

# APPENDIX 1

## SAR Measurement Data

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**EXHIBIT 1. PRESCAN MEASUREMENT SUMMARY**

MB-133

Battery	Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
					BP-284	BP-284
				(MHz)	2010mAh	2010mAh
BP-283	FA-S82U 430-480 MHz	37.21	7	450	7.41	5.43
BP-284		37.21	7	450	7.63	5.53

BP-283

Belt Clip	Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
					BP-284	BP-284
				(MHz)	2010mAh	2010mAh
MB-133	FA-S82U 430-480 MHz	37.21	7	450	7.41	5.43
MB-136		37.21	7	450	5.01	3.74



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S82U 450MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 57.863$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.44 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

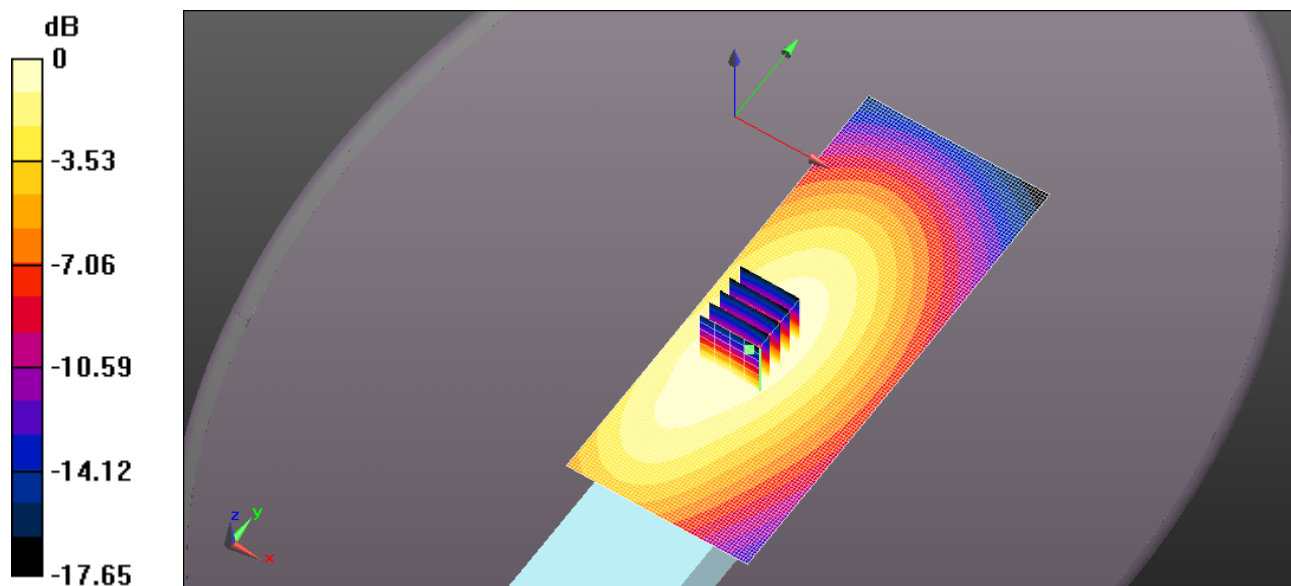
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 94.97 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 7.41 W/kg; SAR(10 g) = 5.43 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.33 W/kg



0 dB = 8.44 W/kg = 9.26 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S82U 450MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 450 \text{ MHz}$ ;  $\sigma = 0.945 \text{ S/m}$ ;  $\epsilon_r = 57.863$ ;  $\rho = 1000 \text{ kg/m}^3$ ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.61 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

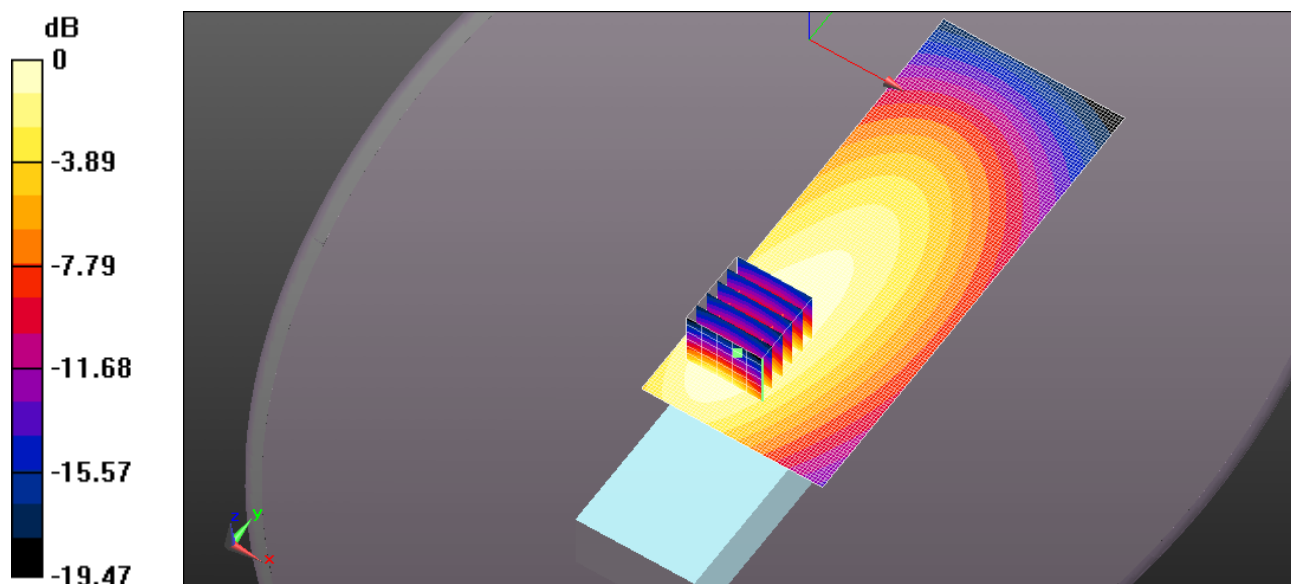
**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 91.13 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 7.63 W/kg; SAR(10 g) = 5.53 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.60 W/kg



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

Test Laboratory: Ultratech Group of Labs

*FILE NAME:* [ICOM-430Q BP-283 FA-S82U 450MHZ MB-136.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 57.863$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.64 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

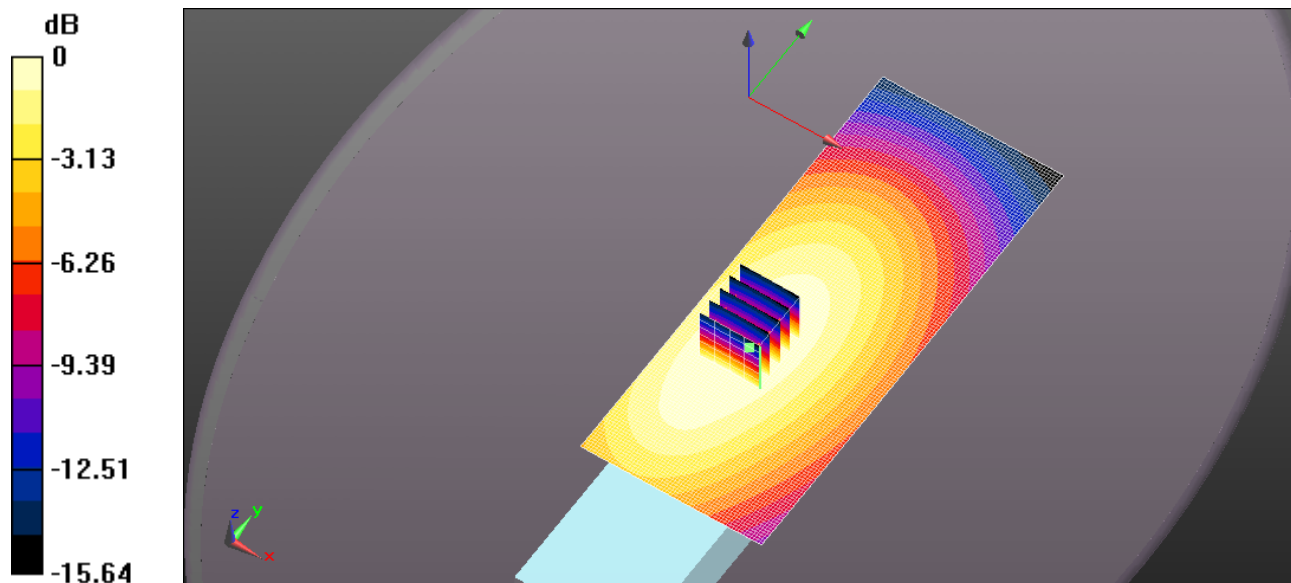
Reference Value = 78.97 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.94 W/kg

**SAR(1 g) = 5.01 W/kg; SAR(10 g) = 3.74 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.61 W/kg





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

## EXHIBIT 2. HEAD SAR MEASUREMENT SUMMARY

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	3210mAh	3210mAh
FA-S81U 380-430 MHz	37.17	1	400	3.61	2.73
	37.19	3	415	2.77	2.08
	37.19	5	430	1.83	1.37

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	3210mAh	3210mAh
FA-S82U 430-480 MHz	37.19	5	430	6.38	4.83
	37.21	7	450	4.94	3.70
	37.18	9	470	2.99	2.23

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-284	BP-284

			(MHz)	3210mAh	3210mAh
FA-S81US 400-450 MHz	37.17	1	400	3.72	2.82
	37.22	2	412.5	4.45	3.28
	37.20	4	425	4.15	3.13
	37.21	6	437.5	2.31	1.74
	37.21	7	450	1.16	0.87

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	3210mAh	3210mAh
FA-S82US 450-490 MHz	37.21	7	450	3.08	2.29
	37.24	8	460	3.89	2.91
	37.18	9	470	3.77	2.80

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
			(MHz)	BP-284	BP-284
				3210mAh	3210mAh
FA-S76UC 400-470 MHz 165mm	37.17	1	400	6.72	5.00
	37.16	10	420	6.74	5.01
	37.17	11	440	5.53	4.10
	37.24	8	460	4.01	2.97
	37.18	9	470	3.67	2.70

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
			(MHz)	BP-284	BP-284
				3210mAh	3210mAh
FA-S76UC 400-470 MHz 156mm	37.17	1	400	5.87	4.39
	37.16	10	420	6.74	4.70
	37.17	11	440	6.15	4.59
	37.24	8	460	4.97	3.70
	37.18	9	470	4.49	3.33

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
			(MHz)	BP-284	BP-284
				3210mAh	3210mAh
FA-S76UC 400-470 MHz 148mm	37.17	1	400	5.38	4.00
	37.16	10	420	5.55	4.07
	37.17	11	440	5.02	3.65
	37.24	8	460	5.19	3.86
	37.18	9	470	4.96	3.69

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
			(MHz)	BP-284	BP-284
				3210mAh	3210mAh
FA-S76UC 400-470 MHz 142mm	37.17	1	400	4.15	3.12
	37.16	10	420	4.69	3.55
	37.17	11	440	5.21	3.37
	37.24	8	460	4.65	3.48
	37.18	9	470	4.74	3.54



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S81U 400MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.786$  S/m;  $\epsilon_r = 45.868$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

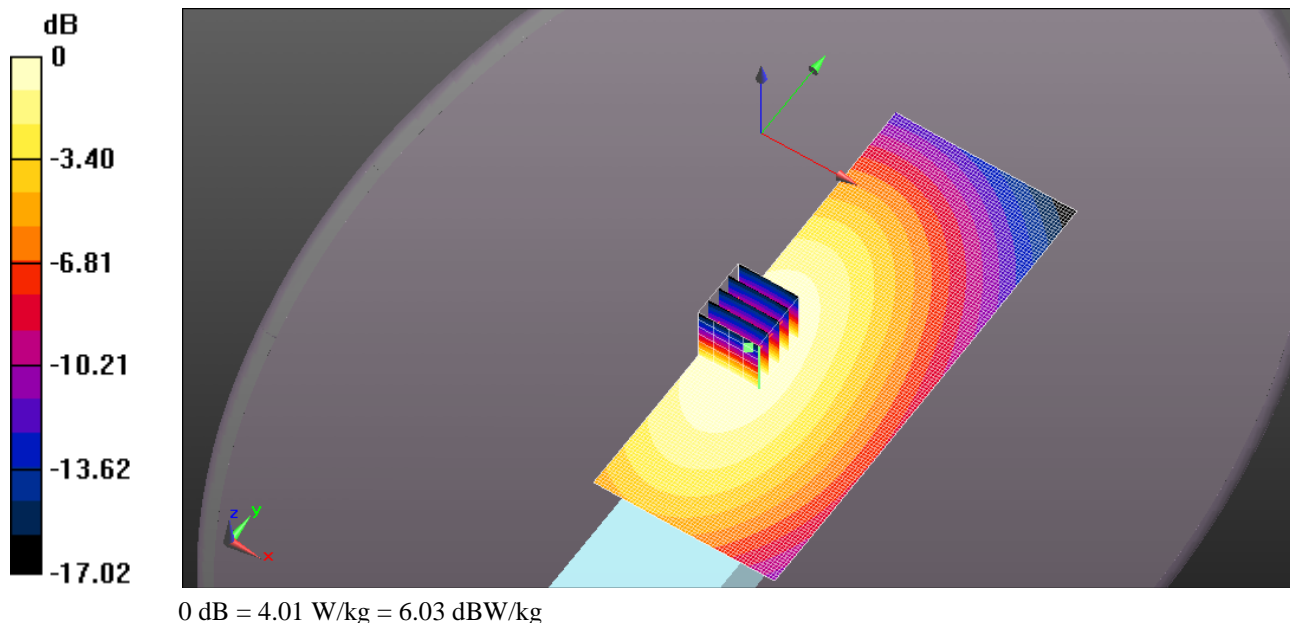
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.01 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 17.32 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 4.88 W/kg  
**SAR(1 g) = 3.61 W/kg; SAR(10 g) = 2.73 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 4.01 W/kg



Test Laboratory: Ultratech Group of Labs

*FILE NAME: [ICOM-430Q BP-283 FA-S81U 415MHZ.DA52:0](#)*

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 415 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 415 \text{ MHz}$ ;  $\sigma = 0.811 \text{ S/m}$ ;  $\epsilon_r = 45.843$ ;  $\rho = 1000 \text{ kg/m}^3$ ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.14 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

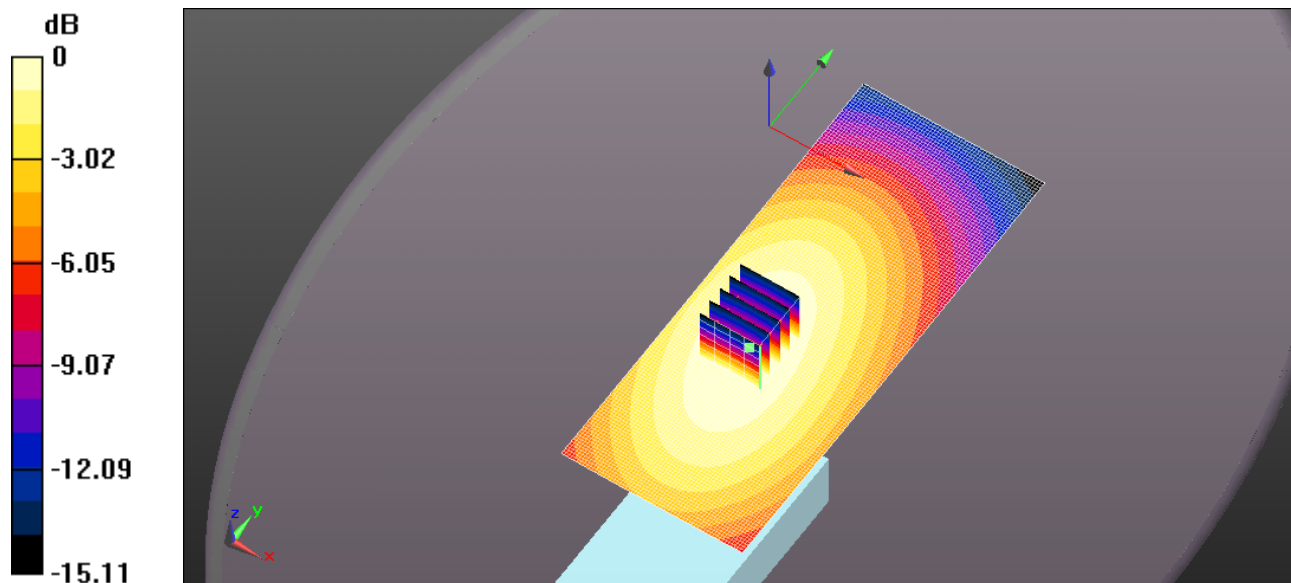
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 62.53 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.74 W/kg

**SAR(1 g) = 2.77 W/kg; SAR(10 g) = 2.08 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.08 W/kg



0 dB = 3.14 W/kg = 4.96 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S81U 430MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 430 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 430 \text{ MHz}$ ;  $\sigma = 0.836 \text{ S/m}$ ;  $\epsilon_r = 45.827$ ;  $\rho = 1000 \text{ kg/m}^3$ ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.04 W/kg

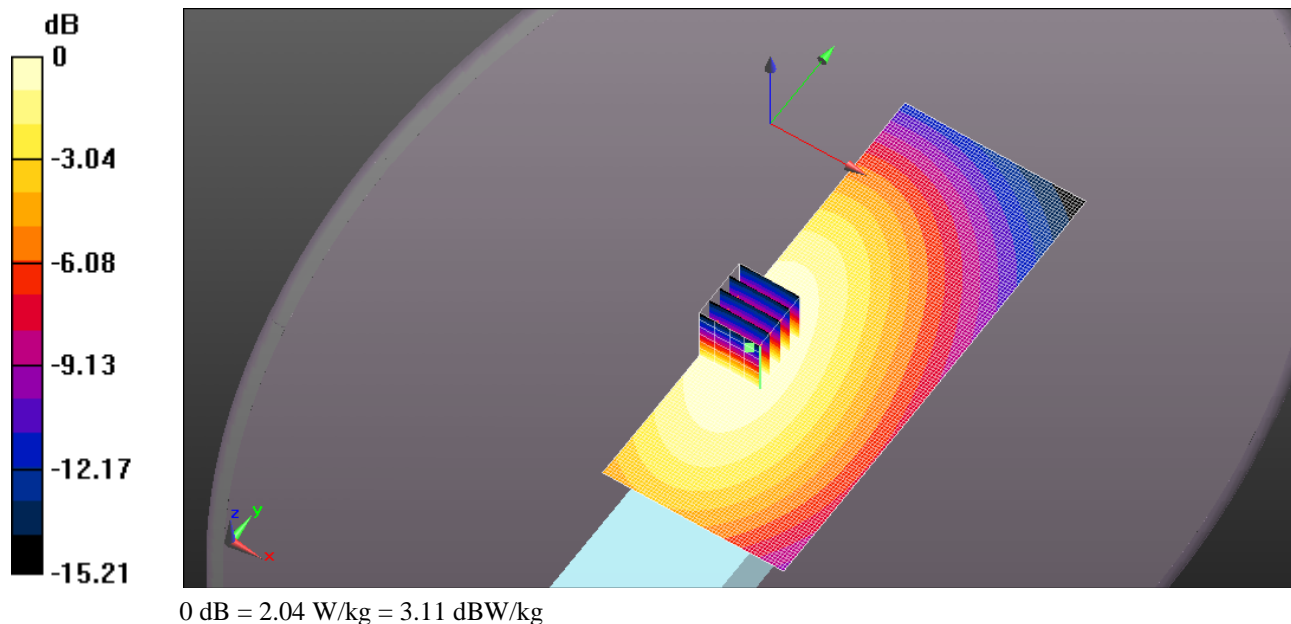
**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 49.30 V/m; Power Drift = -0.26 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.83 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 2.03 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S81US 400MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.786$  S/m;  $\epsilon_r = 45.868$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

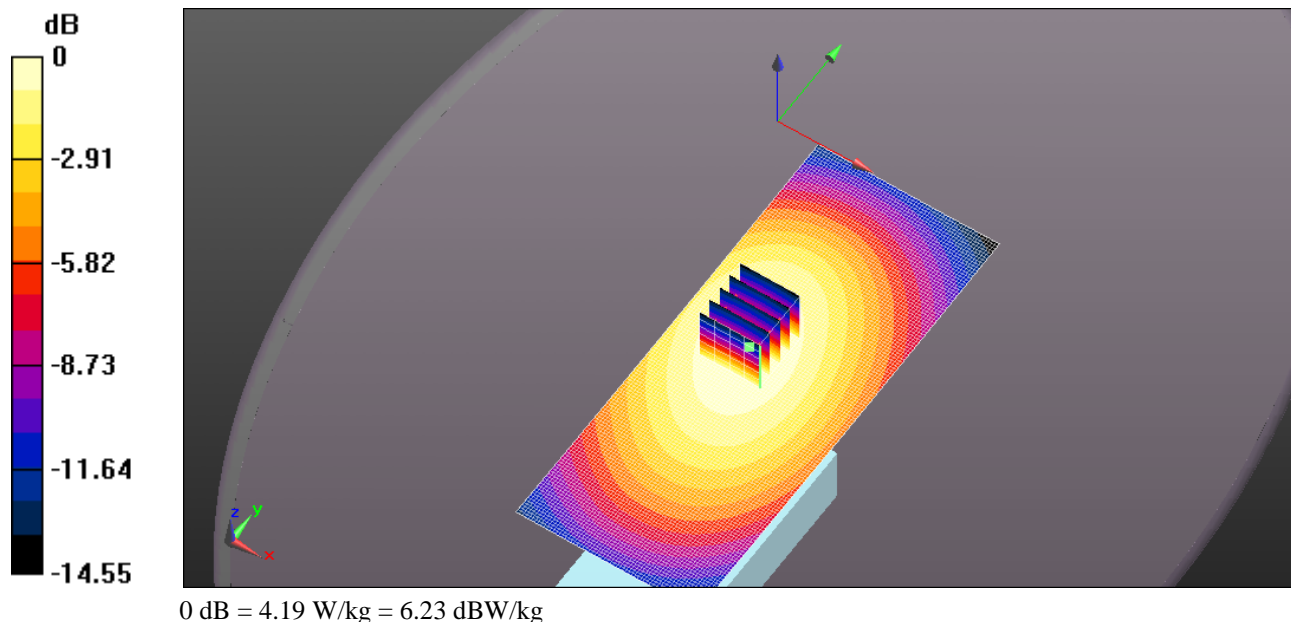
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.19 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**  
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm



Reference Value = 67.16 V/m; Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 4.95 W/kg  
**SAR(1 g) = 3.72 W/kg; SAR(10 g) = 2.82 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 4.13 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-4300 BP-283 FA-S81US 412.5MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 412.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 412.5$  MHz;  $\sigma = 0.805$  S/m;  $\epsilon_r = 45.827$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.16 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

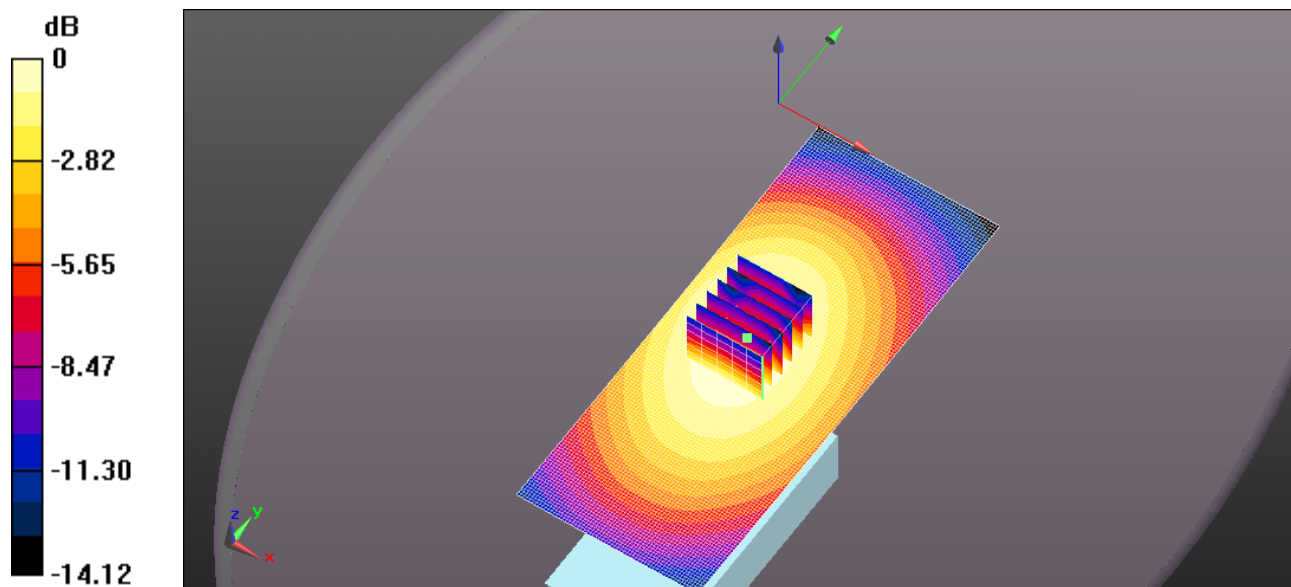
**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 80.61 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 6.04 W/kg

**SAR(1 g) = 4.45 W/kg; SAR(10 g) = 3.28 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.90 W/kg



0 dB = 5.16 W/kg = 7.13 dBW/kg

Test Laboratory: Ultratech Group of Labs

**FILE NAME:** [ICOM-4300 BP-283 FA-S81US 425MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 425 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 425$  MHz;  $\sigma = 0.83$  S/m;  $\epsilon_r = 45.826$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:

Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.63 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

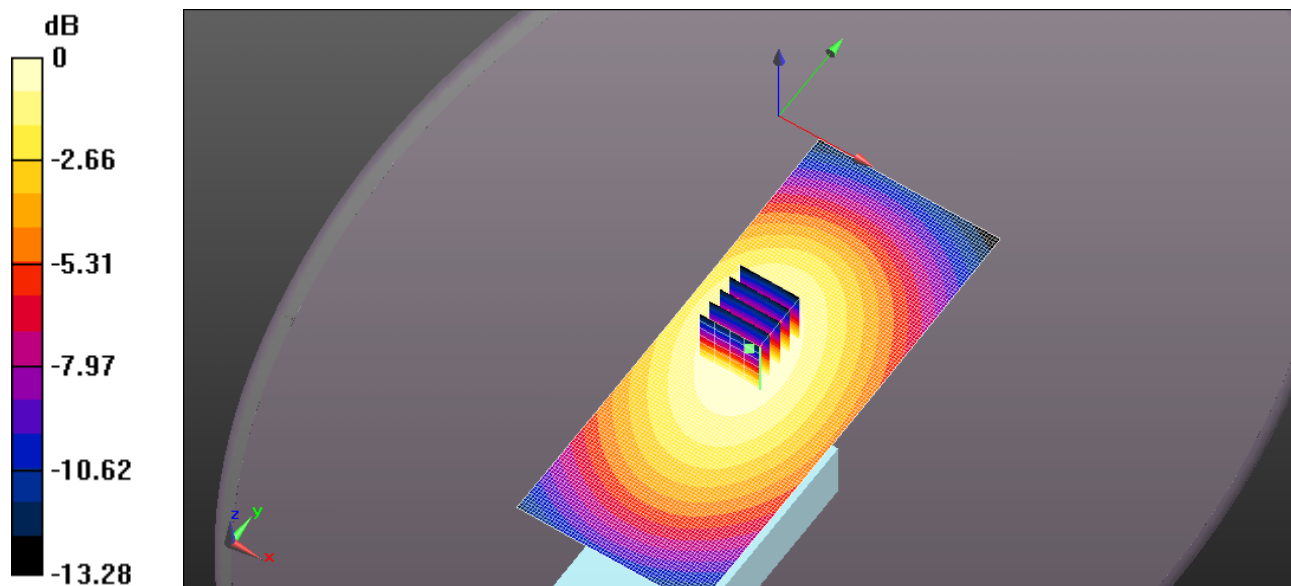
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 73.97 V/m; Power Drift = -0.26 dB

Peak SAR (extrapolated) = 5.52 W/kg

**SAR(1 g) = 4.15 W/kg; SAR(10 g) = 3.13 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.62 W/kg



0 dB = 4.63 W/kg = 6.66 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S81US 437.5MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 437.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 437.5 MHz;  $\sigma = 0.846$  S/m;  $\epsilon_r = 45.668$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.63 W/kg

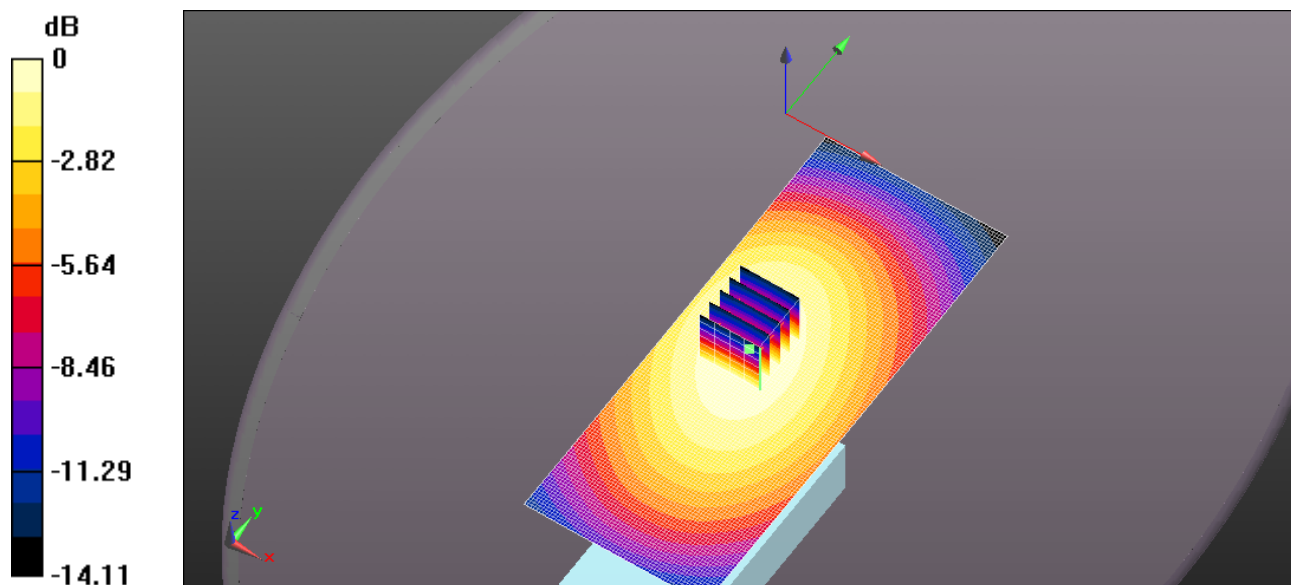
**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**  
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 54.54 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 3.07 W/kg

**SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.74 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.56 W/kg



0 dB = 2.63 W/kg = 4.20 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-430Q BP-283 FA-S81US 450MHz.da52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.346$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057

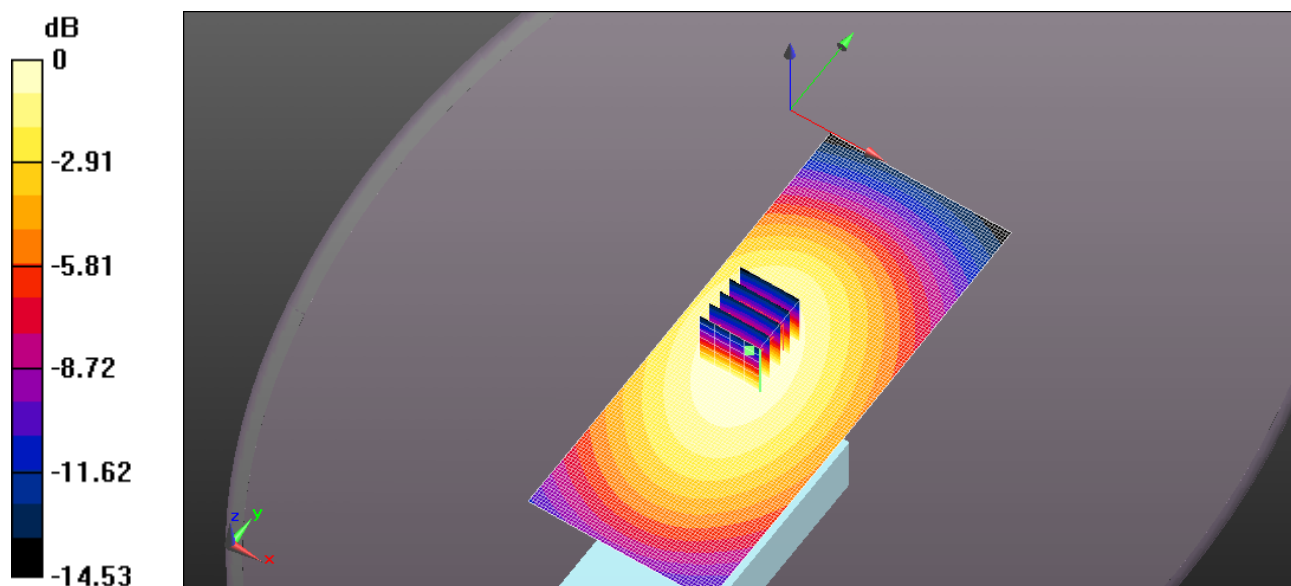
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.35 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 38.58 V/m; Power Drift = -0.18 dB  
Peak SAR (extrapolated) = 1.62 W/kg  
**SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.922 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.35 W/kg = 1.29 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S82U 430MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 430 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 430 MHz;  $\sigma = 0.836$  S/m;  $\epsilon_r = 45.827$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

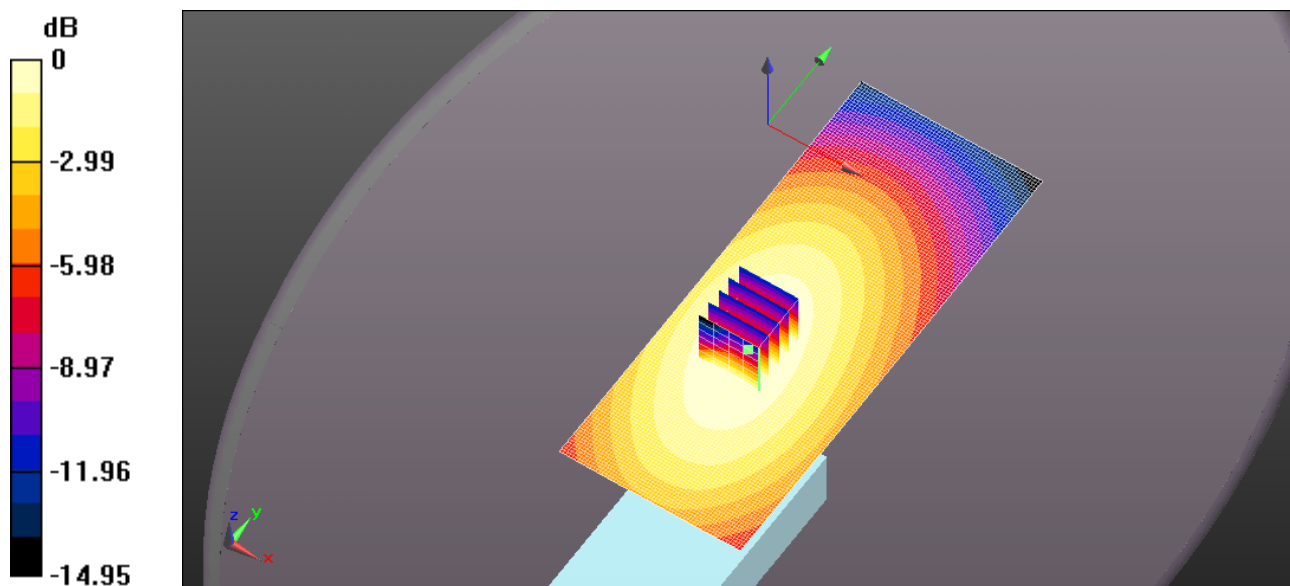
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 7.53 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 95.68 V/m; Power Drift = -0.26 dB  
Peak SAR (extrapolated) = 8.53 W/kg  
**SAR(1 g) = 6.38 W/kg; SAR(10 g) = 4.83 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 7.09 W/kg



0 dB = 7.53 W/kg = 8.77 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S82U 450MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 450 MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.346$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)



DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.41 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

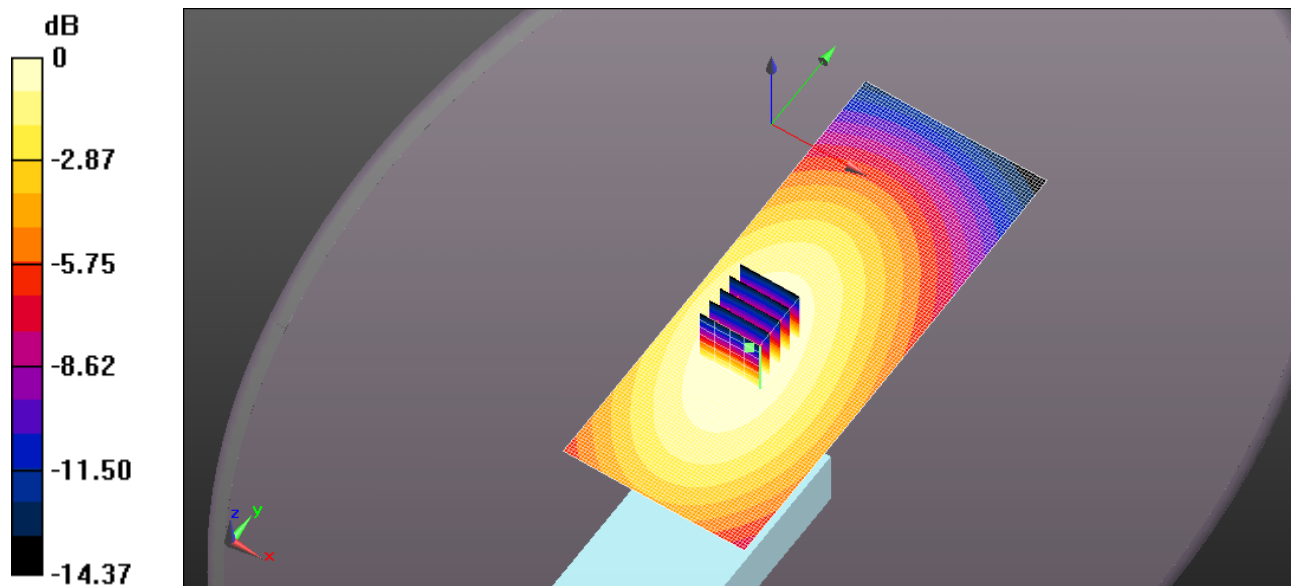
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 74.72 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.44 W/kg

**SAR(1 g) = 4.94 W/kg; SAR(10 g) = 3.7 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.35 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S82U 470MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.844$  S/m;  $\epsilon_r = 44.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

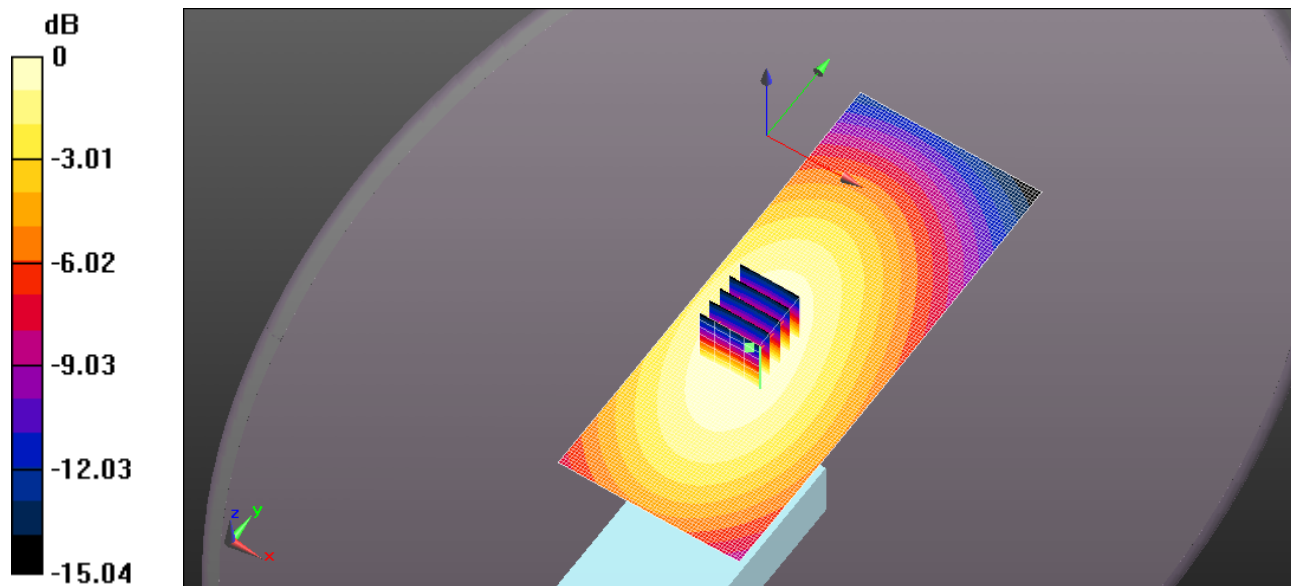
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

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

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 61.61 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 4.01 W/kg  
**SAR(1 g) = 2.99 W/kg; SAR(10 g) = 2.23 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 3.33 W/kg



0 dB = 3.35 W/kg = 5.24 dBW/kg

Test Laboratory: Ultratech Group of Labs



FILE NAME: [ICOM-430Q BP-283 FA-S82US 450MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 450$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.346$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

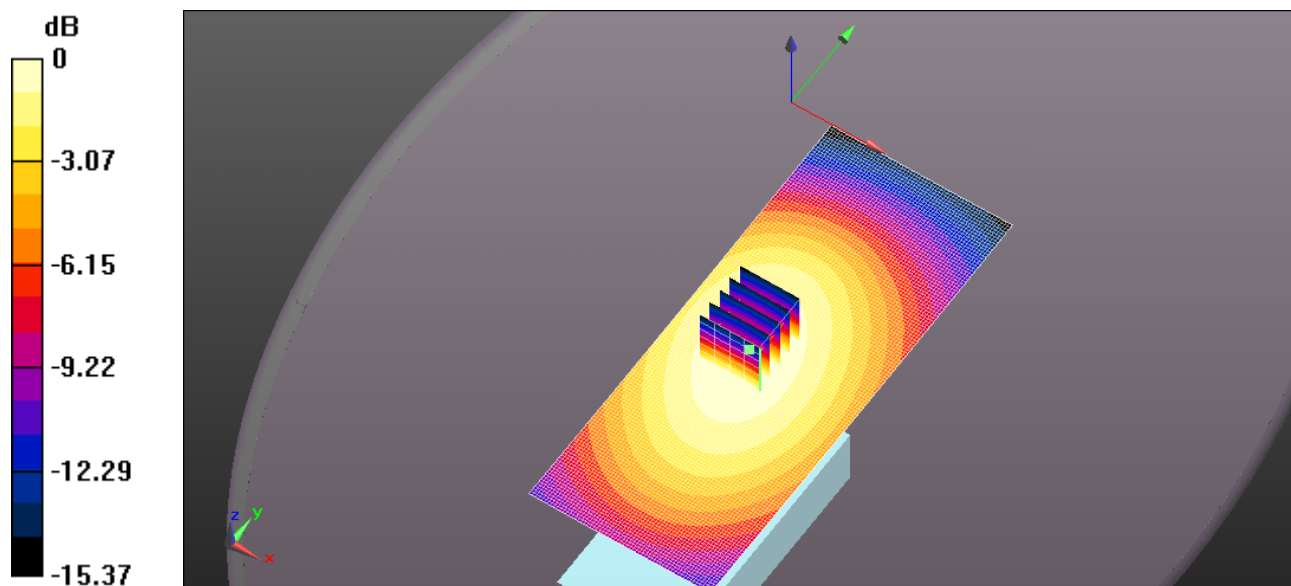
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 3.39 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 61.44 V/m; Power Drift = -0.25 dB  
Peak SAR (extrapolated) = 4.00 W/kg  
**SAR(1 g) = 3.08 W/kg; SAR(10 g) = 2.29 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 3.34 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q\\_BP-283\\_FA-S82US\\_460MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.849$  S/m;  $\epsilon_r = 45.03$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

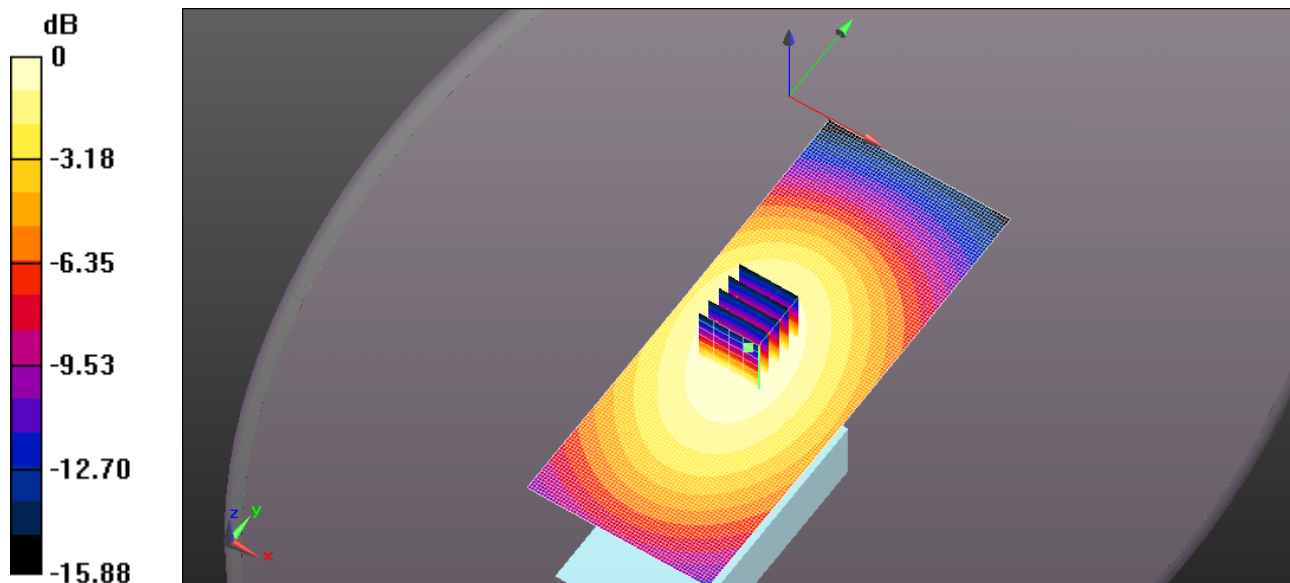
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.40 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 69.22 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 5.22 W/kg  
**SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.91 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 4.33 W/kg



0 dB = 4.40 W/kg = 6.43 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-283 FA-S82US 470MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.844$  S/m;  $\epsilon_r = 44.523$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.26 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

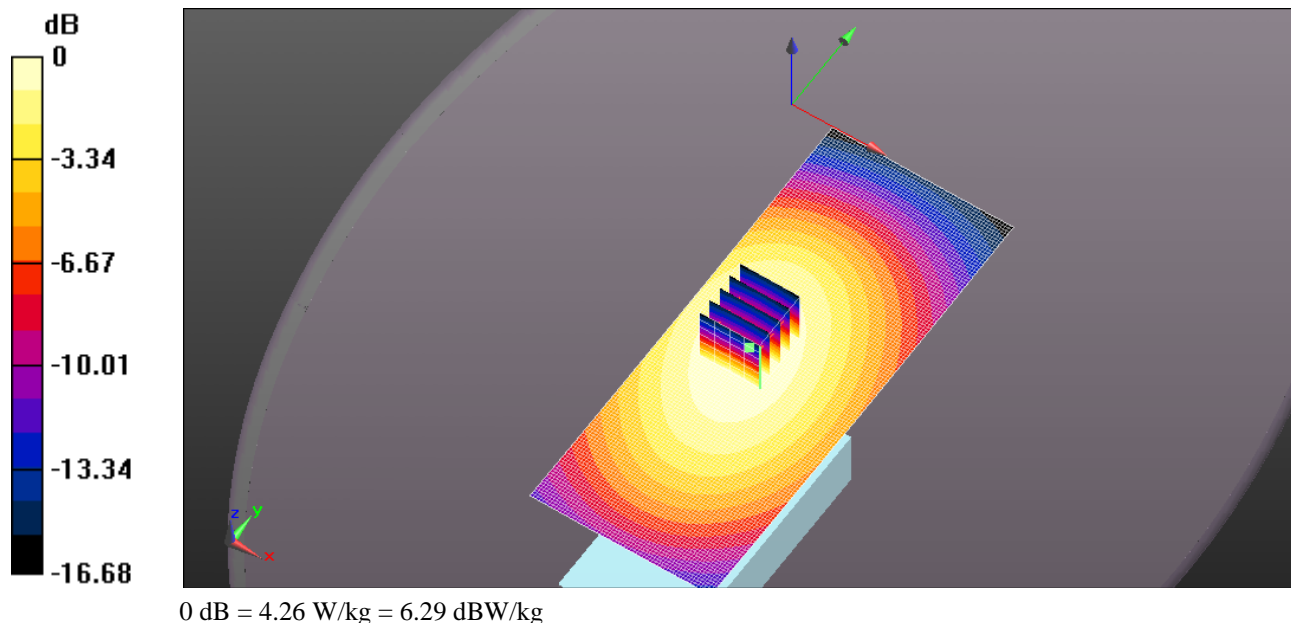
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 67.53 V/m; Power Drift = -0.22 dB

Peak SAR (extrapolated) = 5.09 W/kg

**SAR(1 g) = 3.77 W/kg; SAR(10 g) = 2.8 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.20 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-4300 BP-284 FA-S76UC 165MM 400MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.787$  S/m;  $\epsilon_r = 46.191$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.21 W/kg

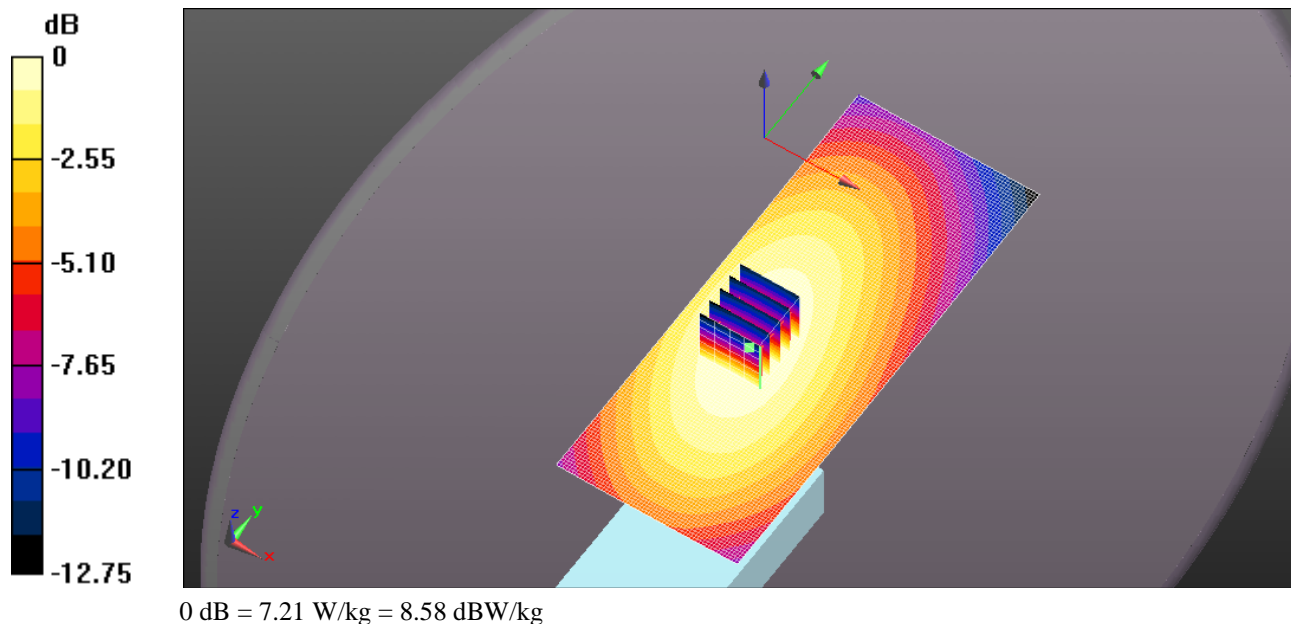
**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

(5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 33.90 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 8.24 W/kg

SAR(1 g) = 6.72 W/kg; SAR(10 g) = 5 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.80 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 165MM 420MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 420$  MHz;  $\sigma = 0.807$  S/m;  $\epsilon_r = 45.789$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

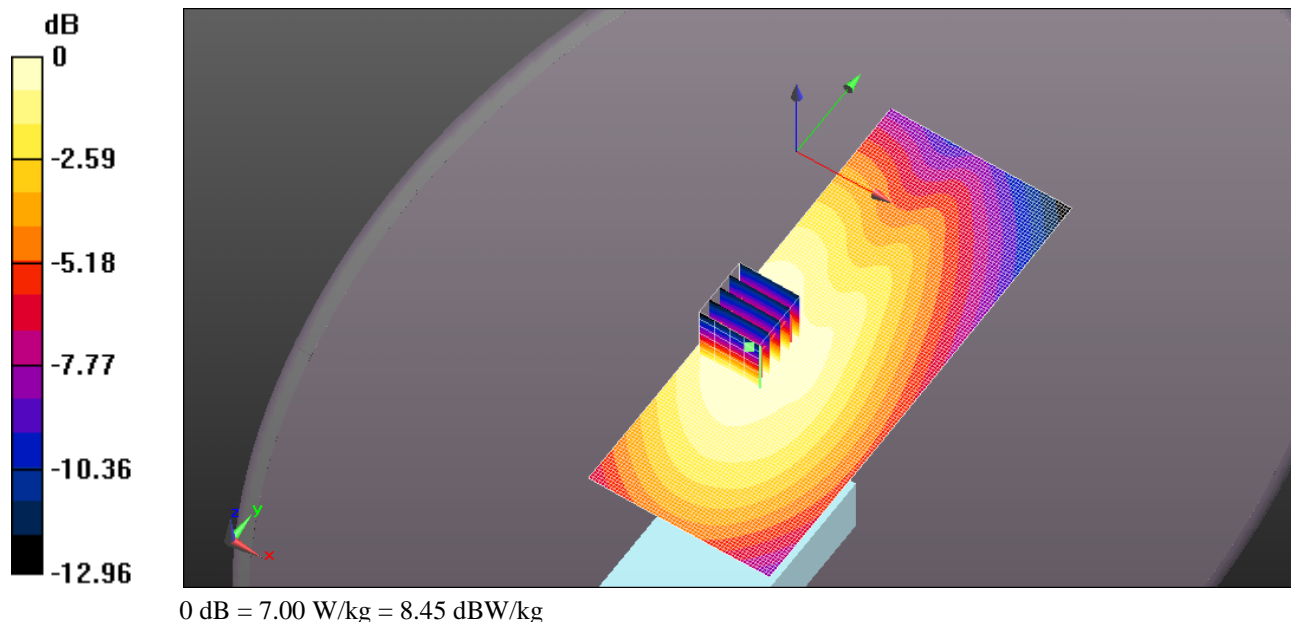
DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 7.00 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**  
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 36.48 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 8.42 W/kg  
**SAR(1 g) = 6.74 W/kg; SAR(10 g) = 5.01 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.98 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q\\_BP-284\\_FA-S76UC\\_165MM\\_440MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.822$  S/m;  $\epsilon_r = 45.462$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.91 W/kg



**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

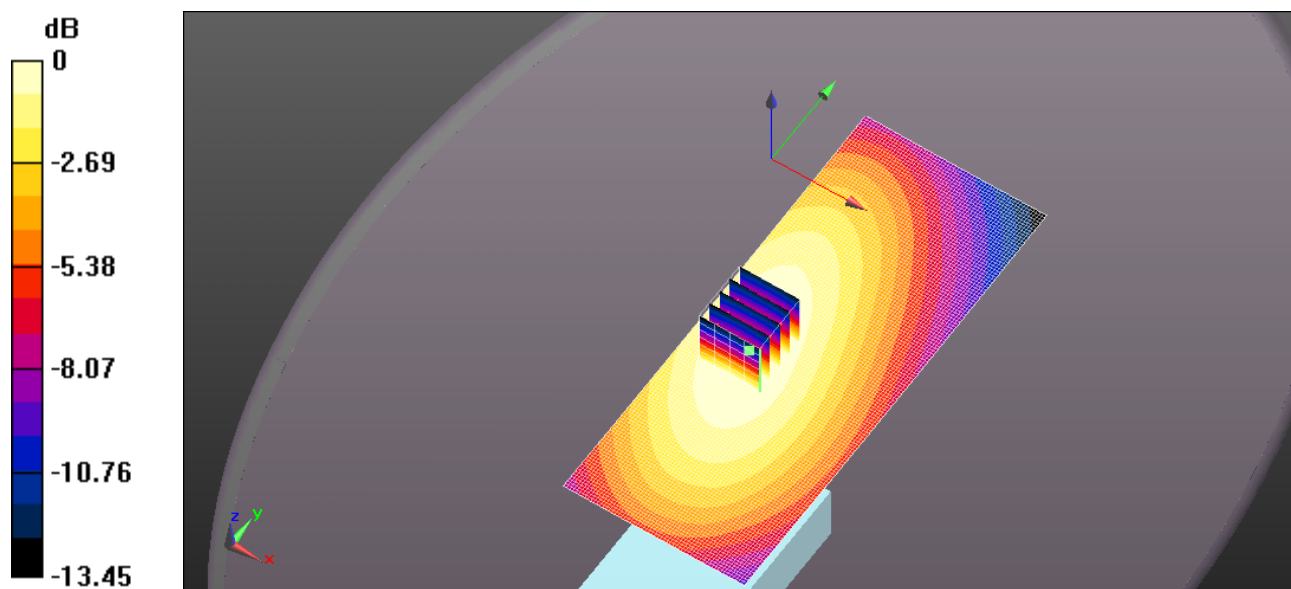
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 34.46 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.03 W/kg

**SAR(1 g) = 5.53 W/kg; SAR(10 g) = 4.1 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.82 W/kg



0 dB = 5.91 W/kg = 7.72 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-4300 BP-284 FA-S76UC 165MM 460MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 45.129$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:

Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

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

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

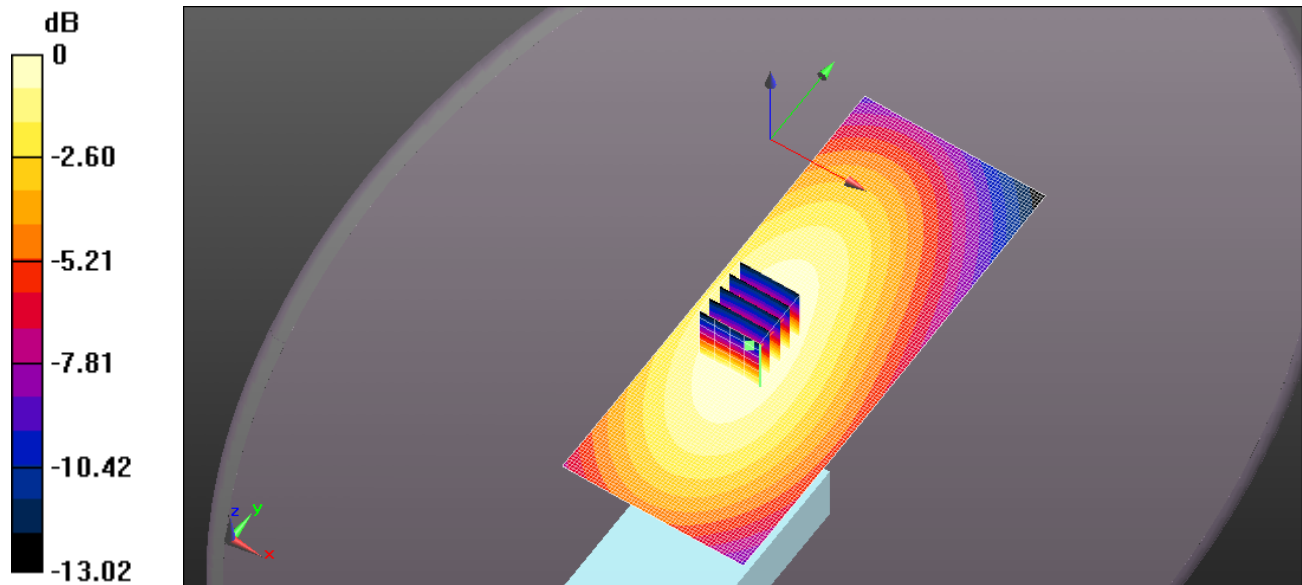
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.34 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.20 W/kg

**SAR(1 g) = 4.01 W/kg; SAR(10 g) = 2.97 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.32 W/kg



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

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-430Q BP-284 FA-S76UC 165mm 470MHz.da52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.96$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

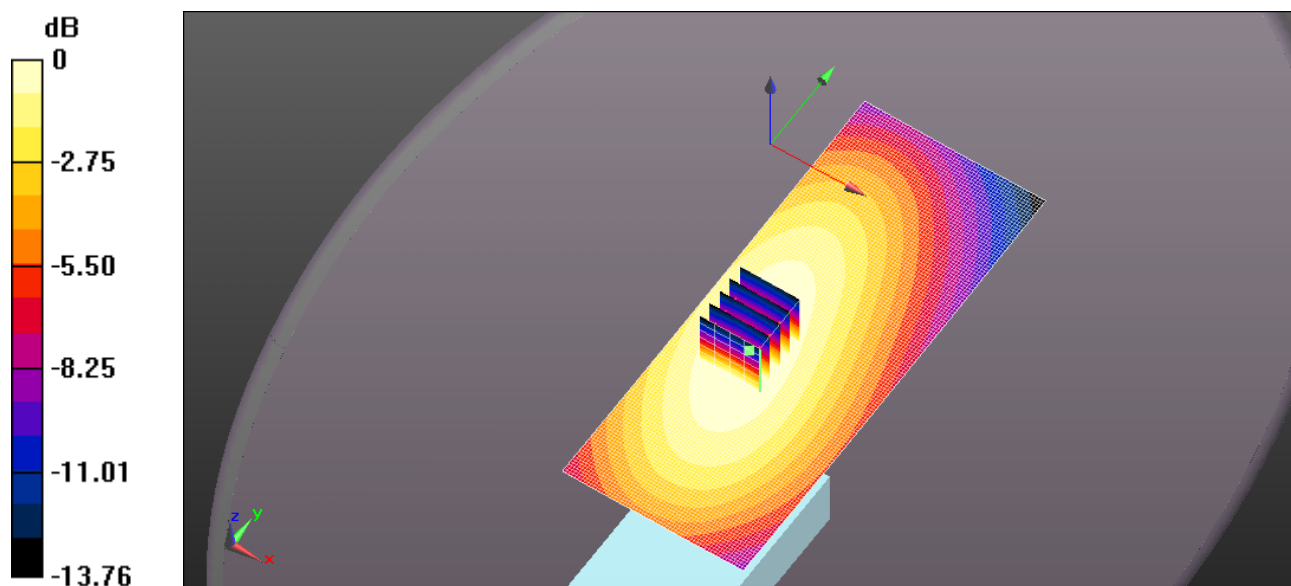


**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.03 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 24.23 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 4.83 W/kg  
**SAR(1 g) = 3.67 W/kg; SAR(10 g) = 2.7 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 3.99 W/kg



0 dB = 4.03 W/kg = 6.05 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q\\_BP-284\\_FA-S76UC\\_156MM\\_400MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 400 MHz;  $\sigma = 0.787$  S/m;  $\epsilon_r = 46.191$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015

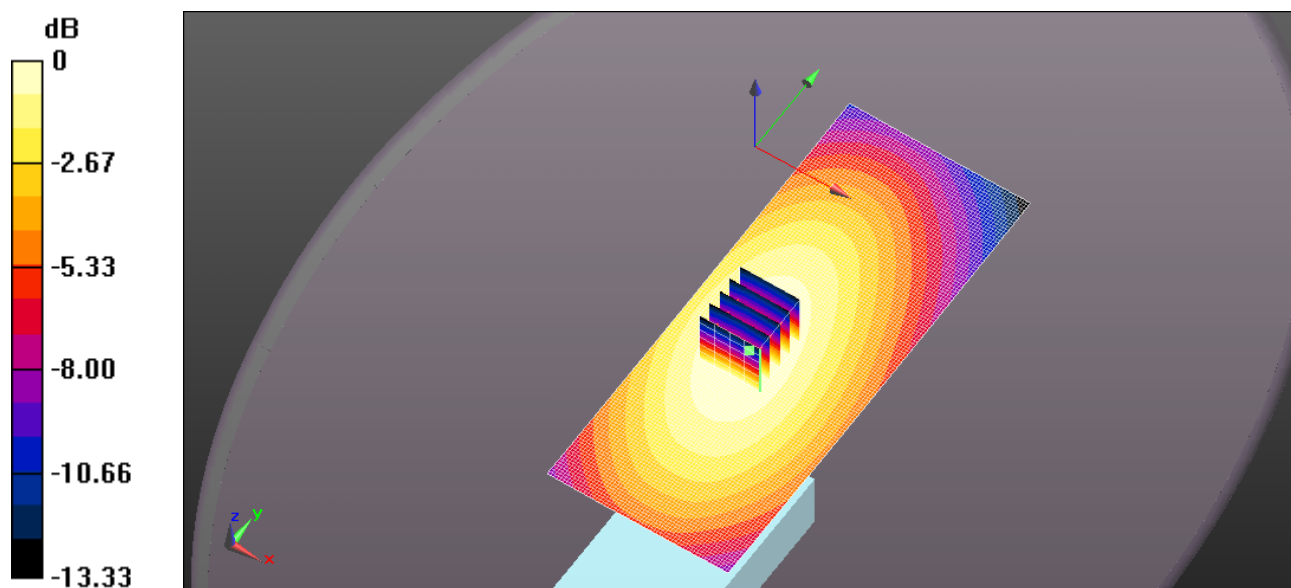
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

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

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 28.16 V/m; Power Drift = -0.23 dB  
Peak SAR (extrapolated) = 7.04 W/kg  
**SAR(1 g) = 5.87 W/kg; SAR(10 g) = 4.39 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.93 W/kg



0 dB = 6.26 W/kg = 7.96 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 420MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 420 MHz;  $\sigma = 0.807$  S/m;  $\epsilon_r = 45.789$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.10 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

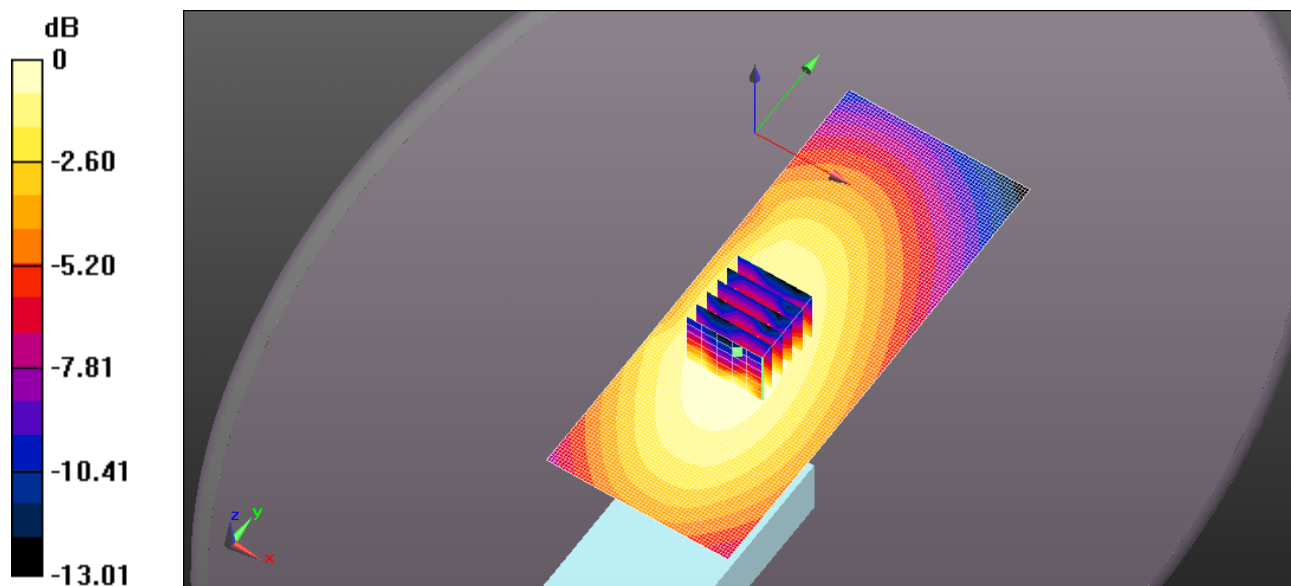
**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.86 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 8.60 W/kg

**SAR(1 g) = 6.74 W/kg; SAR(10 g) = 4.7 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.92 W/kg



0 dB = 7.10 W/kg = 8.51 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 440MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1

Medium parameters used: f = 440 MHz;  $\sigma = 0.822$  S/m;  $\epsilon_r = 45.462$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.55 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

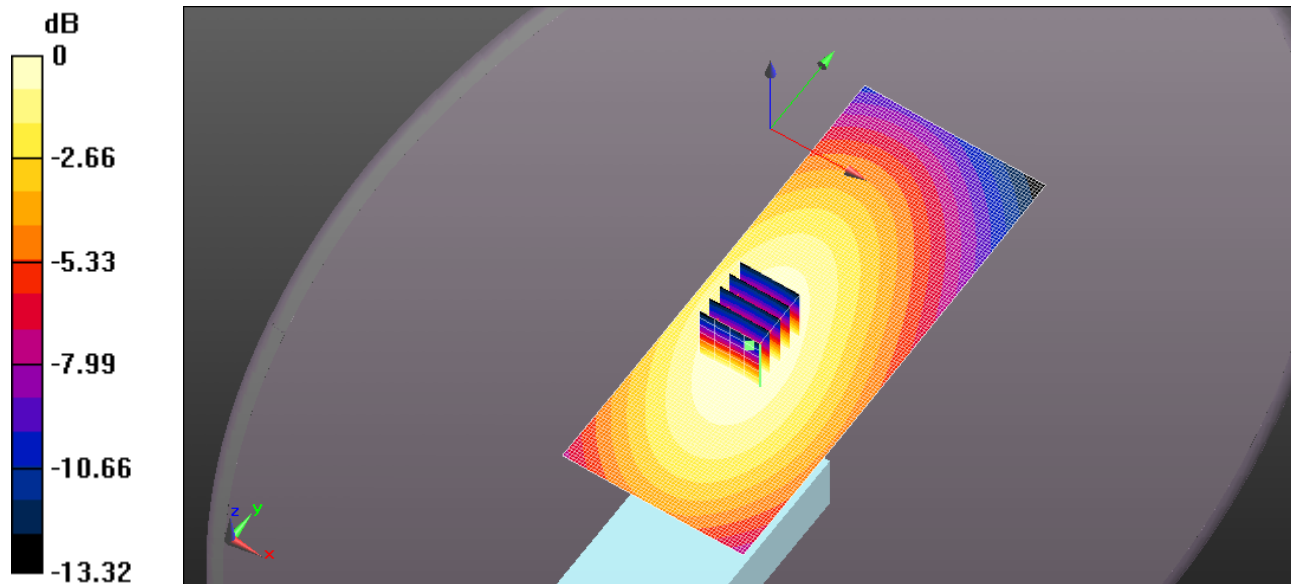
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.97 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.61 W/kg

**SAR(1 g) = 6.13 W/kg; SAR(10 g) = 4.59 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.44 W/kg



0 dB = 6.55 W/kg = 8.16 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 460MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 45.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

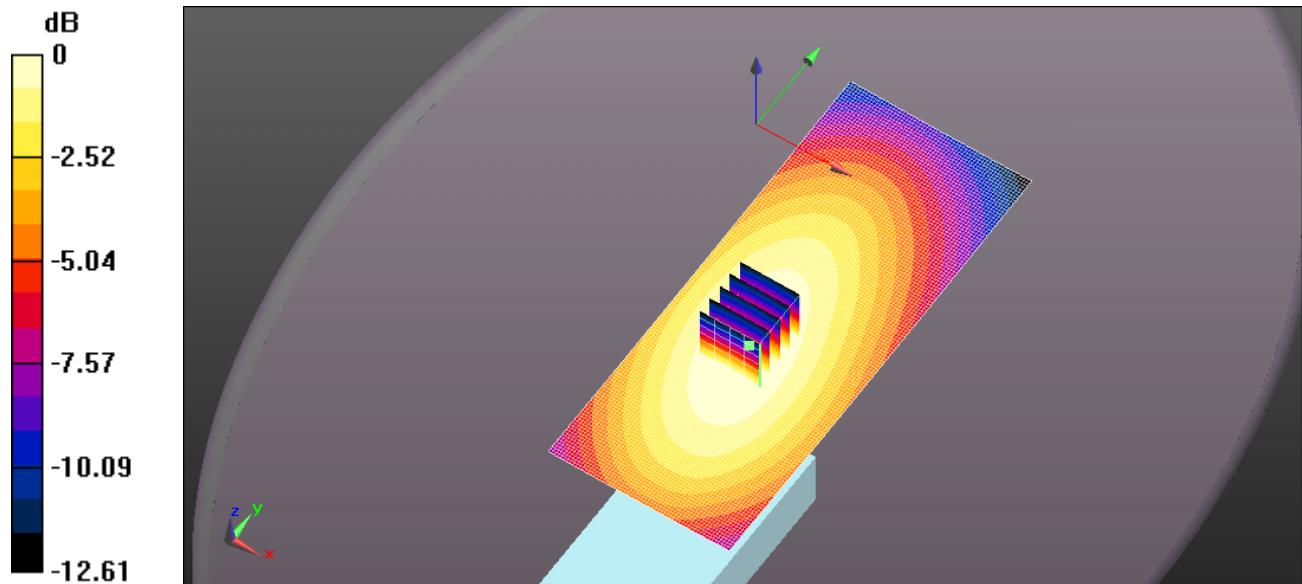
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.44 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 23.31 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 6.38 W/kg  
**SAR(1 g) = 4.97 W/kg; SAR(10 g) = 3.7 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.33 W/kg



0 dB = 5.44 W/kg = 7.36 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 470MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.96$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.85 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

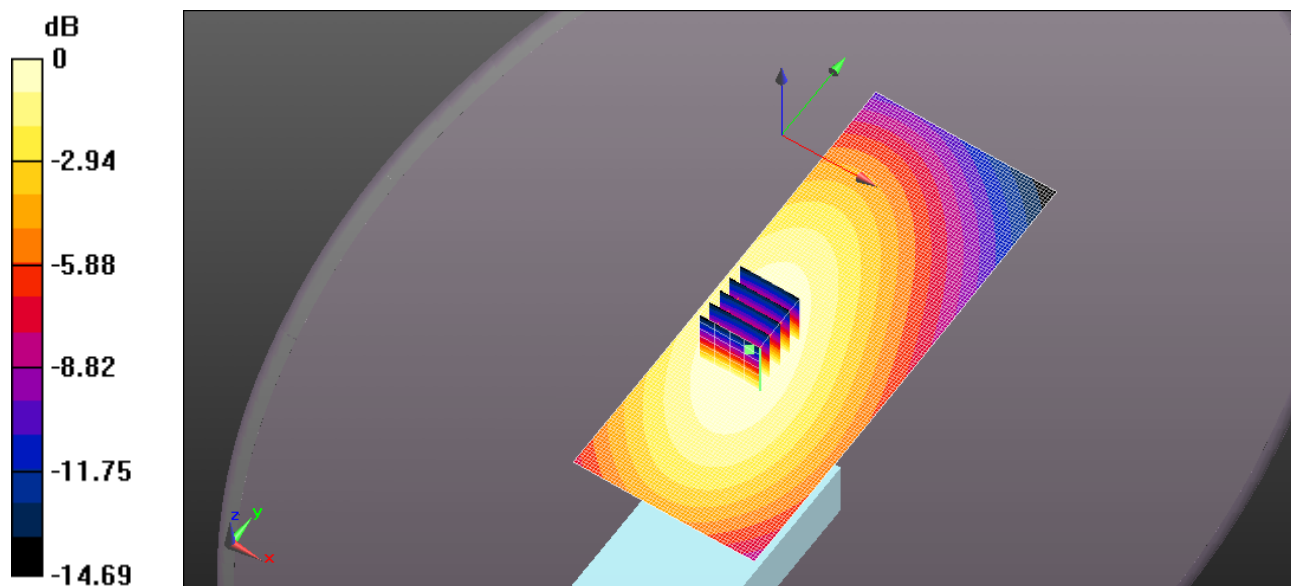
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.19 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 5.80 W/kg

**SAR(1 g) = 4.49 W/kg; SAR(10 g) = 3.33 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.86 W/kg



0 dB = 4.85 W/kg = 6.86 dBW/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q\\_BP-284\\_FA-S76UC\\_148MM\\_400MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.787$  S/m;  $\epsilon_r = 46.191$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.44 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

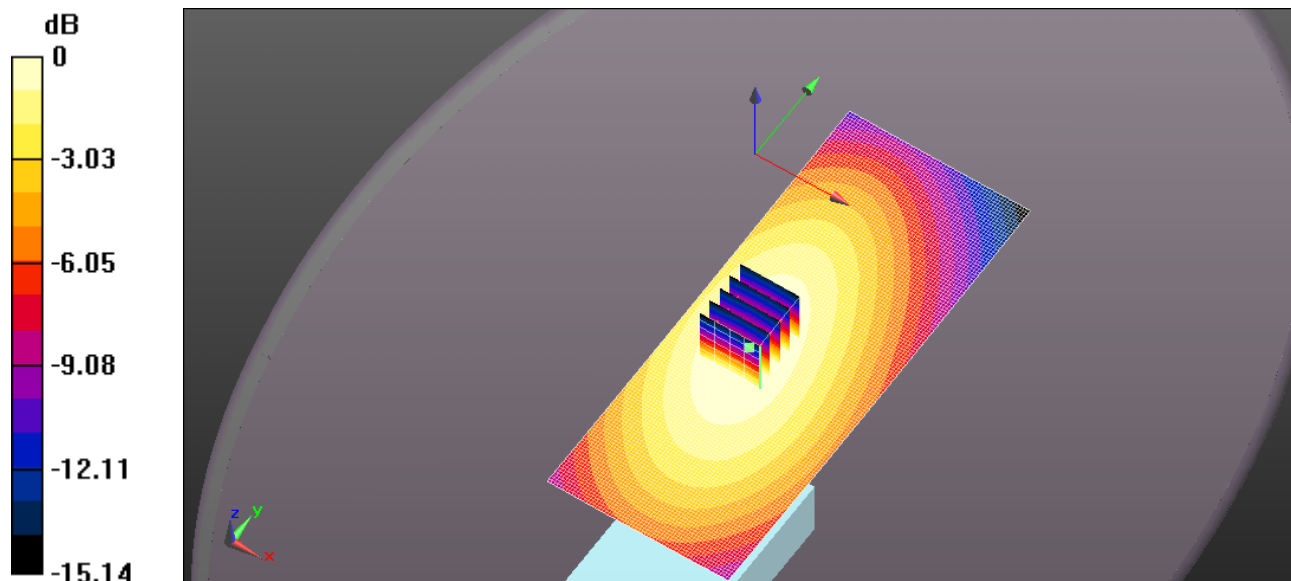
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.52 W/kg

**SAR(1 g) = 5.38 W/kg; SAR(10 g) = 4 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.46 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 420MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 420$  MHz;  $\sigma = 0.807$  S/m;  $\epsilon_r = 45.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.02 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

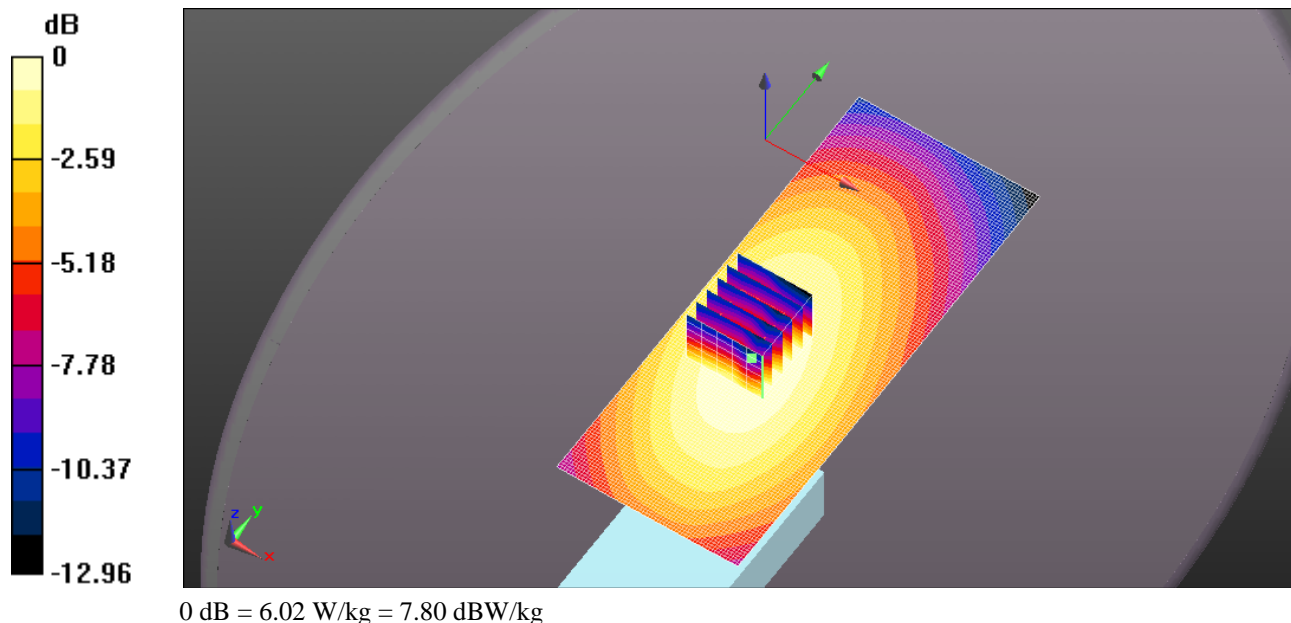
Reference Value = 25.30 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.93 W/kg

**SAR(1 g) = 5.55 W/kg; SAR(10 g) = 4.07 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.72 W/kg





Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-4300 BP-284 FA-S76UC 148MM 440MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.822$  S/m;  $\epsilon_r = 45.462$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.81 W/kg

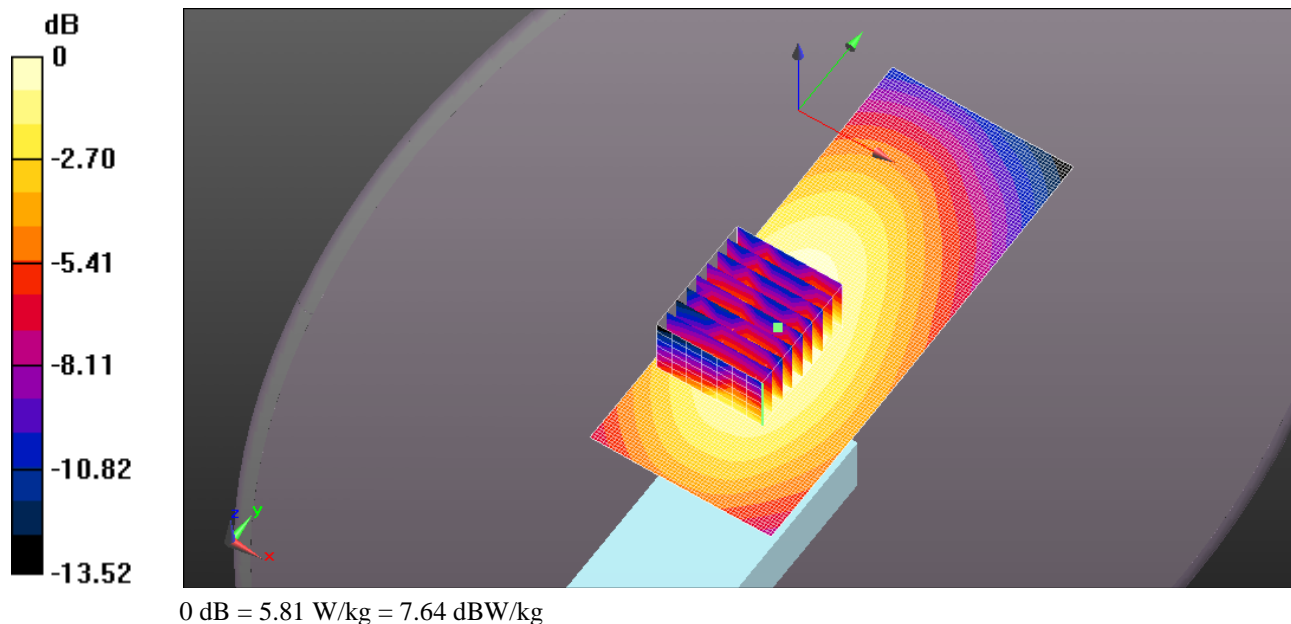
**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(8x9x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.52 V/m; Power Drift = -0.24 dB

Peak SAR (extrapolated) = 6.39 W/kg

SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.65 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.30 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 460MHZ.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 45.129$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

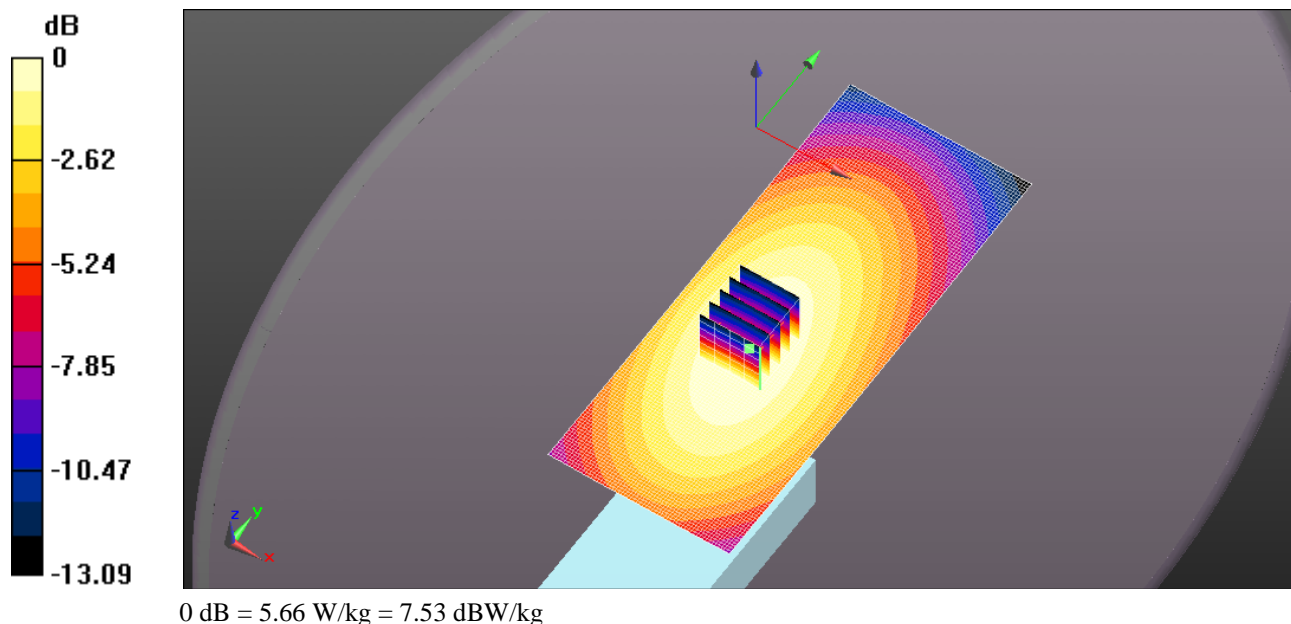
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.66 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 21.23 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 6.73 W/kg  
**SAR(1 g) = 5.19 W/kg; SAR(10 g) = 3.86 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.58 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 470MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.96$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.49 W/kg

**Configuration Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

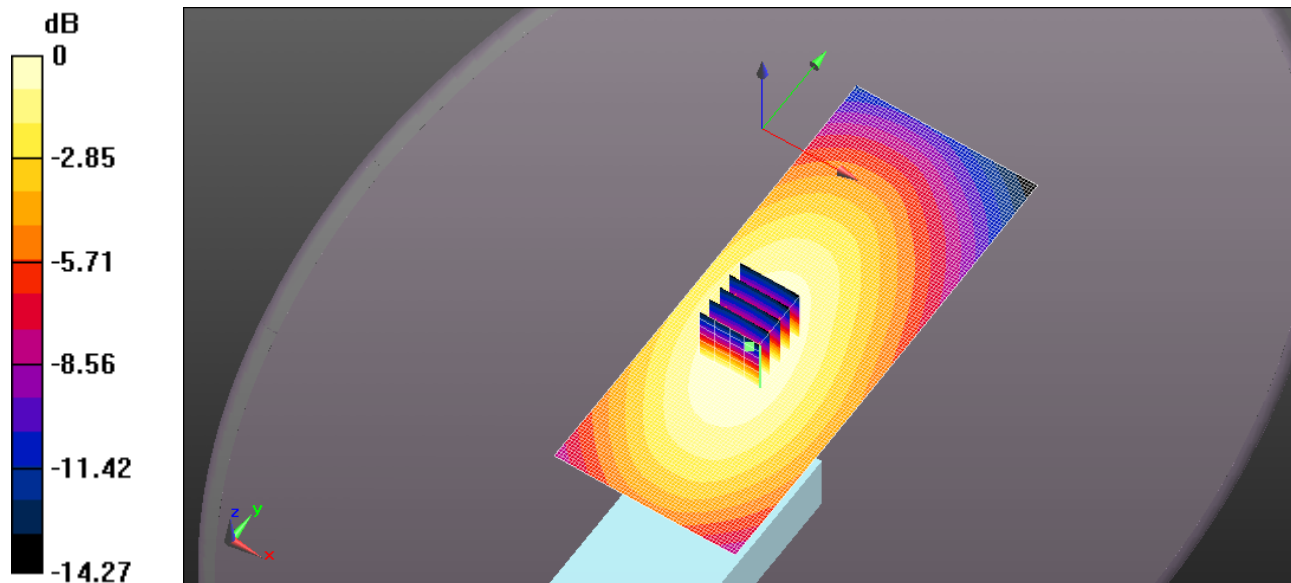
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.68 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 6.40 W/kg

**SAR(1 g) = 4.96 W/kg; SAR(10 g) = 3.69 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.35 W/kg



0 dB = 5.49 W/kg = 7.40 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-4300 BP-284 FA-S76UC 142MM 400MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.787$  S/m;  $\epsilon_r = 46.191$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

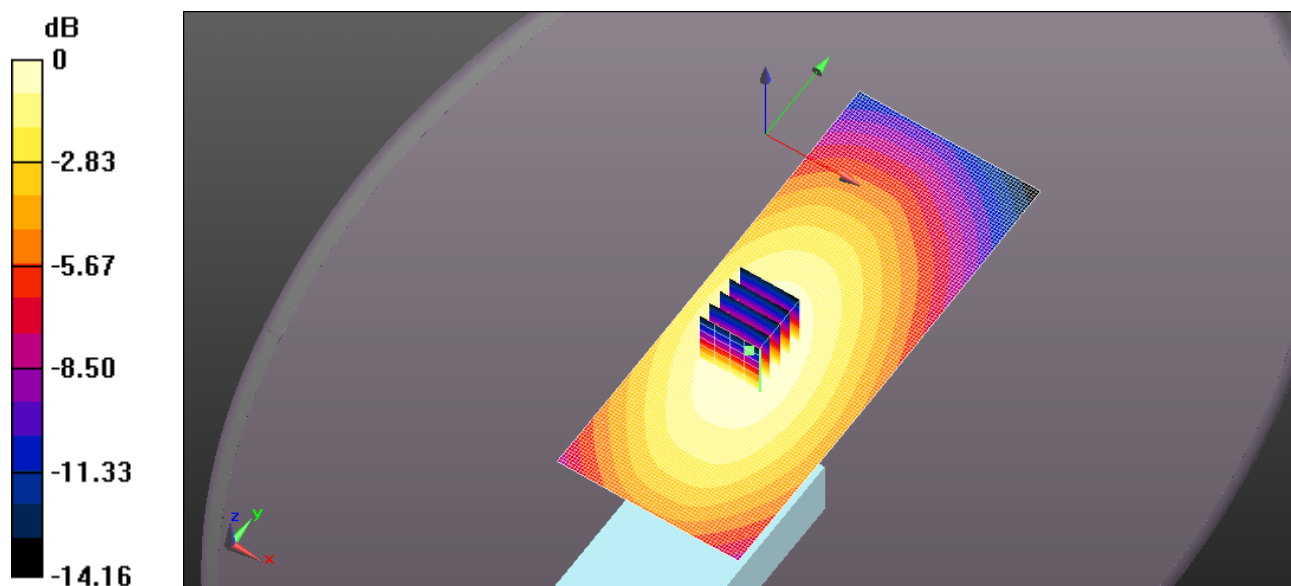
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.38 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 19.20 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 4.92 W/kg  
**SAR(1 g) = 4.15 W/kg; SAR(10 g) = 3.12 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 4.19 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 142MM 420MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 420$  MHz;  $\sigma = 0.807$  S/m;  $\epsilon_r = 45.789$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057

- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.06 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

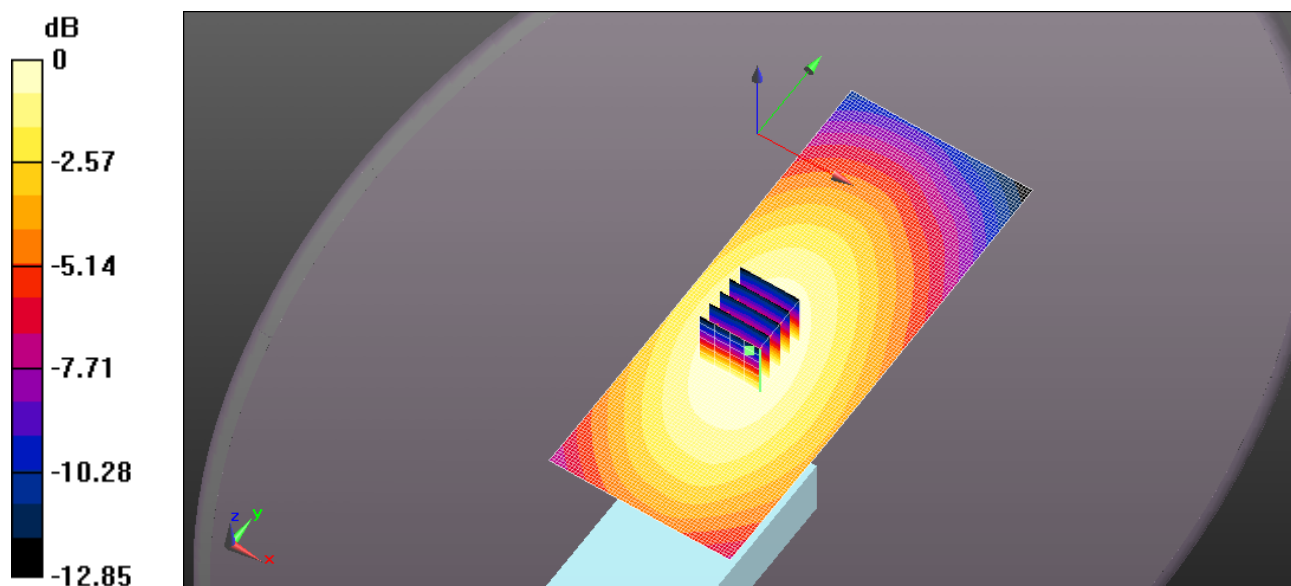
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.71 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 5.58 W/kg

**SAR(1 g) = 4.69 W/kg; SAR(10 g) = 3.55 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.82 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 142MM 440MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1

Medium parameters used: f = 440 MHz;  $\sigma = 0.822$  S/m;  $\epsilon_r = 45.462$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)



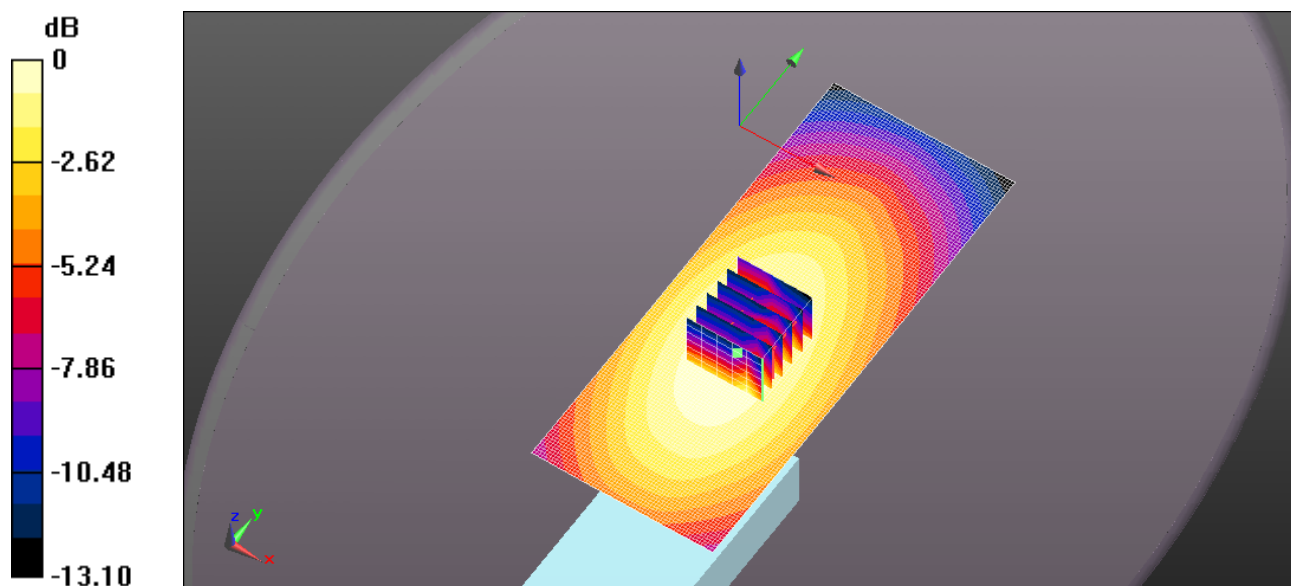
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 6.20 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 20.28 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 6.93 W/kg  
**SAR(1 g) = 5.21 W/kg; SAR(10 g) = 3.37 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.72 W/kg



0 dB = 6.20 W/kg = 7.93 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 142MM 460MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 460 MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 45.129$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

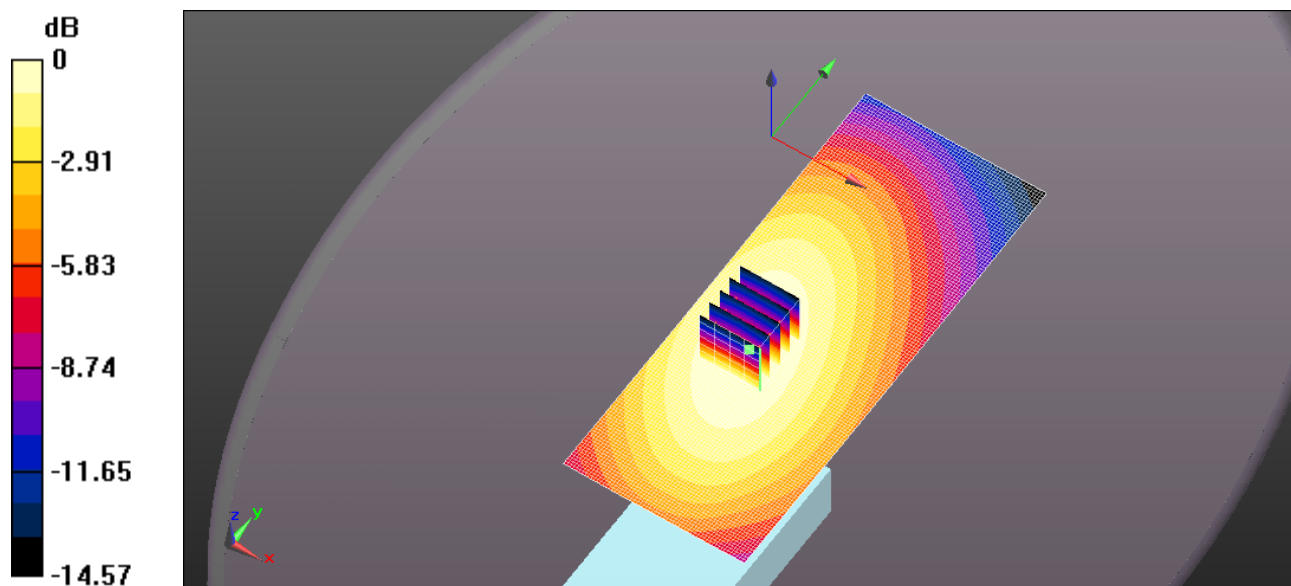
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.06 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 21.05 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 5.89 W/kg  
**SAR(1 g) = 4.65 W/kg; SAR(10 g) = 3.48 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 4.98 W/kg



0 dB = 5.06 W/kg = 7.04 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 142MM 470MHZ.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 470 MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.96$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)



**DASY Configuration:**

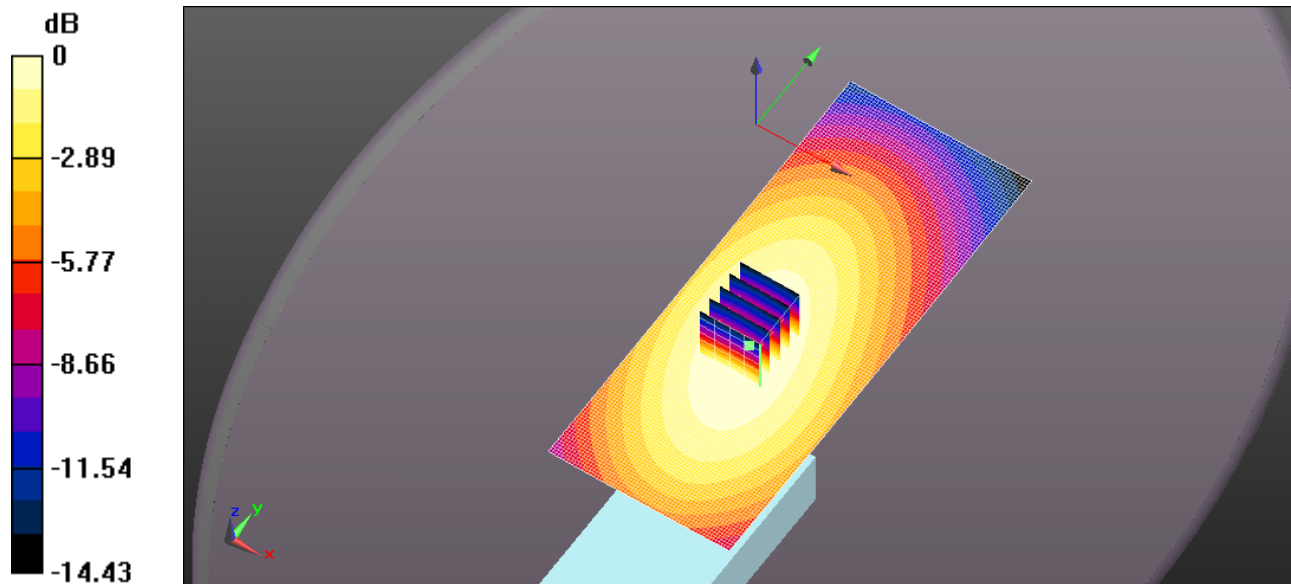
- Probe: ES3DV3 - SN3250; ConvF(7.07, 7.07, 7.07); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 5.10 W/kg

**Configuration\_Head\_IC-F4400DT/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 18.64 V/m; Power Drift = -0.06 dB  
 Peak SAR (extrapolated) = 5.97 W/kg  
**SAR(1 g) = 4.74 W/kg; SAR(10 g) = 3.54 W/kg** (SAR corrected for target medium)  
 Maximum value of SAR (measured) = 5.10 W/kg



0 dB = 5.10 W/kg = 7.08 dBW/kg

**EXHIBIT 3. BODY SAR MEASUREMENT SUMMARY**

Antenna	Power (dBm)	CH	CH. Freq (MHz)	BODY SAR (W/Kg)	
				BP-284	BP-284
				2010mAh	2010mAh
FA-S81U 380-430 MHz	37.17	1	400	5.28	3.91
	37.19	3	415	5.36	3.98
	37.19	5	430	2.72	2.01

Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	2010mAh	2010mAh
FA-S82U 430-480 MHz	37.19	5	430	9.32	6.90
	37.21	7	450	7.63	5.53
	37.18	9	470	5.85	4.15

Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	2010mAh	2010mAh
FA-S81US 400-450 MHz	37.17	1	400	7.48	5.56
	37.22	2	412.5	7.83	5.80
	37.20	4	425	6.08	4.52
	37.21	6	437.5	3.36	2.50
	37.21	7	450	2.99	2.23

Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	2010mAh	2010mAh
FA-S82US 450-490 MHz	37.21	7	450	6.78	4.96
	37.24	8	460	8.74	6.32
	37.18	9	470	8.06	5.72

Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	3210mAh	3210mAh
FA-S76UC 400-470 MHz 165mm	37.17	1	400	9.00	6.71
	37.16	10	420	8.08	5.99
	37.17	11	440	6.75	5.01

	37.24	8	460	5.80	4.15
	37.18	9	470	5.83	4.13

Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	3210mAh	3210mAh
FA-S76UC 400-470 MHz 156mm	37.17	1	400	7.66	5.69
	37.16	10	420	7.94	5.91
	37.17	11	440	7.98	5.91
	37.24	8	460	6.72	4.93
	37.18	9	470	7.49	5.30

Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	3210mAh	3210mAh
FA-S76UC 400-470 MHz 148mm	37.17	1	400	6.71	4.99
	37.16	10	420	7.13	5.31
	37.17	11	440	5.41	3.90
	37.24	8	460	8.21	5.95
	37.18	9	470	6.70	4.90

Antenna	Power (dBm)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-284	BP-284
			(MHz)	3210mAh	3210mAh
FA-S76UC 400-470 MHz 142mm	37.17	1	400	5.61	4.20
	37.16	10	420	4.89	4.37
	37.17	11	440	5.07	3.63
	37.24	8	460	8.61	6.20
	37.18	9	470	6.25	4.61

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S81U 400MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 58.66$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

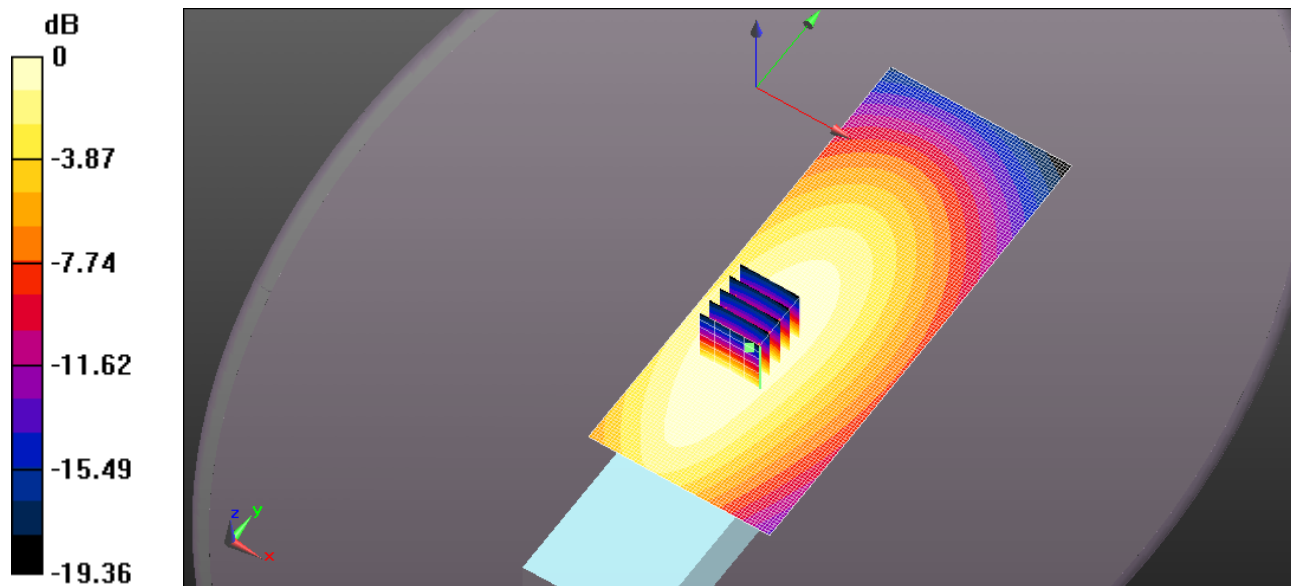
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.96 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 82.86 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 7.42 W/kg  
**SAR(1 g) = 5.28 W/kg; SAR(10 g) = 3.91 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.95 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S81U 415MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 415 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 415$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 58.515$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 6.11 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

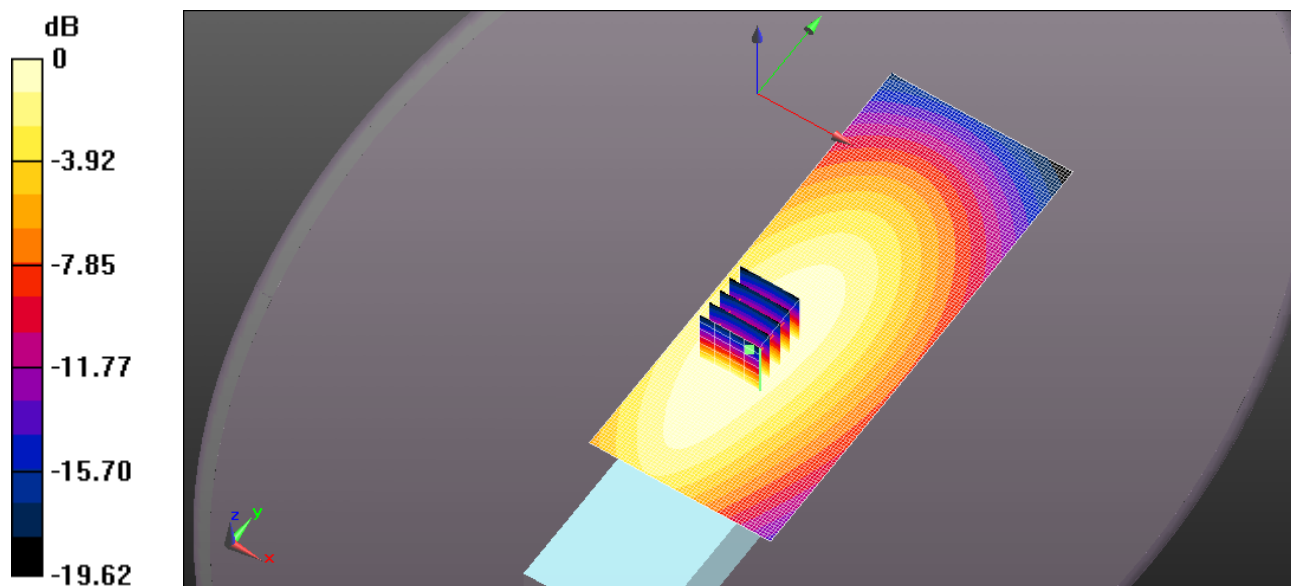
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 82.83 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.44 W/kg

**SAR(1 g) = 5.36 W/kg; SAR(10 g) = 3.98 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.99 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S81U 430MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 430 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 58.282$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

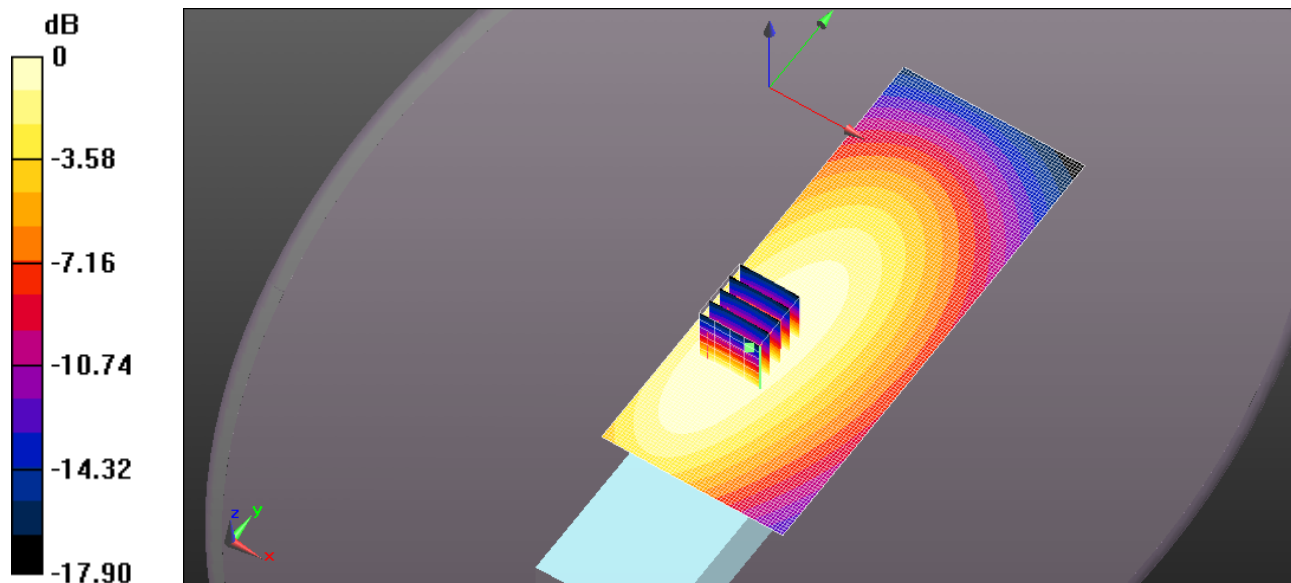
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 3.08 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 58.15 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 3.77 W/kg  
**SAR(1 g) = 2.72 W/kg; SAR(10 g) = 2.01 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 3.04 W/kg



0 dB = 3.08 W/kg = 4.89 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S81US 400MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 58.66$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.78 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

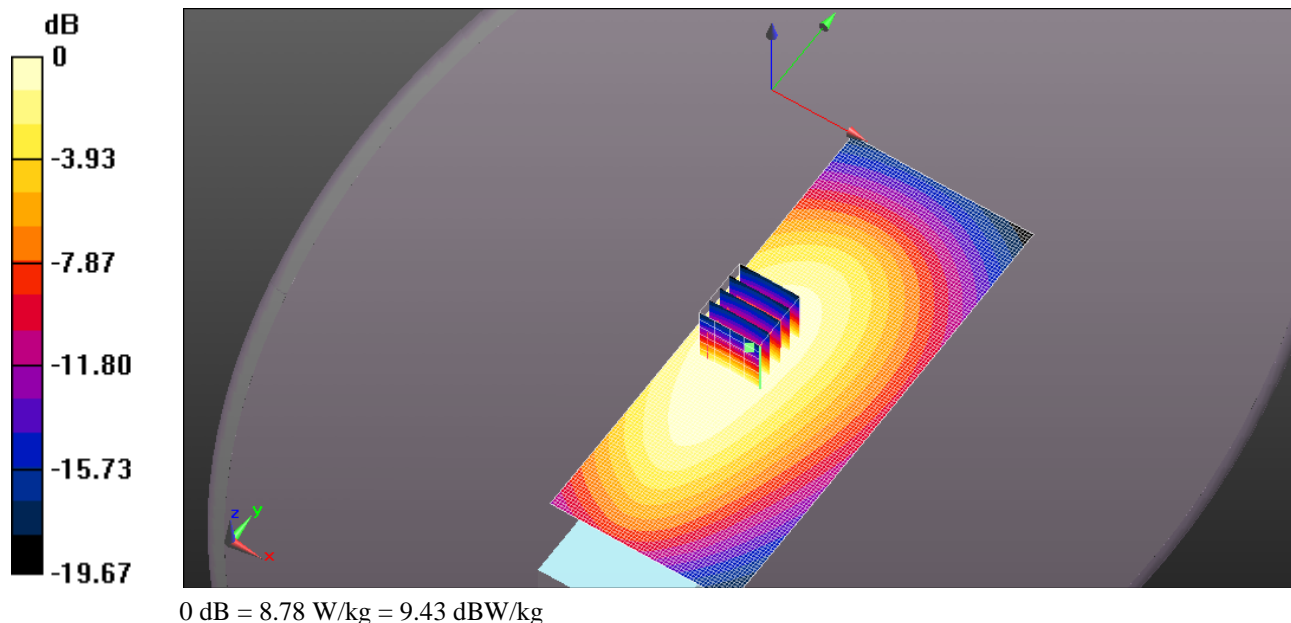
Reference Value = 98.04 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 5.56 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.39 W/kg





Test Laboratory: Ultratech Group of Labs  
File Name: [ICOM-430Q BP-284 FA-S81US 412.5MHz MB-133.da52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

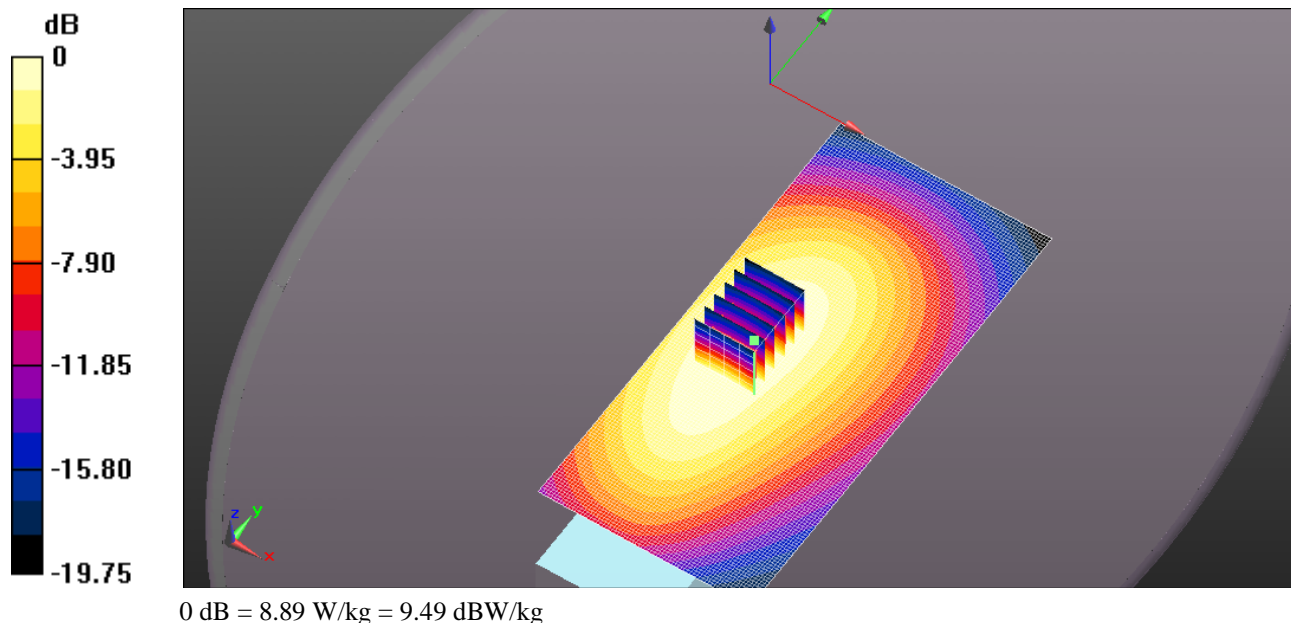
Communication System: UID 0, CW (0); Frequency: 412.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 412.5$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 58.553$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 8.89 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**  
**(5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 100.9 V/m; Power Drift = -0.23 dB  
Peak SAR (extrapolated) = 10.8 W/kg  
**SAR(1 g) = 7.83 W/kg; SAR(10 g) = 5.8 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 8.75 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-4300 BP-284 FA-S81US 425MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 425 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 425$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 58.353$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.86 W/kg

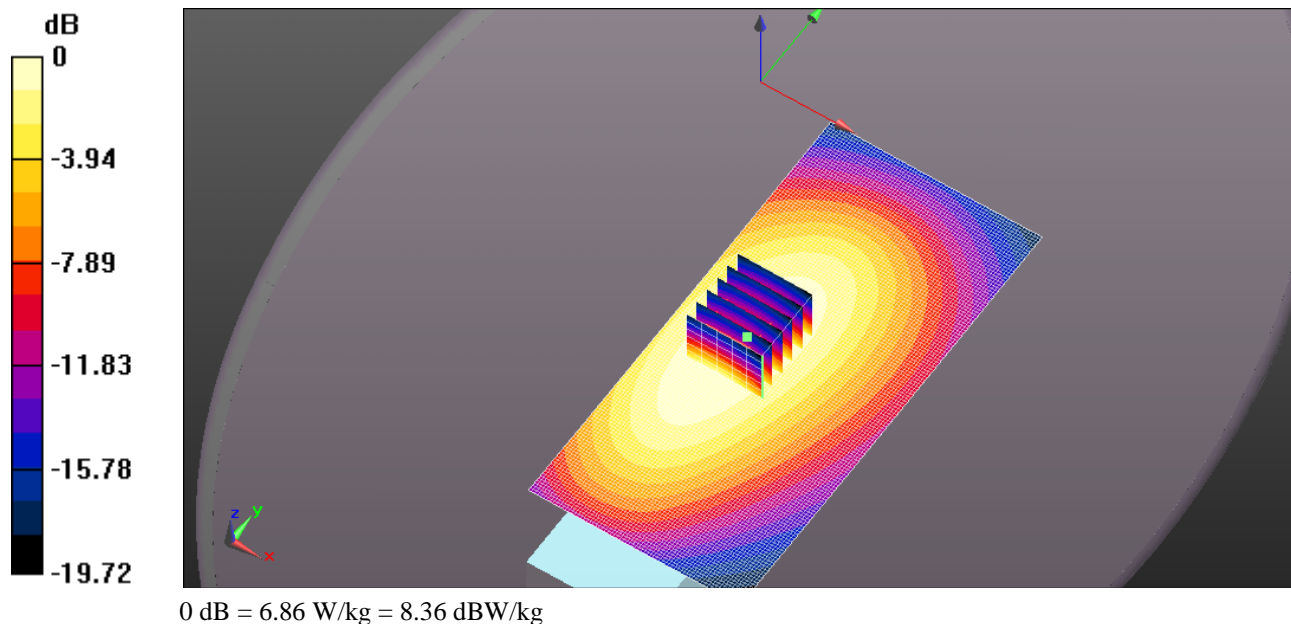
**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 88.20 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.39 W/kg

**SAR(1 g) = 6.08 W/kg; SAR(10 g) = 4.52 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.79 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S81US 437.5MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 437.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 437.5$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 58.074$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

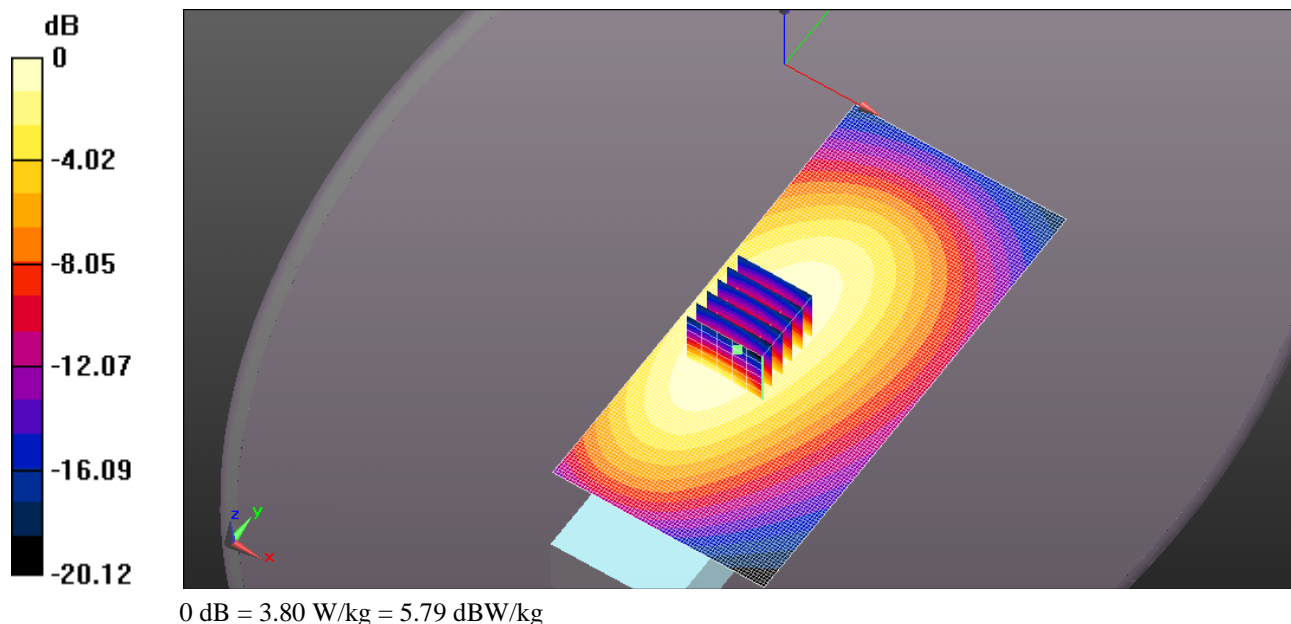
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 3.80 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 67.02 V/m; Power Drift = -0.21 dB  
Peak SAR (extrapolated) = 4.70 W/kg  
**SAR(1 g) = 3.36 W/kg; SAR(10 g) = 2.5 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 3.76 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S81US 450MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 450 MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 57.863$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.30 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

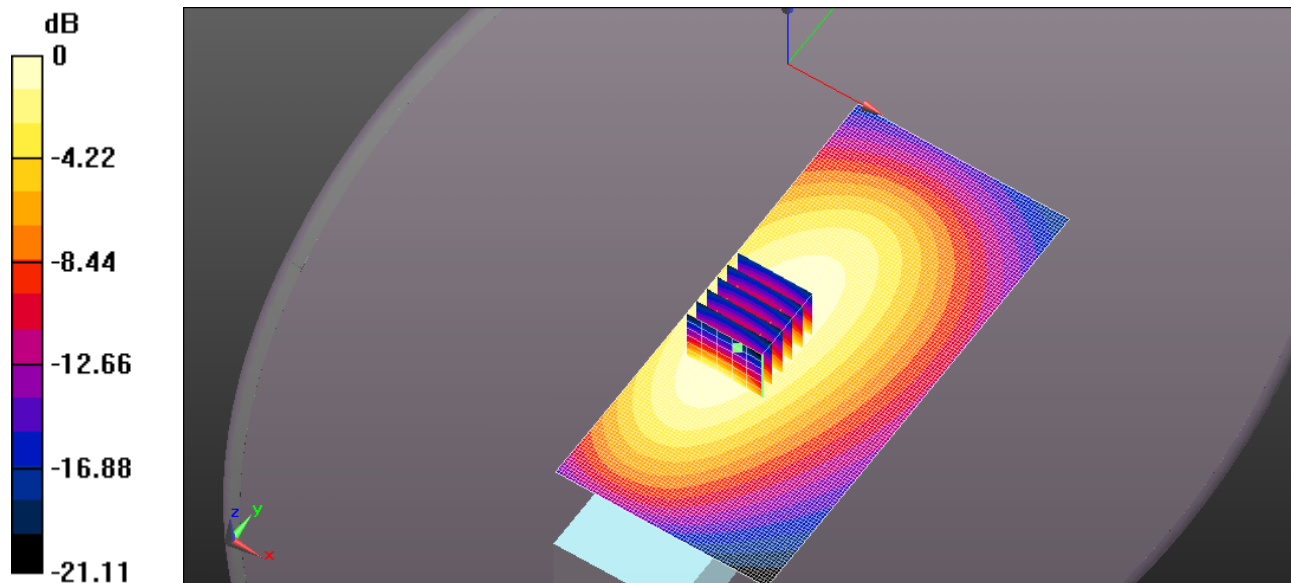
**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 49.34 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.86 W/kg

**SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.51 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 2.30 W/kg = 3.61 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S82U 430MHZ MB-133 .DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 430 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 58.282$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

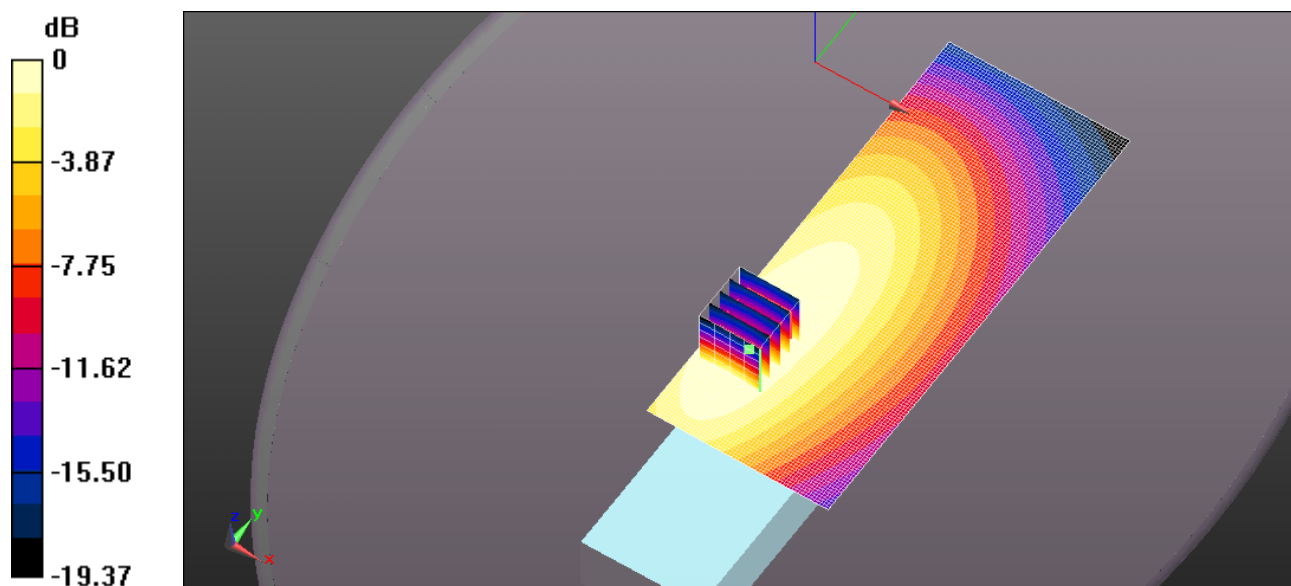
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 10.5 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 103.0 V/m; Power Drift = -0.17 dB  
Peak SAR (extrapolated) = 13.0 W/kg  
**SAR(1 g) = 9.32 W/kg; SAR(10 g) = 6.9 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 10.5 W/kg



0 dB = 10.5 W/kg = 10.21 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S82U 450MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 430 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 430 MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 58.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014



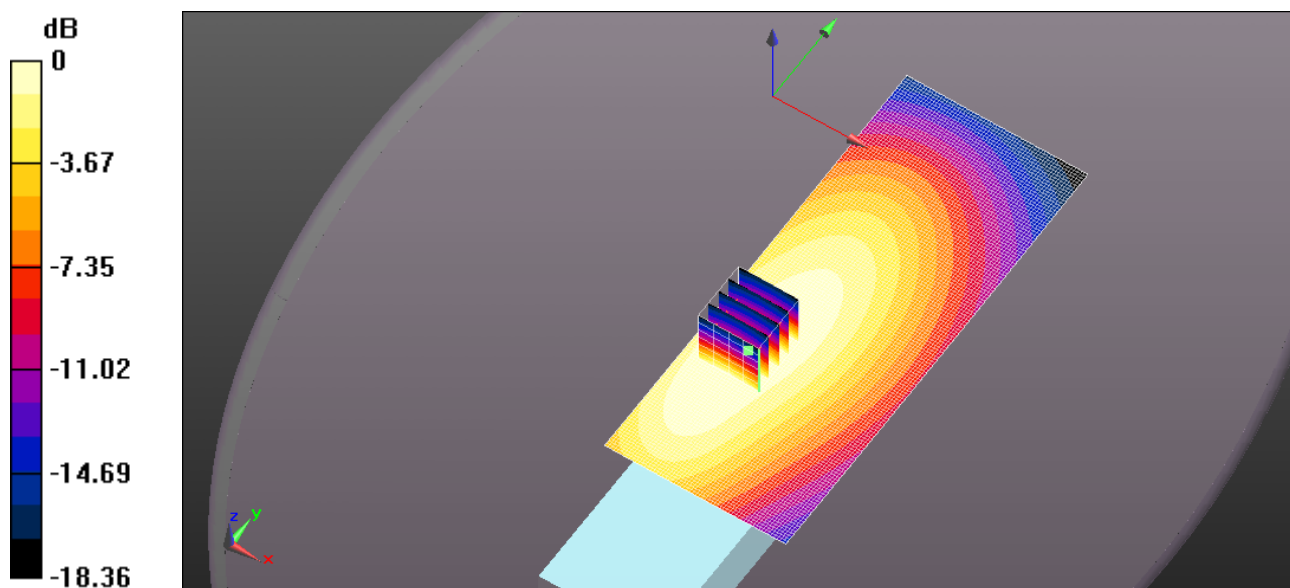
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 10.3 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 107.8 V/m; Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 12.7 W/kg  
**SAR(1 g) = 9.09 W/kg; SAR(10 g) = 6.71 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.3 W/kg = 10.11 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q\\_BP-284\\_FA-S82U\\_470MHZ\\_MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 470 MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.456$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;



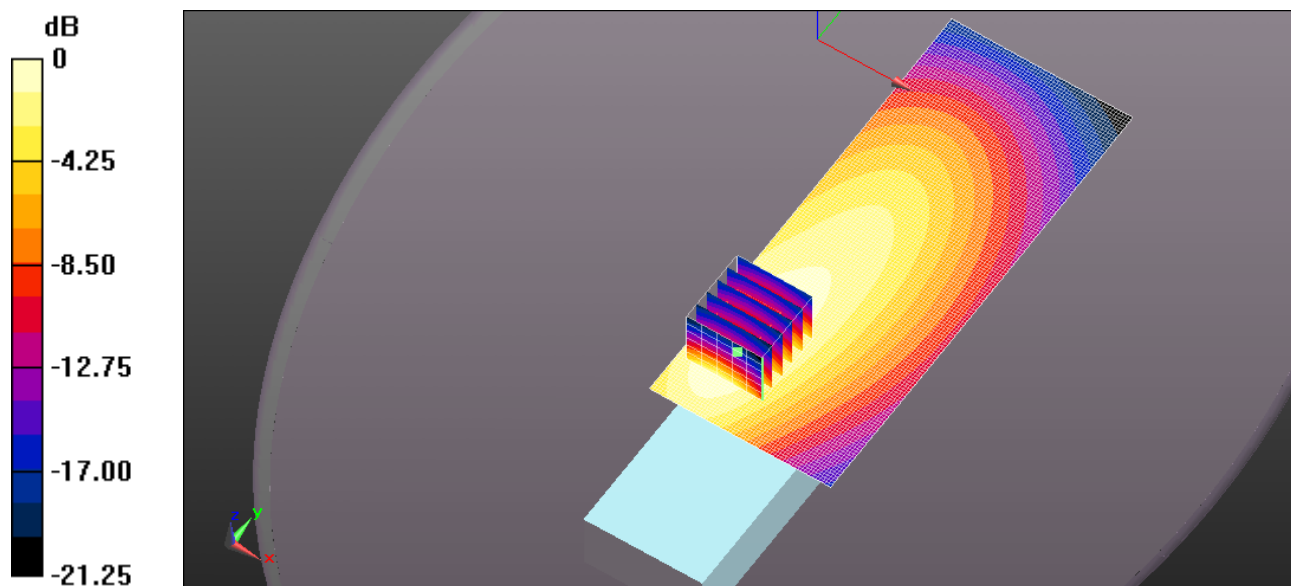
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (61x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 6.68 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 74.19 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 8.51 W/kg  
**SAR(1 g) = 5.85 W/kg; SAR(10 g) = 4.15 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.66 W/kg



Test Laboratory: Ultratech Group of Labs

**FILE NAME:** [ICOM-430Q BP-284 FA-S82US 450MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 450 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 450 MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 57.863$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.73 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

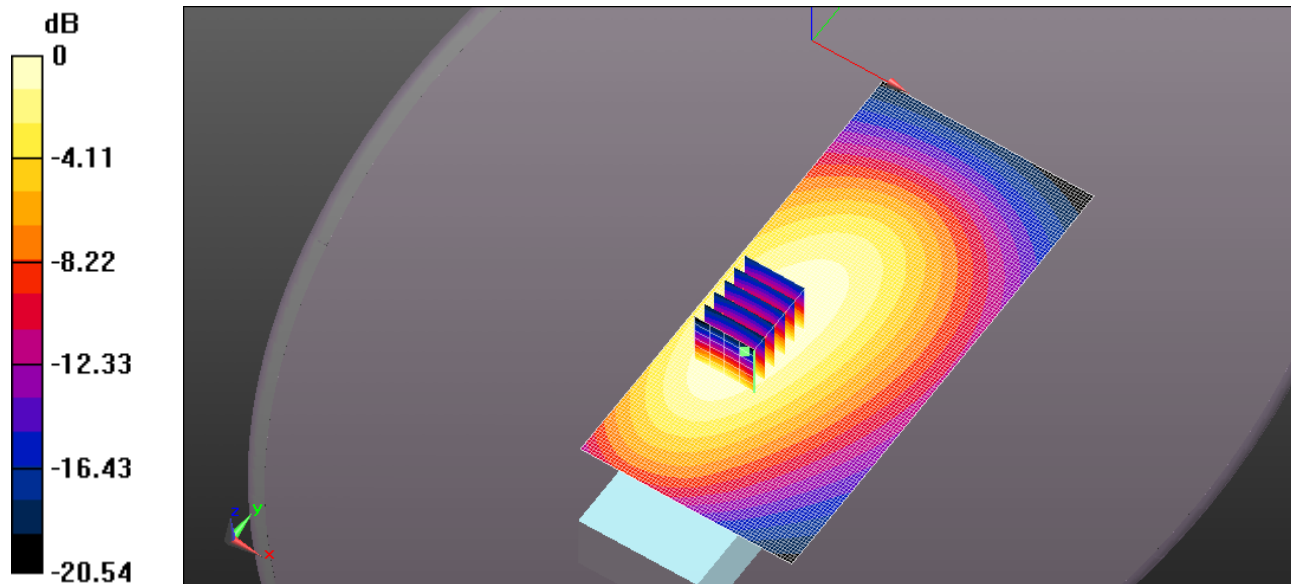
**(5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 87.46 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 9.52 W/kg

**SAR(1 g) = 6.78 W/kg; SAR(10 g) = 4.96 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 7.59 W/kg



0 dB = 7.73 W/kg = 8.88 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S82US 460MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.952$  S/m;  $\epsilon_r = 57.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

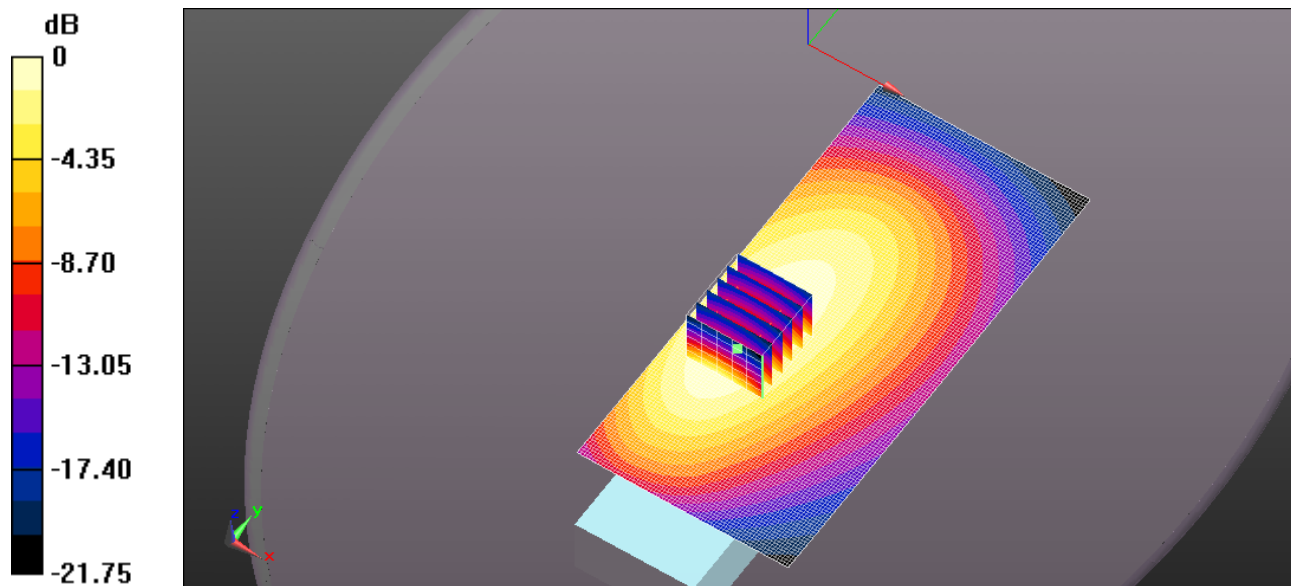
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 10.0 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)  
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm**

Reference Value = 96.63 V/m; Power Drift = -0.25 dB  
Peak SAR (extrapolated) = 12.5 W/kg  
**SAR(1 g) = 8.74 W/kg; SAR(10 g) = 6.32 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 9.84 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S82US 460MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.952$  S/m;  $\epsilon_r = 57.622$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 10.0 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

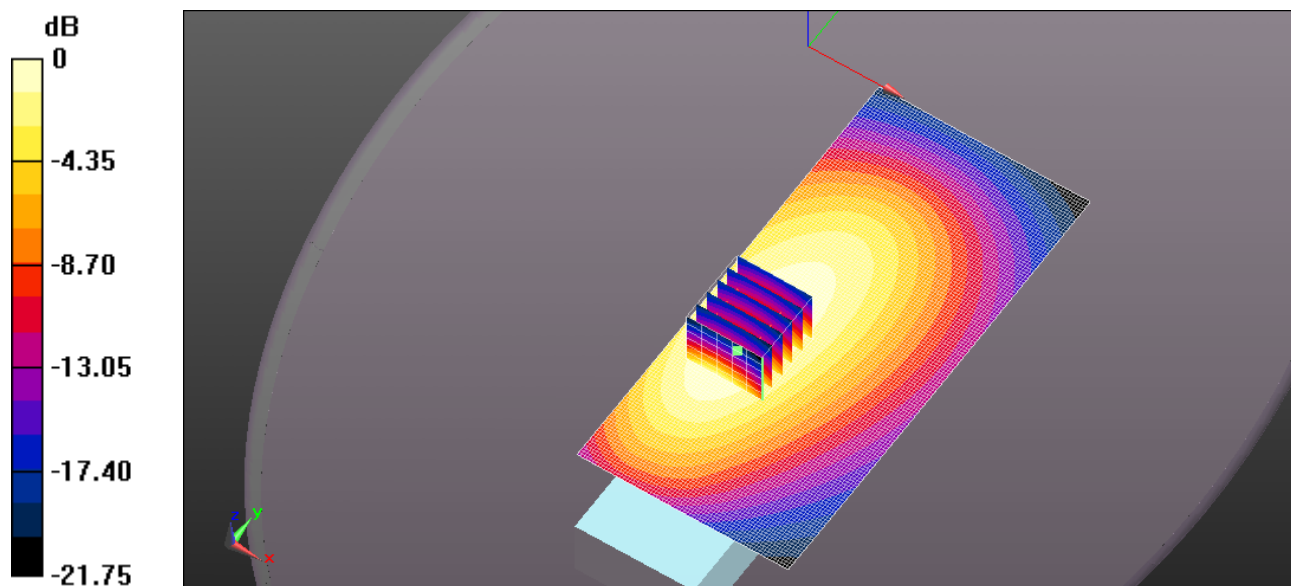
**(6x6x7)/Cube 0:** Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 96.63 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 12.5 W/kg

**SAR(1 g) = 8.74 W/kg; SAR(10 g) = 6.32 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.84 W/kg







Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-430Q BP-284 FA-S82US 470MHz MB-133.da52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.456$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 10/9/2014
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.17 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

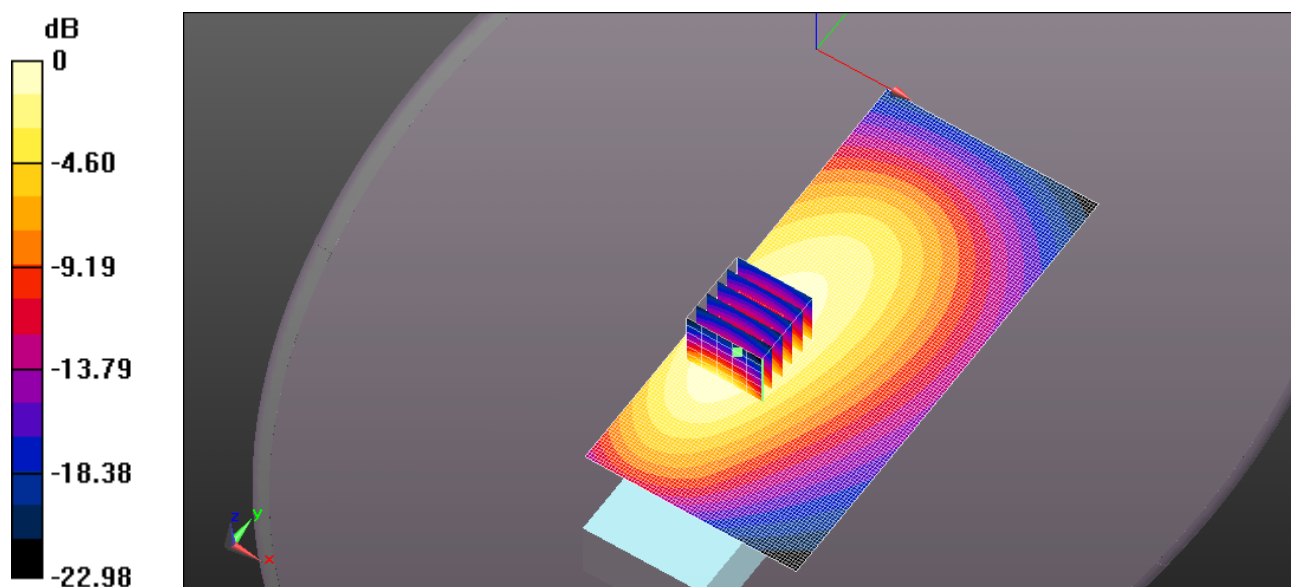
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 86.71 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 11.7 W/kg

**SAR(1 g) = 8.06 W/kg; SAR(10 g) = 5.72 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.17 W/kg



0 dB = 9.17 W/kg = 9.62 dBW/kg

Test Laboratory: Ultratech Group of Labs

**FILE NAME: [ICOM-430Q BP-284 FA-S76UC 165MM 400MHZ MB-133.DA52:0](#)**

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 57.627$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.3 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

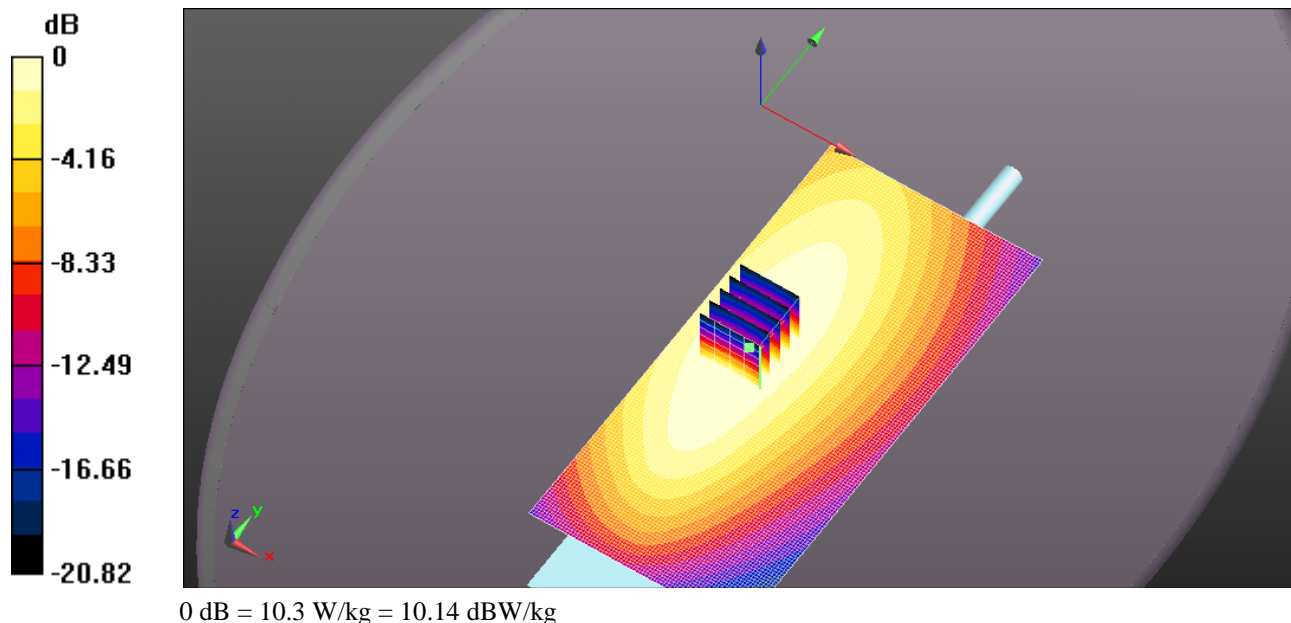
Reference Value = 110.3 V/m; Power Drift = -0.22 dB

Peak SAR (extrapolated) = 12.4 W/kg

**SAR(1 g) = 9 W/kg; SAR(10 g) = 6.71 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.0 W/kg





Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 165MM 420MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 420$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 57.383$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.20 W/kg

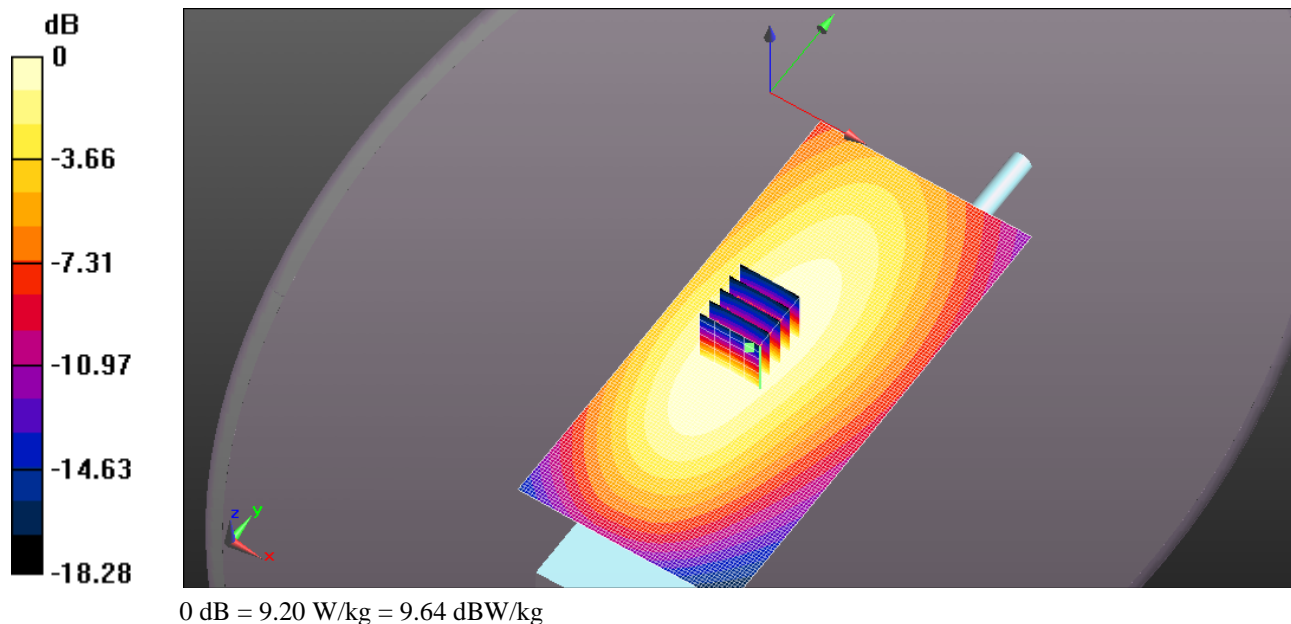
**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 106.4 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 8.08 W/kg; SAR(10 g) = 5.99 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 9.03 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 165MM 440MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 57.138$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

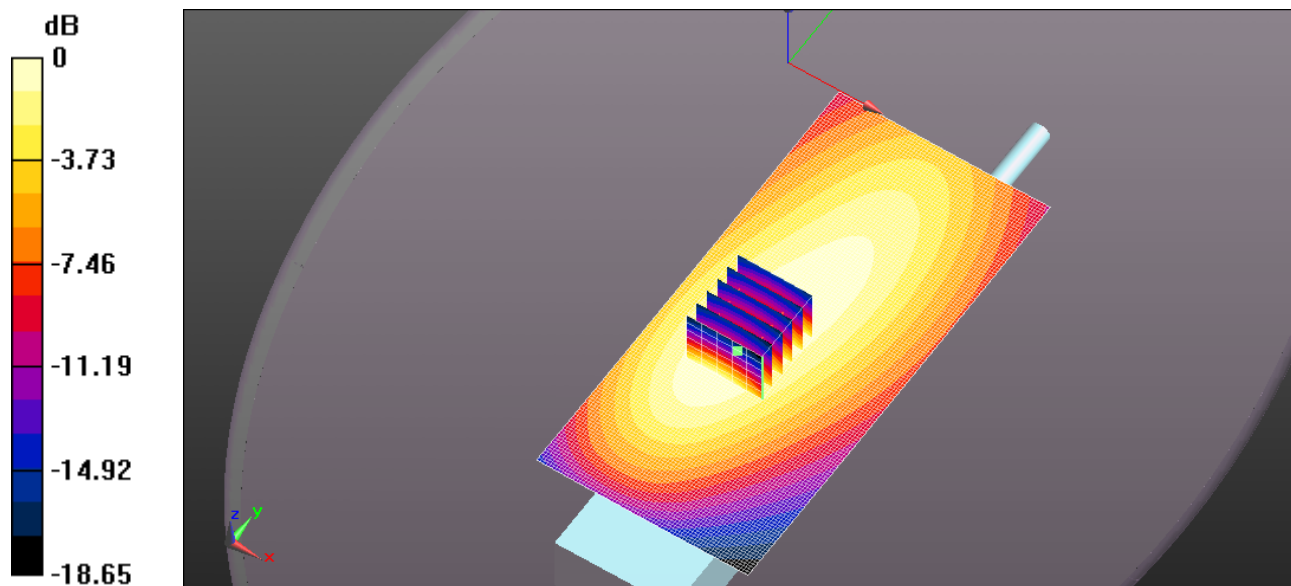
**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.63 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 92.69 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 9.38 W/kg  
**SAR(1 g) = 6.75 W/kg; SAR(10 g) = 5.01 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 7.55 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 165MM 460MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 460 MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 56.824$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.66 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

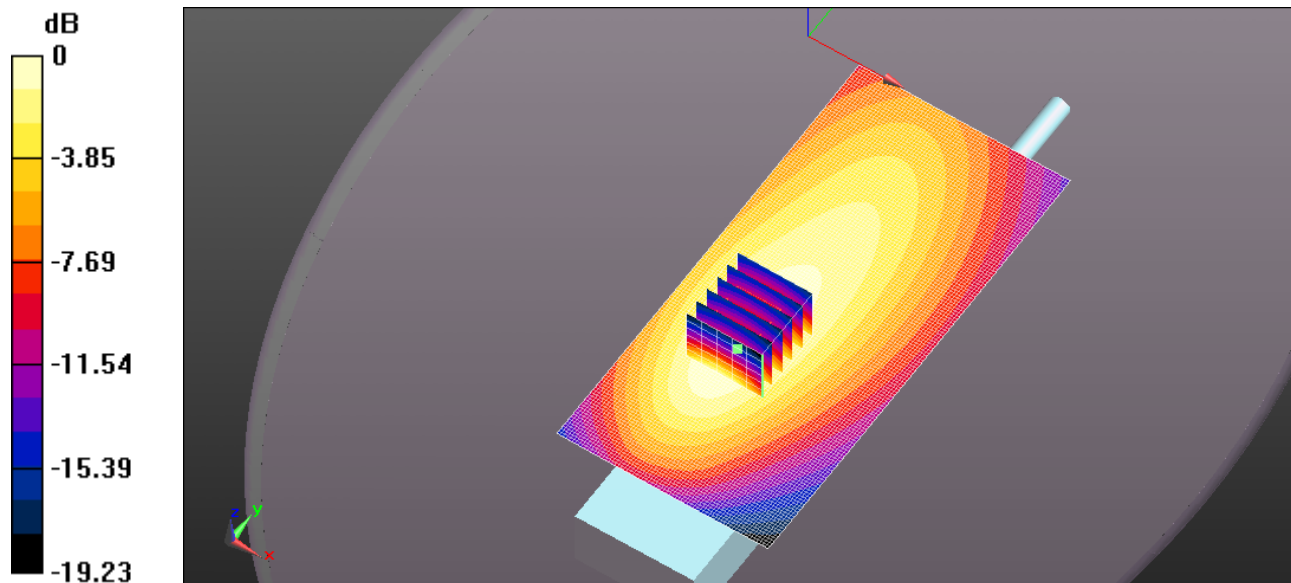
**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 76.99 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.41 W/kg

**SAR(1 g) = 5.8 W/kg; SAR(10 g) = 4.15 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.59 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-4300 BP-284 FA-S76UC 165MM 470MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 56.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

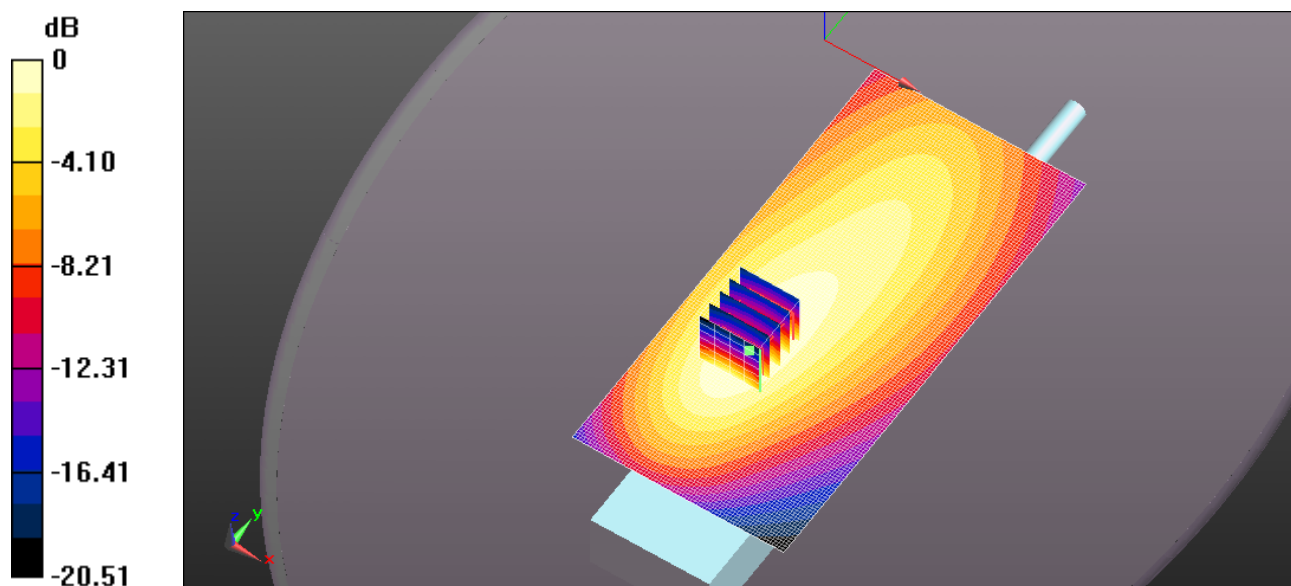
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 6.75 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 14.10 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 8.53 W/kg  
**SAR(1 g) = 5.83 W/kg; SAR(10 g) = 4.13 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.64 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 400MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 400 MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 57.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015

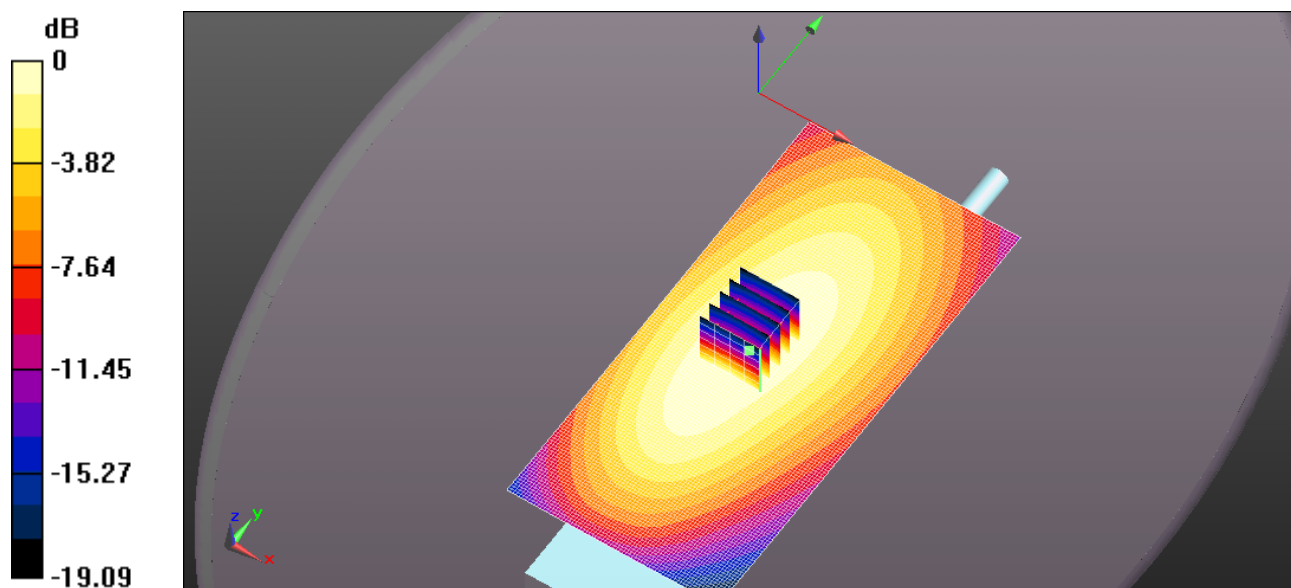
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 9.10 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 16.59 V/m; Power Drift = -0.20 dB  
Peak SAR (extrapolated) = 10.6 W/kg  
**SAR(1 g) = 7.66 W/kg; SAR(10 g) = 5.69 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 8.57 W/kg



0 dB = 9.10 W/kg = 9.59 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 420MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 420 MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 57.383$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:



- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.37 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

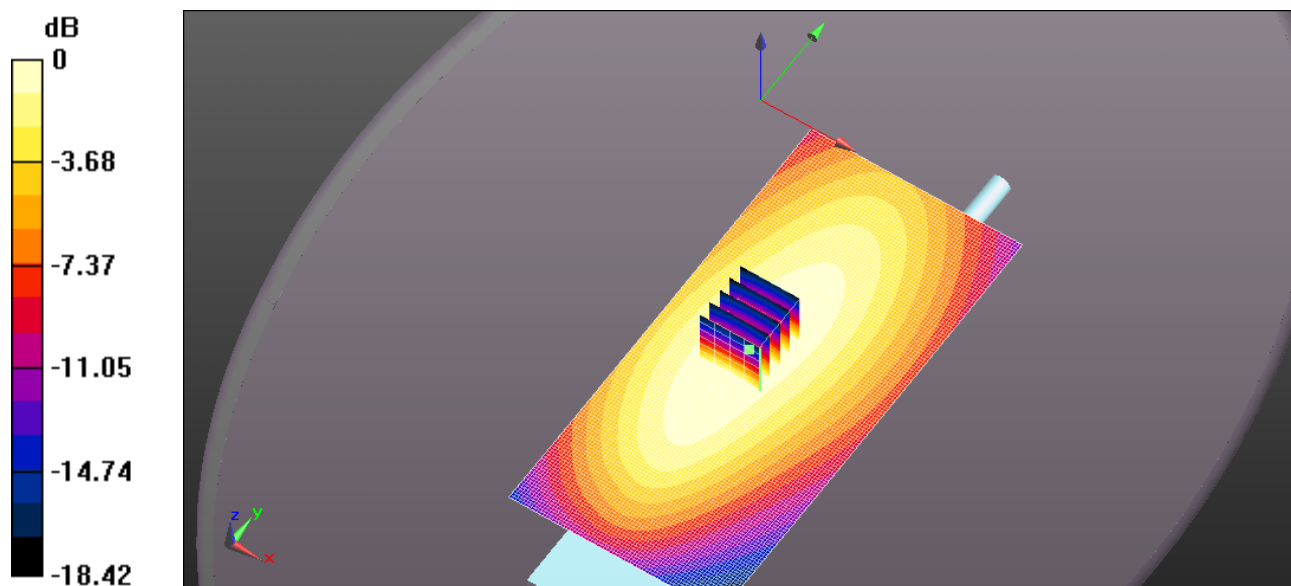
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.94 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 7.94 W/kg; SAR(10 g) = 5.91 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.84 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 440MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1

Medium parameters used: f = 440 MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 57.138$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)



DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.11 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

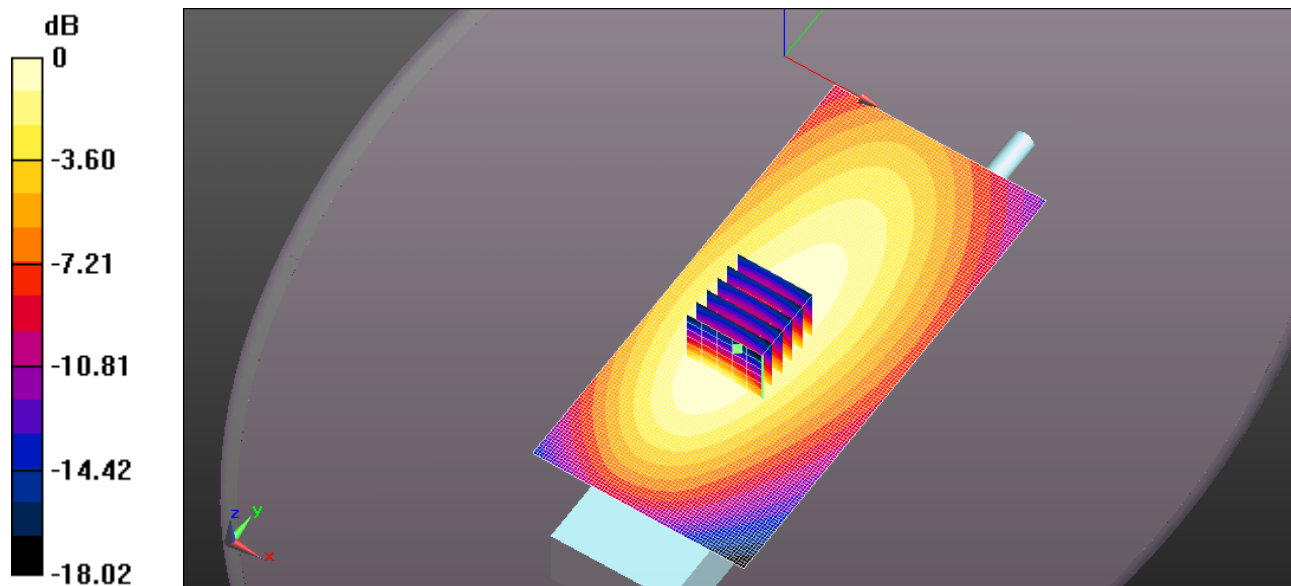
**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.28 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 7.98 W/kg; SAR(10 g) = 5.91 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.94 W/kg



0 dB = 9.11 W/kg = 9.60 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 460MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 56.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

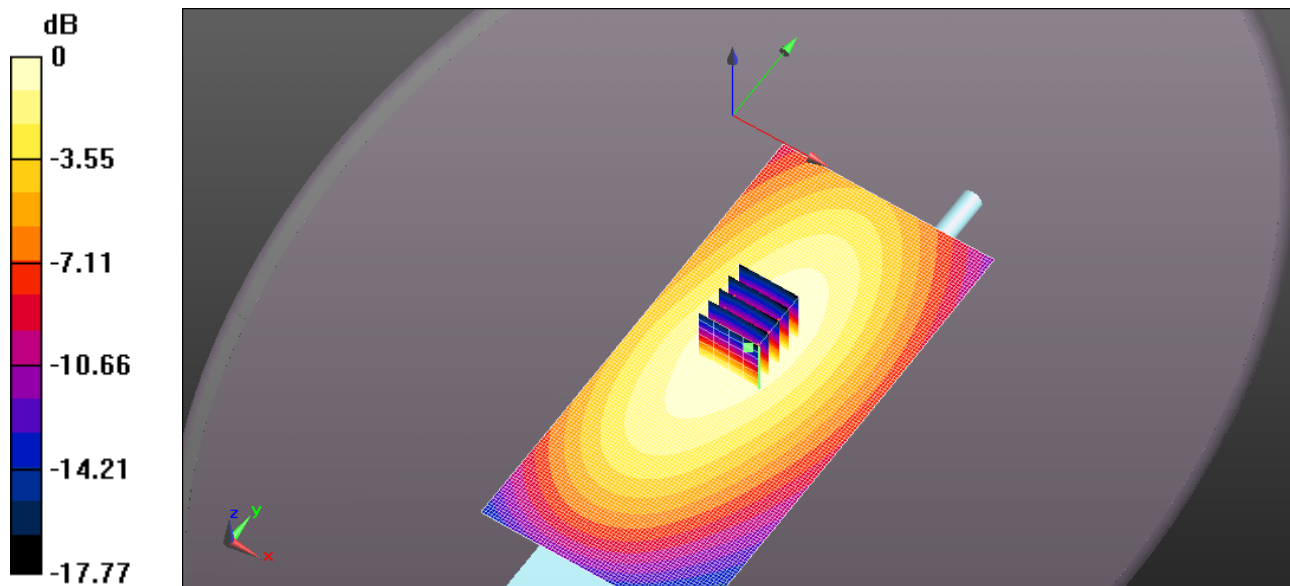
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 7.65 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)  
(5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm**

Reference Value = 17.21 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 9.45 W/kg  
**SAR(1 g) = 6.72 W/kg; SAR(10 g) = 4.93 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 7.55 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 156MM 470MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 56.733$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.69 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

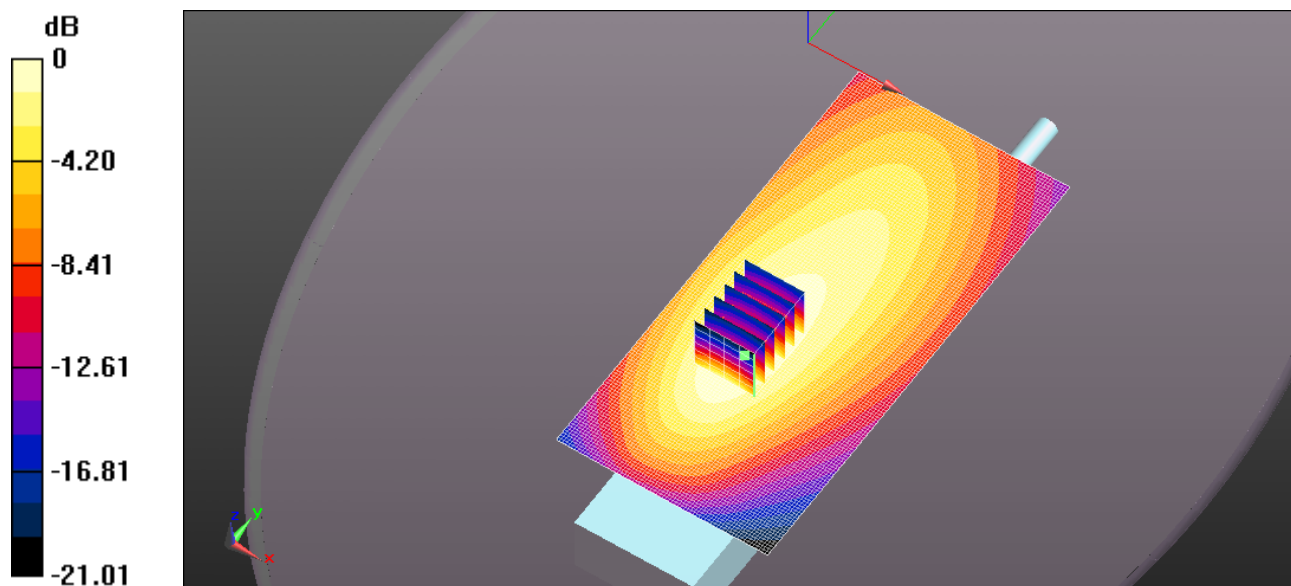
**(5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.12 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 7.49 W/kg; SAR(10 g) = 5.3 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.54 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 400MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 57.627$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.54 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

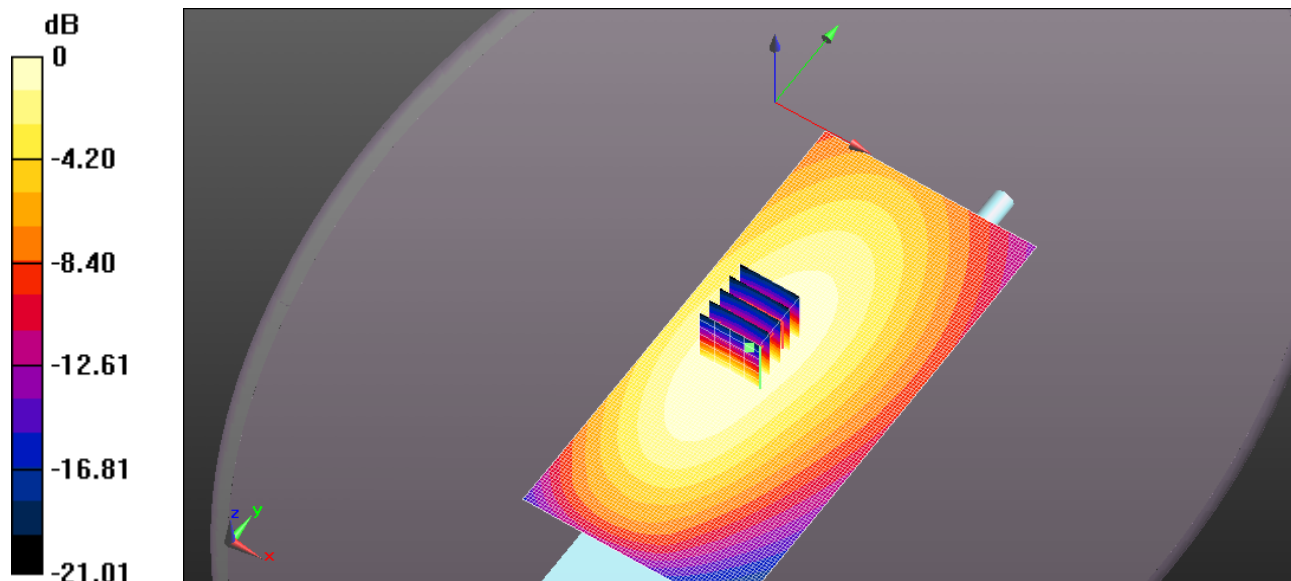
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.13 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 9.24 W/kg

**SAR(1 g) = 6.71 W/kg; SAR(10 g) = 4.99 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 7.49 W/kg



0 dB = 7.54 W/kg = 8.78 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 420MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 420$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 57.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.37 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

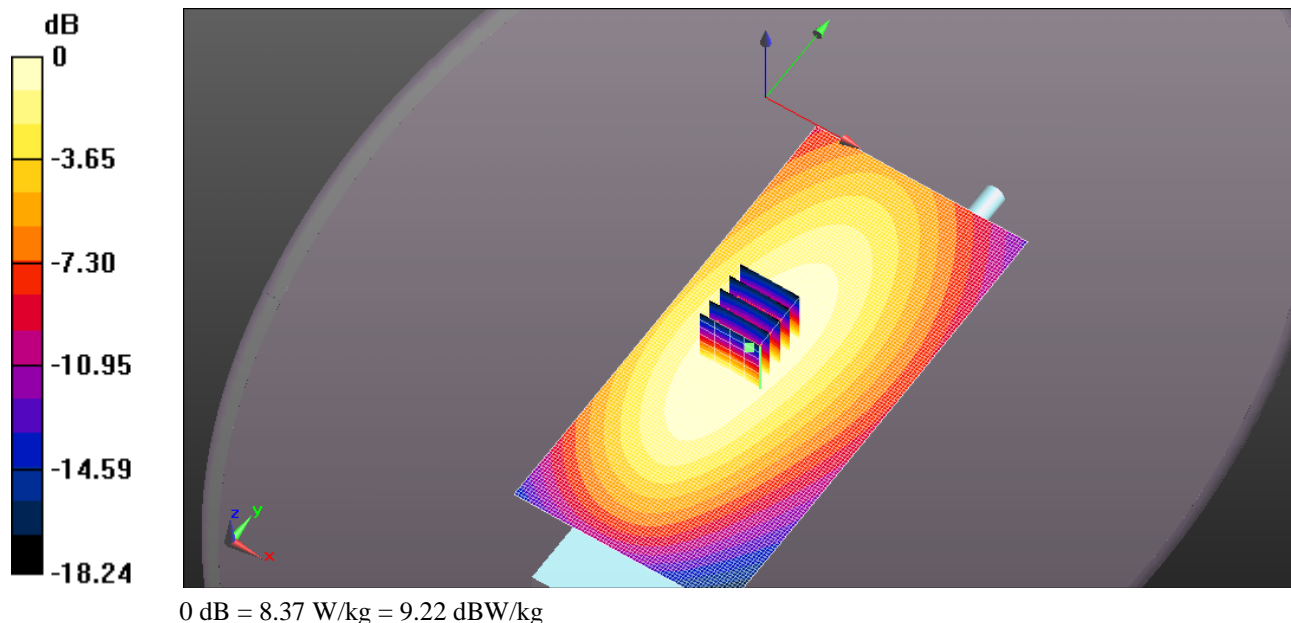
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.28 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 9.84 W/kg

**SAR(1 g) = 7.13 W/kg; SAR(10 g) = 5.31 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 7.96 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 440MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 57.138$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.29 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

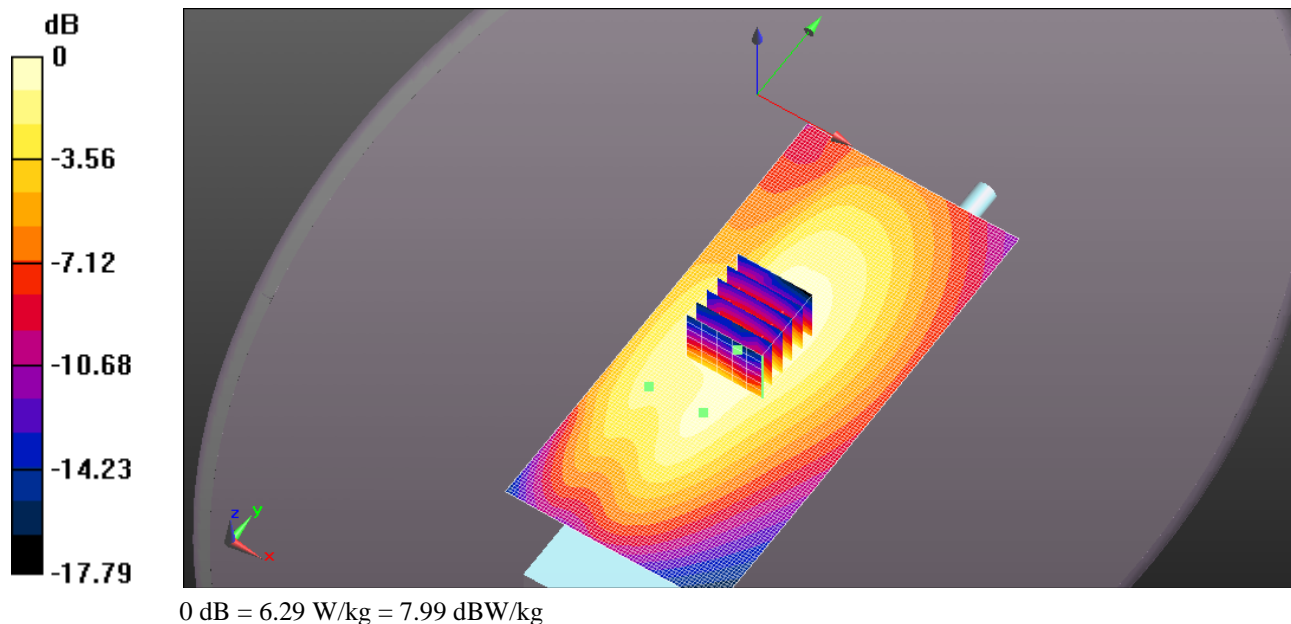
**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.18 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 7.76 W/kg



SAR(1 g) = 5.41 W/kg; SAR(10 g) = 3.9 W/kg (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.01 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 460MHZ MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 460$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 56.824$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

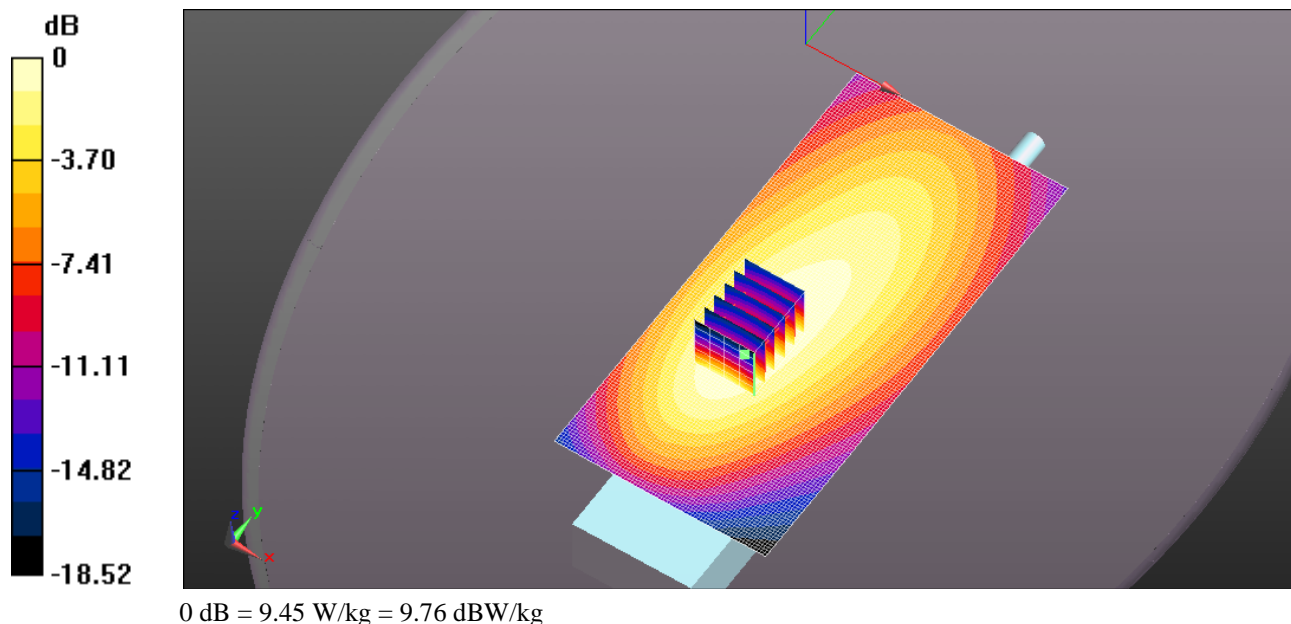
**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.45 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 16.78 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 11.8 W/kg  
**SAR(1 g) = 8.21 W/kg; SAR(10 g) = 5.95 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 9.28 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 148MM 470MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 56.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**  
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.67 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

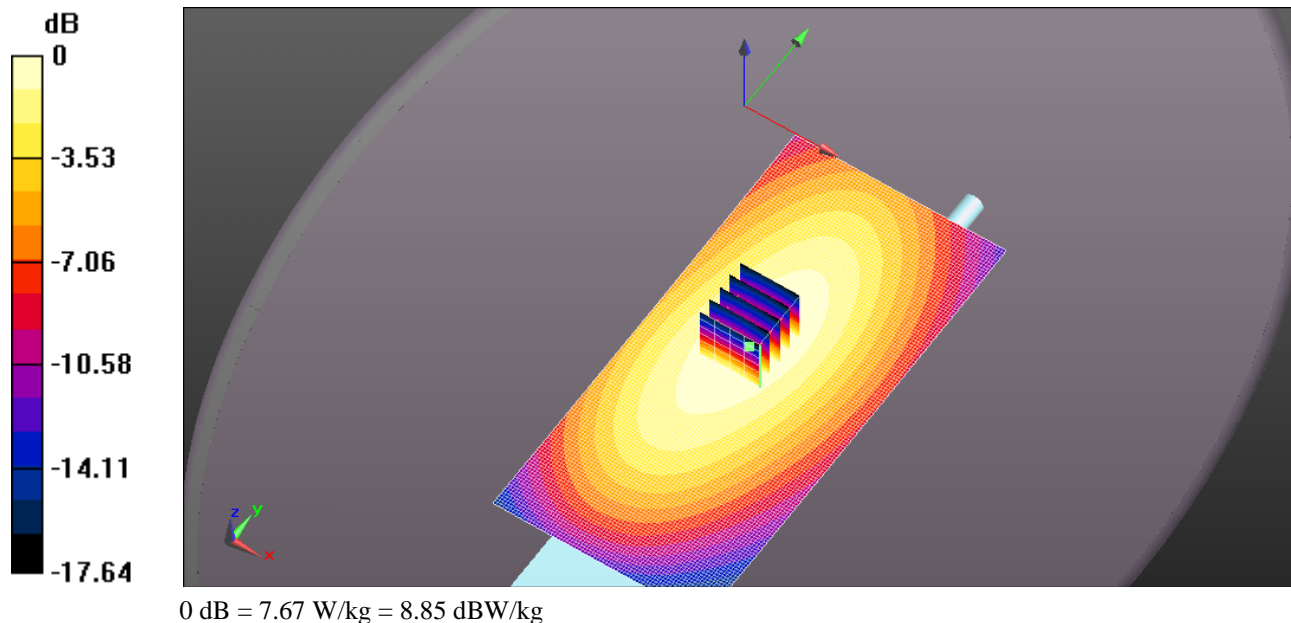
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.30 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.43 W/kg

**SAR(1 g) = 6.7 W/kg; SAR(10 g) = 4.9 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 7.53 W/kg



Test Laboratory: Ultratech Group of Labs

**FILE NAME:** [ICOM-4300 BP-284 FA-S76UC 142MM 400MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 400 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 57.627$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

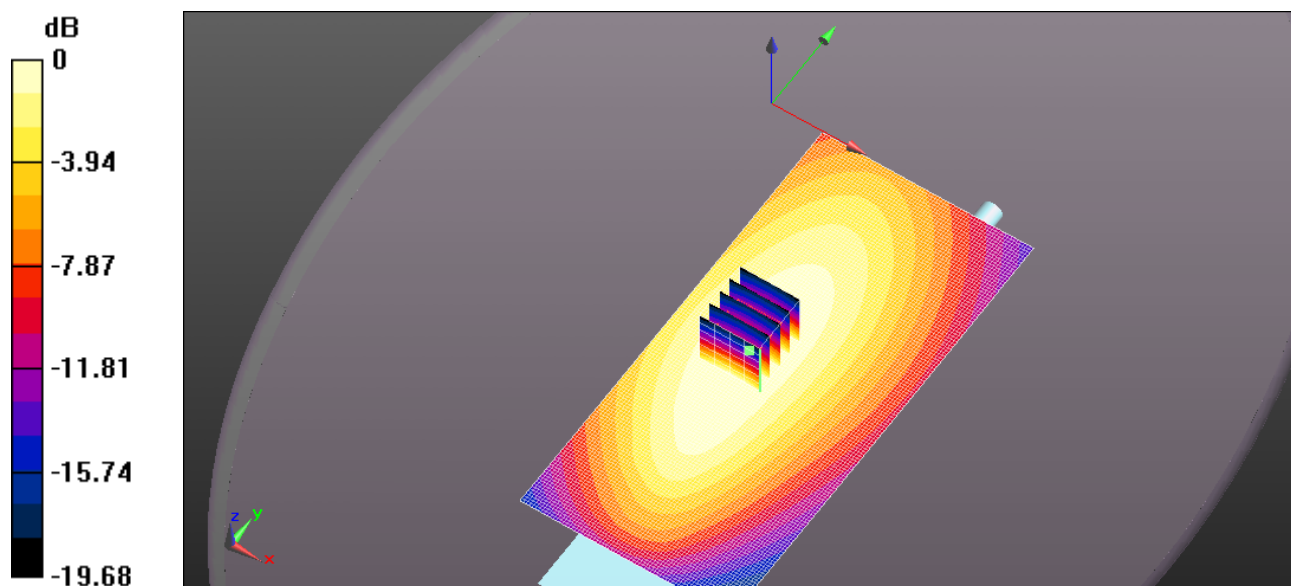
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 6.28 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 13.33 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 7.69 W/kg  
**SAR(1 g) = 5.61 W/kg; SAR(10 g) = 4.2 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.24 W/kg



0 dB = 6.28 W/kg = 7.98 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-430Q BP-284 FA-S76UC 142mm 420MHz MB-133.da52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 420 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 420$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 57.383$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057

- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.93 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

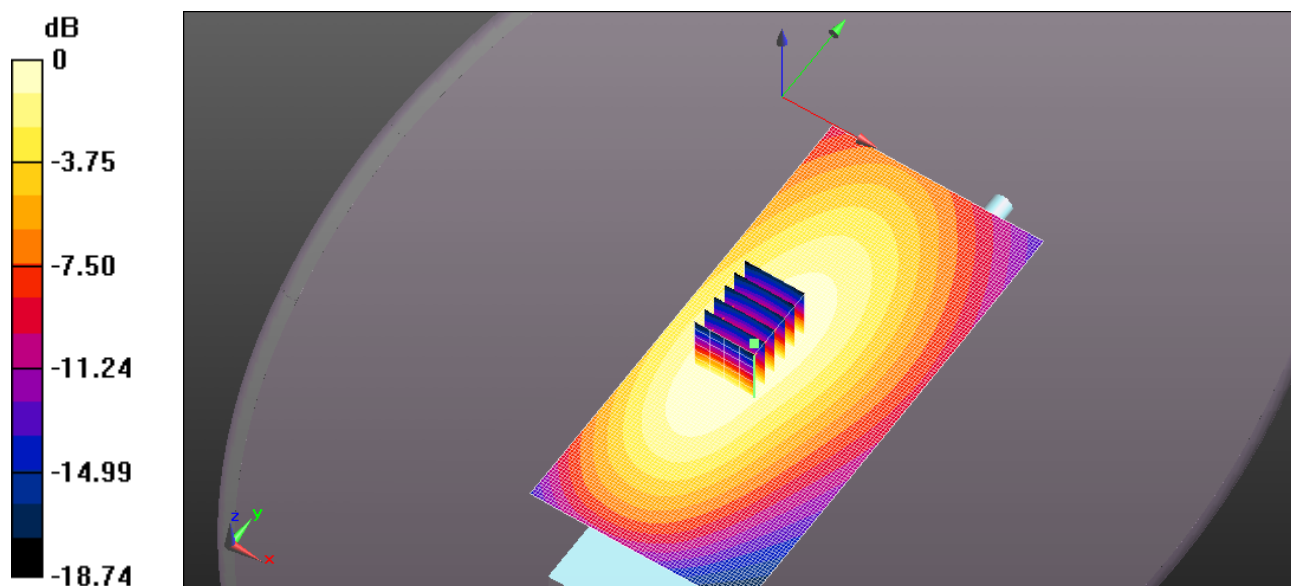
**(5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.48 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 8.15 W/kg

**SAR(1 g) = 5.89 W/kg; SAR(10 g) = 4.37 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.57 W/kg



0 dB = 6.93 W/kg = 8.41 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 142MM 440MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 440 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 57.138$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;

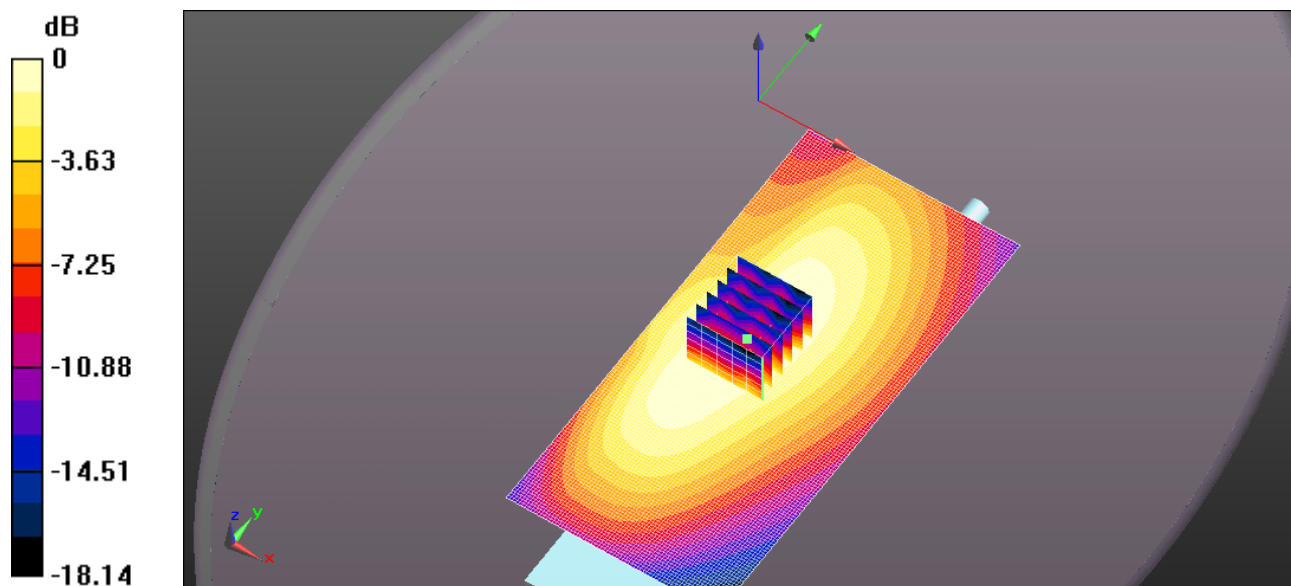
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 6.19 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

**(6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 17.71 V/m; Power Drift = -0.20 dB  
Peak SAR (extrapolated) = 8.04 W/kg  
**SAR(1 g) = 5.07 W/kg; SAR(10 g) = 3.63 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 5.81 W/kg



0 dB = 6.19 W/kg = 7.91 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q BP-284 FA-S76UC 142MM 460MHZ MB-133.DA52:0](#)

**DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407**

Communication System: UID 0, CW (0); Frequency: 460 MHz; Duty Cycle: 1:1  
Medium parameters used: f = 460 MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 56.824$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section:  
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)



DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.90 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)**

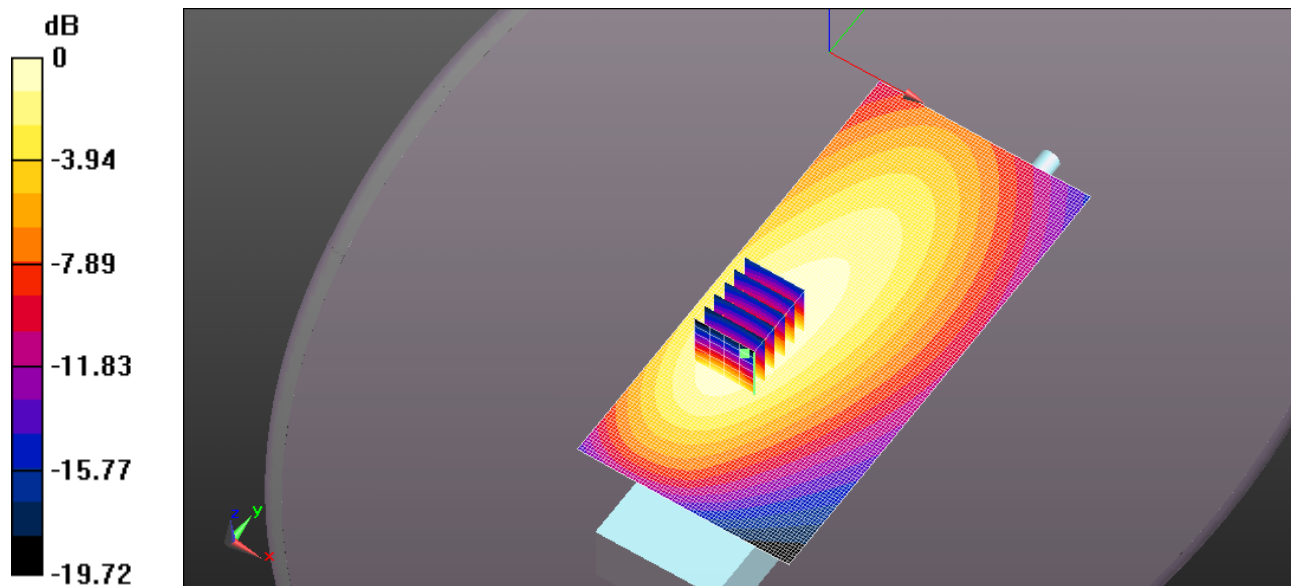
**(5x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.33 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.4 W/kg

**SAR(1 g) = 8.61 W/kg; SAR(10 g) = 6.2 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.73 W/kg



0 dB = 9.90 W/kg = 9.96 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [ICOM-430Q\\_BP-284\\_FA-S76UC\\_142MM\\_470MHZ\\_MB-133.DA52:0](#)

DUT: IC-F4400DT; Type: UHF Transceiver ; Serial: 01000407

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 470$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 56.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

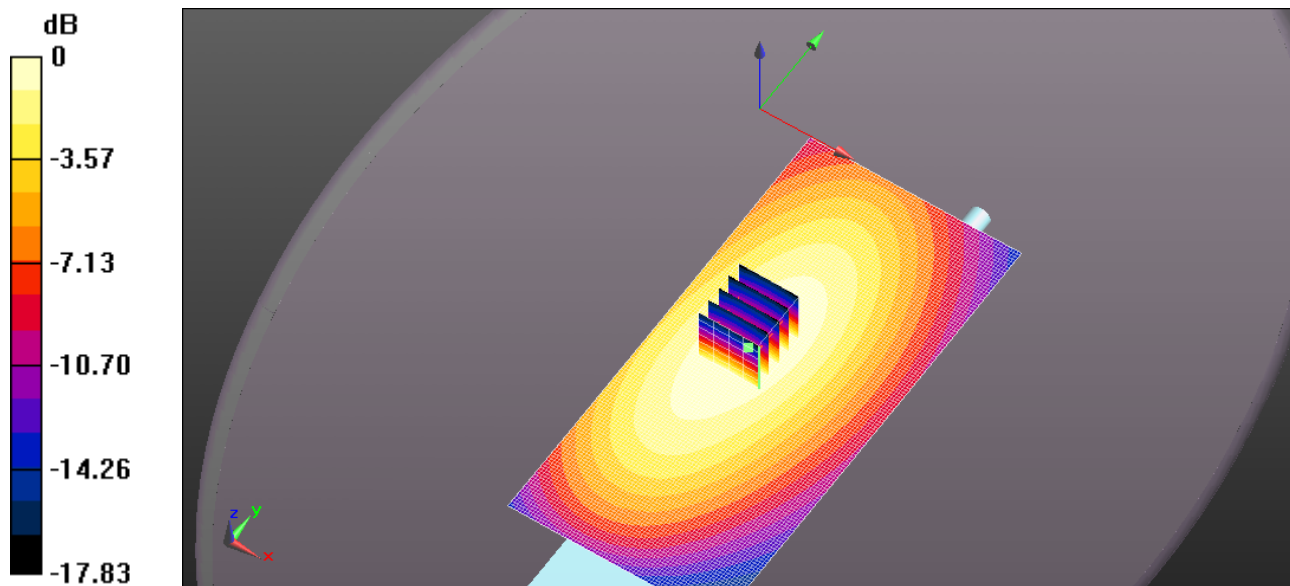
- Probe: ES3DV3 - SN3250; ConvF(6.93, 6.93, 6.93); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/24/2015
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Area Scan (71x151x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 6.96 W/kg

**Configuration\_Body\_IC-F4400DT/Body back, P=5W, d=0mm/Zoom Scan (5x5x7)  
(5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm**

Reference Value = 18.13 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 8.62 W/kg  
**SAR(1 g) = 6.12 W/kg; SAR(10 g) = 4.48 W/kg** (SAR corrected for target medium)  
Maximum value of SAR (measured) = 6.88 W/kg



0 dB = 6.96 W/kg = 8.43 dBW/kg