

# APPENDIX 1

## SAR Measurement Data

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**EXHIBIT 1. HEAD SAR MEASUREMENTS**

*Head SAR Measurement Summary*

Antenna	Power (dBm)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)	Power Drift (dB)
			(MHz)	BP-280	BP-280	
				2250mAh	2250mAh	
FA-B02AR	32.81	1	118.000	0.0793	0.0623	-0.6
	32.58	2	122.750	0.136	0.107	0.05
	32.70	3	127.500	0.303	0.236	0
	32.75	4	132.240	0.944	0.732	-0.03
	32.74	5	136.990	0.954	0.737	-0.02

File Name: ICOM-498Q Head FA-B02AR BP-280 118MHz.da52:0

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 118 MHz; Duty Cycle: 1:1  
Medium parameters used (extrapolated):  $f = 118$  MHz;  $\sigma = 0.731$  S/m;  $\epsilon_r = 54.744$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.71, 10.71, 10.71); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

### ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x5x7)/Cube

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

Reference Value = 10.69 V/m; Power Drift = -0.60 dB

Peak SAR (extrapolated) = 0.118 W/kg

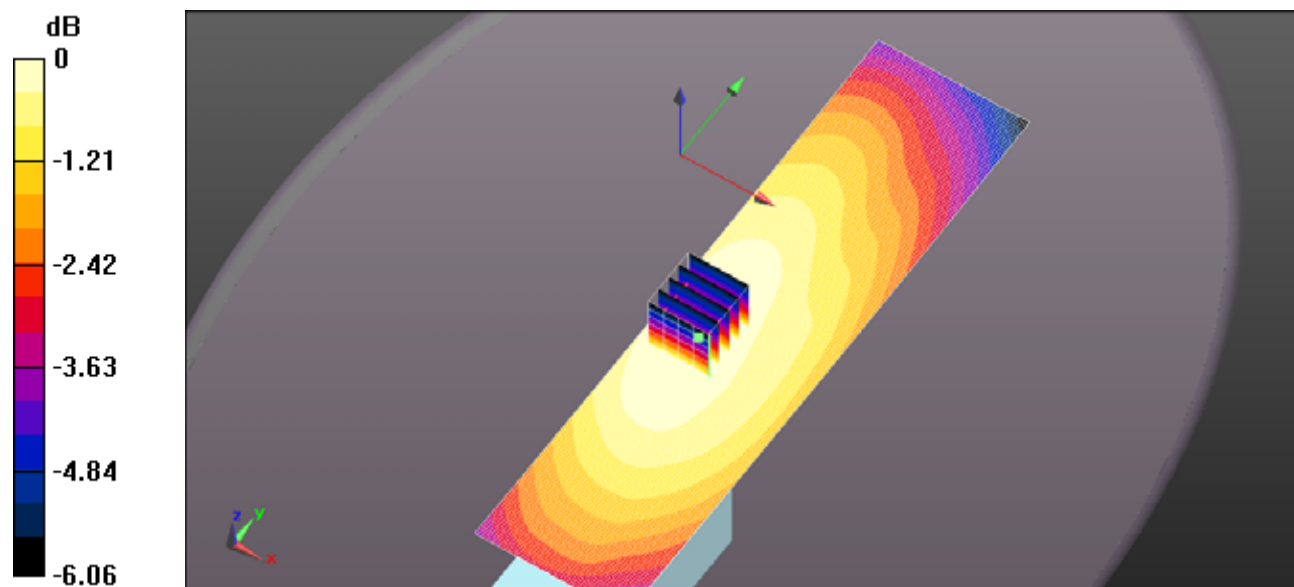
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.062 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.100 W/kg

### ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Area Scan (51x201x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.100 W/kg



0 dB = 0.100 W/kg = -9.99 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: ICOM-498Q Head FA-B02AR BP-280 122.75MHz.da52:0

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 122.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 122.75$  MHz;  $\sigma = 0.735$  S/m;  $\epsilon_r = 54.436$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.71, 10.71, 10.71); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x5x7)/Cube**

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

Reference Value = 12.98 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.200 W/kg

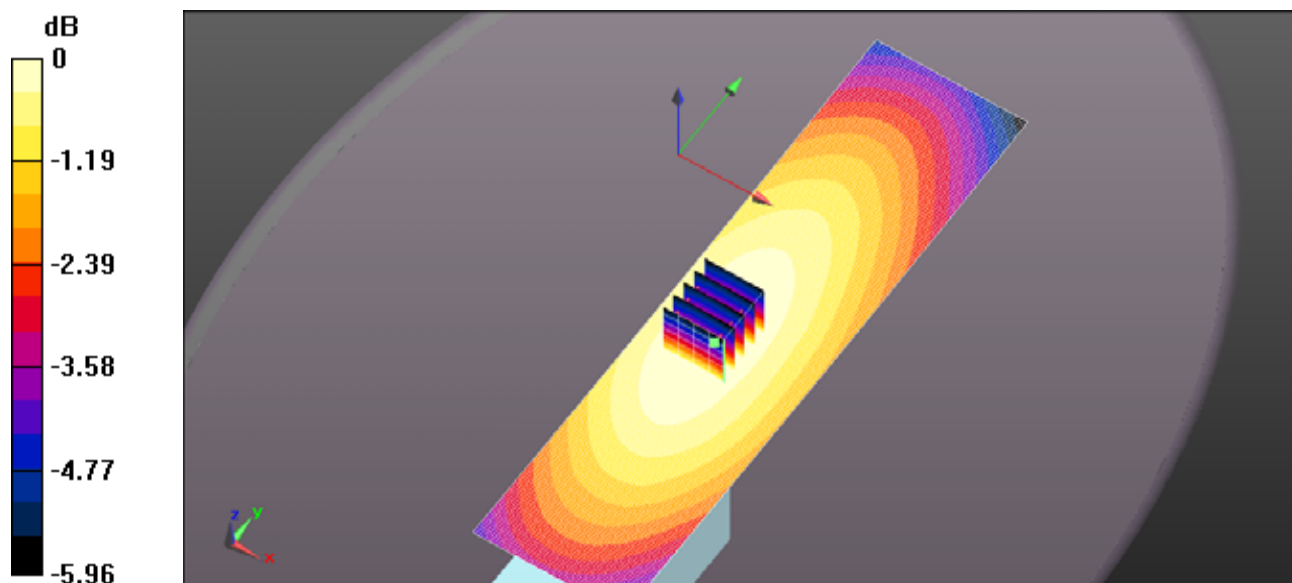
**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.107 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.172 W/kg

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Area Scan (51x201x1):** Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.171 W/kg



0 dB = 0.172 W/kg = -7.65 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: ICOM-498Q Head FA-B02AR BP-280 127.5MHz.da52:0

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 127.5 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 128$  MHz;  $\sigma = 0.74$  S/m;  $\epsilon_r = 54.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.71, 10.71, 10.71); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x6x7)/Cube**

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

Reference Value = 19.04 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.452 W/kg

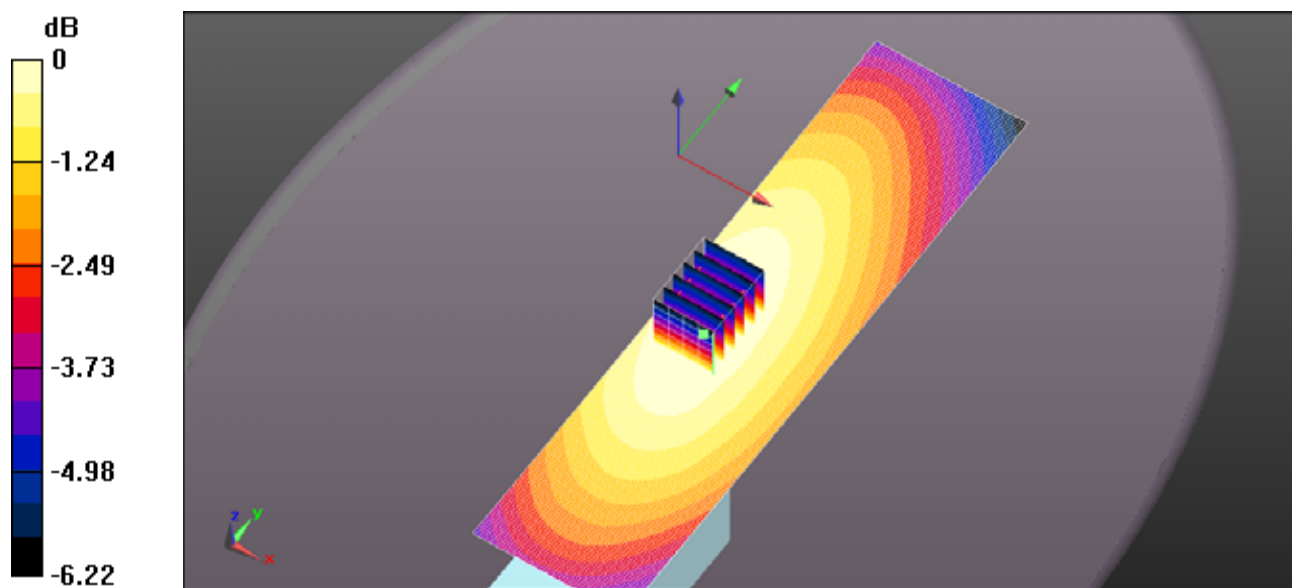
**SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.236 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.385 W/kg

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Area Scan (51x201x1):** Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.384 W/kg



Test Laboratory: Ultratech Group of Labs

**File Name:** ICOM-498Q Head FA-B02AR BP-280 132.24MHz.da52:0

**DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203**

Communication System: UID 10000, CW; Frequency: 132.24 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 132.24$  MHz;  $\sigma = 0.746$  S/m;  $\epsilon_r = 53.419$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.71, 10.71, 10.71); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x5x7)/Cube**

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

Reference Value = 32.55 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.40 W/kg

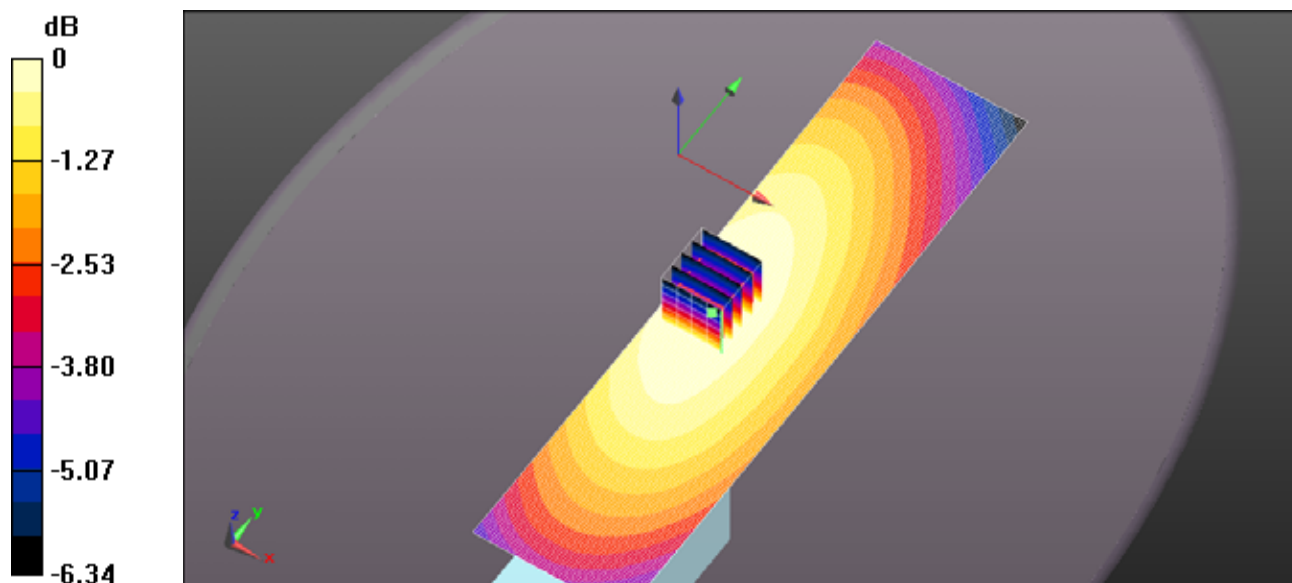
**SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.732 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.21 W/kg

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Area Scan (51x201x1): Interpolated**

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.19 W/kg



0 dB = 1.21 W/kg = 0.81 dBW/kg

Test Laboratory: Ultratech Group of Labs

**File Name:** ICOM-498Q Head FA-B02AR BP-280 136.99MHz.da52:0

**DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203**

Communication System: UID 10000, CW; Frequency: 136.99 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 136.99$  MHz;  $\sigma = 0.75$  S/m;  $\epsilon_r = 52.981$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.71, 10.71, 10.71); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x5x7)/Cube**

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

Reference Value = 31.47 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.43 W/kg

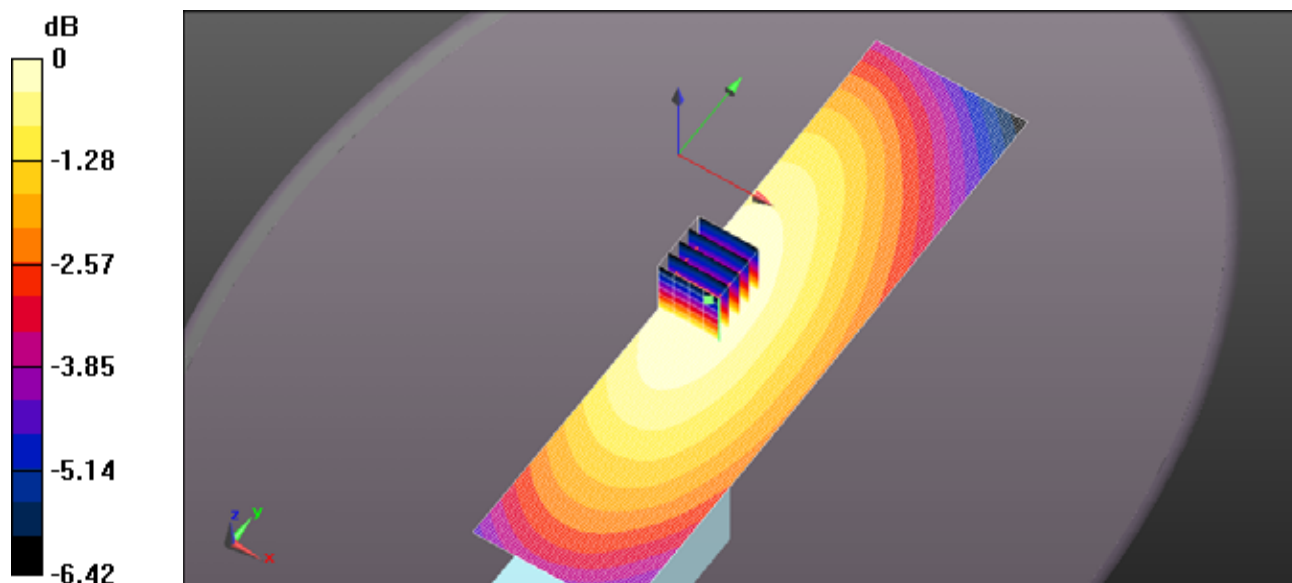
**SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.737 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.22 W/kg

**ICOM-498Q IC-A16 Head SAR Evaluation/Pin=1.8W/Area Scan (51x201x1):** Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg



## EXHIBIT 2. BODY SAR MEASUREMENTS

### BATTERY PRESCAN MEASUREMENTS

#### Prescan Measurements

Belt Clip	Antenna	Power (dBm)	CH	CH. Freq	Battery	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Power Drift (dB)
				(MHz)				
MB-133	FA-B02AR	32.74	5	136.99	BP-278	0.208	0.173	-0.35
					BP-279	0.195	0.147	-1.06
					BP-280	0.149	0.112	-0.56

#### Prescan Measurement Scaled for Power Drift

Belt Clip	Antenna	Power (dBm)	CH	CH. Freq	Battery	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Scale Factor(dB)
				(MHz)				
MB-133	FA-B02AR	32.74	5	136.99	BP-278	0.225	0.173	0.35
					BP-279	0.249	0.188	1.06
					BP-280	0.170	0.127	0.56

BP-279 Resulted in the Highest SAR Values.

#### Final Body SAR Measurements

Antenna	Power (dBm)	CH	CH. Freq	Body SAR1g (W/Kg)	Body SAR10g (W/Kg)	Power Drift (dB)
			(MHz)	MB-133	MB-133	
				BP-279	BP-279	
FA-B02AR	32.81	1	118.000	0.428	0.325	-0.2
	32.58	2	122.750	0.441	0.334	-0.37
	32.70	3	127.500	0.874	0.664	-0.06
	32.75	4	132.240	0.512	0.387	-0.33
	32.74	5	136.990	0.195	0.147	-0.35

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-498Q Body FA-B02AR BP-278 136.99MHz.da52:0](#)

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 136.99 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 136.99$  MHz;  $\sigma = 0.771$  S/m;  $\epsilon_r = 61.512$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.55, 10.55, 10.55); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (6x6x7)/Cube

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

Reference Value = 15.22 V/m; Power Drift = -0.35 dB

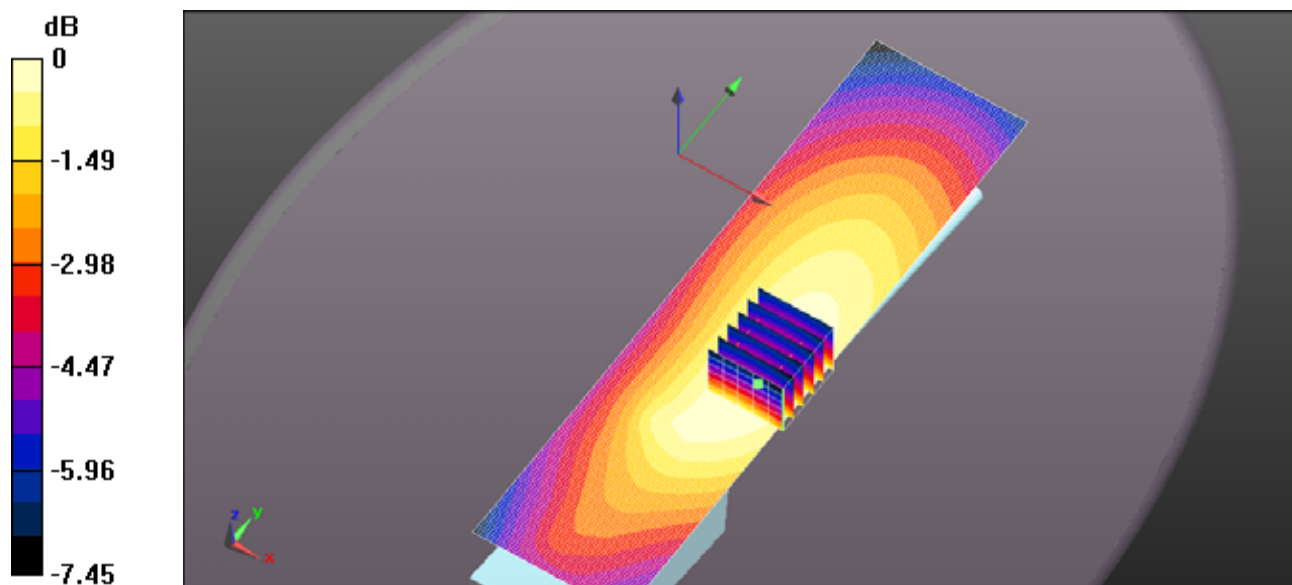
Peak SAR (extrapolated) = 0.319 W/kg

**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.157 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.271 W/kg

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Area Scan (51x201x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.273 W/kg



Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-498Q Body FA-B02AR BP-279 136.99MHz.da52:0](#)

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 136.99 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 136.99$  MHz;  $\sigma = 0.771$  S/m;  $\epsilon_r = 61.512$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.55, 10.55, 10.55); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x5x7)/Cube**

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

Reference Value = 15.79 V/m; Power Drift = -1.06 dB

Peak SAR (extrapolated) = 0.299 W/kg

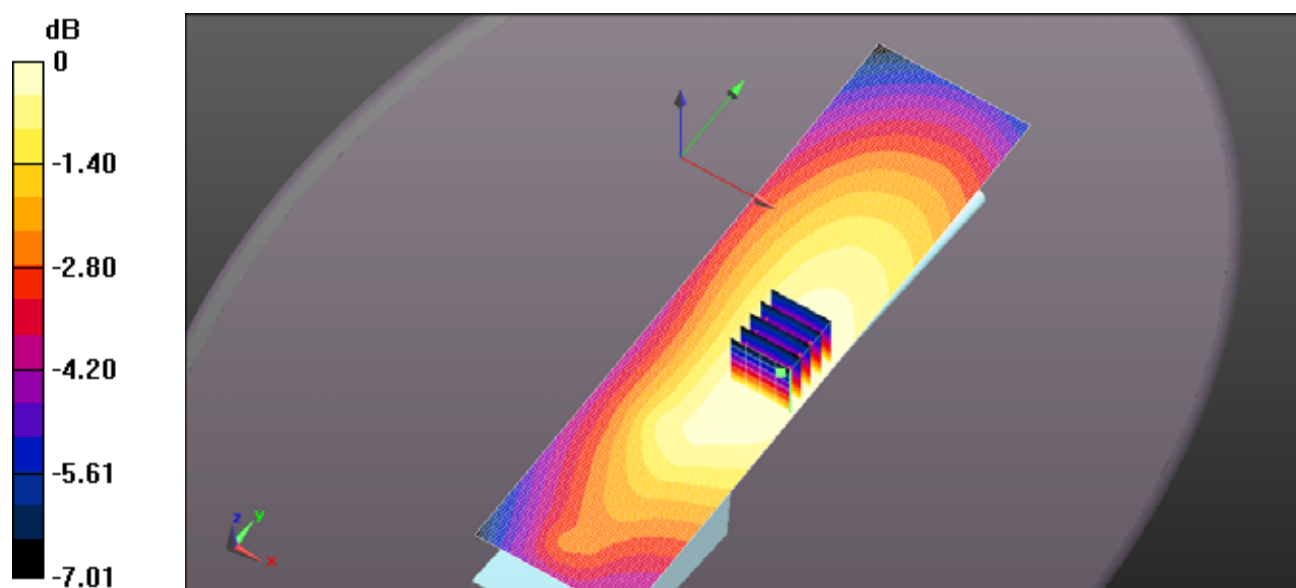
**SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.147 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.253 W/kg

**ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Area Scan (51x201x1):** Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.267 W/kg



0 dB = 0.253 W/kg = -5.96 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-498Q Body FA-B02AR BP-280 136.99MHz.da52:0](#)

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 136.99 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 136.99$  MHz;  $\sigma = 0.771$  S/m;  $\epsilon_r = 61.512$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.55, 10.55, 10.55); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x7x7)/Cube

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

Reference Value = 12.75 V/m; Power Drift = -0.56 dB

Peak SAR (extrapolated) = 0.231 W/kg

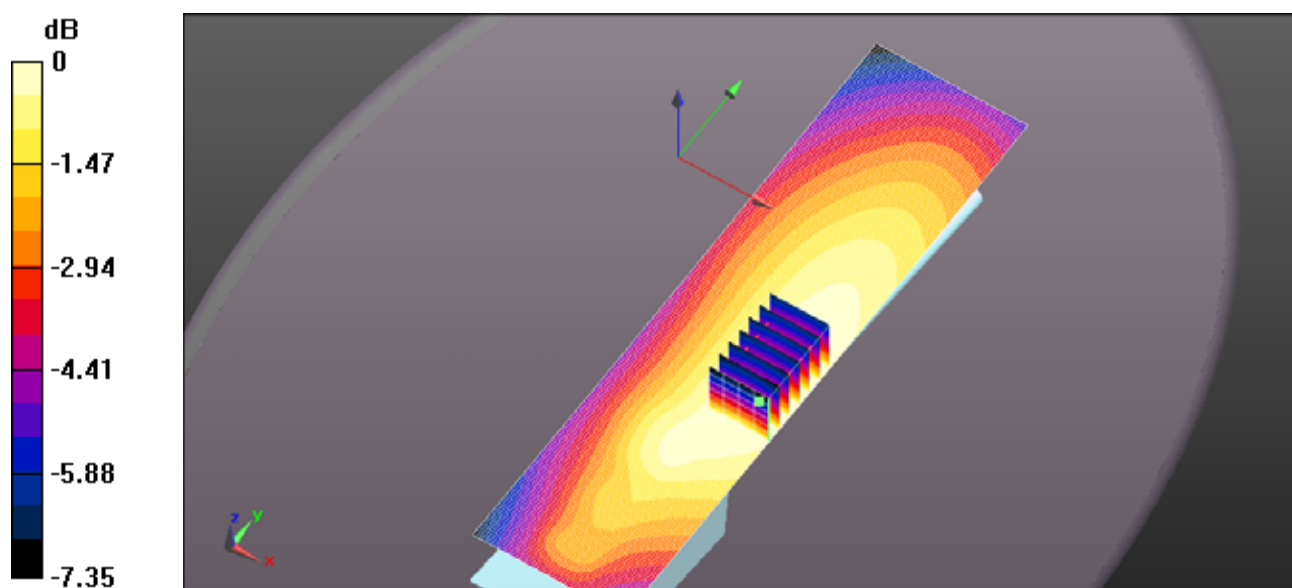
**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.112 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.194 W/kg

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Area Scan (51x201x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.196 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-498Q Body FA-B02AR BP-279 132.24MHz.da52:0](#)

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 132.24 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 132.24$  MHz;  $\sigma = 0.769$  S/m;  $\epsilon_r = 61.779$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.55, 10.55, 10.55); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (6x6x7)/Cube

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

Reference Value = 24.67 V/m; Power Drift = -0.33 dB

Peak SAR (extrapolated) = 0.781 W/kg

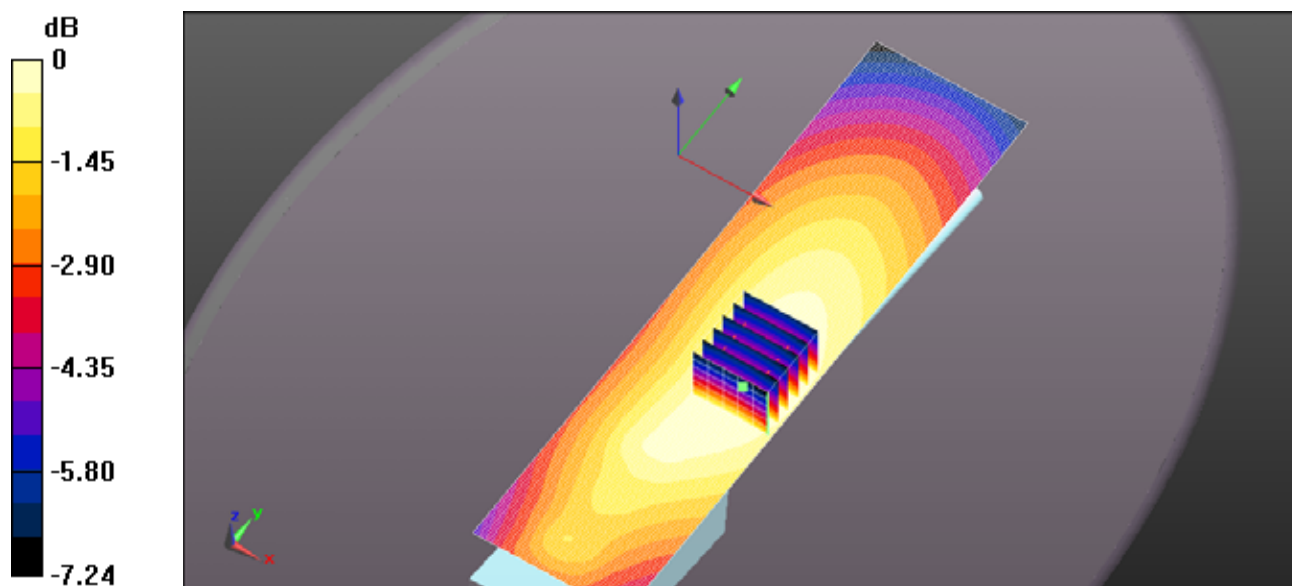
**SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.387 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.663 W/kg

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Area Scan (51x201x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.655 W/kg



0 dB = 0.663 W/kg = -1.79 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-498Q Body FA-B02AR BP-279 127.5MHz.da52:0](#)

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 127.5 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 128$  MHz;  $\sigma = 0.765$  S/m;  $\epsilon_r = 61.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.55, 10.55, 10.55); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (6x6x7)/Cube

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

Reference Value = 32.93 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.32 W/kg

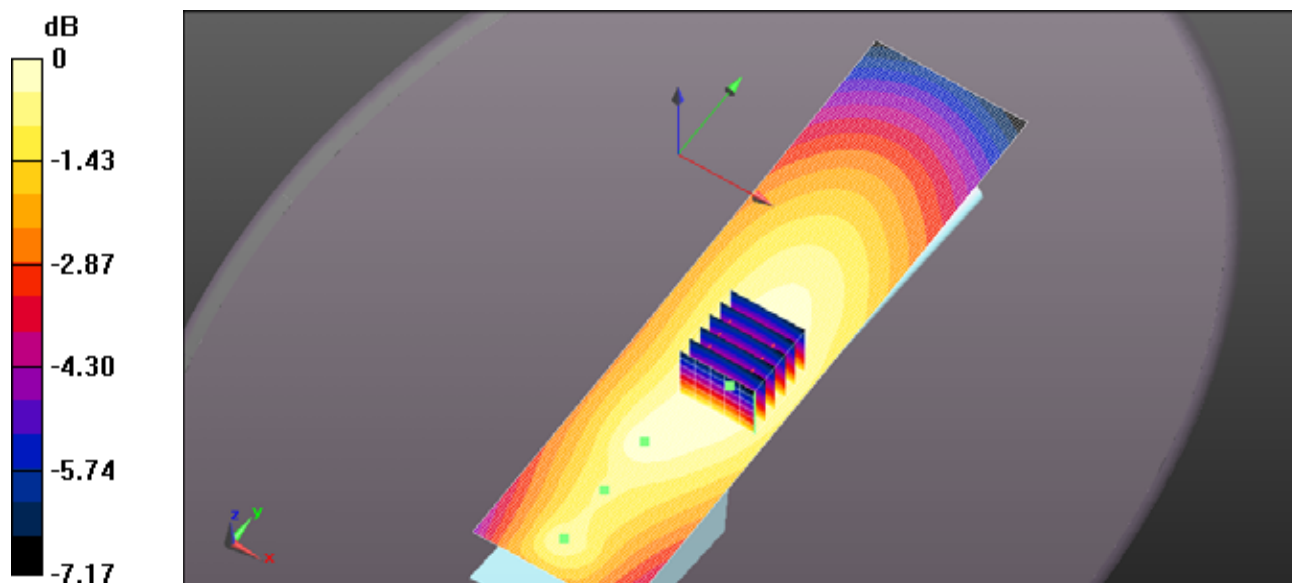
**SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.664 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.12 W/kg

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Area Scan (51x201x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg



0 dB = 1.12 W/kg = 0.51 dBW/kg

Test Laboratory: Ultratech Group of Labs

File Name: [ICOM-498Q Body FA-B02AR BP-279 122.7MHz.da52:0](#)

DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203

Communication System: UID 10000, CW; Frequency: 122.7 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 122.7$  MHz;  $\sigma = 0.762$  S/m;  $\epsilon_r = 62.356$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.55, 10.55, 10.55); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x5x7)/Cube

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

Reference Value = 24.06 V/m; Power Drift = -0.37 dB

Peak SAR (extrapolated) = 0.676 W/kg

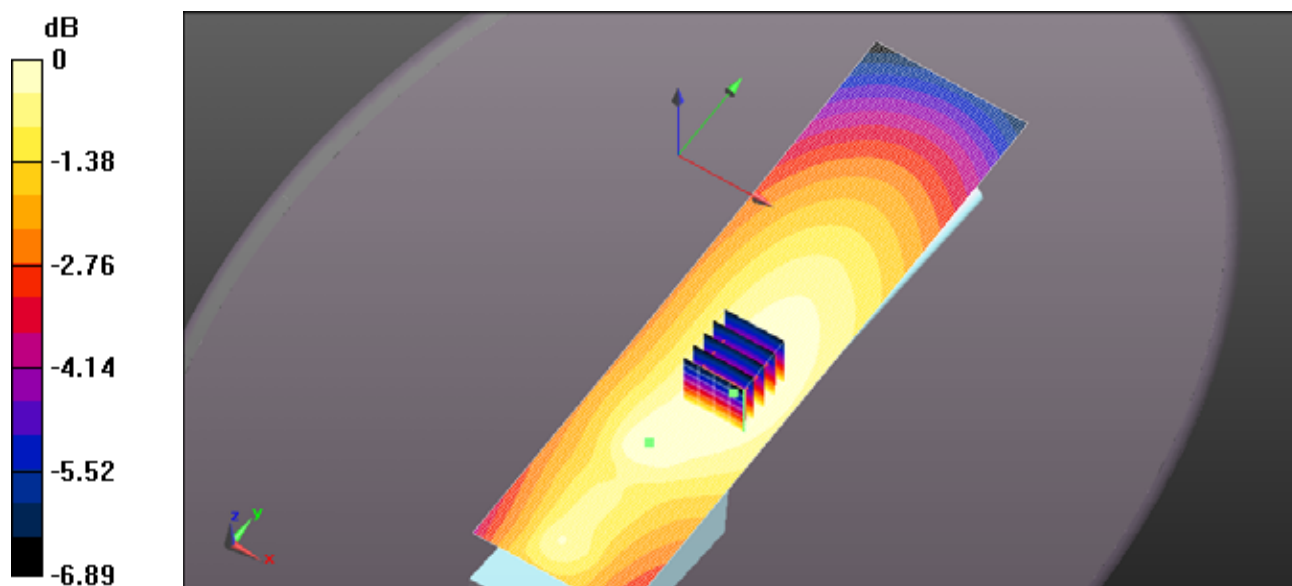
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.334 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.574 W/kg

### ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Area Scan (51x201x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.568 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg

Test Laboratory: Ultratech Group of Labs

**File Name:** [ICOM-498Q Body FA-B02AR BP-279 118MHz.da52:0](#)

**DUT: ICOM-498Q; Type: IC-A16; Serial: 00000203**

Communication System: UID 10000, CW; Frequency: 118 MHz; Duty Cycle: 1:1  
Medium parameters used (extrapolated):  $f = 118 \text{ MHz}$ ;  $\sigma = 0.759 \text{ S/m}$ ;  $\epsilon_r = 62.505$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.55, 10.55, 10.55); Calibrated: 8/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/14/2018
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Zoom Scan (5x5x7) (5x5x7)/Cube**

**0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23.74 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.649 W/kg

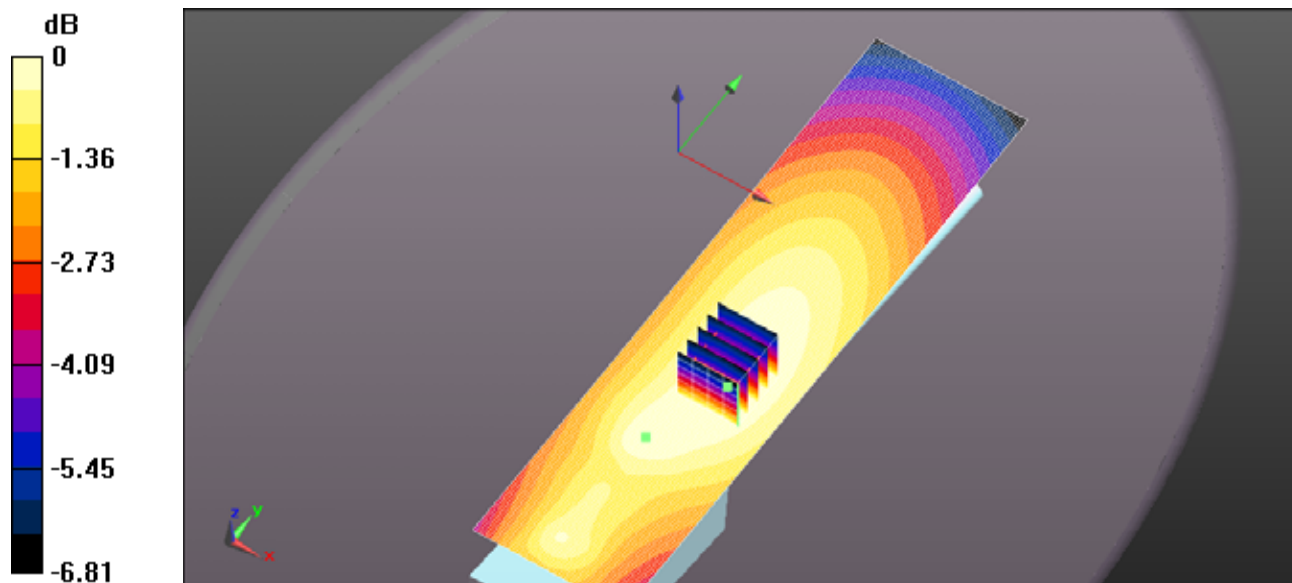
**SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.325 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.552 W/kg

**ICOM-498Q IC-A16 Body SAR Evaluation/Pin=1.8W/Area Scan (51x201x1):** Interpolated

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

Maximum value of SAR (interpolated) = 0.547 W/kg



0 dB = 0.552 W/kg = -2.58 dBW/kg