APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. PRESCAN BODY MEASUREMENT SUMMARY

With MB-33

Battery	Antenna	Power (dBm)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg) 3210mAh	Power Drift (dB)
BP-283	FA-S100U	34.75	11	860.05	7.79	0.00
BP-284		34.75	11	860.05	7.46	-0.08

With BP-84

Belt Clip	Antenna	Power (dBm)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg) BP-283 2010mAh	Power Drift (dB)
MB-133	FA-S100U	34.75	11	860.05	7.46	-0.08
MB-136		34.75	11	860.05	3.81	0.12
MB-96N		34.75	11	860.05	2.27	-0.09

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U 860.05MHZ MB-133 BP-283.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 860.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 860.05 MHz; σ = 0.999 S/m; ε_r = 53.676; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

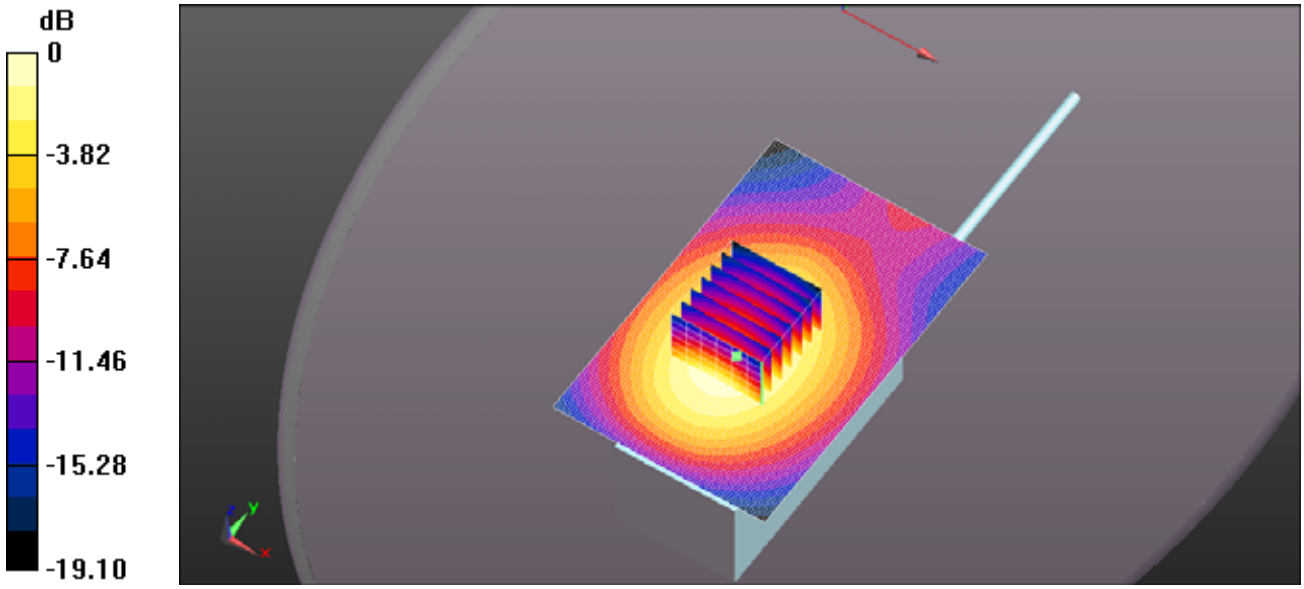
- Probe: ES3DV3 - SN3250; ConvF(6.38, 6.38, 6.38); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.31 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 33.44 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 7.79 W/kg; SAR(10 g) = 5.67 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.83 W/kg



0 dB = 8.31 W/kg = 9.20 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 860.05MHZ MB-133.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 860.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 860.05 MHz; σ = 0.999 S/m; ε_r = 53.676; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

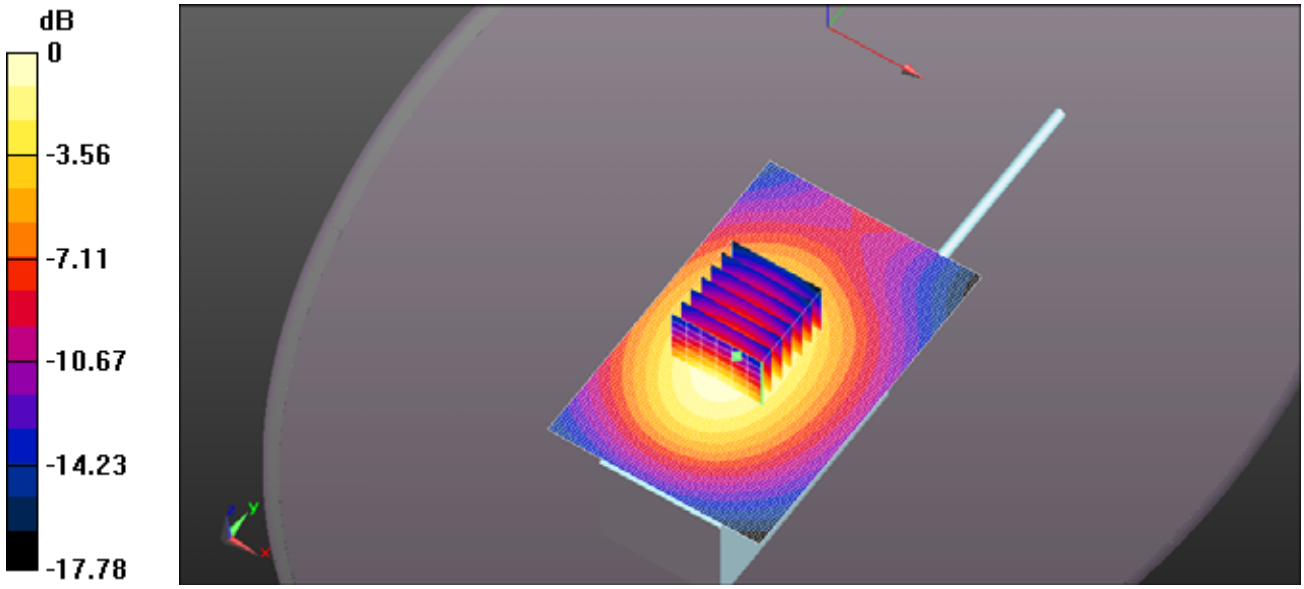
- Probe: ES3DV3 - SN3250; ConvF(6.38, 6.38, 6.38); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.83 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.87 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 8.85 W/kg
SAR(1 g) = 6.64 W/kg; SAR(10 g) = 4.78 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.67 W/kg



0 dB = 6.83 W/kg = 8.34 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 860.05MHZ MB-136.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 860.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 860.05 MHz; σ = 0.999 S/m; ε_r = 53.676; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

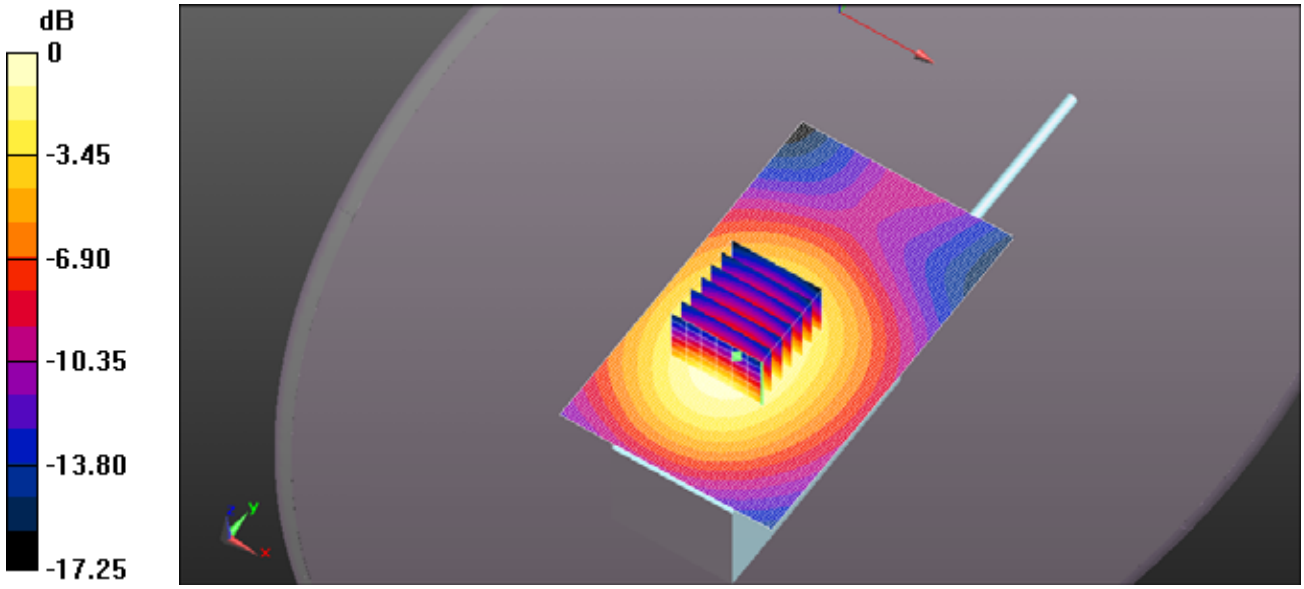
- Probe: ES3DV3 - SN3250; ConvF(6.38, 6.38, 6.38); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.05 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.87 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 5.02 W/kg
SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.8 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.81 W/kg



0 dB = 4.05 W/kg = 6.07 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 860.05MHZ MB-96N.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 860.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 860.05 MHz; σ = 0.999 S/m; ε_r = 53.676; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

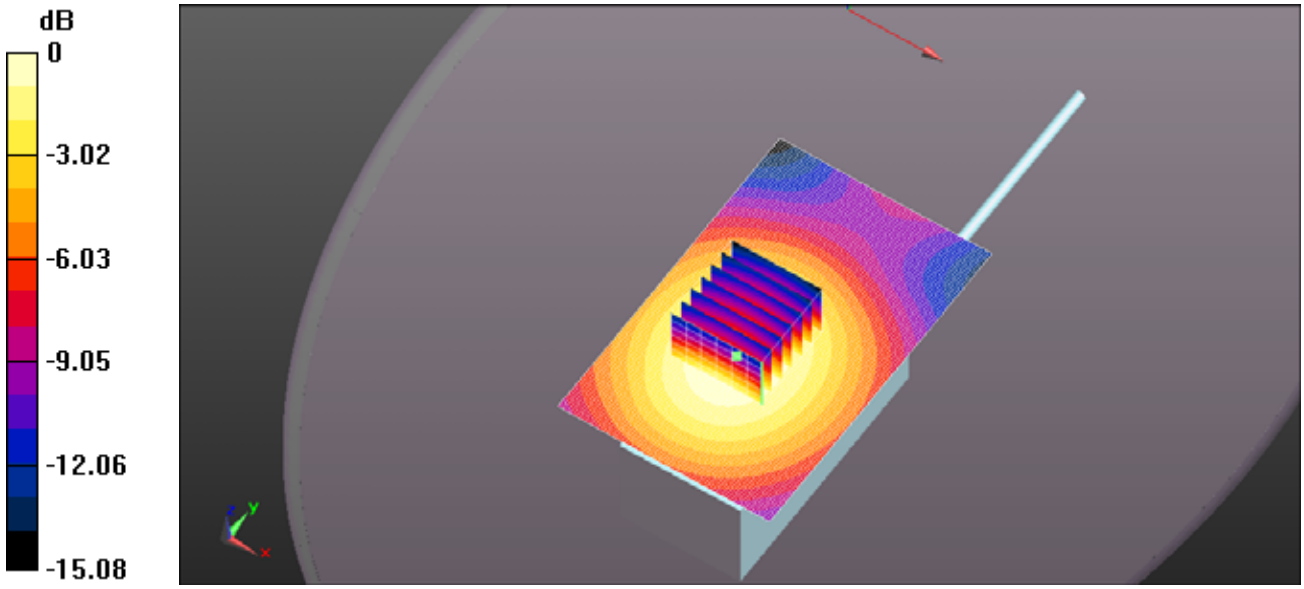
- Probe: ES3DV3 - SN3250; ConvF(6.38, 6.38, 6.38); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.34 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.47 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.99 W/kg
SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.69 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.28 W/kg



0 dB = 2.34 W/kg = 3.70 dBW/kg

EXHIBIT 2. HEAD SAR MEASUREMENTS

Antenna	Power (dBm)	CH	CH. Freq (MHz)	HEAD SAR1g (W/Kg) BP-284 3210 mAh	Power Drift (dB)
FA-S100U	34.24	1	769.05	2.04	0.00
FA-S100U	34.23	2	772.1	2.12	-0.11
FA-S100U	34.17	3	774.95	2.28	-0.09
FA-S100U	34.15	4	799.05	1.94	-0.01
FA-S100U	34.19	5	802.1	1.83	-0.08
FA-S100U	34.13	6	804.95	1.91	-0.10
FA-S100U	34.7	7	806.05	2.13	-0.11
FA-S100U	34.7	8	815.05	1.88	-0.14
FA-S100U	34.67	9	823.95	1.77	-0.03
FA-S100U	34.73	10	851.05	1.42	-0.13
FA-S100U	34.75	11	860.05	1.48	0.06
FA-S100U	37.71	12	868.95	1.52	-0.04

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 769.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 769.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 769.05 MHz; σ = 0.846 S/m; ε_r = 43.005; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

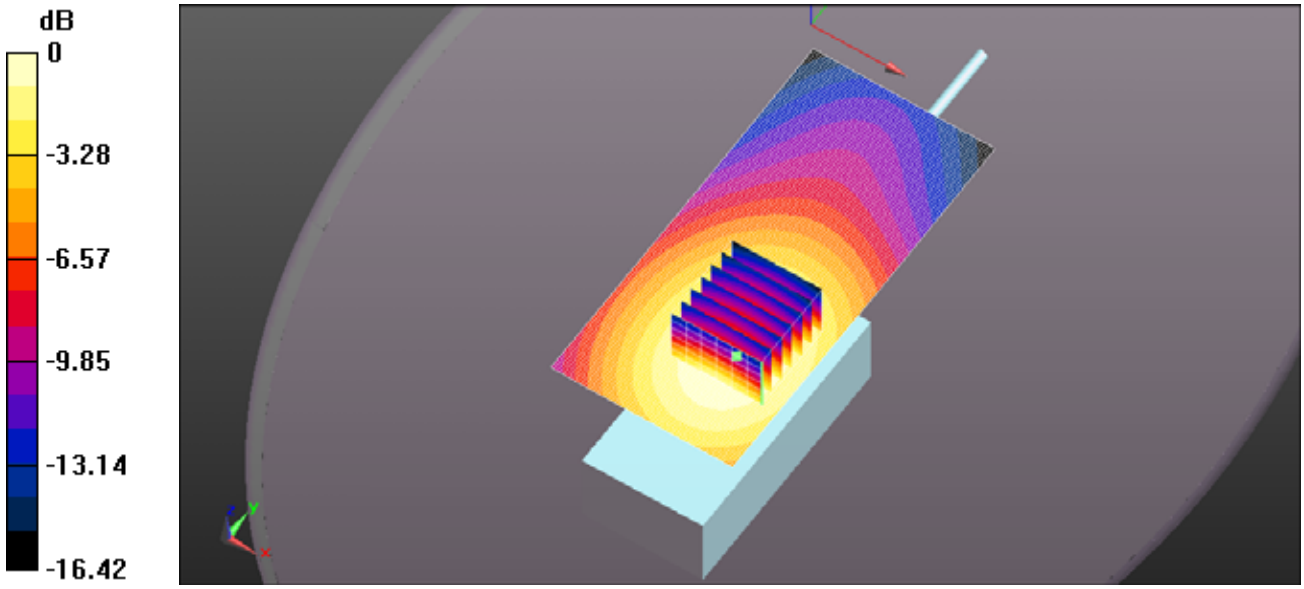
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

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

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.19 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.84 W/kg
SAR(1 g) = 4.07 W/kg; SAR(10 g) = 3.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.89 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 772.1MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 772.1 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 772.1 MHz; σ = 0.849 S/m; ε_r = 42.969; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

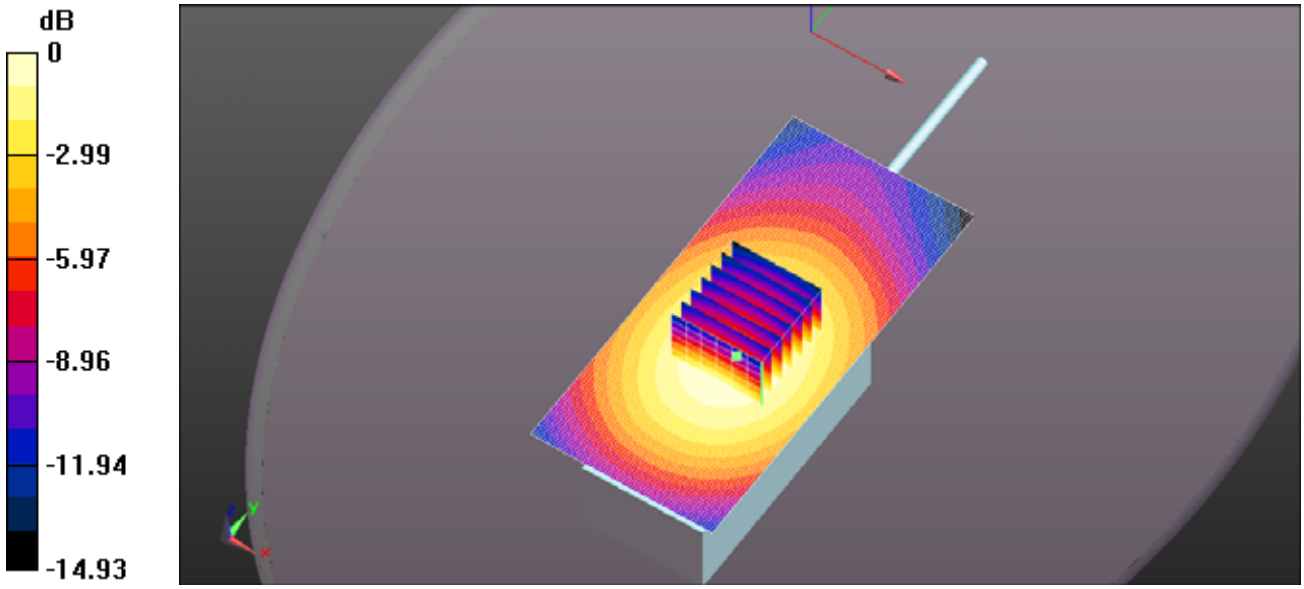
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.16 W/kg

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.79 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 5.03 W/kg
SAR(1 g) = 4.23 W/kg; SAR(10 g) = 3.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.04 W/kg



0 dB = 4.16 W/kg = 6.20 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 774.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 774.95 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 774.95 MHz; σ = 0.853 S/m; ε_r = 42.928; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

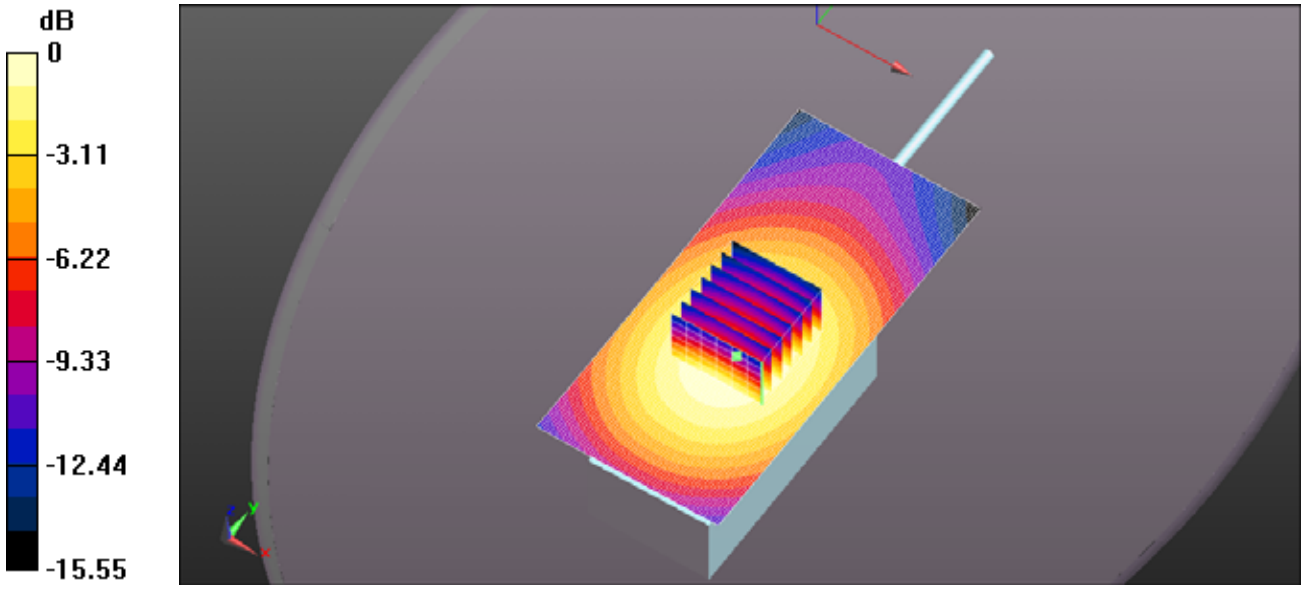
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.61 W/kg

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.81 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 5.45 W/kg
SAR(1 g) = 4.56 W/kg; SAR(10 g) = 3.43 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.36 W/kg



0 dB = 4.61 W/kg = 6.64 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 799.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 799.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 799.05 MHz; σ = 0.882 S/m; ε_r = 42.705; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

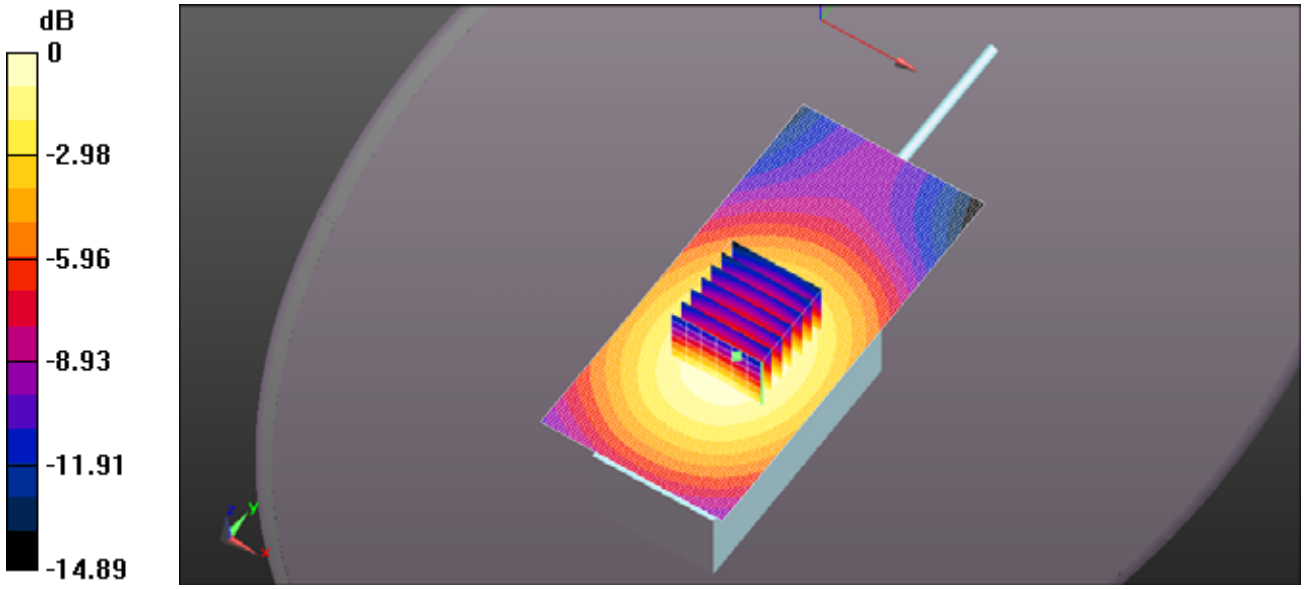
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

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

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.97 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.77 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 2.91 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.80 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 802.1MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 802.1 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 802.1 MHz; σ = 0.885 S/m; ε_r = 42.682; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

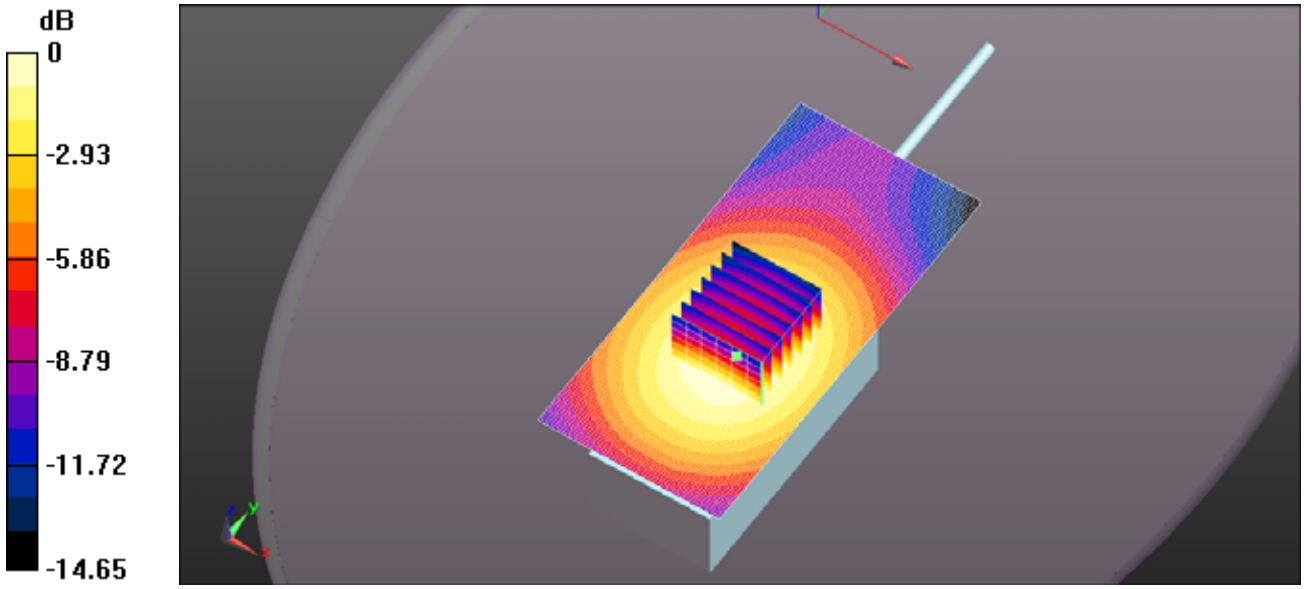
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.85 W/kg

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.96 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.53 W/kg
SAR(1 g) = 3.65 W/kg; SAR(10 g) = 2.73 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.61 W/kg



0 dB = 3.85 W/kg = 5.85 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 804.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 804.95 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 804.95 MHz; σ = 0.889 S/m; ε_r = 42.662; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

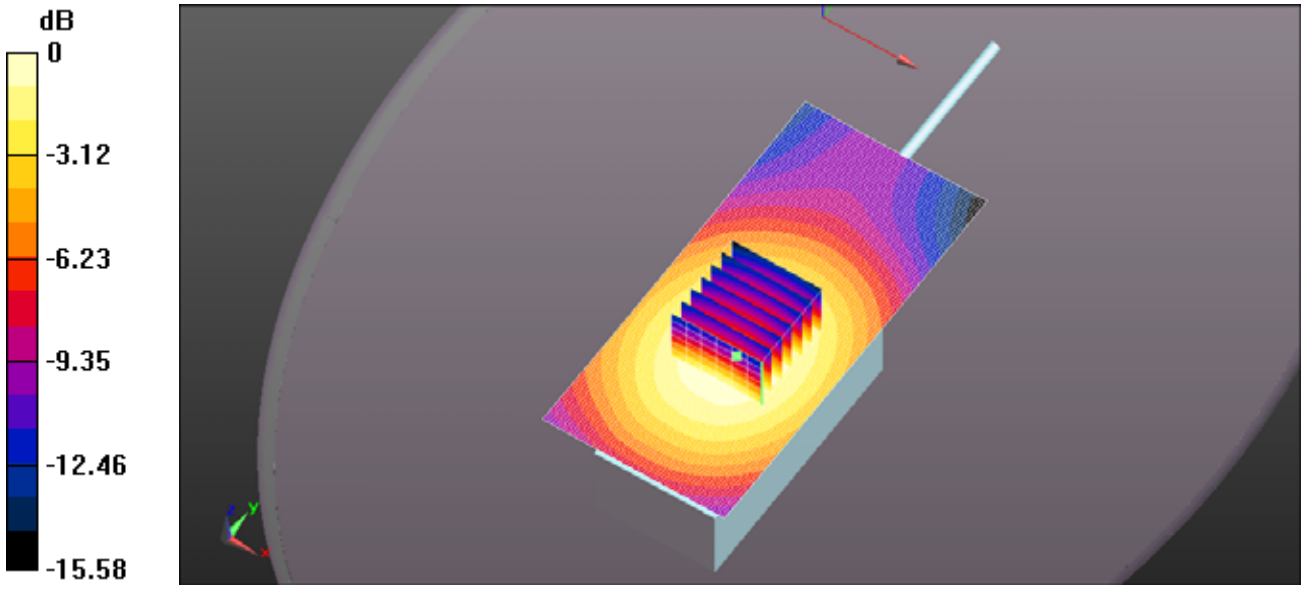
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

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

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.60 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.74 W/kg
SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.86 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.74 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 806.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 806.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 806.05 MHz; σ = 0.89 S/m; ε_r = 42.655; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

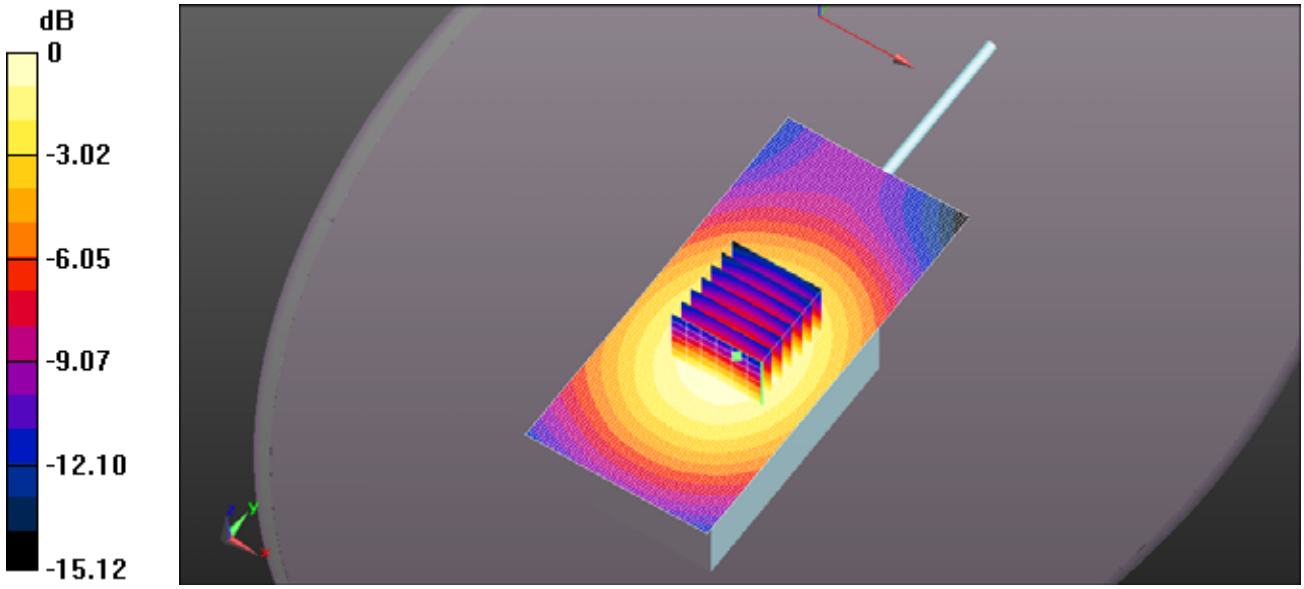
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.55 W/kg

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.09 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 5.30 W/kg
SAR(1 g) = 4.26 W/kg; SAR(10 g) = 3.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.21 W/kg



0 dB = 4.55 W/kg = 6.58 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 815.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 815.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 815.05 MHz; σ = 0.899 S/m; ε_r = 42.594; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

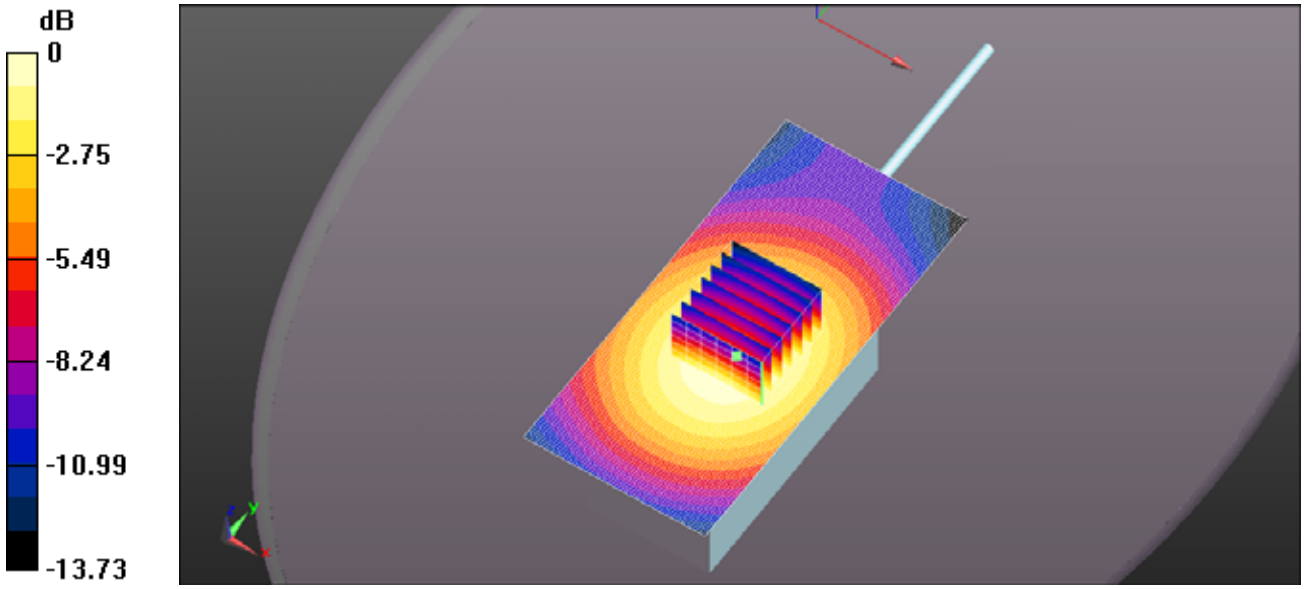
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

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

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.43 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 4.70 W/kg
SAR(1 g) = 3.75 W/kg; SAR(10 g) = 2.81 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.73 W/kg



0 dB = 4.04 W/kg = 6.07 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 823.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 823.95 MHz; Duty Cycle: 1:1
Medium parameters used: f = 824.375 MHz; σ = 0.906 S/m; ε_r = 42.459; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

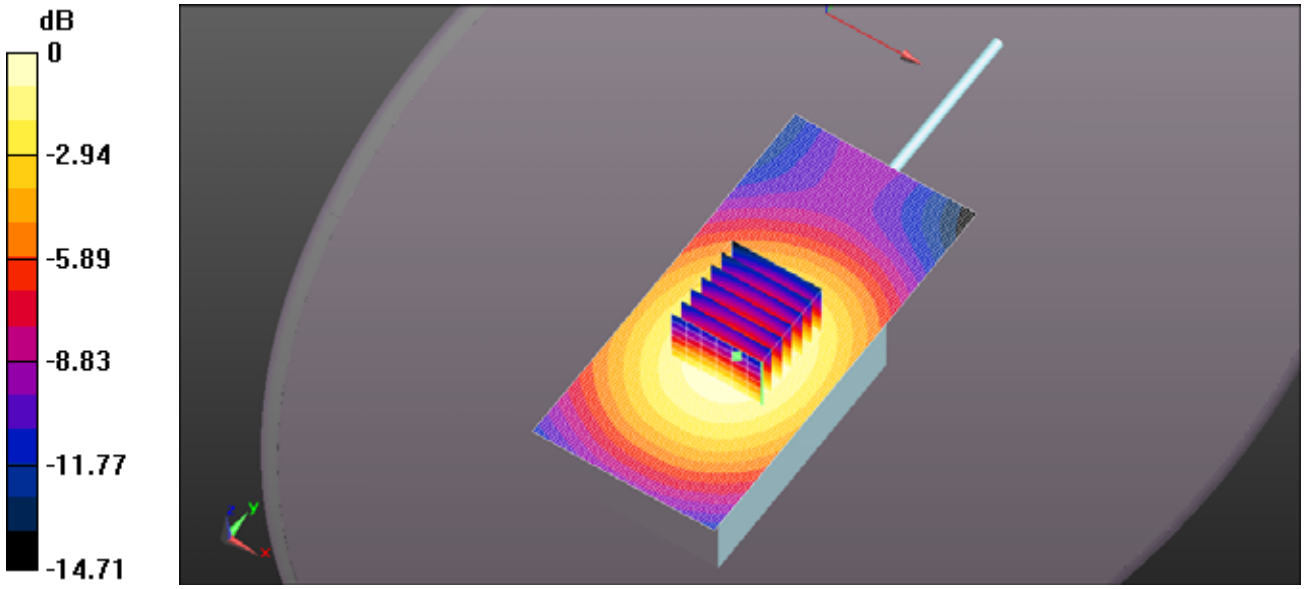
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.76 W/kg

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.03 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.50 W/kg
SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.53 W/kg



0 dB = 3.76 W/kg = 5.75 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 851.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 851.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 851.05 MHz; σ = 0.927 S/m; ε_r = 42.038; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

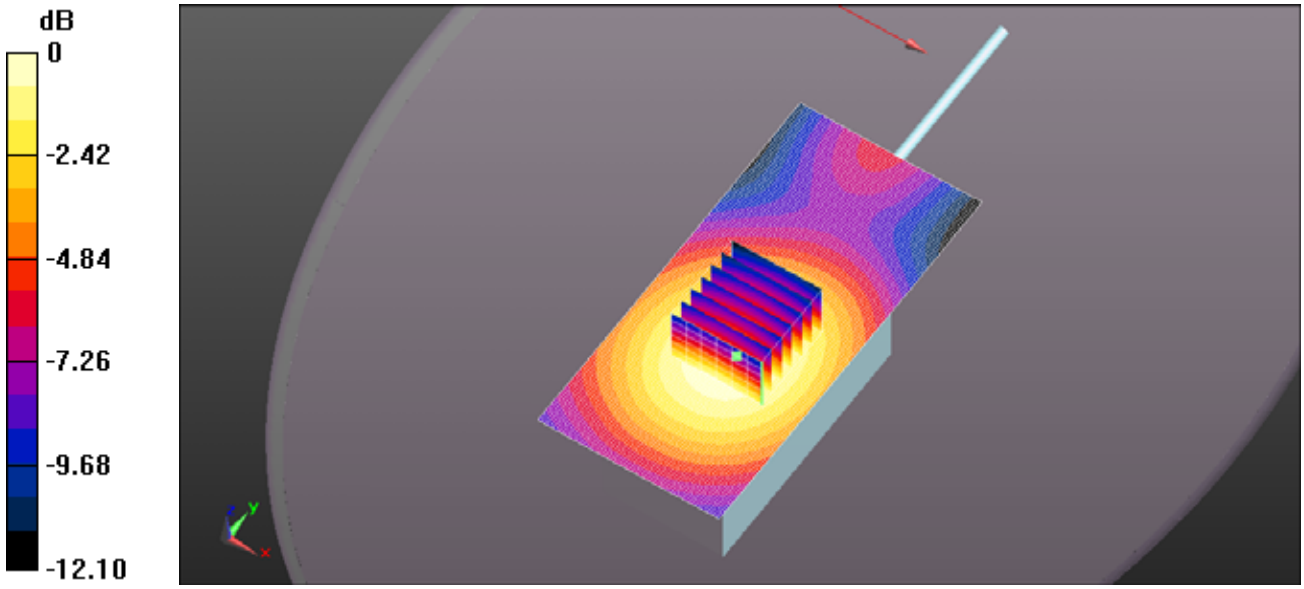
- Probe: ES3DV3 - SN3250; ConvF(6.75, 6.75, 6.75); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.98 W/kg

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.39 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 2.84 W/kg; SAR(10 g) = 2.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.85 W/kg



0 dB = 2.98 W/kg = 4.74 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 860.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 860.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 860.05 MHz; σ = 0.933 S/m; ε_r = 41.92; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

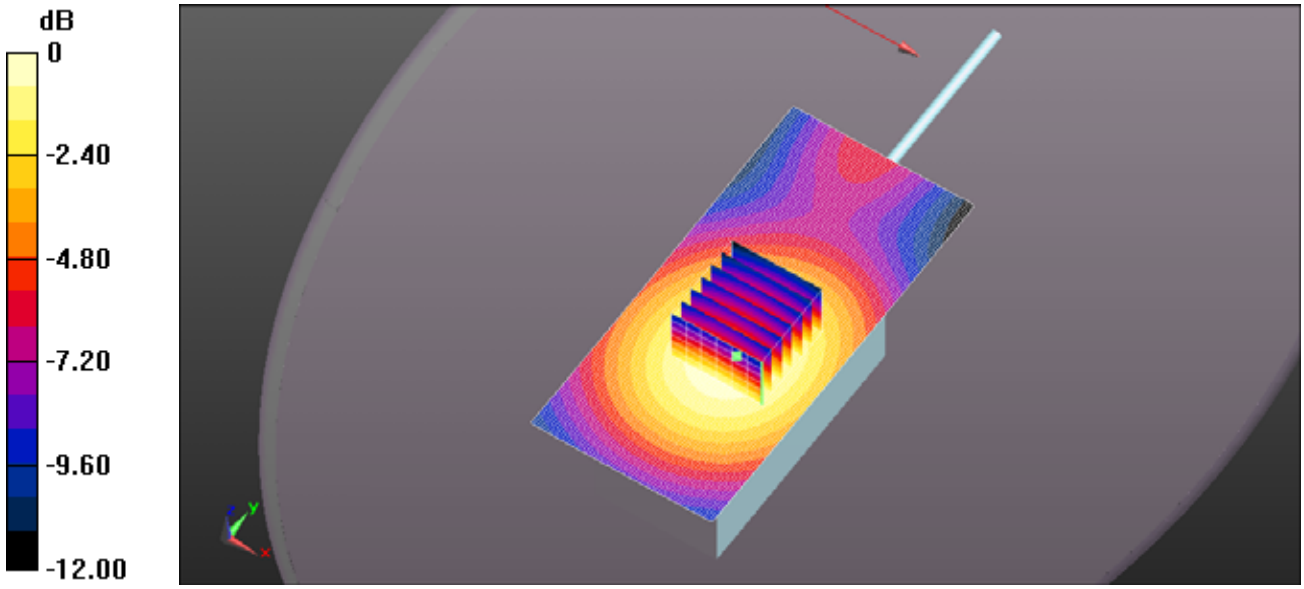
- Probe: ES3DV3 - SN3250; ConvF(6.49, 6.49, 6.49); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (61x131x1):

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

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.74 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.89 W/kg
SAR(1 g) = 2.96 W/kg; SAR(10 g) = 2.18 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.95 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q BP-284 FA-S100U 868.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 868.95 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 868.95 MHz; σ = 0.939 S/m; ε_r = 41.772; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

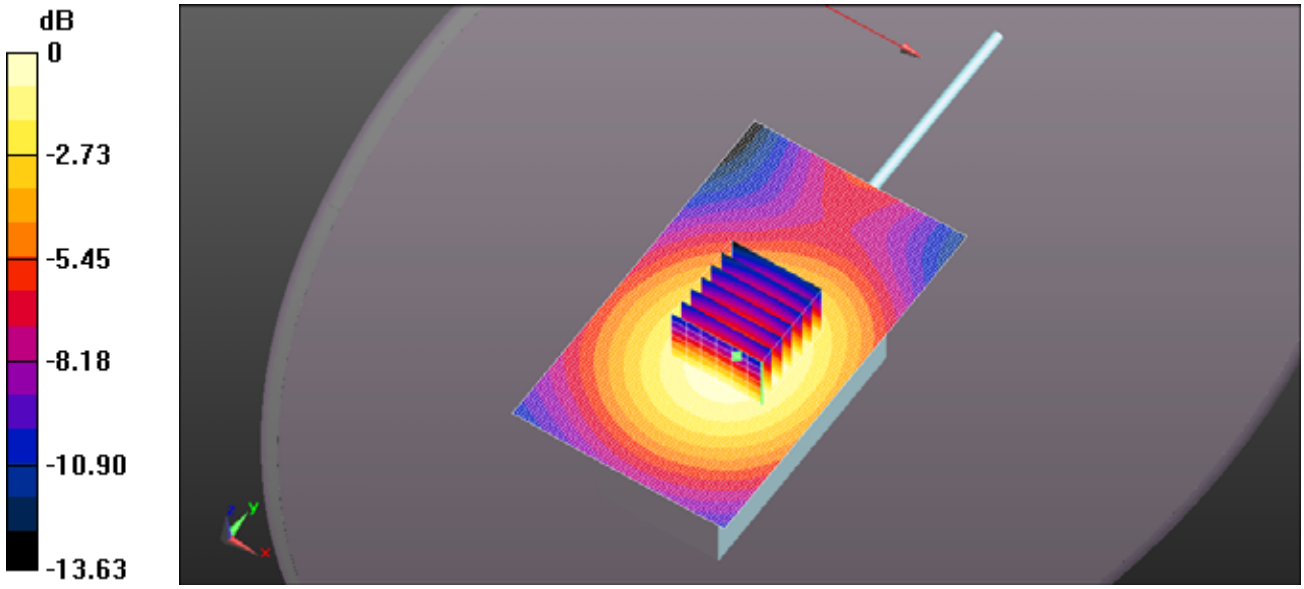
- Probe: ES3DV3 - SN3250; ConvF(6.49, 6.49, 6.49); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Area Scan (71x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.15 W/kg

Configuration_Head, IC-F7040T/Head Front, P=3W, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.26 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 4.04 W/kg
SAR(1 g) = 3.04 W/kg; SAR(10 g) = 2.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.00 W/kg



0 dB = 3.15 W/kg = 4.99 dBW/kg

EXHIBIT 3. BODY SAR MEASUREMENTS

Antenna	Power (dBm)	CH	CH. Freq (MHz)	Body SAR1g (W/Kg) BP-283 2010 mAh	Power Drift (dB)
FA-S100U	34.24	1	769.05	4.51	-0.06
FA-S100U	34.23	2	772.1	4.38	-0.01
FA-S100U	34.17	3	774.95	4.34	-0.08
FA-S100U	34.15	4	799.05	4.40	-0.10
FA-S100U	34.19	5	802.1	4.23	-0.08
FA-S100U	34.13	6	804.95	4.31	-0.06
FA-S100U	34.7	7	806.05	4.91	-0.11
FA-S100U	34.7	8	815.05	4.62	-0.16
FA-S100U	34.67	9	823.95	4.30	-0.10
FA-S100U	34.73	10	851.05	3.88	-0.03
FA-S100U	34.75	11	860.05	3.90	0.00
FA-S100U	37.71	12	868.95	3.80	-0.04

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 769.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 769.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 769.05 MHz; σ = 0.913 S/m; ε_r = 54.44; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

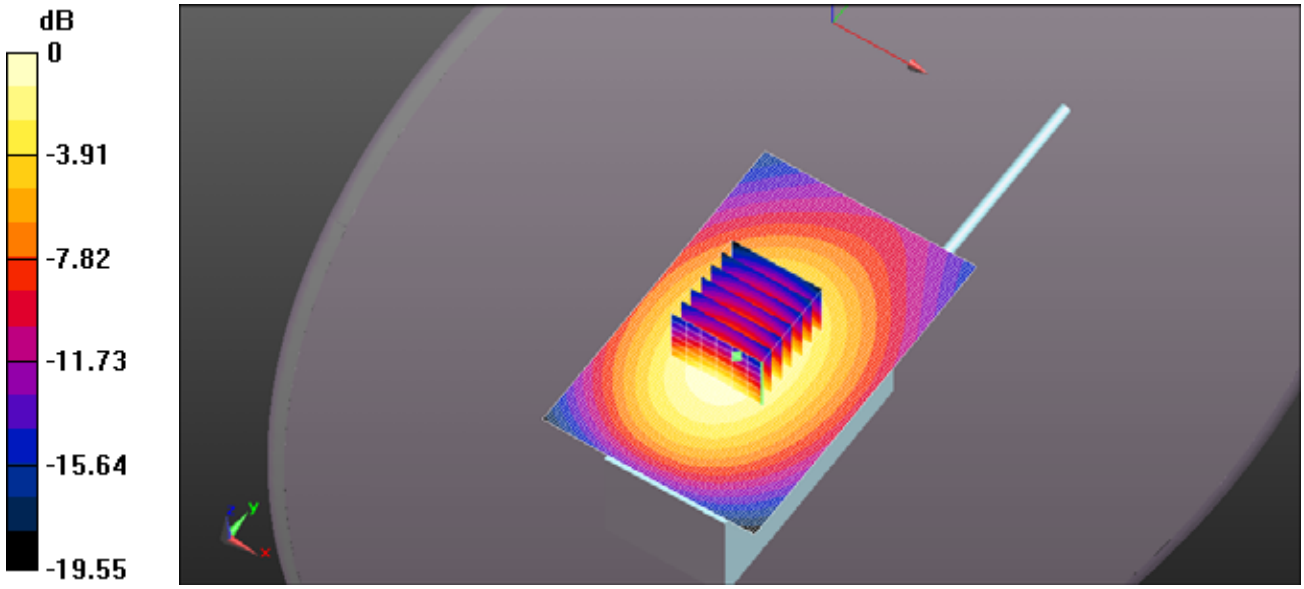
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.95 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.14 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 9.02 W/kg; SAR(10 g) = 6.65 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.69 W/kg



0 dB = 8.95 W/kg = 9.52 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 772.1MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 772.1 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 772.1 MHz; σ = 0.916 S/m; ε_r = 54.427; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

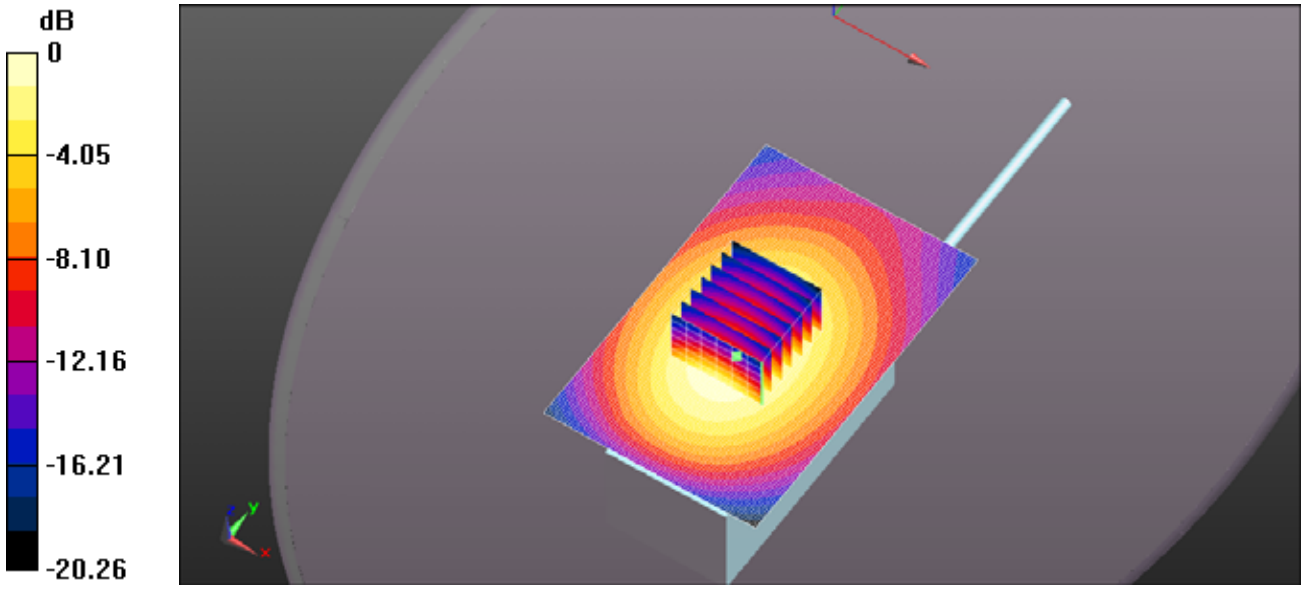
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.83 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.85 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 8.75 W/kg; SAR(10 g) = 6.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.45 W/kg



0 dB = 8.83 W/kg = 9.46 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 774.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 774.95 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 774.95 MHz; σ = 0.918 S/m; ε_r = 54.399; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

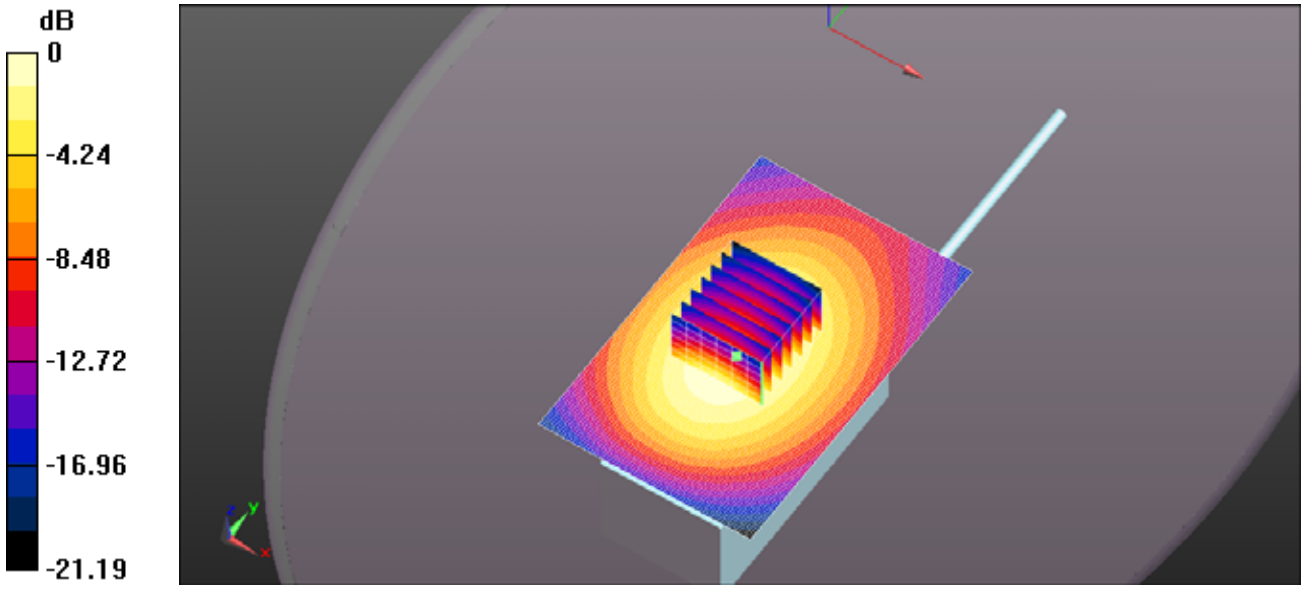
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.93 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.87 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 10.8 W/kg
SAR(1 g) = 8.67 W/kg; SAR(10 g) = 6.38 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.39 W/kg



0 dB = 8.93 W/kg = 9.51 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 799.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 799.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 799.05 MHz; σ = 0.941 S/m; ε_r = 54.204; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

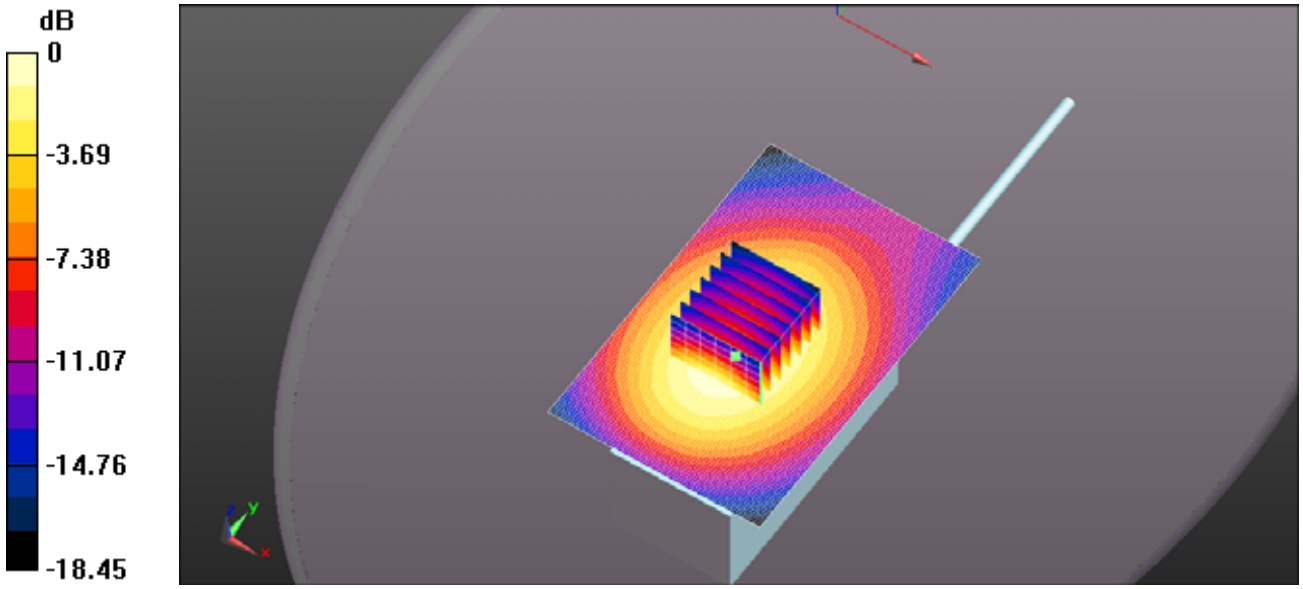
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.18 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.00 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 8.79 W/kg; SAR(10 g) = 6.46 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.67 W/kg



0 dB = 9.18 W/kg = 9.63 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 802.1MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 802.1 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 802.1 MHz; σ = 0.945 S/m; ε_r = 54.172; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

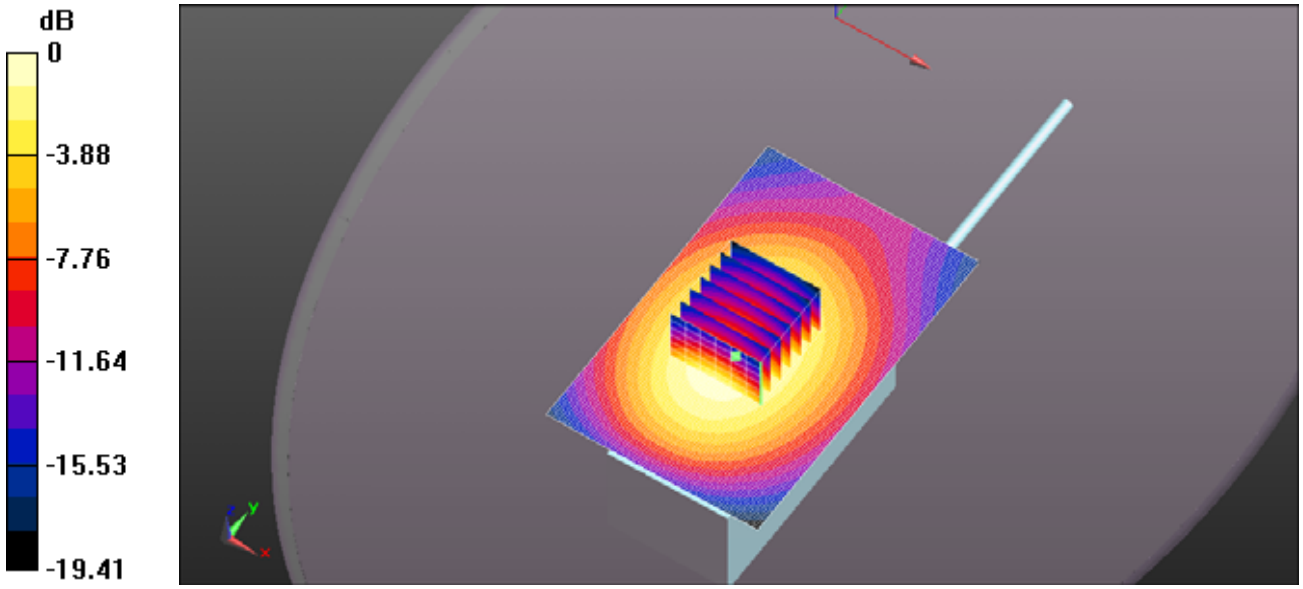
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.84 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.74 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 8.46 W/kg; SAR(10 g) = 6.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.37 W/kg



0 dB = 8.84 W/kg = 9.46 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 804.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 804.95 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 804.95 MHz; σ = 0.948 S/m; ε_r = 54.16; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

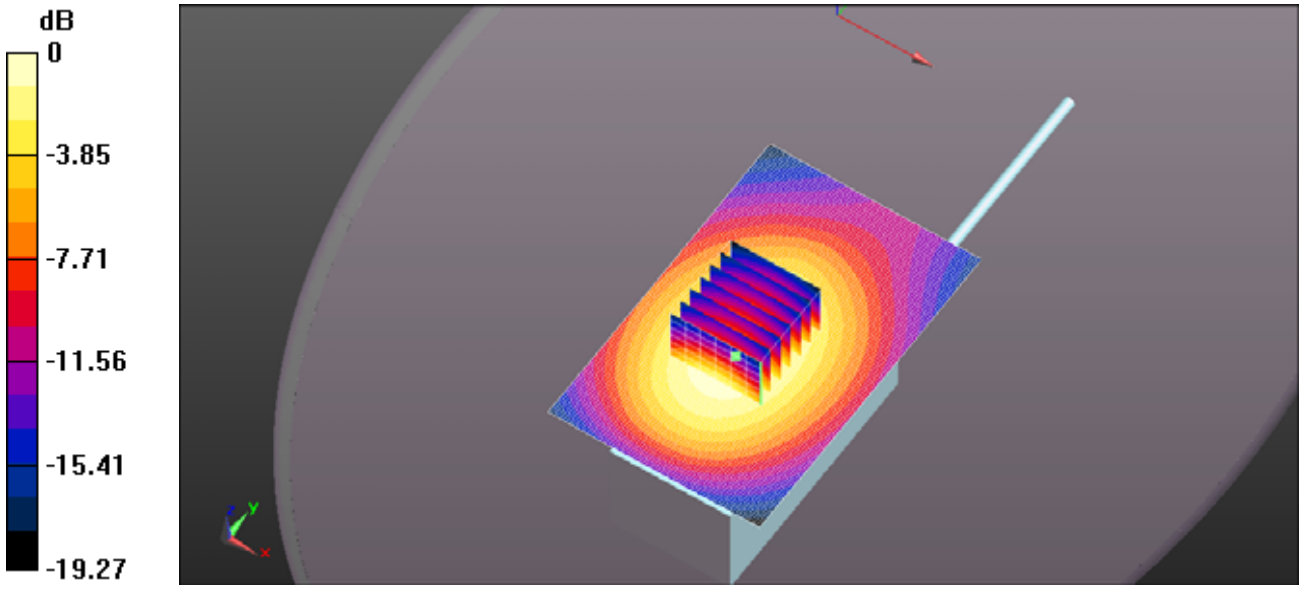
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.06 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.87 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 8.61 W/kg; SAR(10 g) = 6.33 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.52 W/kg



0 dB = 9.06 W/kg = 9.57 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 806.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 806.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 806.05 MHz; σ = 0.949 S/m; ε_r = 54.159; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

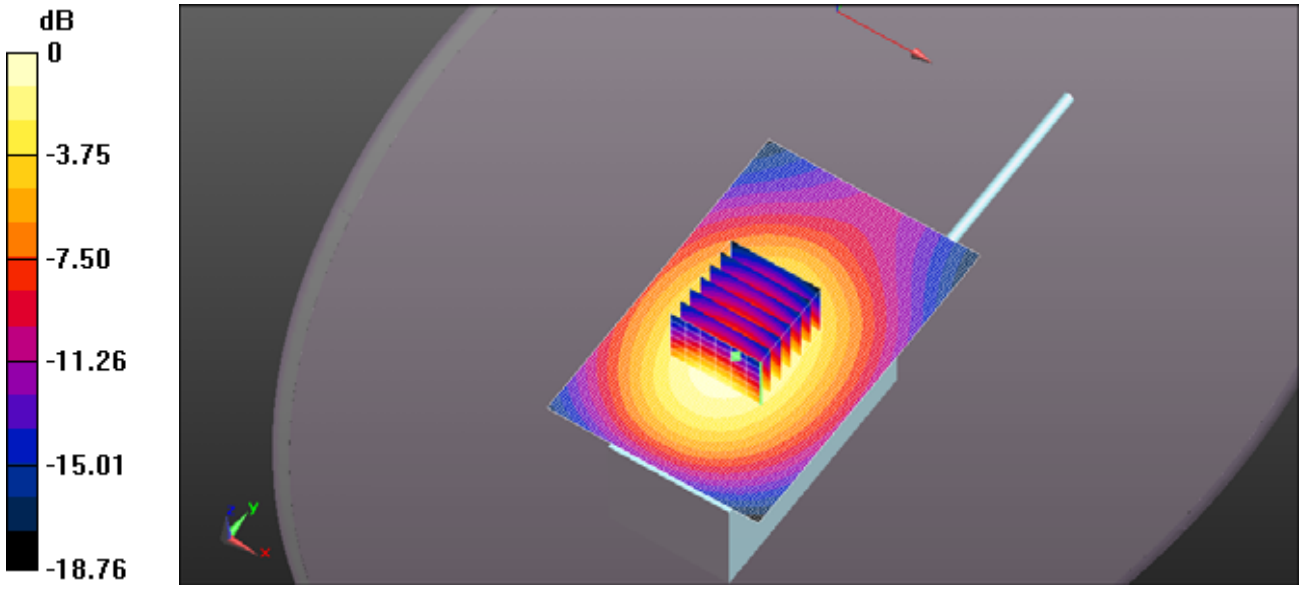
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 10.4 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.07 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 12.6 W/kg
SAR(1 g) = 9.81 W/kg; SAR(10 g) = 7.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.75 W/kg



0 dB = 10.4 W/kg = 10.16 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 815.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 815.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 815.05 MHz; σ = 0.959 S/m; ε_r = 54.064; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

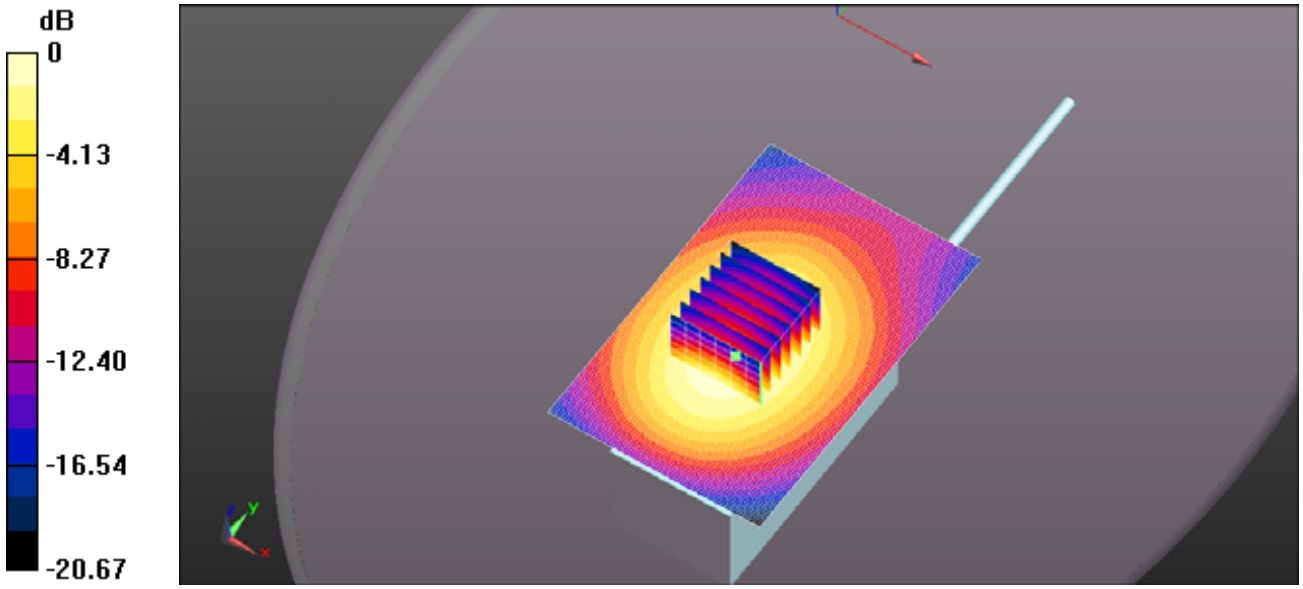
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.90 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.23 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 9.23 W/kg; SAR(10 g) = 6.78 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.21 W/kg



0 dB = 9.90 W/kg = 9.95 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 823.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 823.95 MHz; Duty Cycle: 1:1
Medium parameters used: f = 824.375 MHz; σ = 0.967 S/m; ε_r = 53.984; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

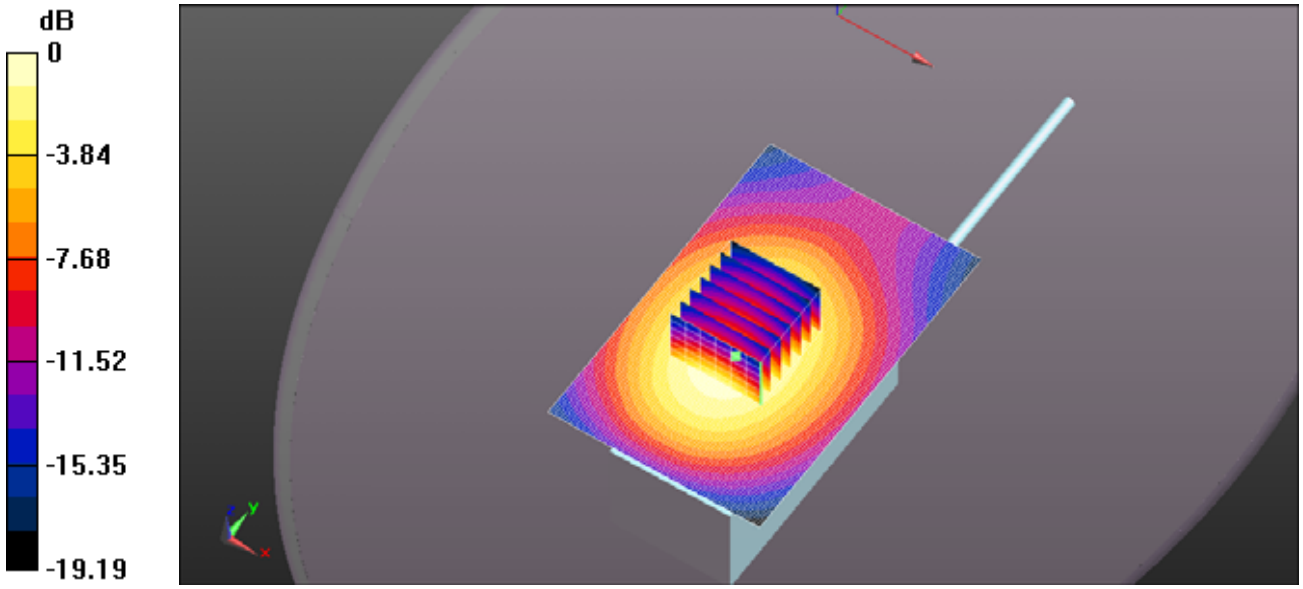
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.30 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.50 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 8.6 W/kg; SAR(10 g) = 6.32 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.62 W/kg



0 dB = 9.30 W/kg = 9.69 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 851.05MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 851.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 851.05 MHz; σ = 0.992 S/m; ε_r = 53.764; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

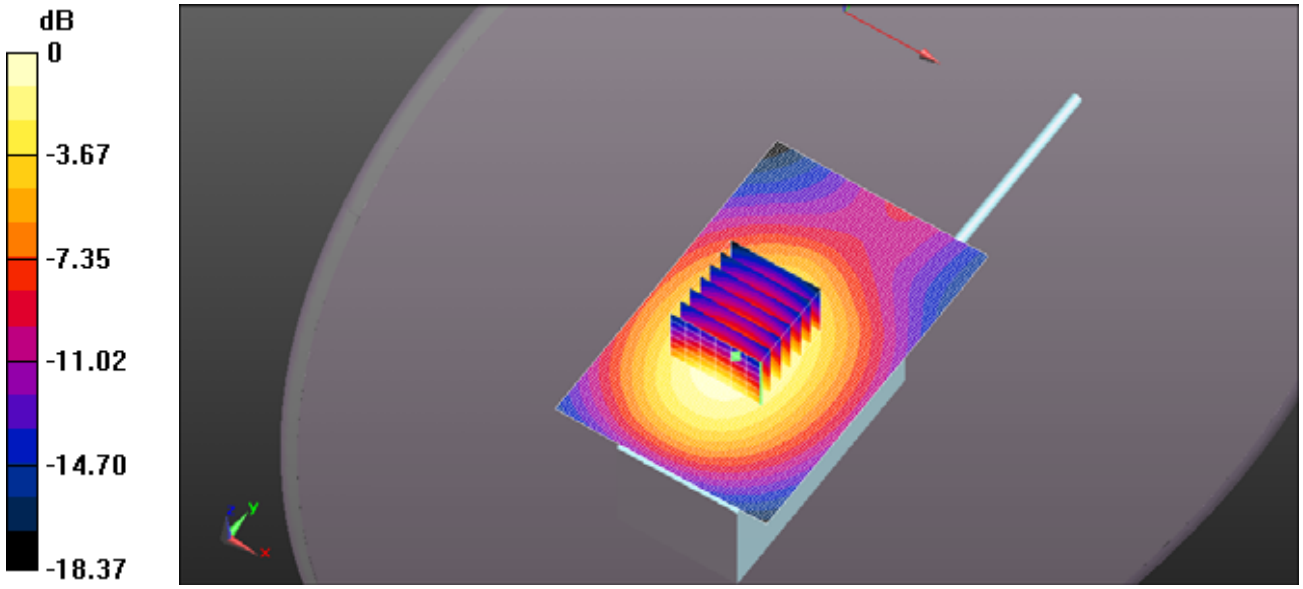
- Probe: ES3DV3 - SN3250; ConvF(6.32, 6.32, 6.32); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.16 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.19 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 7.76 W/kg; SAR(10 g) = 5.64 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.79 W/kg



0 dB = 8.16 W/kg = 9.12 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U 860.05MHZ MB-133 BP-283.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 860.05 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 860.05 MHz; σ = 0.999 S/m; ε_r = 53.676; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

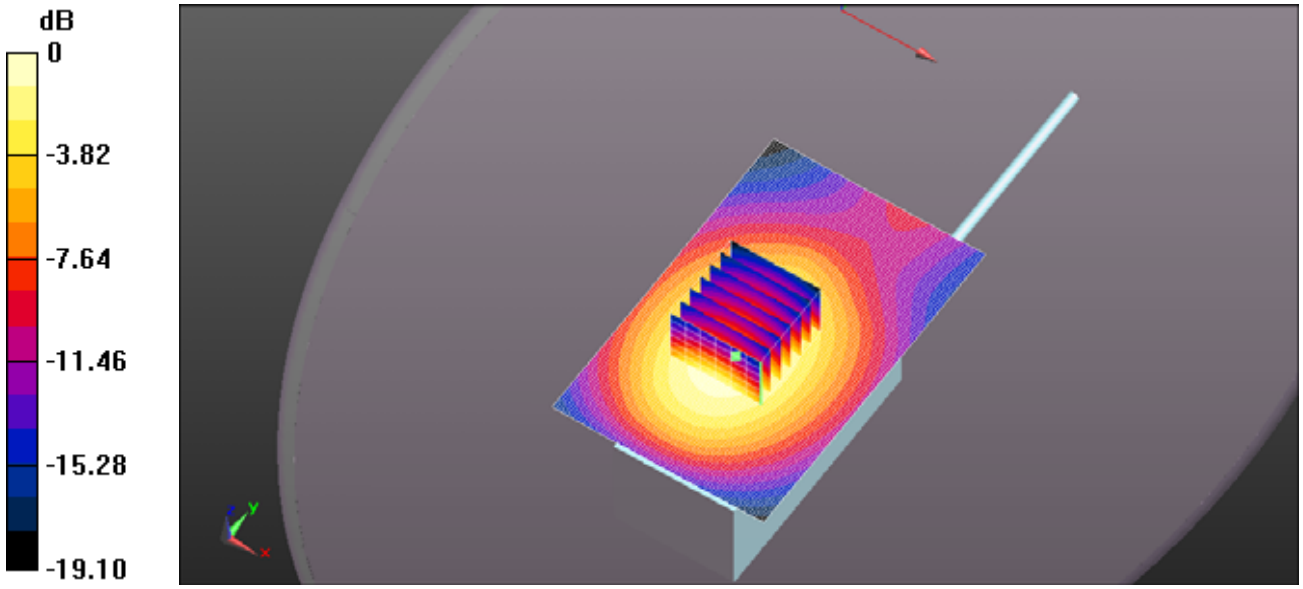
- Probe: ES3DV3 - SN3250; ConvF(6.38, 6.38, 6.38); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.31 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 33.44 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 7.79 W/kg; SAR(10 g) = 5.67 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.83 W/kg



0 dB = 8.31 W/kg = 9.20 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-485Q FA-S100U MB-133 BP-283 868.95MHZ.DA52:0

DUT: IC-F7040T; Type: UHF Transceiver; Serial: 00000305

Communication System: UID 0, CW (0); Frequency: 868.95 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 868.95 MHz; σ = 1.005 S/m; ε_r = 53.602; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

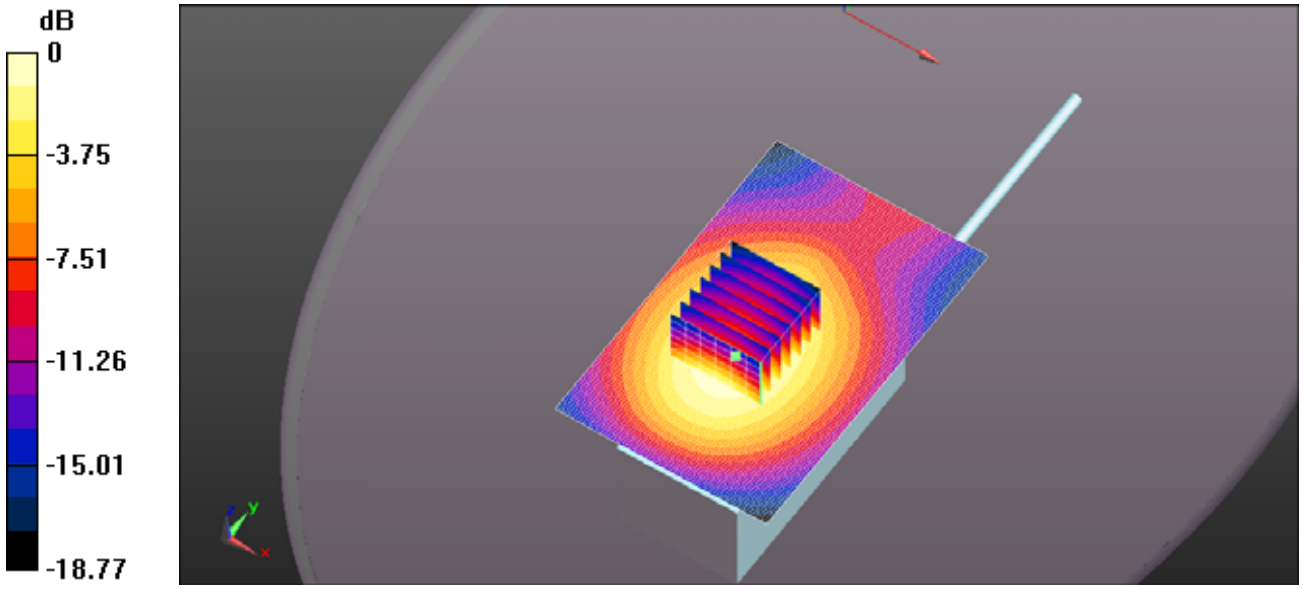
- Probe: ES3DV3 - SN3250; ConvF(6.38, 6.38, 6.38); Calibrated: 3/13/2018;
- Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Area Scan (71x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.01 W/kg

Configuration_Body, IC-F7040T/Body Back, P=3W, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 33.64 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 9.94 W/kg
SAR(1 g) = 7.59 W/kg; SAR(10 g) = 5.51 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.59 W/kg



0 dB = 8.01 W/kg = 9.04 dBW/kg