 0.87 S/m; ε_r = 43.823; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

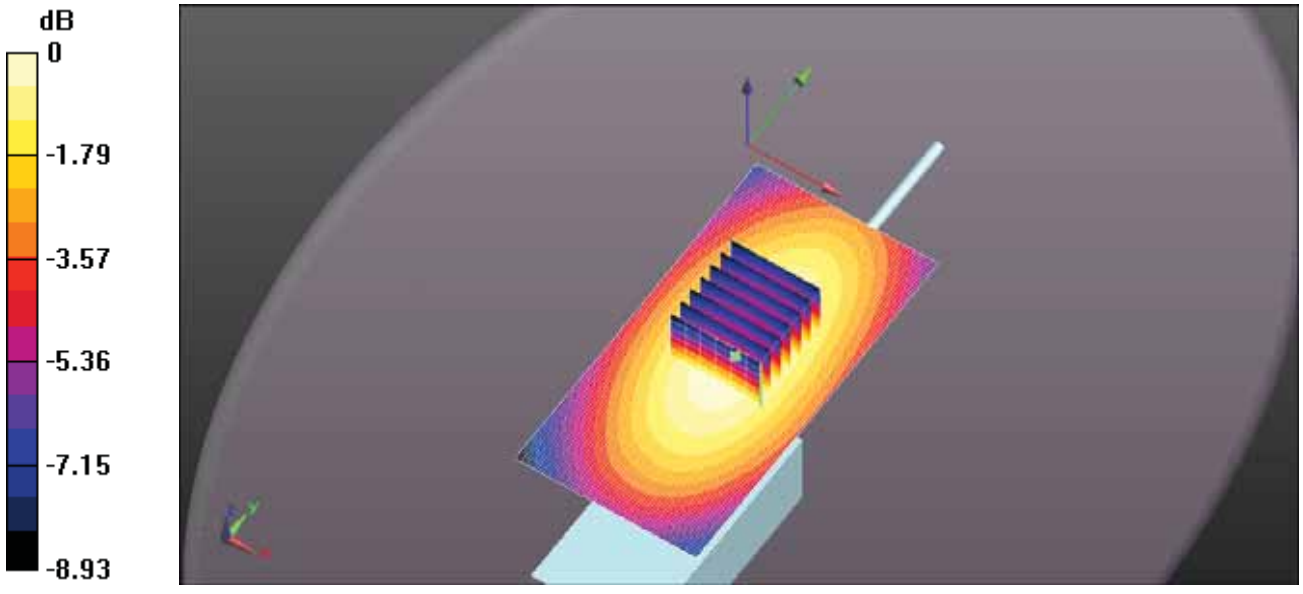
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.12 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.23 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.84 W/kg
SAR(1 g) = 2.72 W/kg; SAR(10 g) = 1.98 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.12 W/kg = 4.95 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 165MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.883 S/m; ε_r = 43.668; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

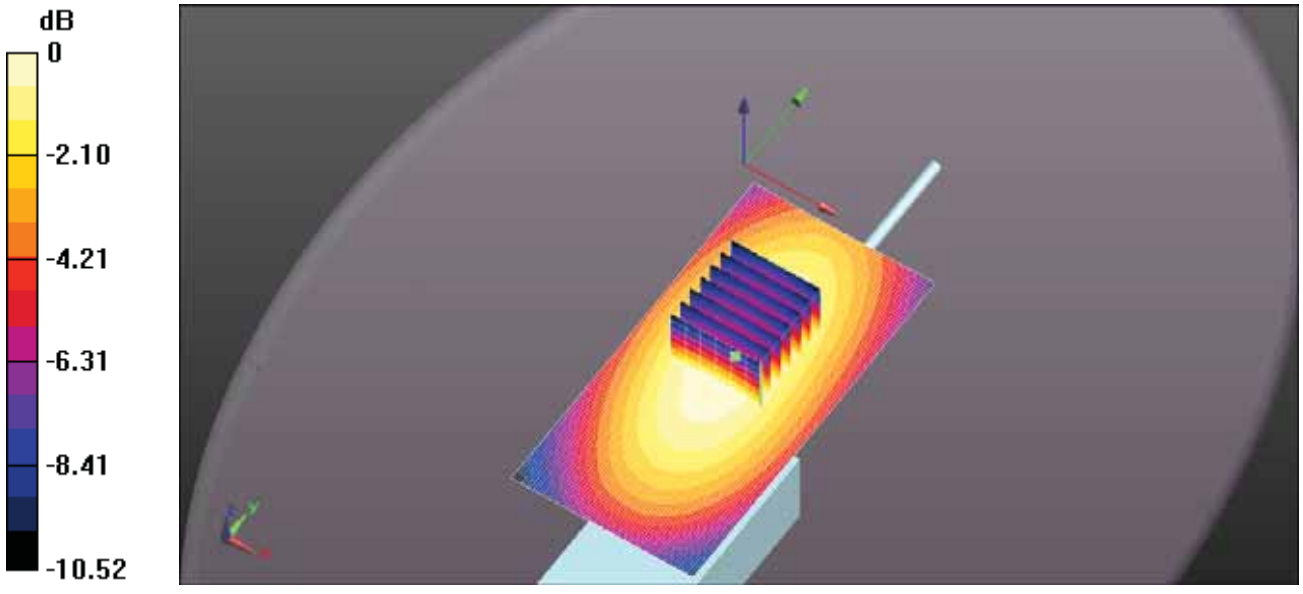
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.31 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.23 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.10 W/kg
SAR(1 g) = 2.86 W/kg; SAR(10 g) = 2.07 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.26 W/kg



0 dB = 3.31 W/kg = 5.20 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 156MM 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.822 S/m; ε_r = 45.351; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

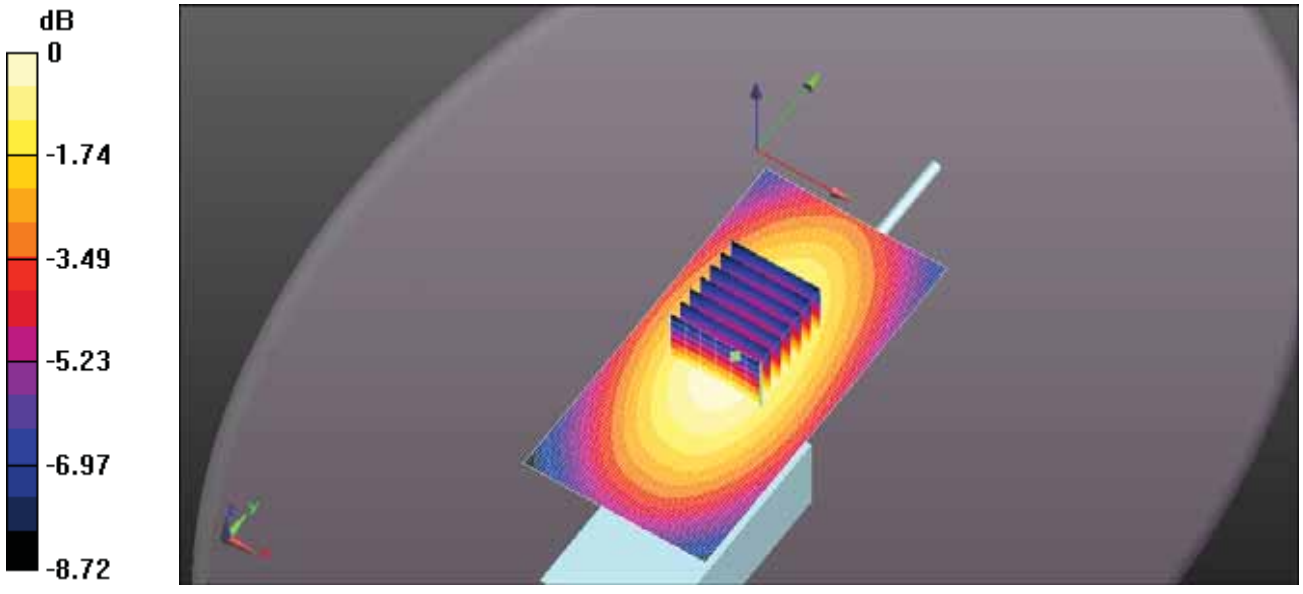
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.97 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.75 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 5.83 W/kg
SAR(1 g) = 4.38 W/kg; SAR(10 g) = 3.21 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.67 W/kg



0 dB = 4.97 W/kg = 6.97 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 156MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used: f = 420 MHz; σ = 0.829 S/m; ε_r = 44.851; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

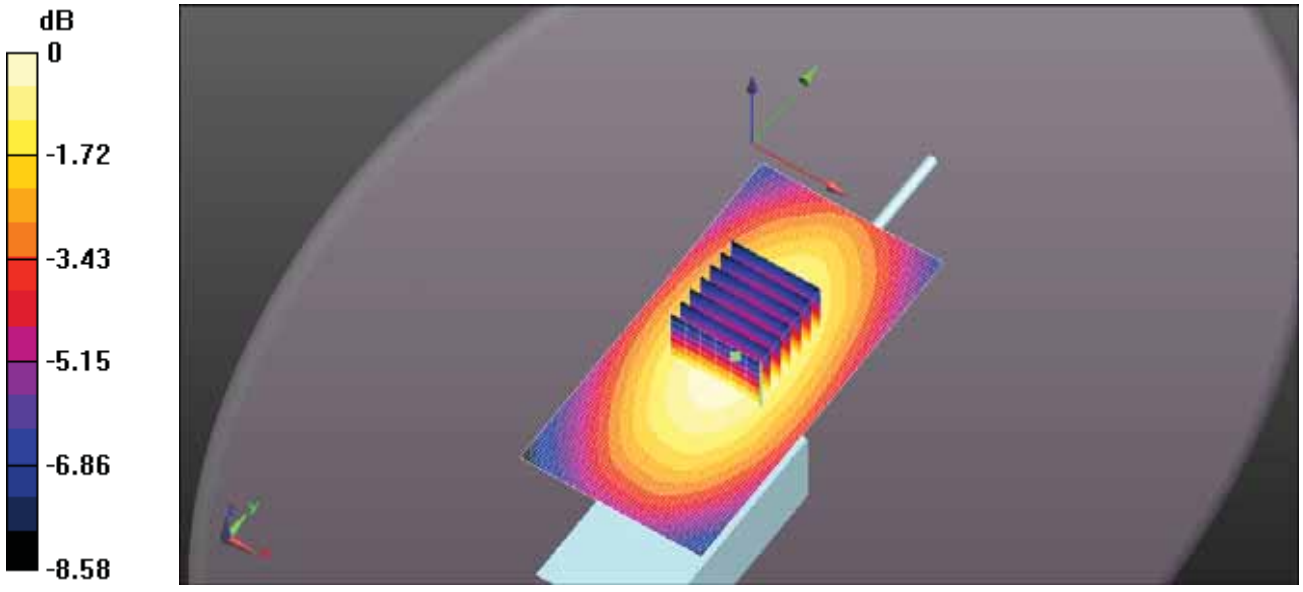
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.95 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.79 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.76 W/kg
SAR(1 g) = 5.03 W/kg; SAR(10 g) = 3.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.40 W/kg



0 dB = 5.95 W/kg = 7.74 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 156MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used: f = 440 MHz; σ = 0.841 S/m; ε_r = 44.266; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

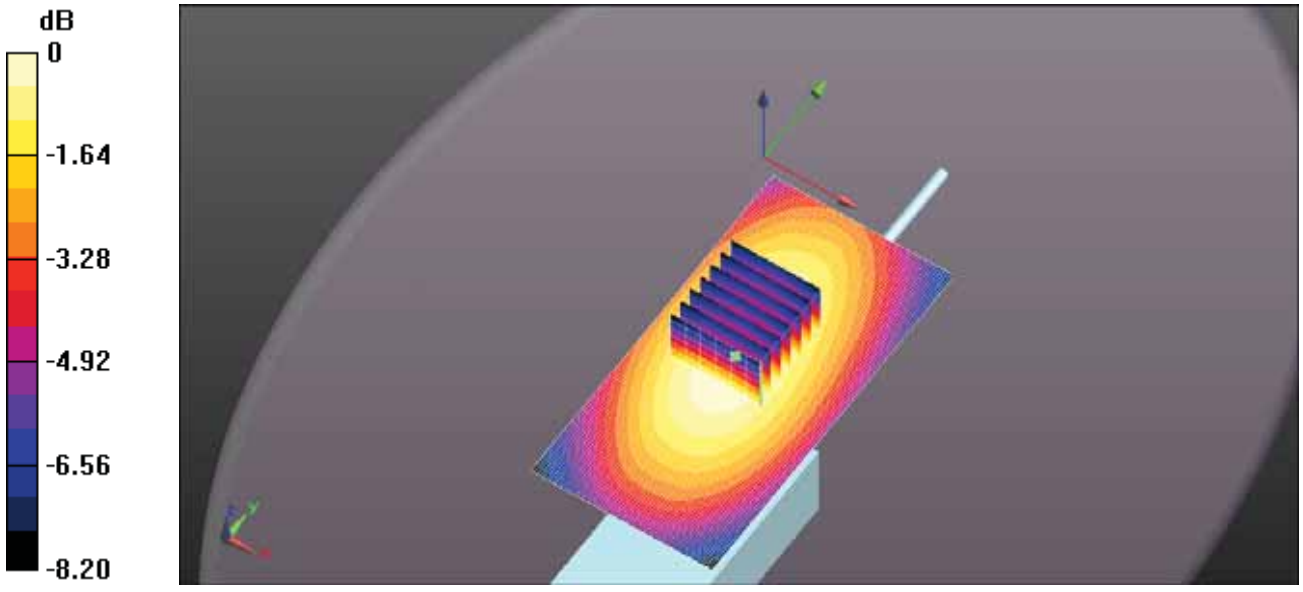
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.27 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.47 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 4.98 W/kg
SAR(1 g) = 3.66 W/kg; SAR(10 g) = 2.67 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.98 W/kg



0 dB = 4.27 W/kg = 6.31 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 156MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used: f = 460 MHz; σ = 0.87 S/m; ε_r = 43.823; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

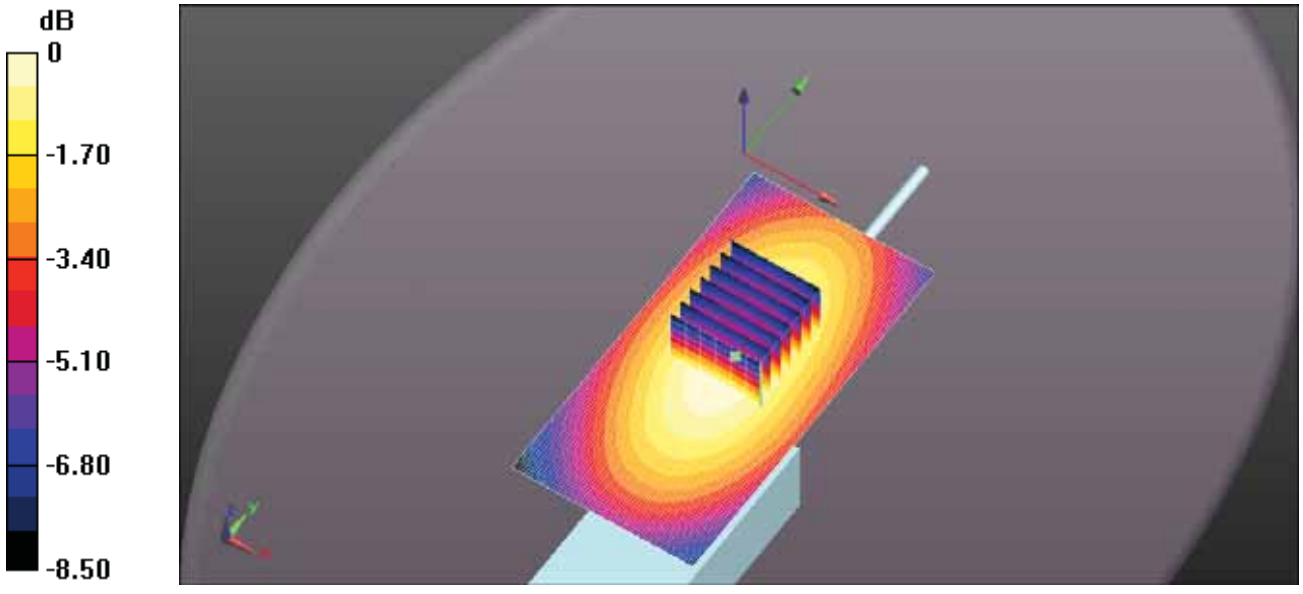
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.17 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.63 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.87 W/kg
SAR(1 g) = 2.76 W/kg; SAR(10 g) = 2.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.09 W/kg



0 dB = 3.17 W/kg = 5.02 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 156MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.883 S/m; ε_r = 43.668; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

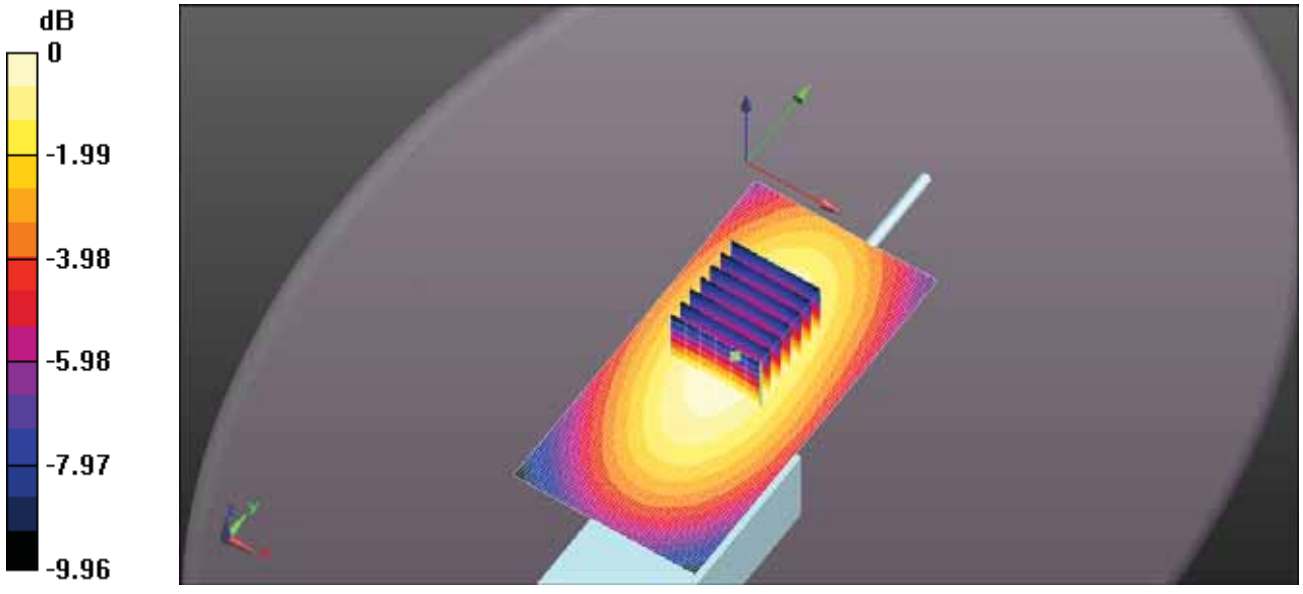
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

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

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.09 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.72 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.88 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 3.04 W/kg = 4.83 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 148MM 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.822 S/m; ε_r = 45.351; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

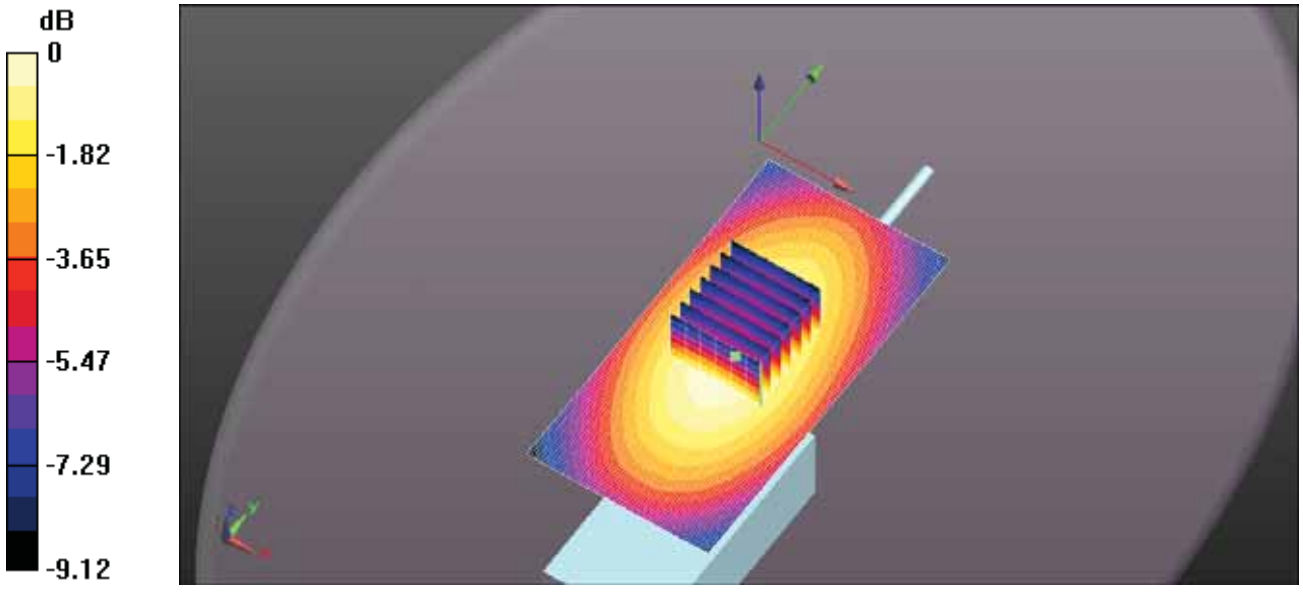
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

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

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.81 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.47 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 2.18 W/kg = 3.39 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 148MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used: f = 420 MHz; σ = 0.829 S/m; ε_r = 44.851; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

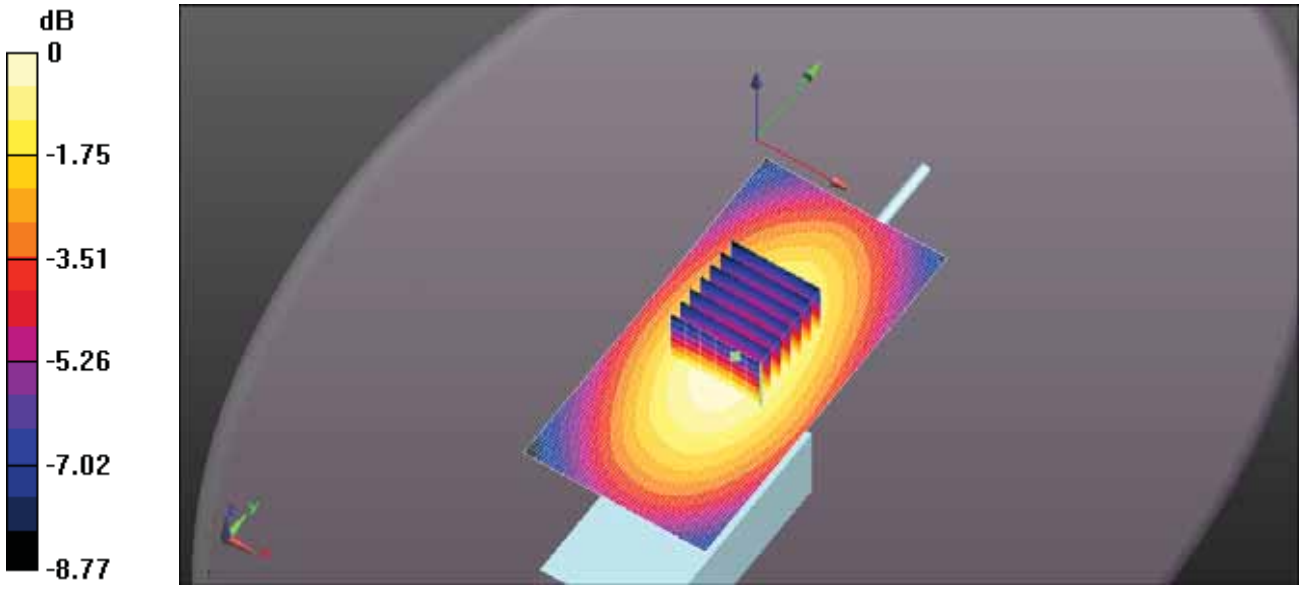
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.58 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.31 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.37 W/kg
SAR(1 g) = 3.25 W/kg; SAR(10 g) = 2.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.50 W/kg



0 dB = 3.58 W/kg = 5.54 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 148MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used: f = 440 MHz; σ = 0.841 S/m; ε_r = 44.266; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

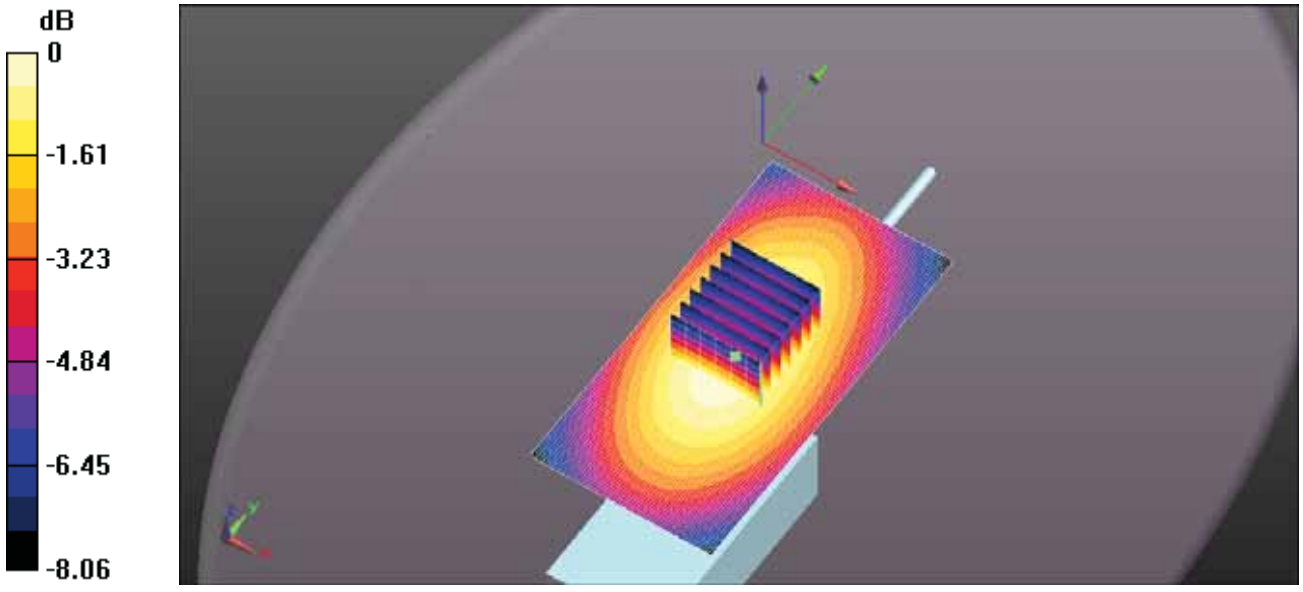
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.71 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.52 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 5.88 W/kg
SAR(1 g) = 4.3 W/kg; SAR(10 g) = 3.13 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.69 W/kg



0 dB = 4.71 W/kg = 6.73 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 148MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used: f = 460 MHz; σ = 0.87 S/m; ε_r = 43.823; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

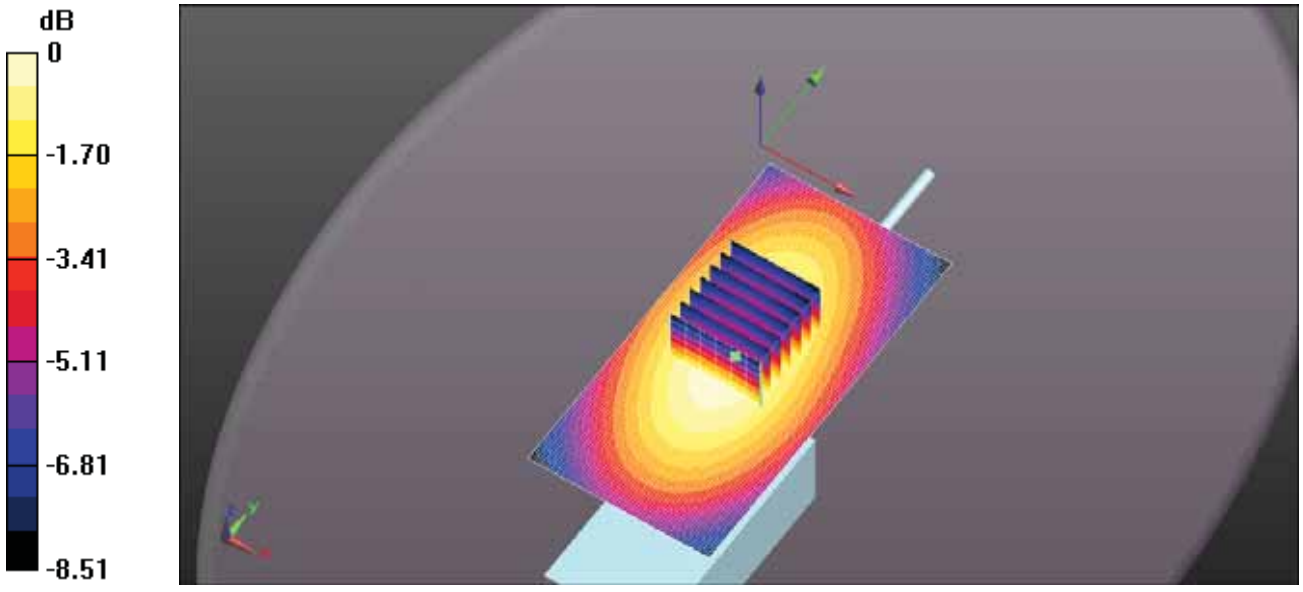
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.89 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.30 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 4.36 W/kg; SAR(10 g) = 3.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.90 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 148MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.883 S/m; ε_r = 43.668; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

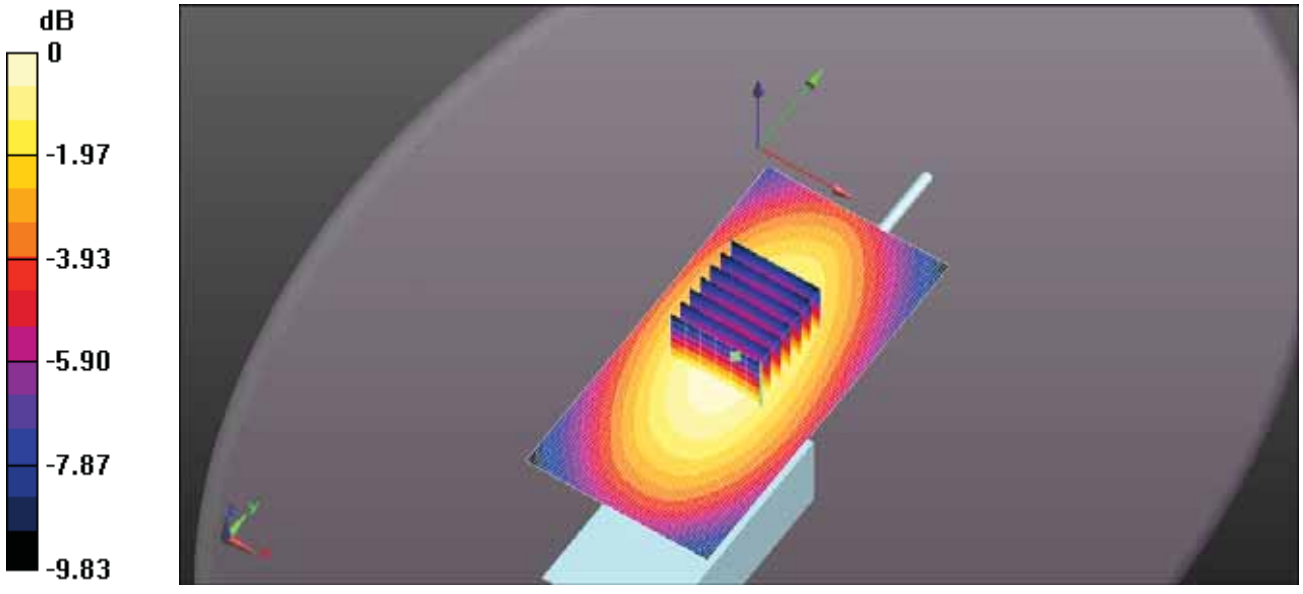
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.73 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.21 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 6.71 W/kg
SAR(1 g) = 4.68 W/kg; SAR(10 g) = 3.4 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 5.32 W/kg



0 dB = 5.73 W/kg = 7.58 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 142MM 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.822 S/m; ε_r = 45.351; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

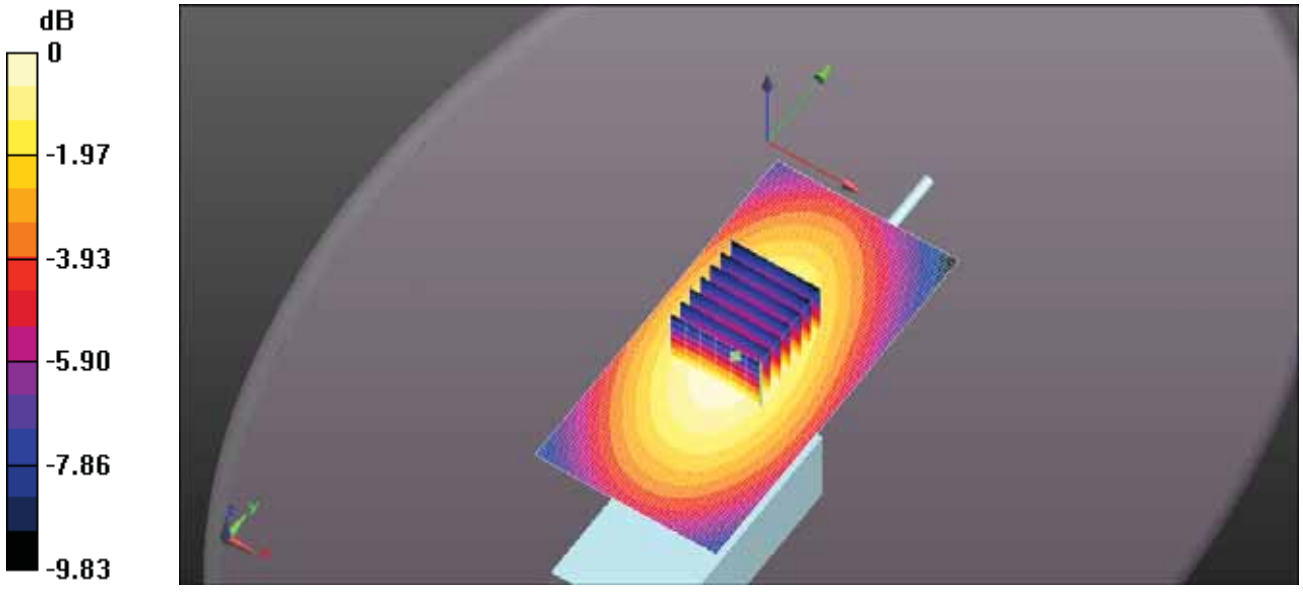
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.89 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.41 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 1.67 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 142MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used: f = 420 MHz; σ = 0.829 S/m; ε_r = 44.851; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

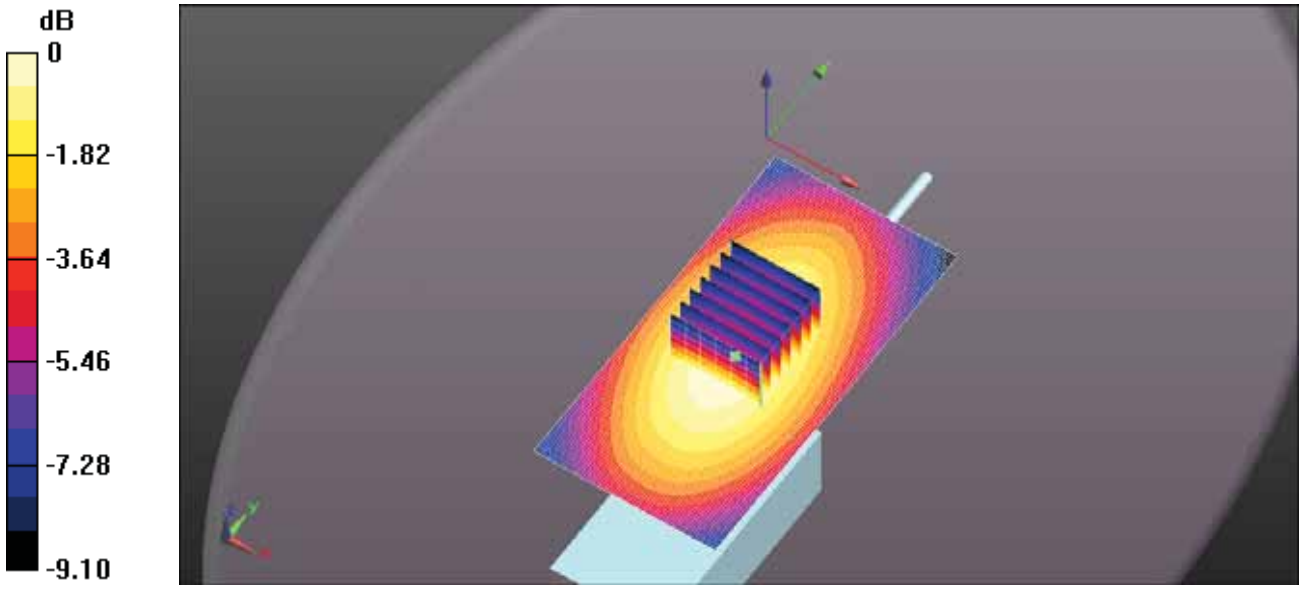
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.89 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.82 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.87 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.74 W/kg



0 dB = 2.89 W/kg = 4.61 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 142MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used: f = 440 MHz; σ = 0.841 S/m; ε_r = 44.266; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

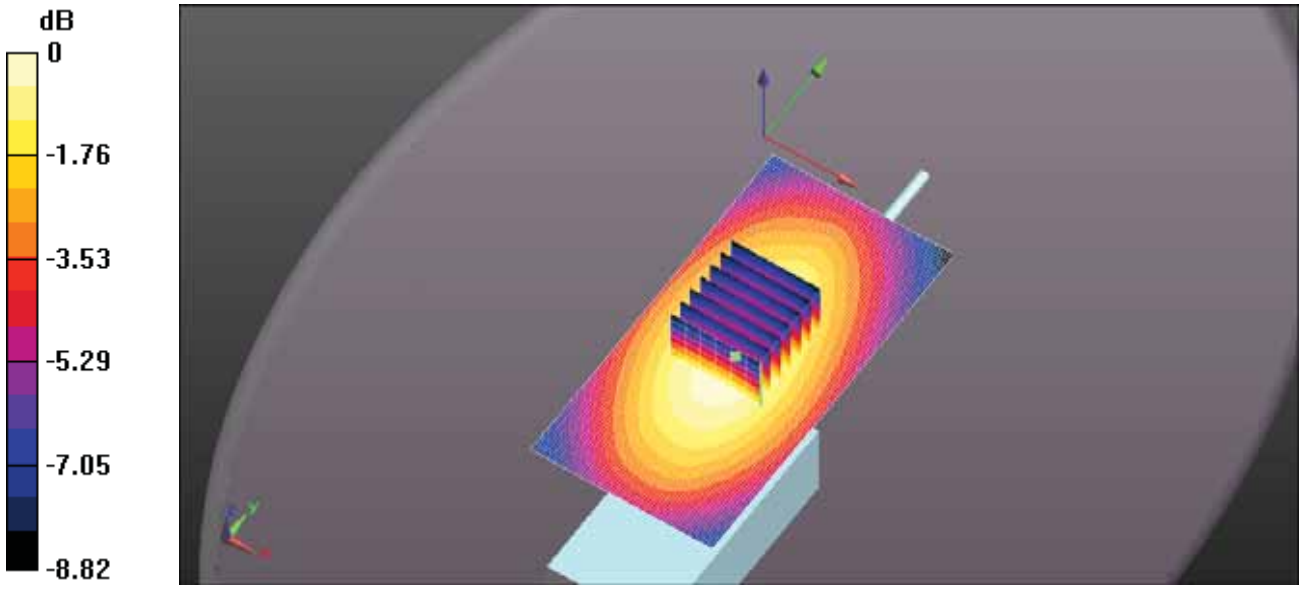
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.04 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.45 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 4.87 W/kg
SAR(1 g) = 3.55 W/kg; SAR(10 g) = 2.58 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.89 W/kg



0 dB = 4.04 W/kg = 6.06 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 142MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used: f = 460 MHz; σ = 0.87 S/m; ε_r = 43.823; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

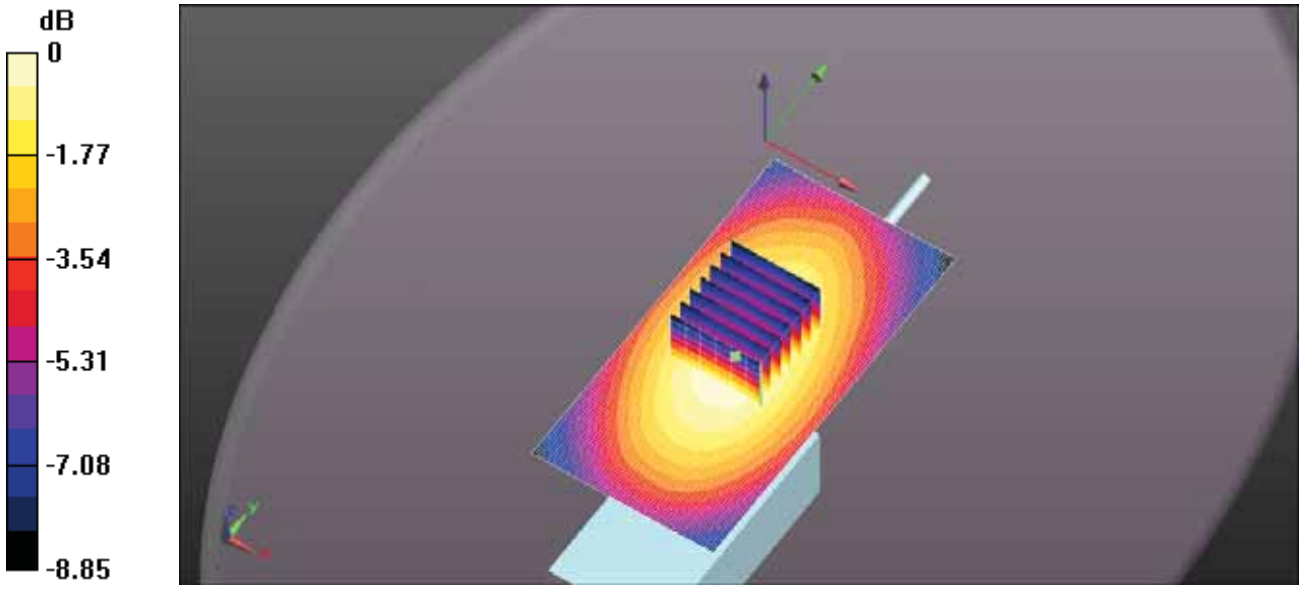
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.48 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.43 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 5.37 W/kg
SAR(1 g) = 3.76 W/kg; SAR(10 g) = 2.73 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.23 W/kg



0 dB = 4.48 W/kg = 6.51 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q BP-280 FA-SC61UC 142MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.883 S/m; ε_r = 43.668; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

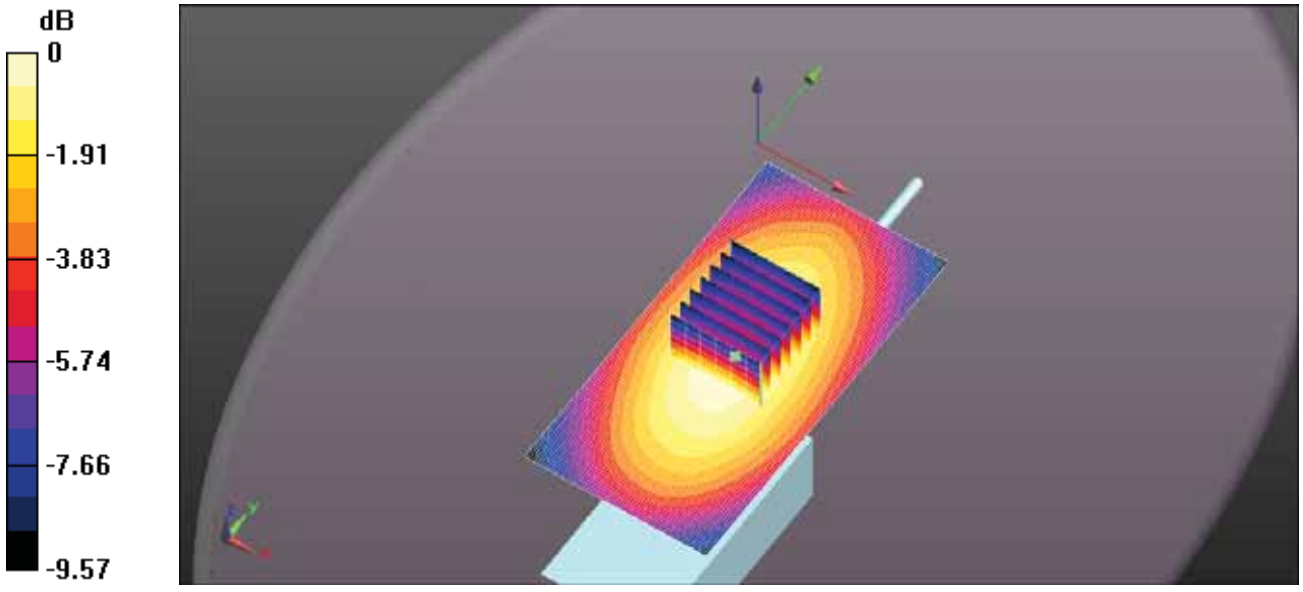
- Probe: ES3DV3 - SN3250; ConvF(7.15, 7.15, 7.15); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Area Scan (61x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.93 W/kg

Configuration_Head, IC-F2100D/Head Front, P=4W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 51.80 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 5.72 W/kg
SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.93 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.55 W/kg



0 dB = 4.93 W/kg = 6.93 dBW/kg

EXHIBIT 3. **BODY SAR MEASUREMENTS**

Antenna	Power (W)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg) BP-279 1570mAh	BODY SAR10g (W/Kg) BP-279 1570mAh
FA-SC25U 400-430 MHz	4.07	1	400	2.83	2.05
	4.12	3	415	4.23	0.04
	4.12	6	430	6.72	4.88
FA-SC57U 440-470 MHz	4.18	8	440	4.53	3.29
	4.21	10	455	5.16	3.73
	4.12	12	470	5.27	3.78
FA-SC26US 400-450 MHz	4.07	1	400	1.28	0.91
	4.09	2	412.5	2.94	2.07
	4.11	5	425	4.54	3.27
	4.18	7	437.5	3.81	2.74
	4.23	9	450	2.27	1.58
FA-SC73US 450-470 MHz	4.23	9	450	3.23	2.31
	4.19	11	460	4.43	3.17
	4.12	12	470	5.23	3.72

Cut Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-279	BP-279
			(MHz)	1570mAh	1570mAh
FA-SC61UC 400MHz 165mm	4.07	1	400	4.05	2.95
	4.10	4	420	6.53	4.75
	4.12	8	440	5.03	3.67
	4.18	11	460	3.85	2.78
	4.19	12	470	3.66	2.63
FA-SC61UC 420MHz 156mm	4.07	1	400	2.88	2.08
	4.10	4	420	6.61	4.79
	4.12	8	440	6.57	4.79
	4.18	11	460	5.04	4.23
	4.19	12	470	5.44	3.92
FA-SC61UC 440MHz 148mm	4.07	1	400	1.96	1.42
	4.10	4	420	4.63	3.36
	4.12	8	440	6.31	4.58
	4.18	11	460	6.44	4.66
	4.19	12	470	6.07	4.39
FA-SC61UC 460MHz 142mm	4.07	1	400	2.11	1.53
	4.10	4	420	3.83	2.78
	4.12	8	440	5.17	3.76
	4.18	11	460	6.49	4.69
	4.19	12	470	6.60	4.76

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC25U 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

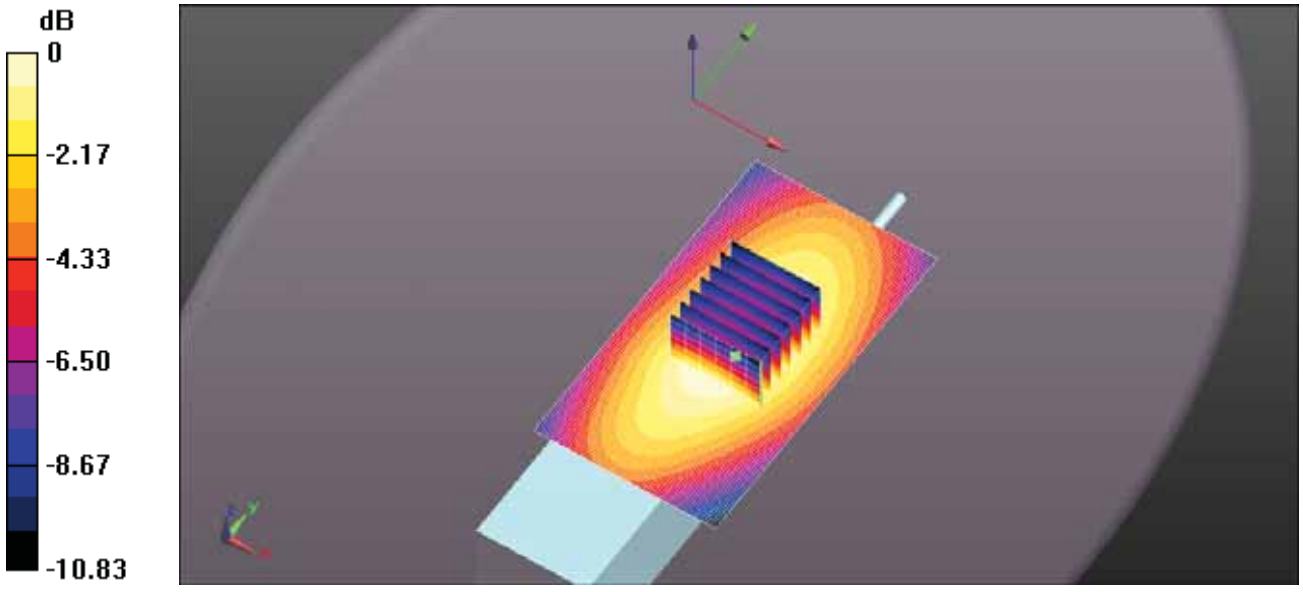
Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.92 S/m; ε_r = 56.54; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.21 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 58.79 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 4.10 W/kg
SAR(1 g) = 2.83 W/kg; SAR(10 g) = 2.05 W/kg
Maximum value of SAR (measured) = 3.19 W/kg



0 dB = 3.21 W/kg = 5.07 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC25U 415MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

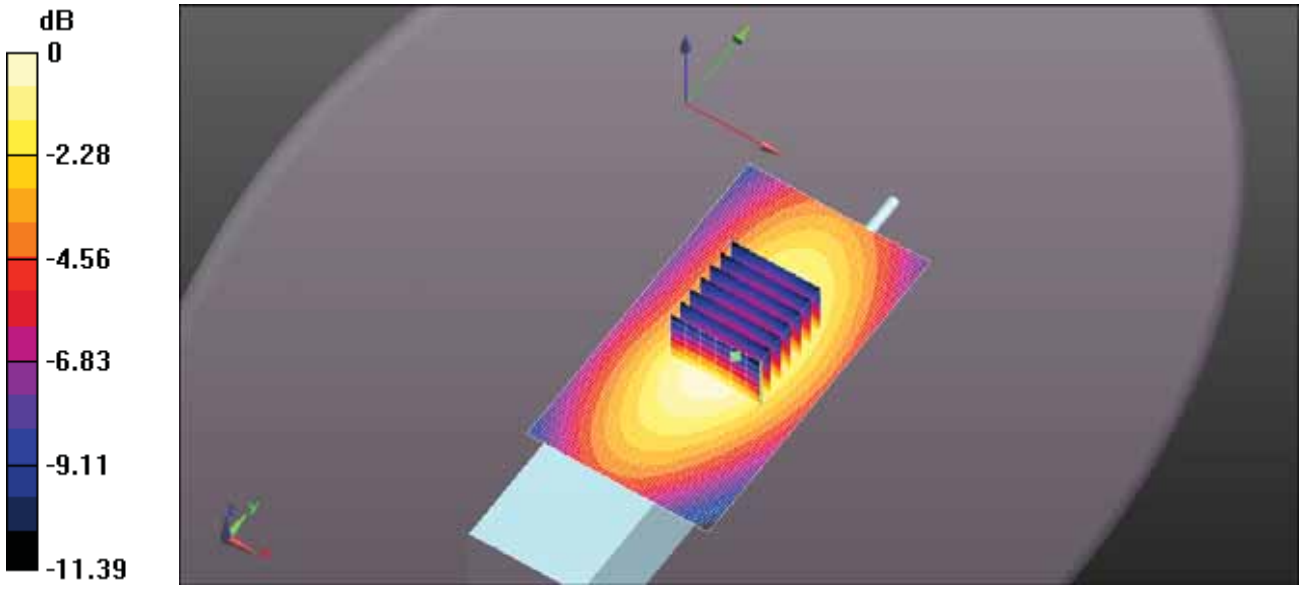
Communication System: UID 0, CW (0); Frequency: 415 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 415 MHz; σ = 0.932 S/m; ε_r = 56.267; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.90 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.13 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 6.18 W/kg
SAR(1 g) = 4.23 W/kg; SAR(10 g) = 3.04 W/kg
Maximum value of SAR (measured) = 4.79 W/kg



0 dB = 4.90 W/kg = 6.90 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC25U 430MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

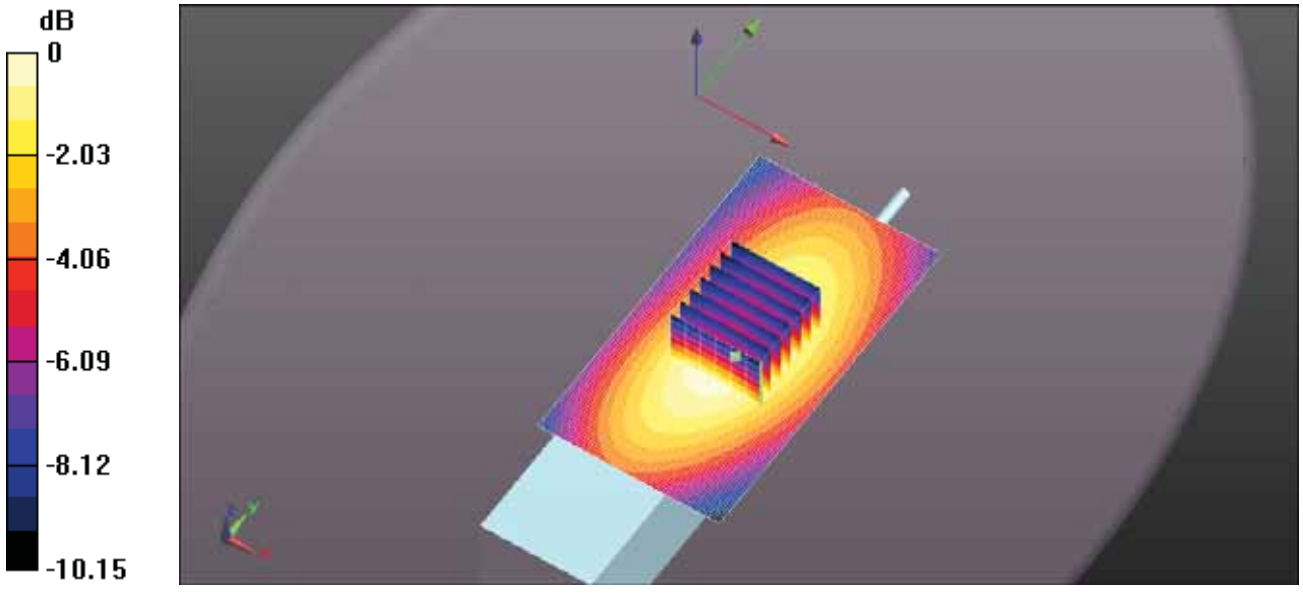
Communication System: UID 0, CW (0); Frequency: 430 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 430 MHz; σ = 0.944 S/m; ε_r = 55.994; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.76 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.42 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 9.71 W/kg
SAR(1 g) = 6.72 W/kg; SAR(10 g) = 4.88 W/kg
Maximum value of SAR (measured) = 7.58 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC57U 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

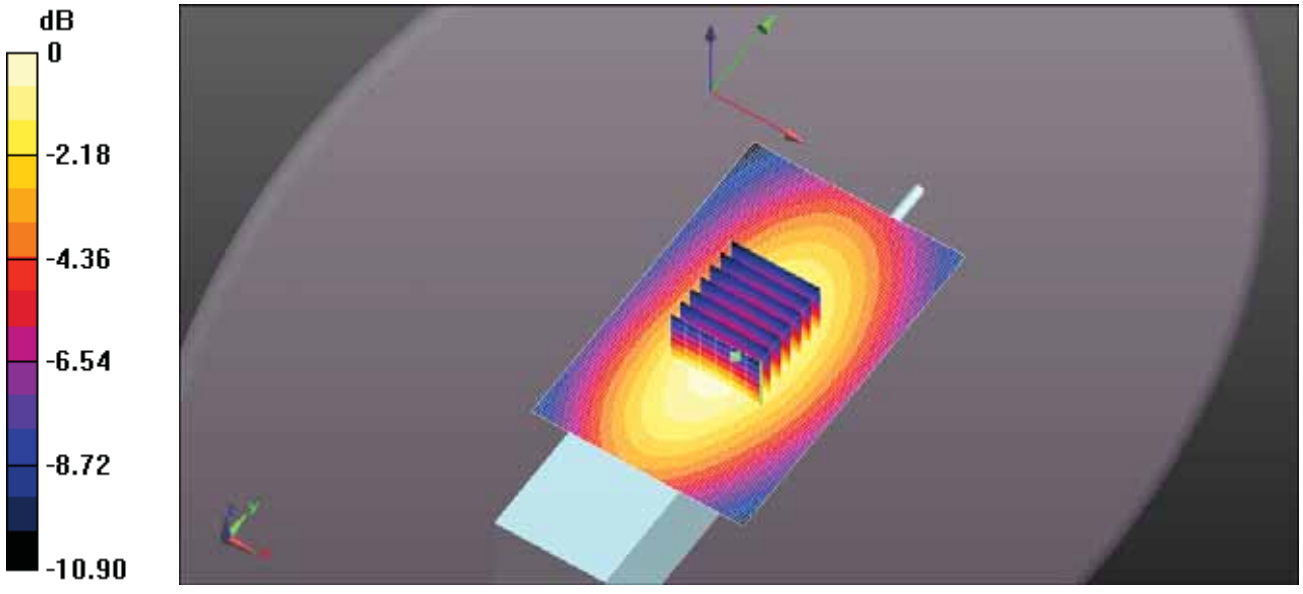
Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 440 MHz; σ = 0.952 S/m; ε_r = 55.812; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.19 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 71.36 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 6.52 W/kg
SAR(1 g) = 4.53 W/kg; SAR(10 g) = 3.29 W/kg
Maximum value of SAR (measured) = 5.11 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC57U 455MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

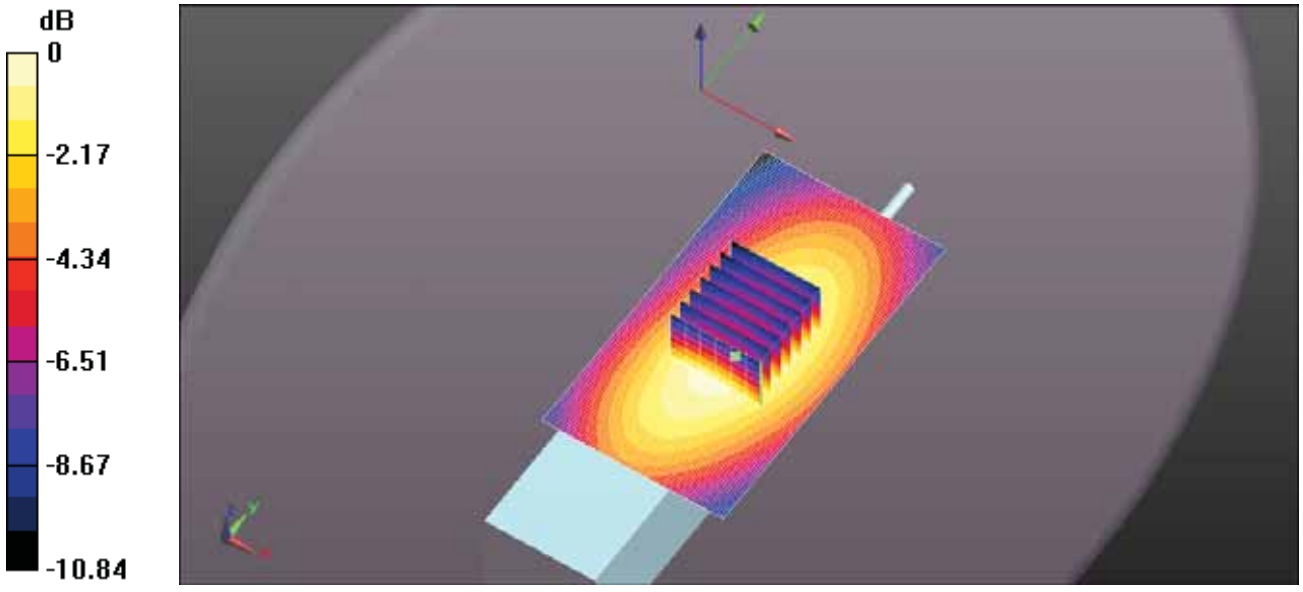
Communication System: UID 0, CW (0); Frequency: 455 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 455 MHz; σ = 0.965 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.76 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.88 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 7.45 W/kg
SAR(1 g) = 5.16 W/kg; SAR(10 g) = 3.73 W/kg
Maximum value of SAR (measured) = 5.82 W/kg



0 dB = 5.76 W/kg = 7.60 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC57U 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

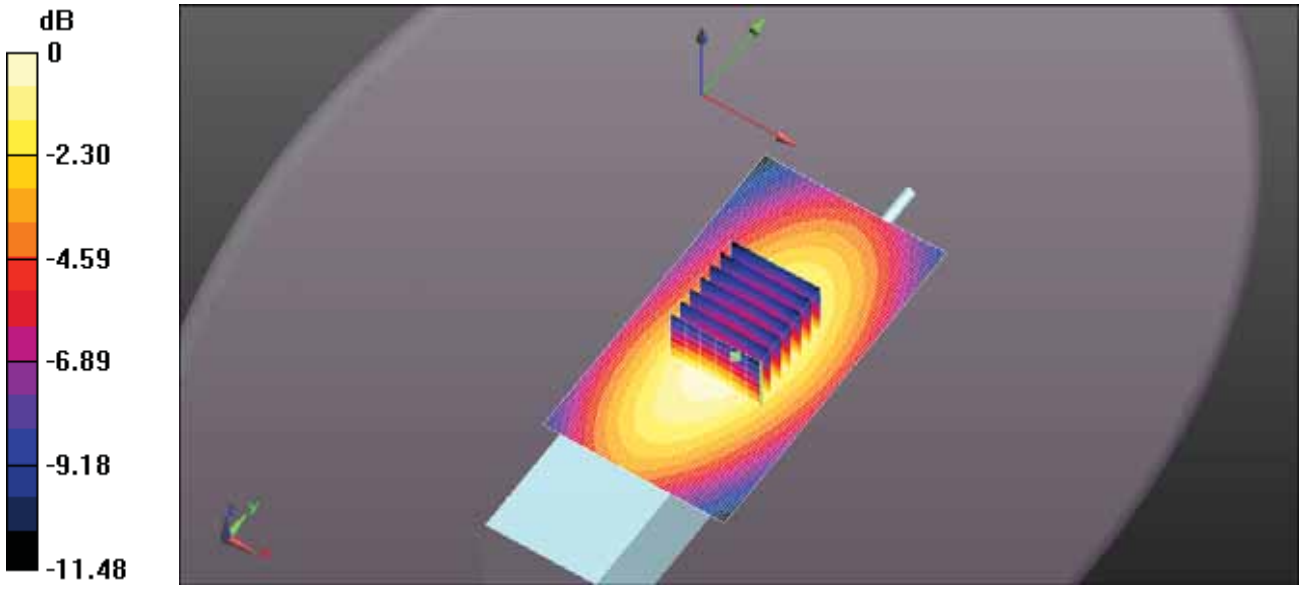
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 470 MHz; σ = 0.98 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.88 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.87 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 7.67 W/kg
SAR(1 g) = 5.27 W/kg; SAR(10 g) = 3.78 W/kg
Maximum value of SAR (measured) = 5.97 W/kg



0 dB = 5.88 W/kg = 7.70 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC26US 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

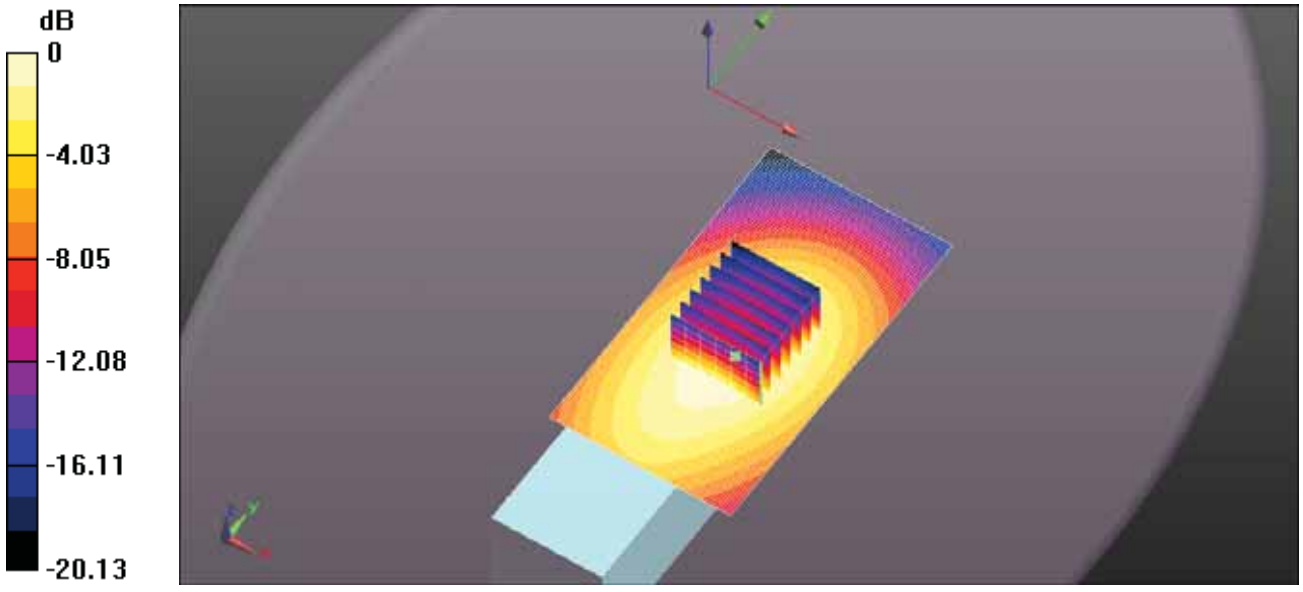
Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.92 S/m; ε_r = 56.54; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.81 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.913 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.44 W/kg = 1.57 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC26US 412.5MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

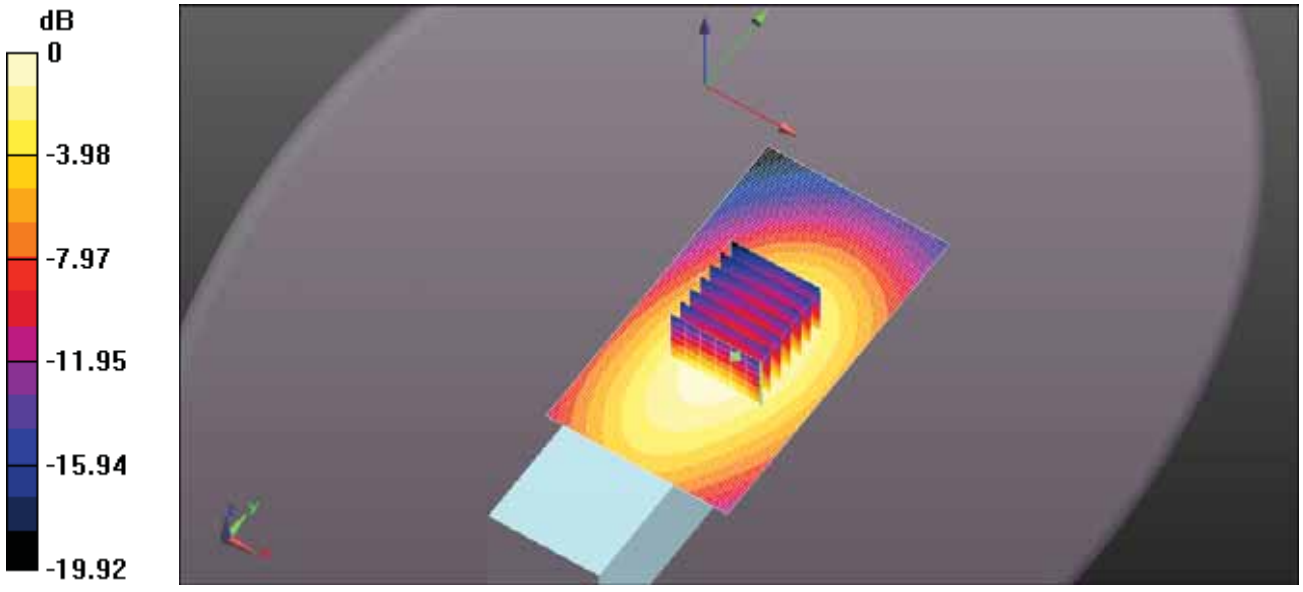
Communication System: UID 0, CW (0); Frequency: 412.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 412.5 MHz; σ = 0.93 S/m; ε_r = 56.313; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.33 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 55.42 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 4.36 W/kg
SAR(1 g) = 2.94 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 3.35 W/kg



0 dB = 3.33 W/kg = 5.23 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC26US 425MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

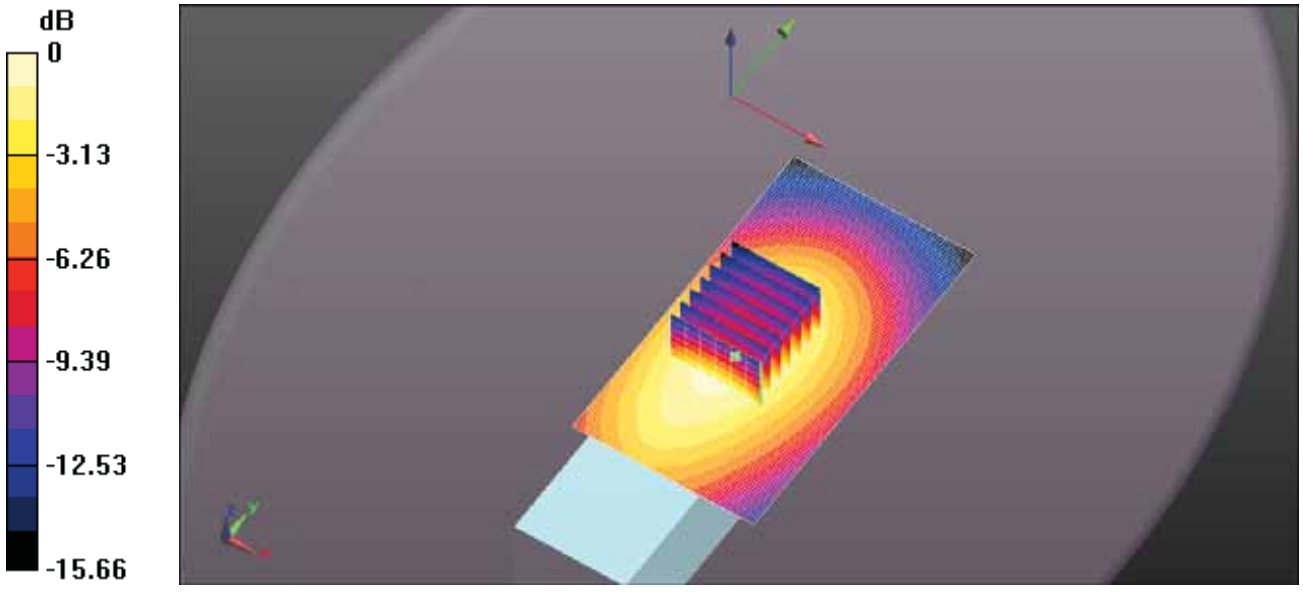
Communication System: UID 0, CW (0); Frequency: 425 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 425 MHz; σ = 0.94 S/m; ε_r = 56.085; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.65 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.80 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 6.57 W/kg
SAR(1 g) = 4.54 W/kg; SAR(10 g) = 3.27 W/kg
Maximum value of SAR (measured) = 5.14 W/kg



0 dB = 5.65 W/kg = 7.52 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC26US 437.5MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

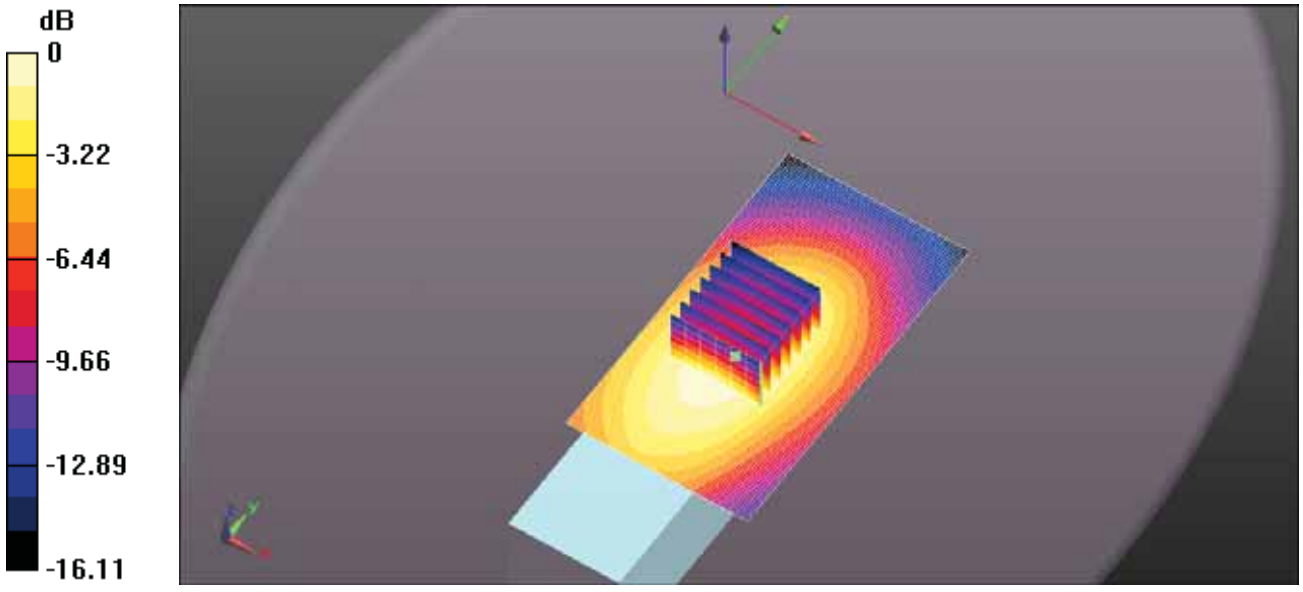
Communication System: UID 0, CW (0); Frequency: 437.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 437.5 MHz; σ = 0.95 S/m; ε_r = 55.858; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.22 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.12 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 5.53 W/kg
SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.74 W/kg
Maximum value of SAR (measured) = 4.31 W/kg



0 dB = 5.22 W/kg = 7.18 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC26US 450MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

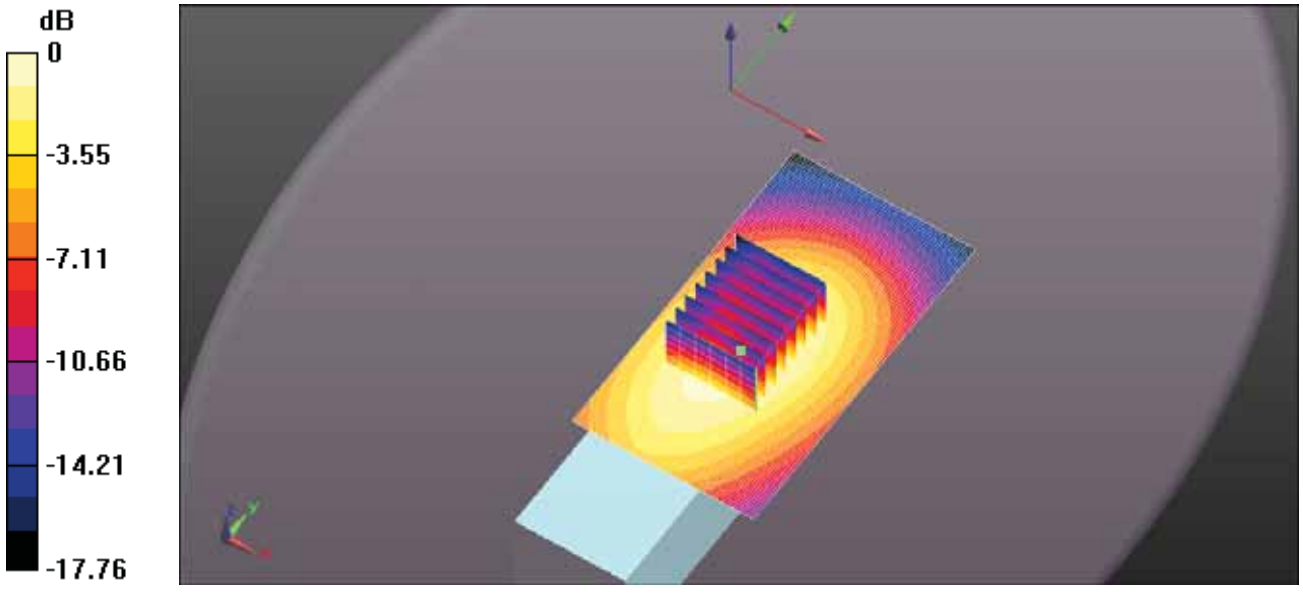
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.89 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.64 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.58 W/kg
Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.89 W/kg = 4.60 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC73US 450MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

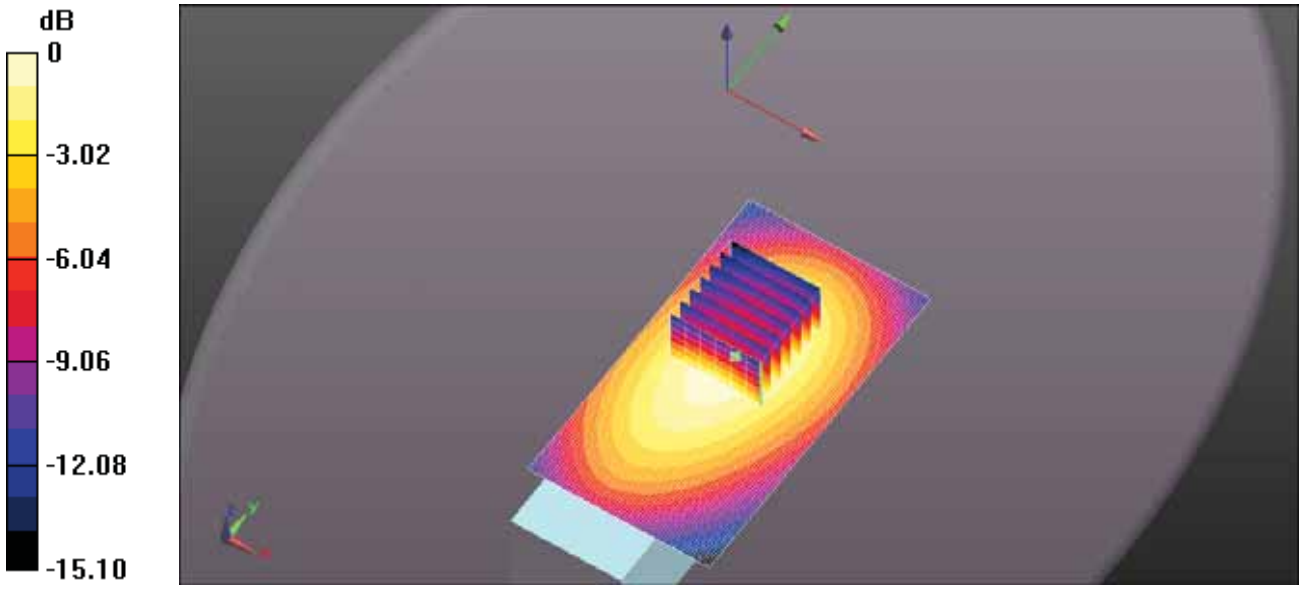
Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.96 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.72 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 55.65 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.68 W/kg
SAR(1 g) = 3.23 W/kg; SAR(10 g) = 2.31 W/kg
Maximum value of SAR (measured) = 3.64 W/kg



0 dB = 3.72 W/kg = 5.71 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC73US 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

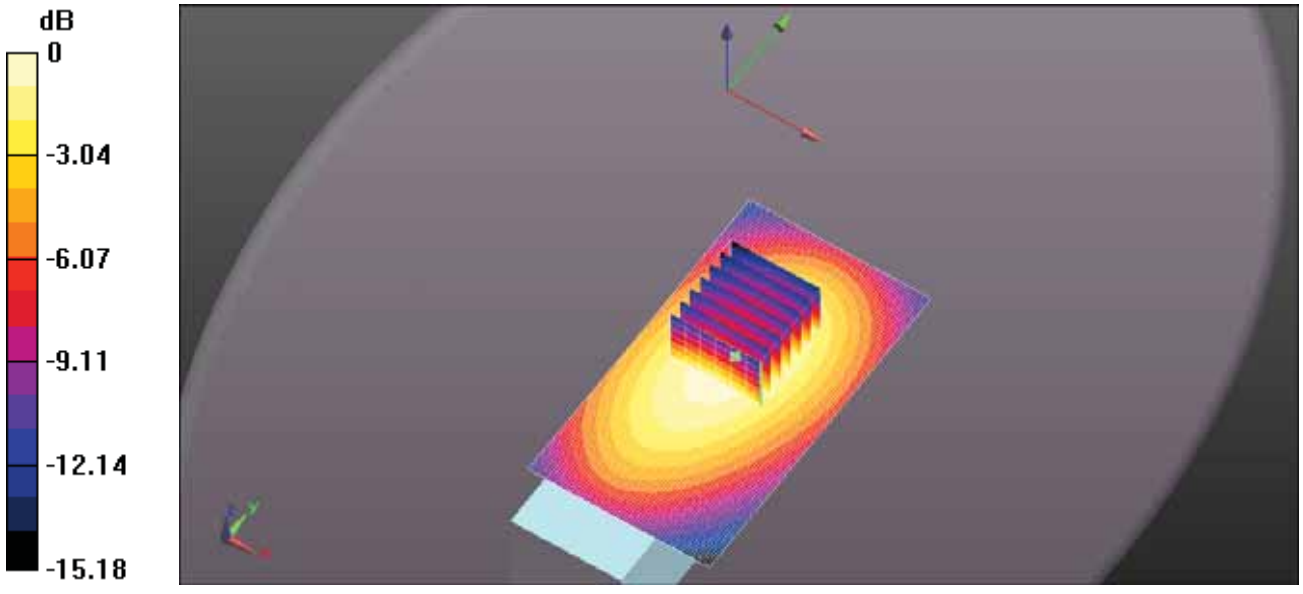
Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 460 MHz; σ = 0.97 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.05 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.69 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 6.43 W/kg
SAR(1 g) = 4.43 W/kg; SAR(10 g) = 3.17 W/kg
Maximum value of SAR (measured) = 5.01 W/kg



0 dB = 5.05 W/kg = 7.03 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC73US 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

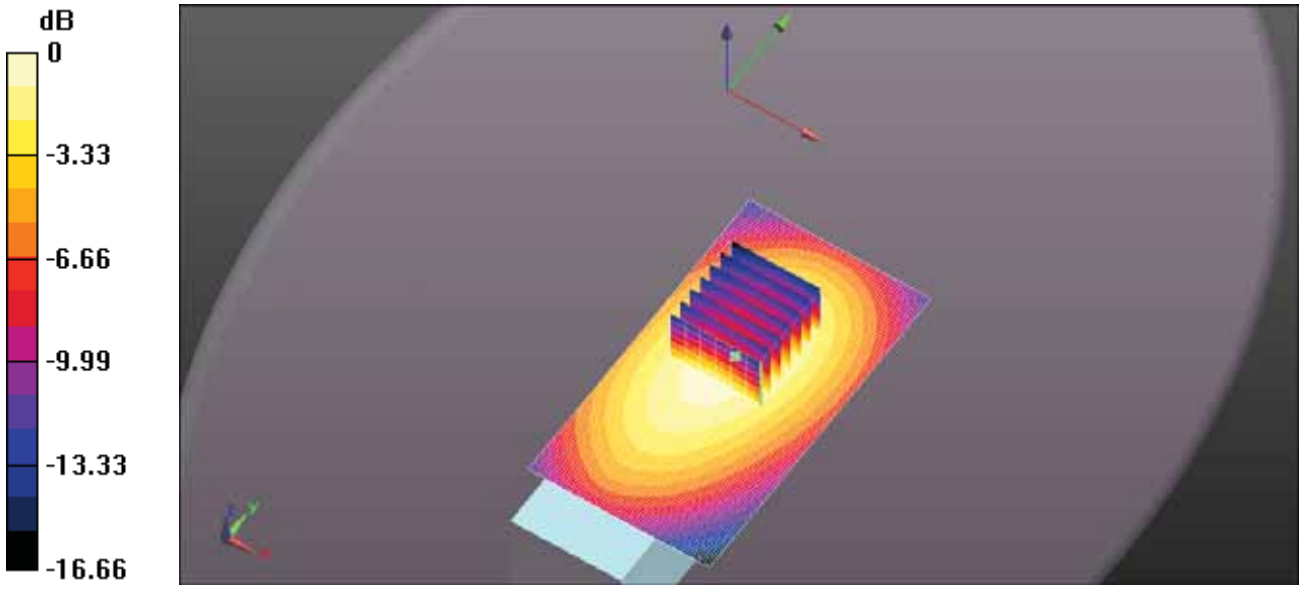
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 470 MHz; σ = 0.98 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.13 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.58 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 7.62 W/kg
SAR(1 g) = 5.23 W/kg; SAR(10 g) = 3.72 W/kg
Maximum value of SAR (measured) = 5.93 W/kg



0 dB = 6.13 W/kg = 7.88 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC73US 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

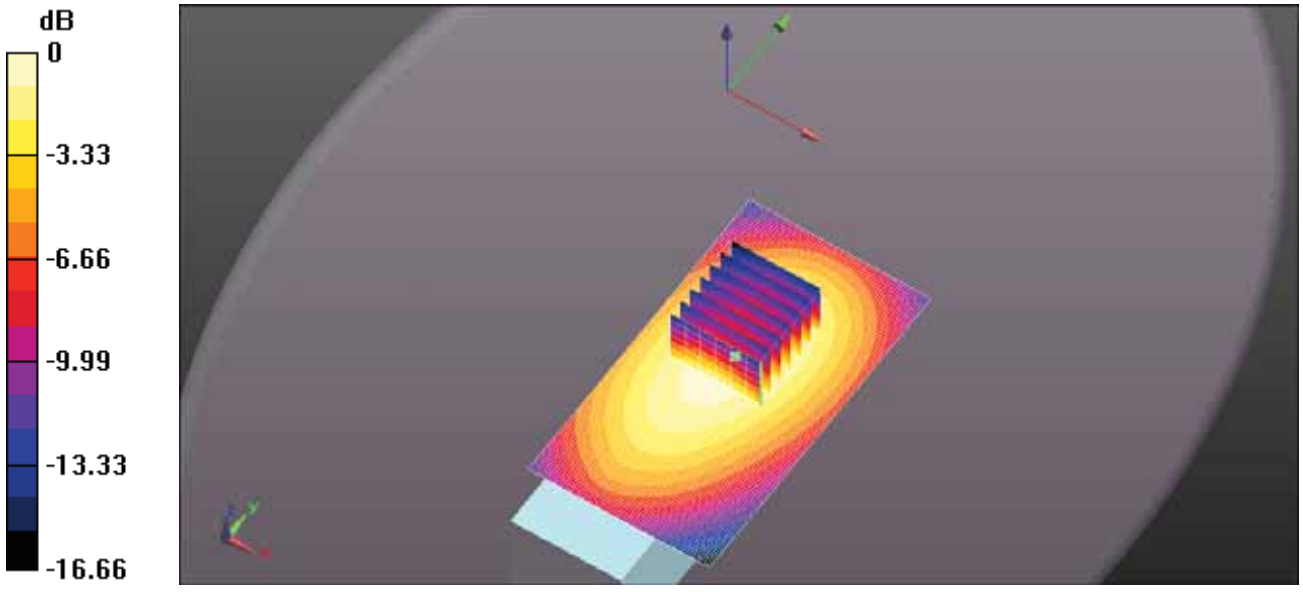
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 470 MHz; σ = 0.98 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.13 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.58 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 7.62 W/kg
SAR(1 g) = 5.23 W/kg; SAR(10 g) = 3.72 W/kg
Maximum value of SAR (measured) = 5.93 W/kg



0 dB = 6.13 W/kg = 7.88 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 165MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

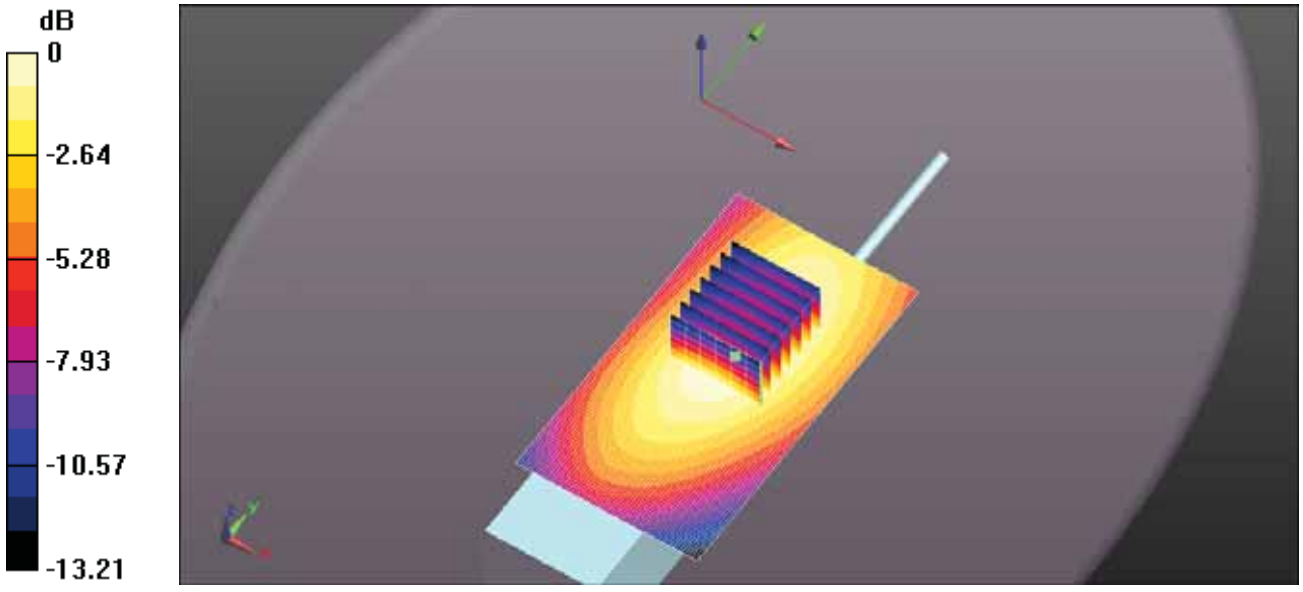
Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 420 MHz; σ = 0.936 S/m; ε_r = 56.176; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.49 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 88.68 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 9.42 W/kg
SAR(1 g) = 6.53 W/kg; SAR(10 g) = 4.75 W/kg
Maximum value of SAR (measured) = 7.34 W/kg



0 dB = 7.49 W/kg = 8.75 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 165MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

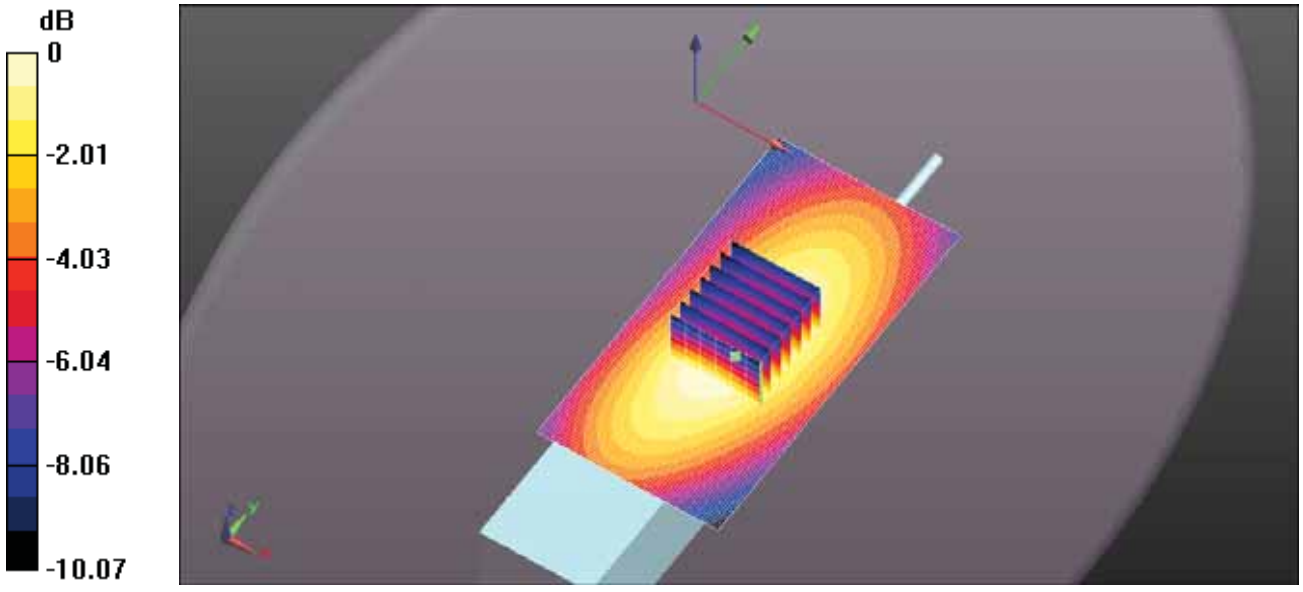
Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 440 MHz; σ = 0.952 S/m; ε_r = 55.812; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.81 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 77.41 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 7.21 W/kg
SAR(1 g) = 5.03 W/kg; SAR(10 g) = 3.67 W/kg
Maximum value of SAR (measured) = 5.66 W/kg



0 dB = 5.81 W/kg = 7.64 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 165MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

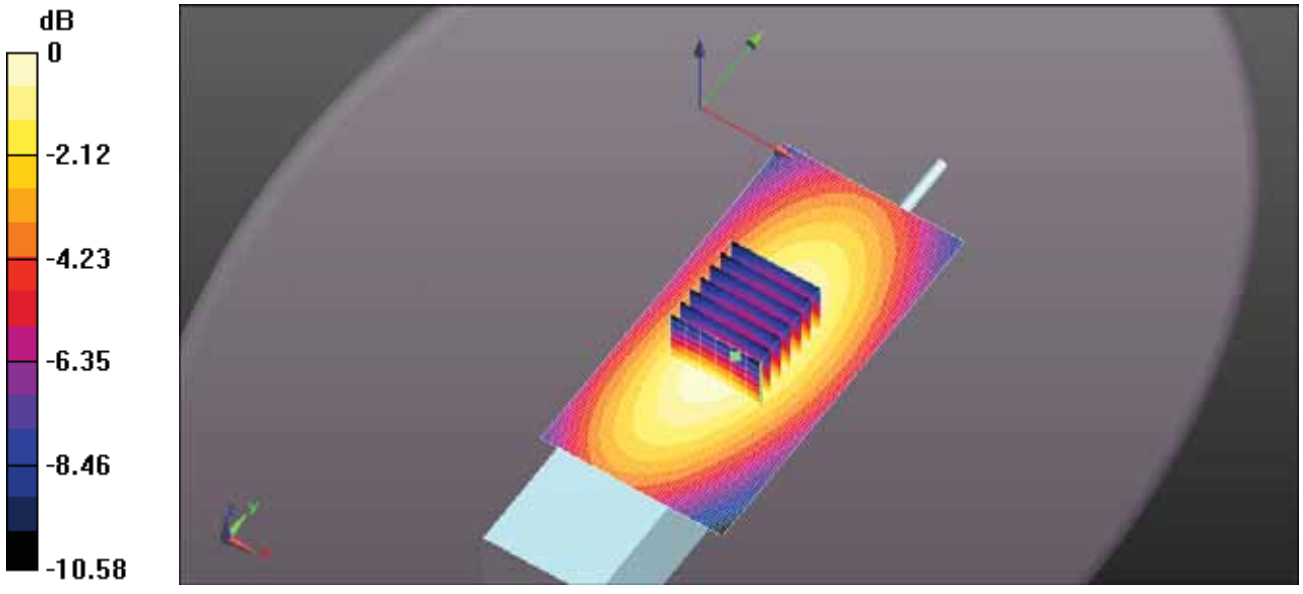
Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 460 MHz; σ = 0.97 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.38 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.73 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 5.56 W/kg
SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.78 W/kg
Maximum value of SAR (measured) = 4.34 W/kg



0 dB = 4.38 W/kg = 6.41 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 165MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

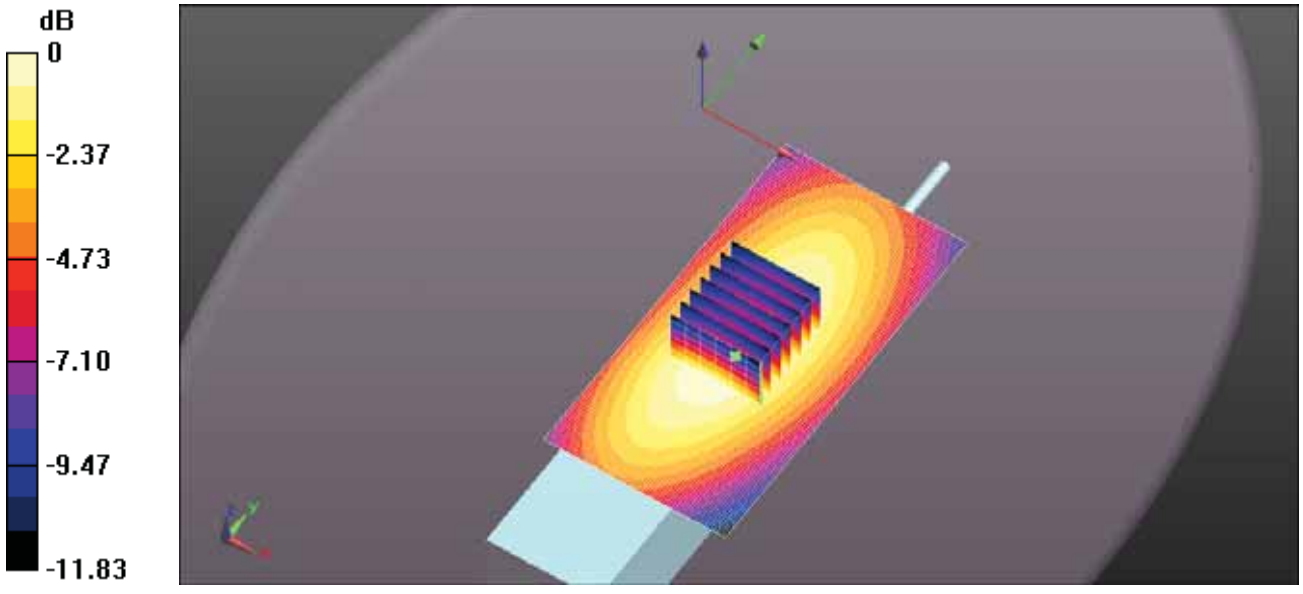
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 470 MHz; σ = 0.98 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.16 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.03 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 5.32 W/kg
SAR(1 g) = 3.66 W/kg; SAR(10 g) = 2.63 W/kg
Maximum value of SAR (measured) = 4.14 W/kg



0 dB = 4.16 W/kg = 6.19 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 156MM 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

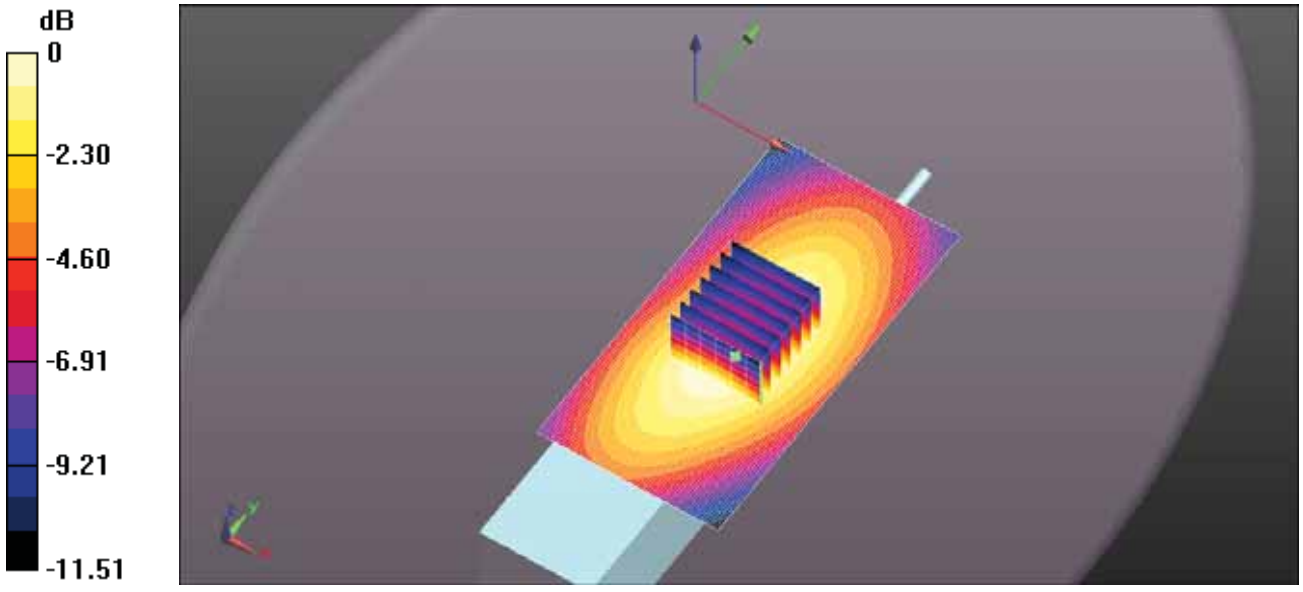
Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.92 S/m; ε_r = 56.54; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.28 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.59 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 4.17 W/kg
SAR(1 g) = 2.88 W/kg; SAR(10 g) = 2.08 W/kg
Maximum value of SAR (measured) = 3.26 W/kg



0 dB = 3.28 W/kg = 5.15 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 156MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

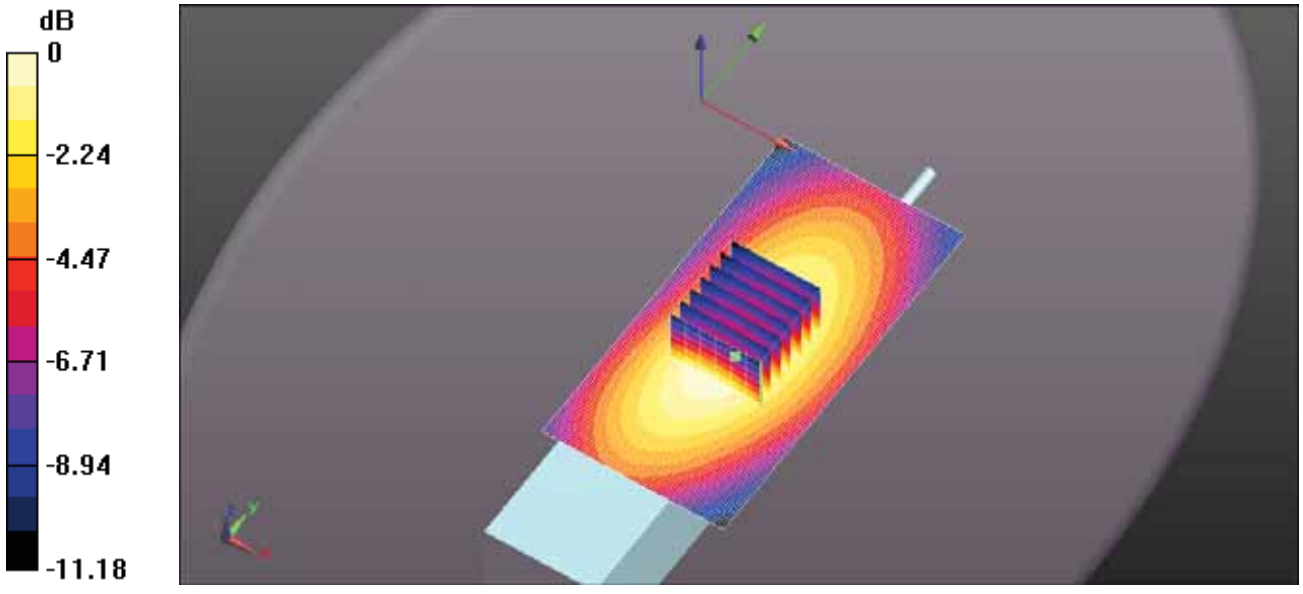
Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 420 MHz; σ = 0.936 S/m; ε_r = 56.176; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.54 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 88.43 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 9.54 W/kg
SAR(1 g) = 6.61 W/kg; SAR(10 g) = 4.79 W/kg
Maximum value of SAR (measured) = 7.43 W/kg



0 dB = 7.54 W/kg = 8.77 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 156MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

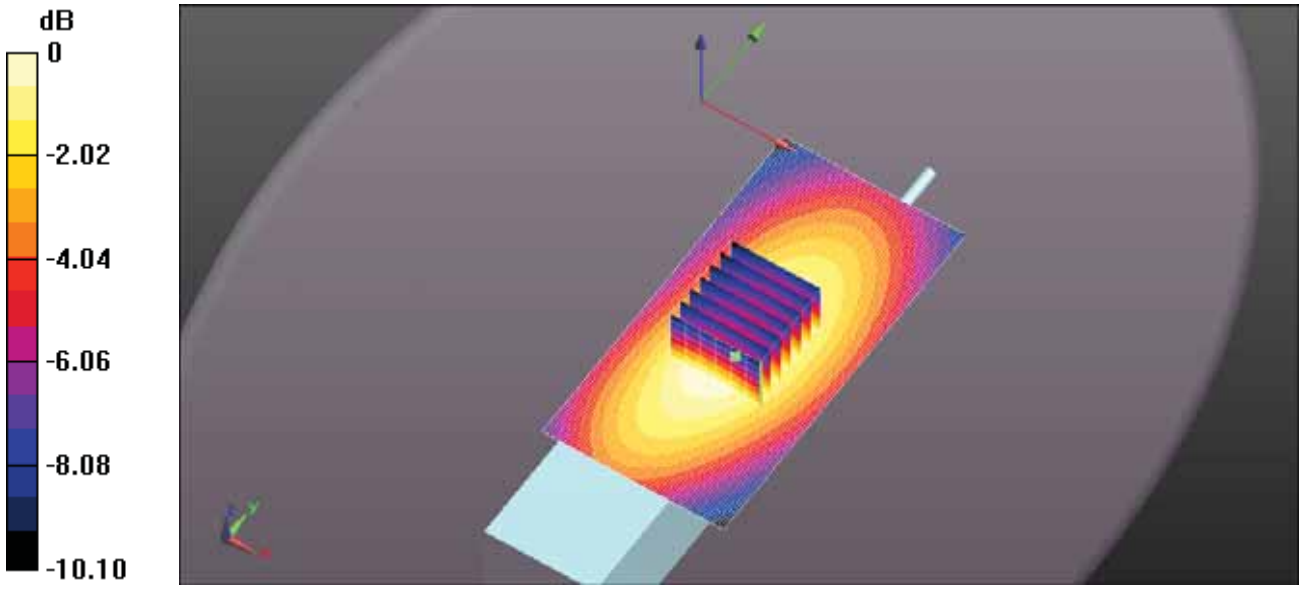
Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 440 MHz; σ = 0.952 S/m; ε_r = 55.812; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.57 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 87.85 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 9.43 W/kg
SAR(1 g) = 6.57 W/kg; SAR(10 g) = 4.79 W/kg
Maximum value of SAR (measured) = 7.36 W/kg



0 dB = 7.57 W/kg = 8.79 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 156MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

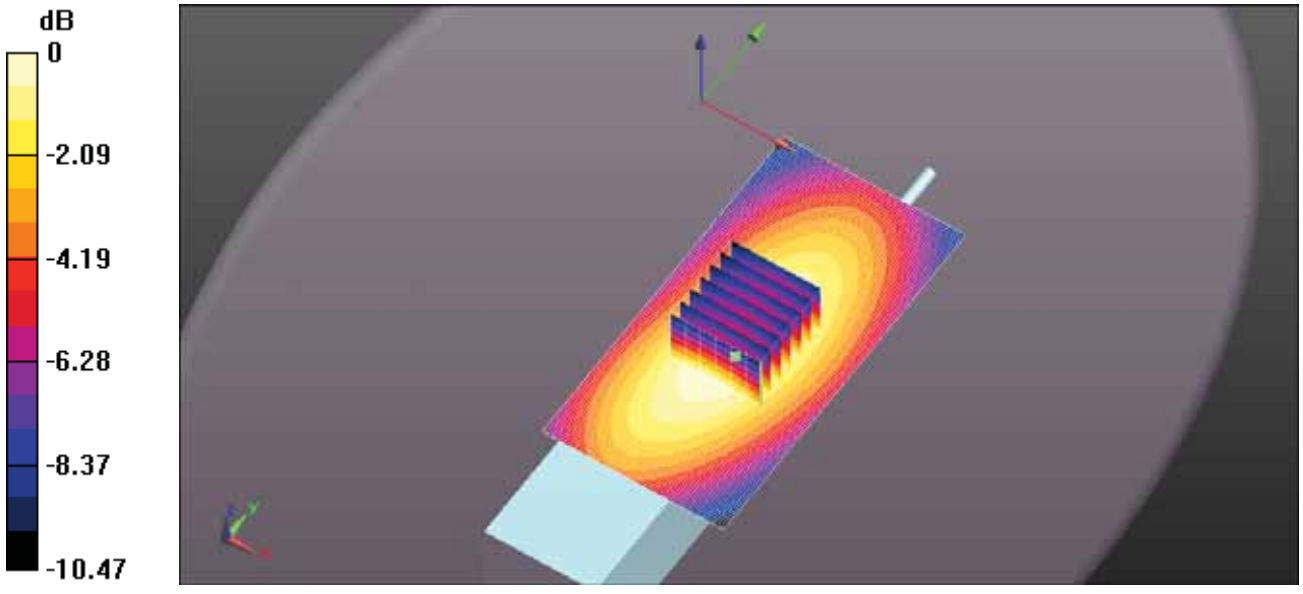
Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 460 MHz; σ = 0.97 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.92 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 82.43 V/m; Power Drift = -0.30 dB
Peak SAR (extrapolated) = 8.43 W/kg
SAR(1 g) = 5.84 W/kg; SAR(10 g) = 4.23 W/kg
Maximum value of SAR (measured) = 6.58 W/kg



0 dB = 6.92 W/kg = 8.40 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 156MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

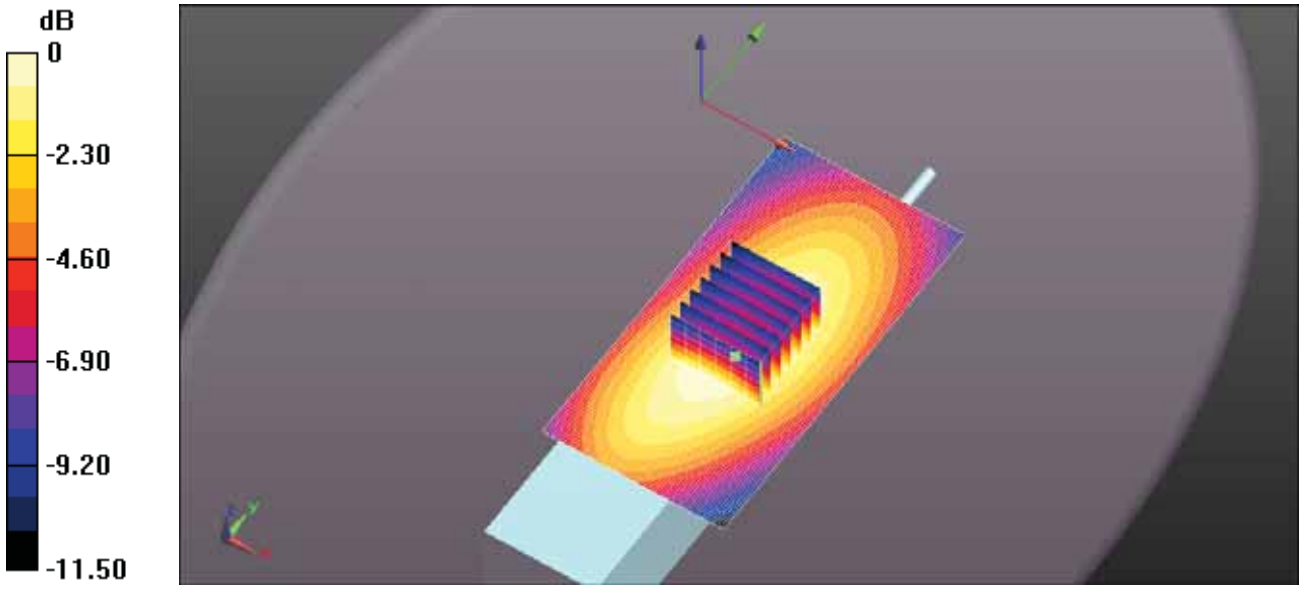
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 470 MHz; σ = 0.98 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.51 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 79.85 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 7.89 W/kg
SAR(1 g) = 5.44 W/kg; SAR(10 g) = 3.92 W/kg
Maximum value of SAR (measured) = 6.12 W/kg



0 dB = 6.51 W/kg = 8.13 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 148MM 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

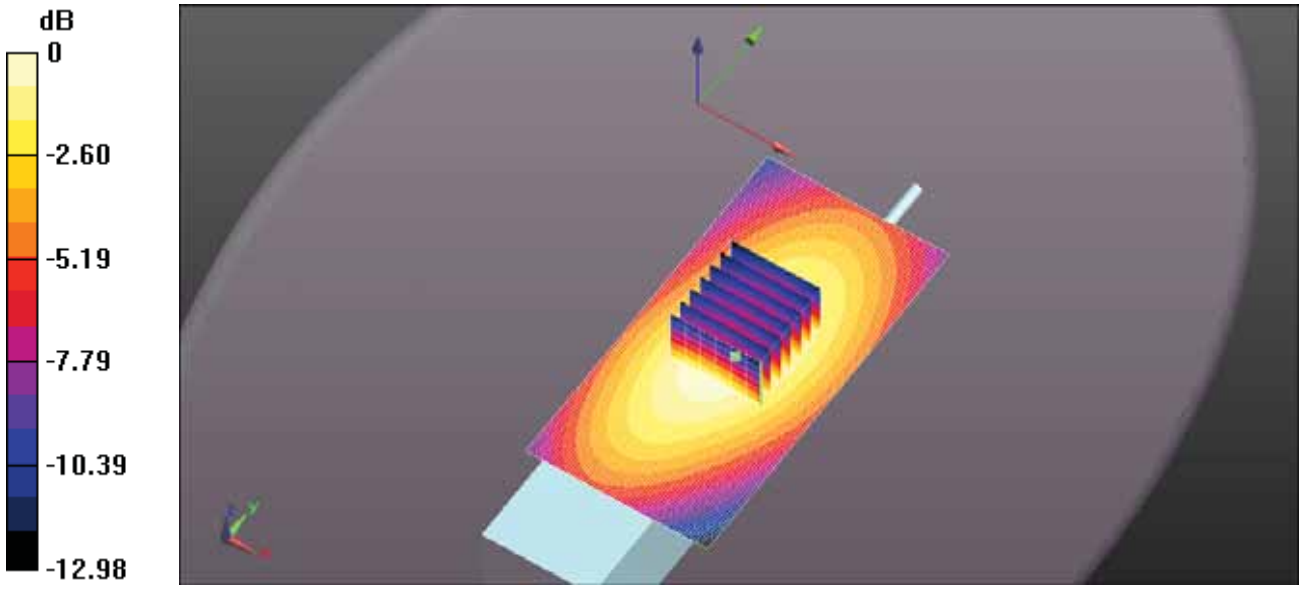
Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.92 S/m; ε_r = 56.54; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.20 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.45 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.42 W/kg
Maximum value of SAR (measured) = 2.22 W/kg



0 dB = 2.20 W/kg = 3.43 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 148MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

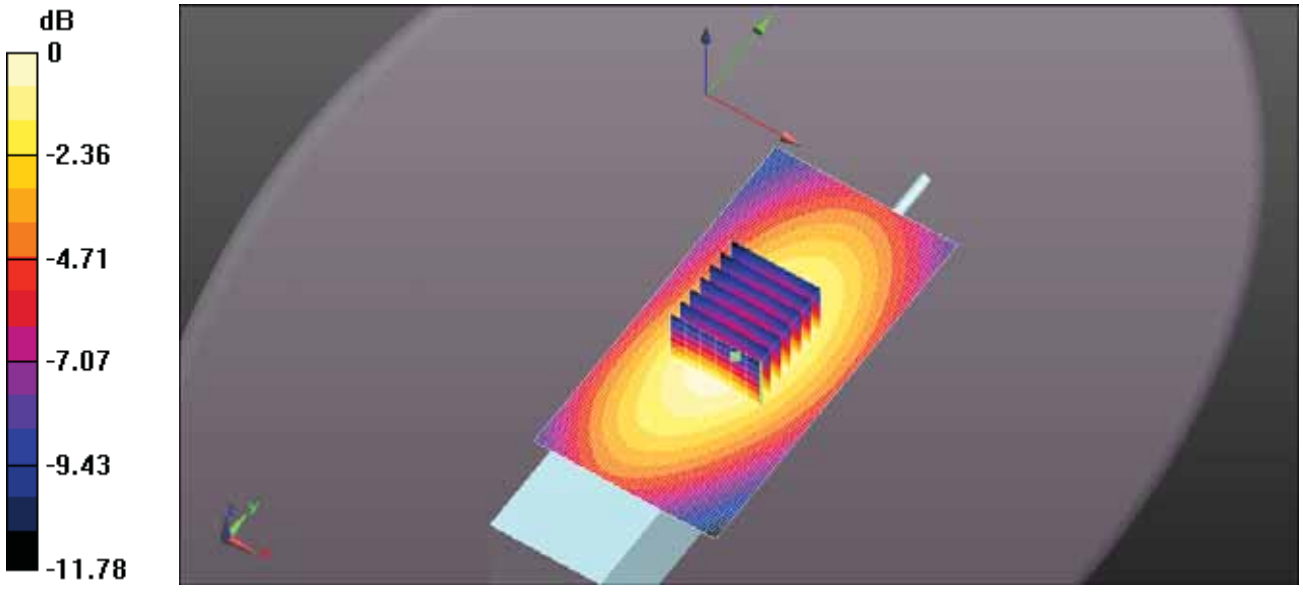
Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 420 MHz; σ = 0.936 S/m; ε_r = 56.176; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.26 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 73.26 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.66 W/kg
SAR(1 g) = 4.63 W/kg; SAR(10 g) = 3.36 W/kg
Maximum value of SAR (measured) = 5.21 W/kg



0 dB = 5.26 W/kg = 7.21 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 148MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

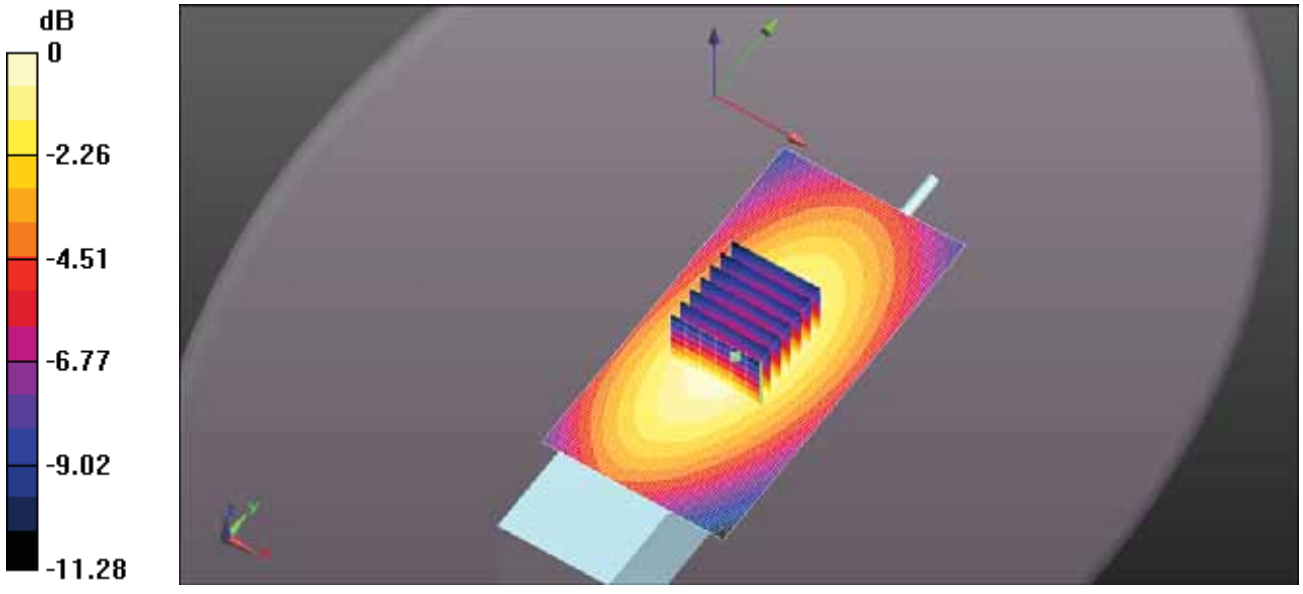
Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 440 MHz; σ = 0.952 S/m; ε_r = 55.812; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.23 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 84.07 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 9.10 W/kg
SAR(1 g) = 6.31 W/kg; SAR(10 g) = 4.58 W/kg
Maximum value of SAR (measured) = 7.14 W/kg



0 dB = 7.23 W/kg = 8.59 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 148MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

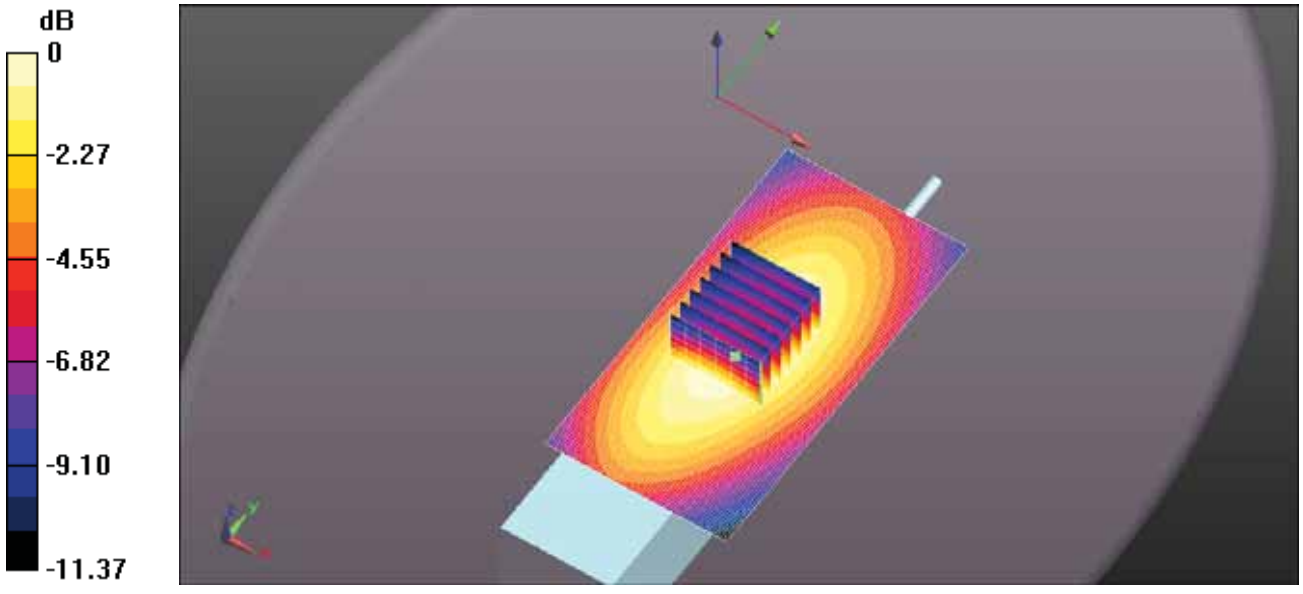
Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 460 MHz; σ = 0.97 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.45 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 84.45 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 9.31 W/kg
SAR(1 g) = 6.44 W/kg; SAR(10 g) = 4.66 W/kg
Maximum value of SAR (measured) = 7.25 W/kg



0 dB = 7.45 W/kg = 8.72 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 148MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

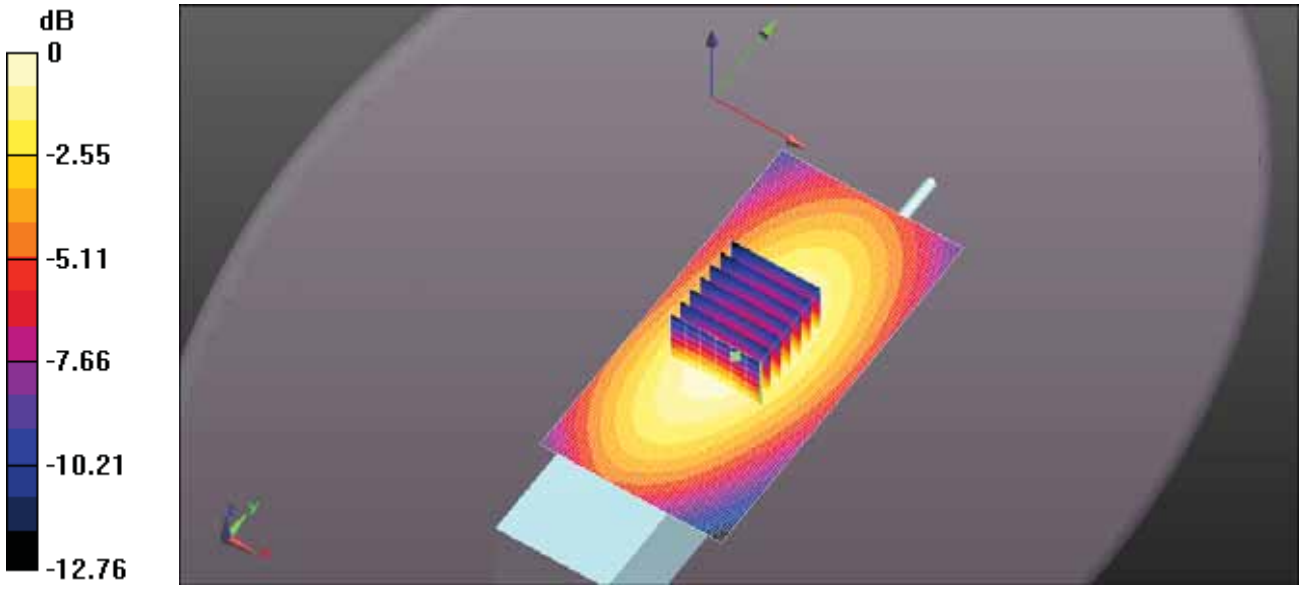
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 470 MHz; σ = 0.98 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.60 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 84.03 V/m; Power Drift = -0.46 dB
Peak SAR (extrapolated) = 8.80 W/kg
SAR(1 g) = 6.07 W/kg; SAR(10 g) = 4.39 W/kg
Maximum value of SAR (measured) = 6.85 W/kg



0 dB = 7.60 W/kg = 8.81 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 142MM 400MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

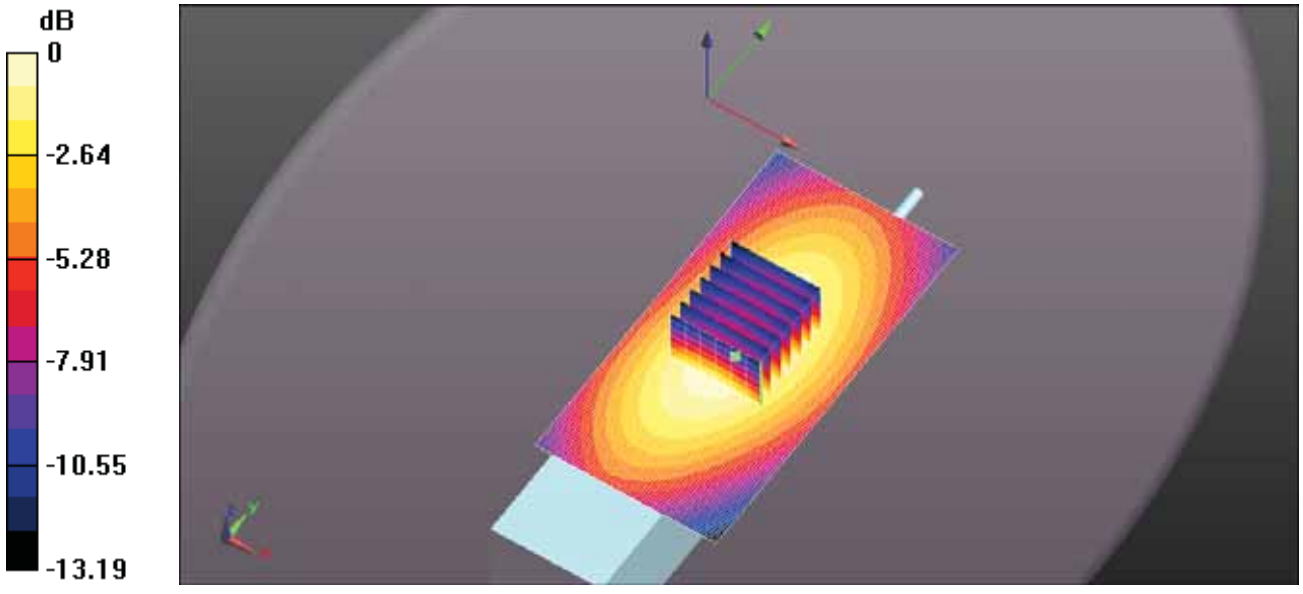
Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1
Medium parameters used: f = 400 MHz; σ = 0.92 S/m; ε_r = 56.54; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.38 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.84 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.53 W/kg
Maximum value of SAR (measured) = 2.38 W/kg



0 dB = 2.38 W/kg = 3.77 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 142MM 420MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

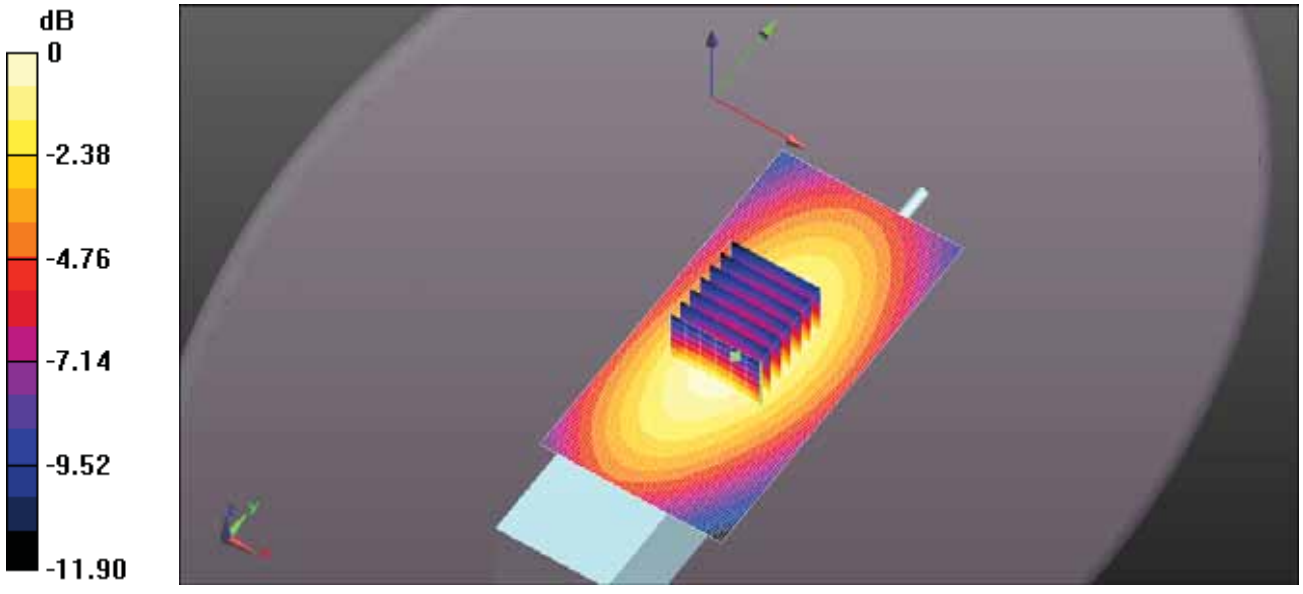
Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 420 MHz; σ = 0.936 S/m; ε_r = 56.176; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.36 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 66.17 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 5.52 W/kg
SAR(1 g) = 3.83 W/kg; SAR(10 g) = 2.78 W/kg
Maximum value of SAR (measured) = 4.32 W/kg



0 dB = 4.36 W/kg = 6.40 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 142MM 440MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

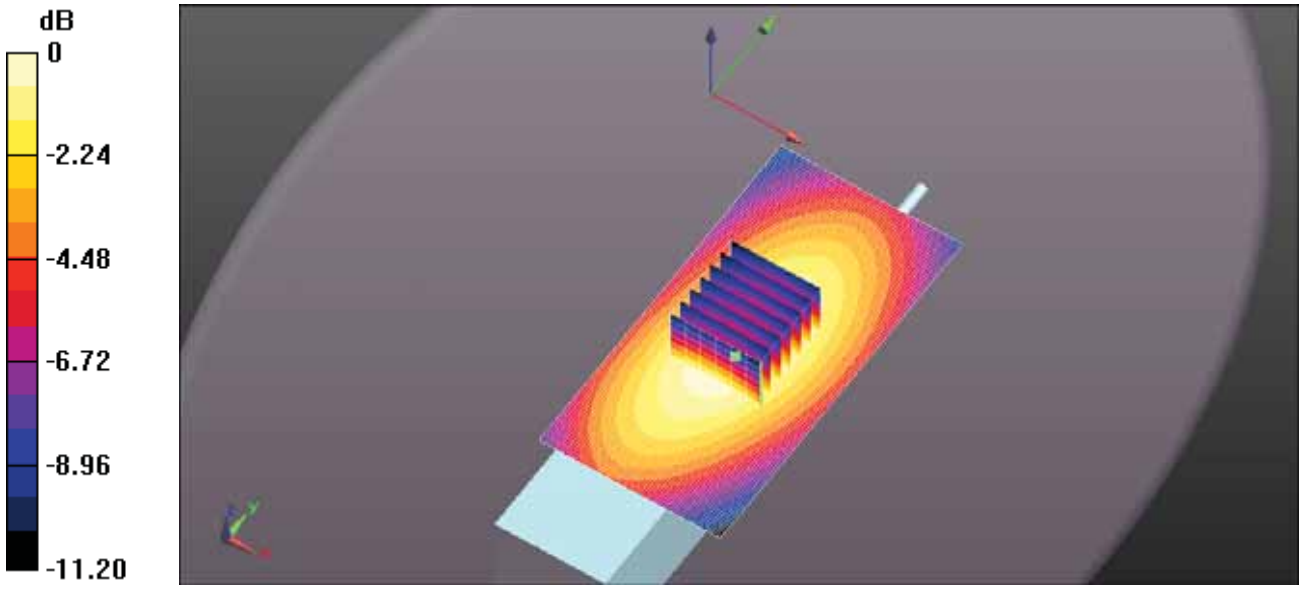
Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 440 MHz; σ = 0.952 S/m; ε_r = 55.812; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.89 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 76.55 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 7.44 W/kg
SAR(1 g) = 5.17 W/kg; SAR(10 g) = 3.76 W/kg
Maximum value of SAR (measured) = 5.83 W/kg



0 dB = 5.89 W/kg = 7.70 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-488Q FA-SC61UC 142MM 460MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

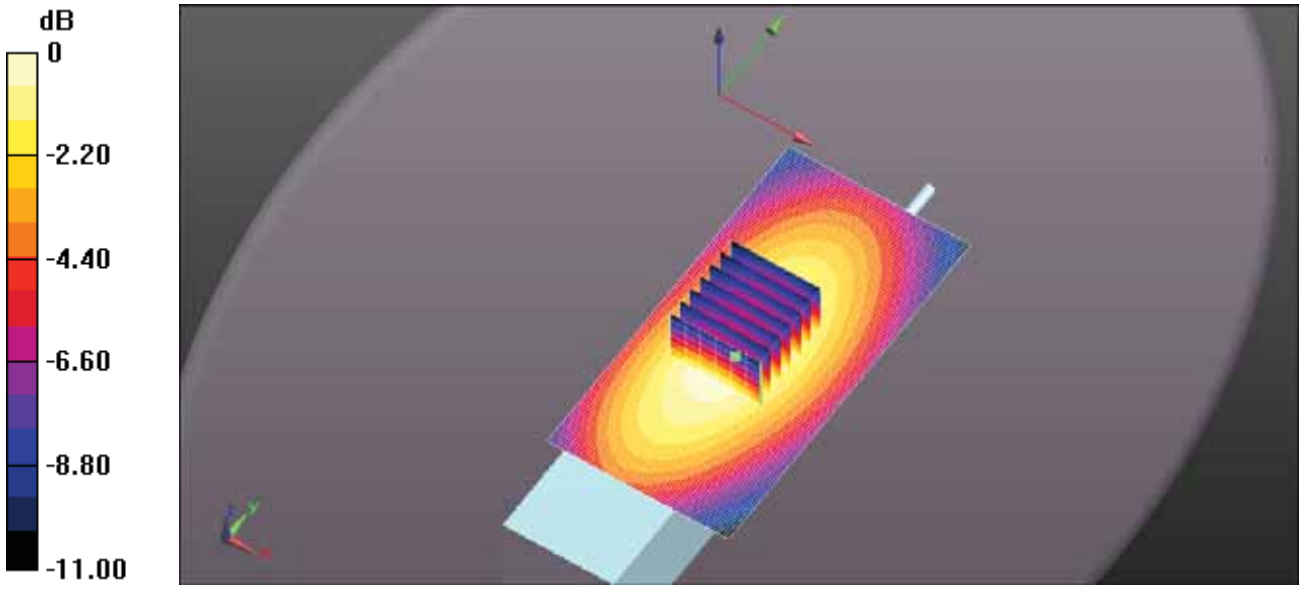
Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 460 MHz; σ = 0.97 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.39 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 83.47 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 9.38 W/kg
SAR(1 g) = 6.49 W/kg; SAR(10 g) = 4.69 W/kg
Maximum value of SAR (measured) = 7.33 W/kg



0 dB = 7.39 W/kg = 8.69 dBW/kg

FILE NAME: ICOM-488Q FA-SC61UC 142MM 470MHZ.DA52:0

DUT: IC-F2100DT; Type: UHF Transceiver; Serial: 32000226-2

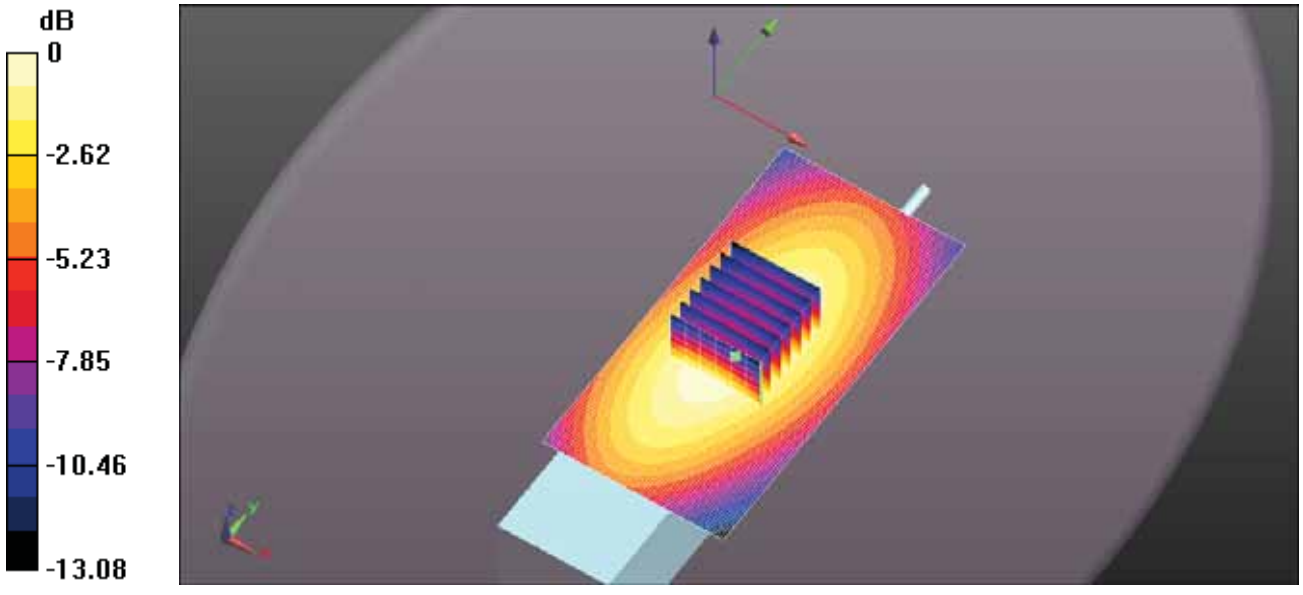
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 470 MHz; σ = 0.98 S/m; ε_r = 55.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.08, 7.08, 7.08); Calibrated: 3/13/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- 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-F2100D/Body Back, d=0mm/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.78 W/kg

Configuration_Body, IC-F2100D/Body Back, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.58 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 9.59 W/kg
SAR(1 g) = 6.6 W/kg; SAR(10 g) = 4.76 W/kg
Maximum value of SAR (measured) = 7.48 W/kg



0 dB = 7.78 W/kg = 8.91 dBW/kg