

APPENDIX 1

SAR Measurement Data

Table of Contents

EXHIBIT 1.	2450HZ HEAD SAR MEASUREMENTS	3
	<i>Head SAR Measurement Summary</i>	<i>3</i>
	FILE NAME: ICOM-601Q HEAD (DTS 1M-PHY) 2402 MHz.DA52:0	4
	FILE NAME: ICOM-601Q HEAD (DTS 1M-PHY) 2480 MHz.DA52:0	5
	FILE NAME: ICOM-601Q HEAD (DTS 2M-PHY) 2402 MHz.DA52:0	6
	FILE NAME: ICOM-601Q HEAD (DTS 2M-PHY) 2480 MHz.DA52:0	7
	FILE NAME: ICOM-601Q HEAD (DSS DH5) 2402 MHz.DA52:0	8
	FILE NAME: ICOM-601Q HEAD (DSS DH5) 2480 MHz.DA52:0	9
	FILE NAME: ICOM-601Q HEAD (DSS 2-DH5) 2402 MHz.DA52:0.....	10
	FILE NAME: ICOM-601Q HEAD (DSS 2-DH5) 2480 MHz.DA52:0.....	11
	FILE NAME: ICOM-601Q HEAD (DSS 3-DH5) 2402 MHz.DA52:0.....	12
	FILE NAME: ICOM-601Q HEAD (DSS 3-DH5) 2480 MHz.DA52:0.....	13
EXHIBIT 2.	2450HZ BODY SAR MEASUREMENTS	14
	<i>Body SAR Measurement Summary.....</i>	<i>14</i>
	FILE NAME: ICOM-601Q BODY (DTS 1M-PHY) 2402 MHz.DA52:0	15
	FILE NAME: ICOM-601Q BODY (DTS 1M-PHY) 2480 MHz.DA52:0	16
	FILE NAME: ICOM-601Q BODY (DTS 2M-PHY) 2402 MHz.DA52:0	17
	FILE NAME: ICOM-601Q BODY (DTS 2M-PHY) 2480 MHz.DA52:0	18
	FILE NAME: ICOM-601Q BODY (DSS DH5) 2402 MHz.DA52:0.....	19
	FILE NAME: ICOM-601Q BODY (DSS DH5) 2480 MHz.DA52:0.....	20
	FILE NAME: ICOM-601Q BODY (DSS 2-DH5) 2402 MHz.DA52:0	21
	FILE NAME: ICOM-601Q BODY (DSS 2-DH5) 2480 MHz.DA52:0	22
	FILE NAME: ICOM-601Q BODY (DSS 3-DH5) 2402 MHz.DA52:0	23
	FILE NAME: ICOM-601Q BODY (DSS 3-DH5) 2480 MHz.DA52:0	24

EXHIBIT 1. 2450HZ HEAD SAR MEASUREMENTS*Head SAR Measurement Summary*

Mode		Power (mW)	CH. Freq (MHz)	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
DTS	1M-PHY	5.32	2402	0.000	0.000
		5.07	2440	**	**
		5.25	2480	0.001	0.001
	2M-PHY	5.28	2402	0.002	0.001
		5.07	2440	**	**
		5.25	2480	0.002	0.001
DSS	DH5	5.35	2402	0.001	0.001
		5.09	2440	**	**
		5.27	2480	0.000	0.000
	2-DH5	9.31	2402	0.000	0.000
		8.87	2440	**	**
		9.27	2480	0.000	0.000
	3-DH5	10.86	2402	0.000	0.000
		10.45	2440	**	**
		10.91	2480	0.000	0.000

FILE NAME: ICOM-601Q HEAD (DTS 1M-PHY) 2402 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DTS (1M-PHY); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 37.928$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

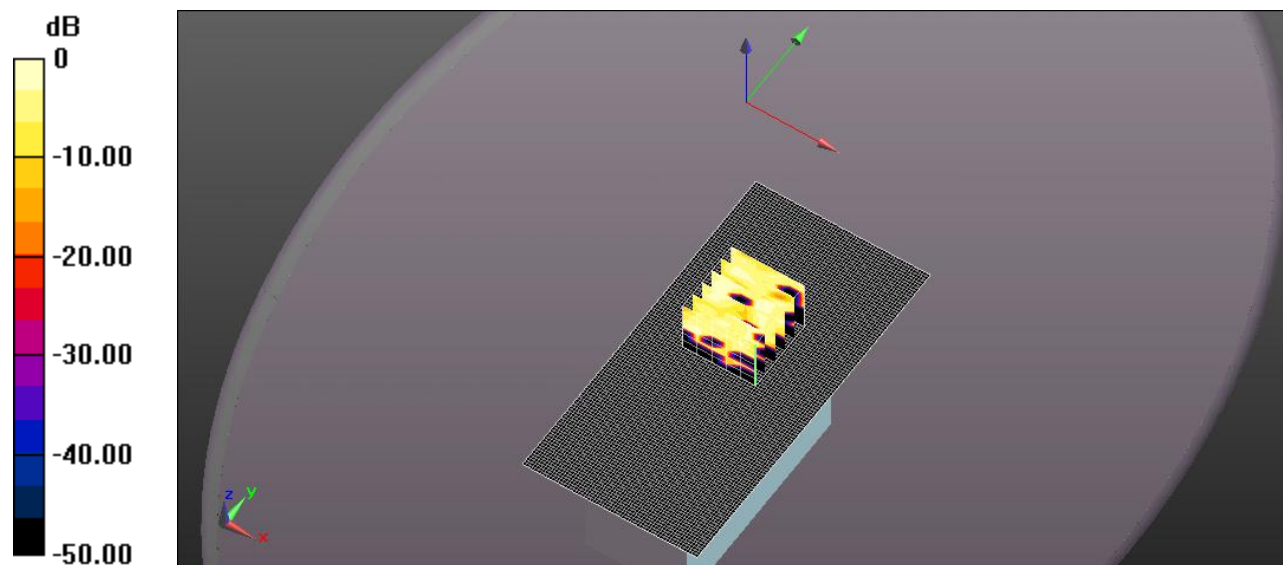
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.3280 V/m; Power Drift = -1.03 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00142 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q HEAD (DTS 1M-PHY) 2480 MHZ.DA52:0

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DTS (1M-PHY); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 37.755$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (71x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.000544 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (8x7x7)/Cube 0:

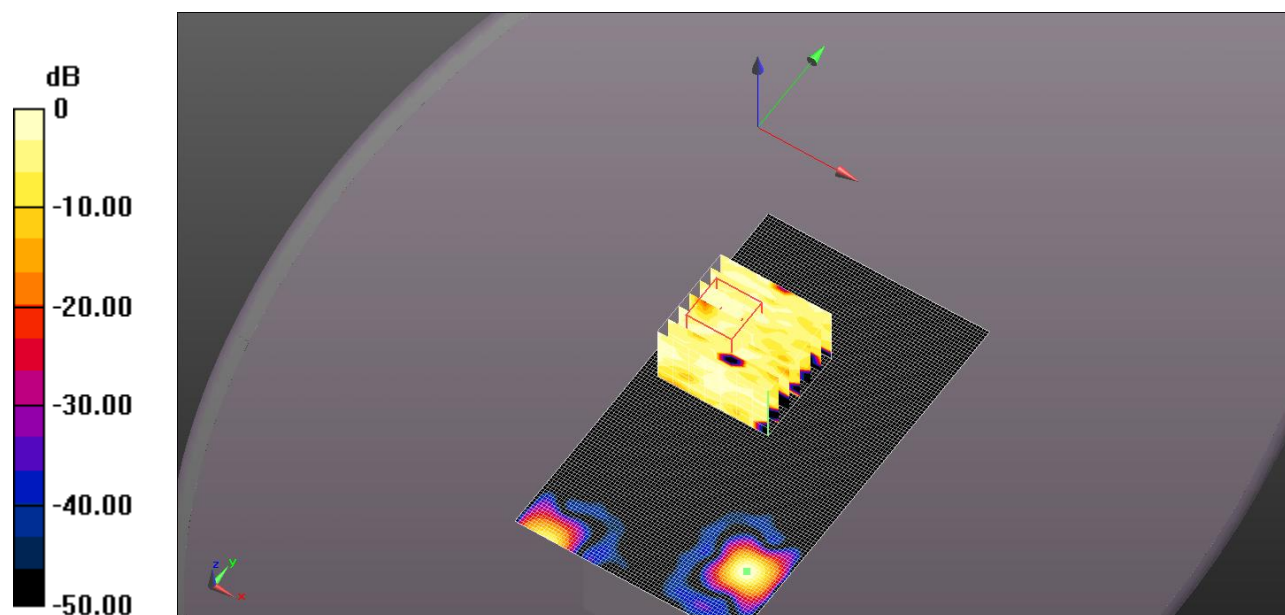
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.8390 V/m; Power Drift = -3.41 dB

Peak SAR (extrapolated) = 0.00568 W/kg

SAR(1 g) = 0.00138 W/kg; SAR(10 g) = 0.000602 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00230 W/kg



0 dB = 0.000544 W/kg = -32.64 dBW/kg

FILE NAME: ICOM-601Q HEAD (DTS 2M-PHY) 2402 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DTS (2M-PHY); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 37.928$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (71x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00120 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

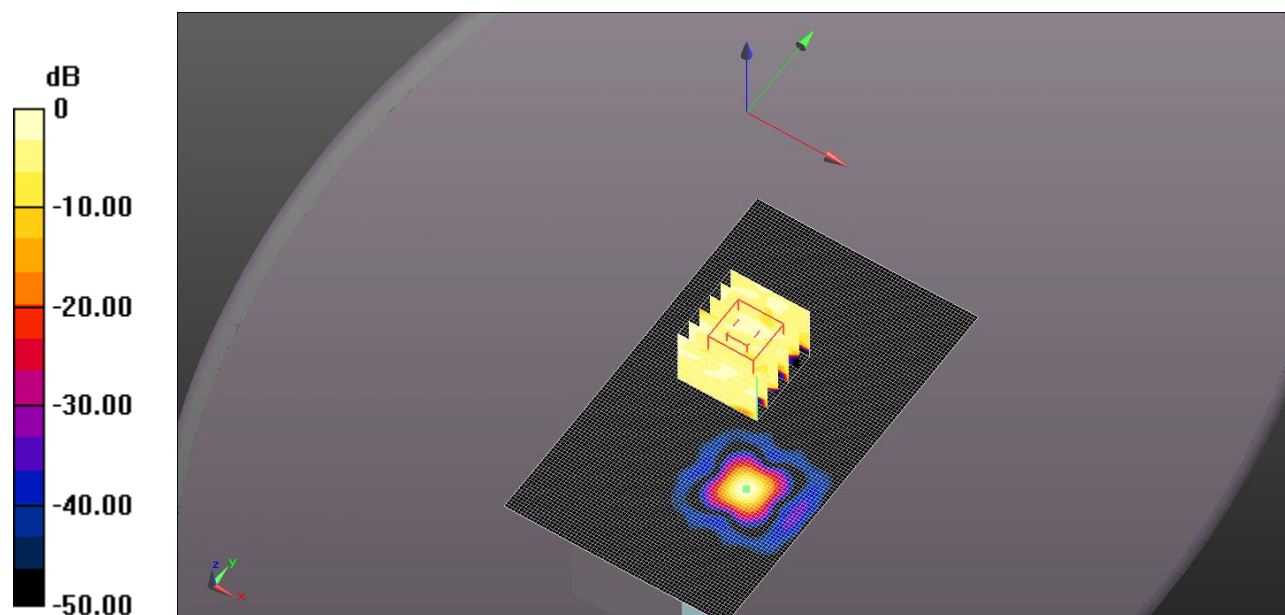
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.4330 V/m; Power Drift = -5.78 dB

Peak SAR (extrapolated) = 0.005967 W/kg

SAR(1 g) = 0.00192 W/kg; SAR(10 g) = 0.000731 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00247 W/kg



0 dB = 0.00120 W/kg = -29.20 dBW/kg

FILE NAME: ICOM-601Q HEAD (DTS 2M-PHY) 2480 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DTS (2M-PHY); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 37.755$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (81x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00203 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0:

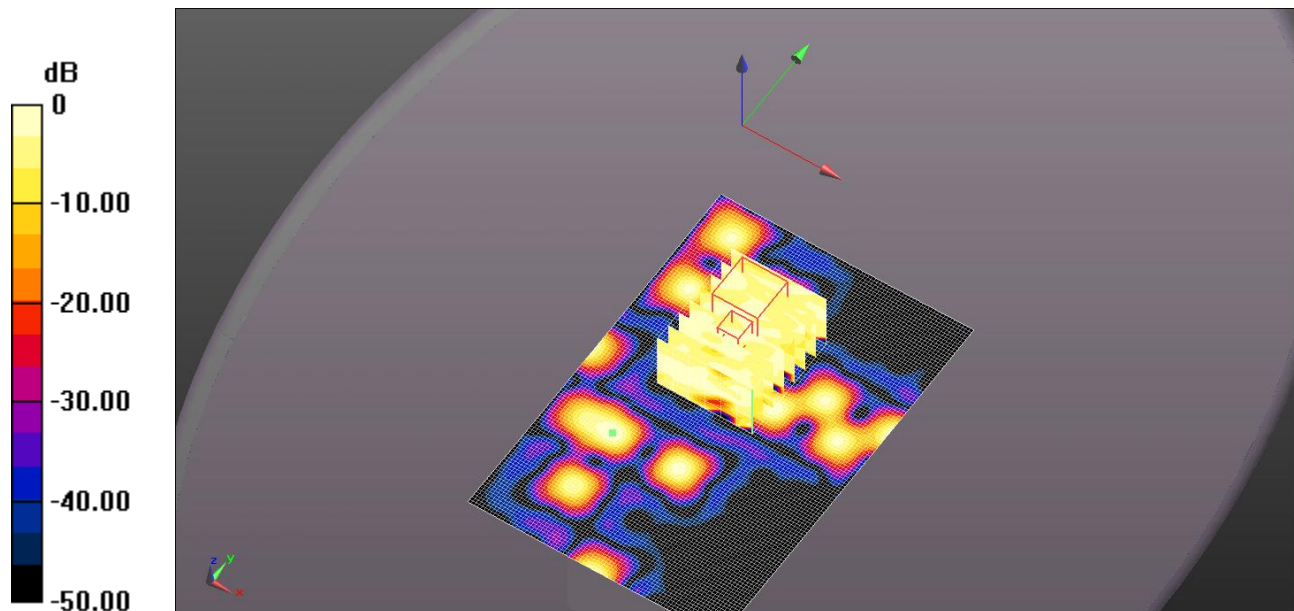
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.3720 V/m; Power Drift = 1.6 dB

Peak SAR (extrapolated) = 0.00367 W/kg

SAR(1 g) = 0.00169 W/kg ; SAR(10 g) = 0.000935 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00254 W/kg



0 dB = 0.00203 W/kg = -26.94 dBW/kg

FILE NAME: ICOM-601Q HEAD (DSS DH5) 2402 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (DH5); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 37.928$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (71x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

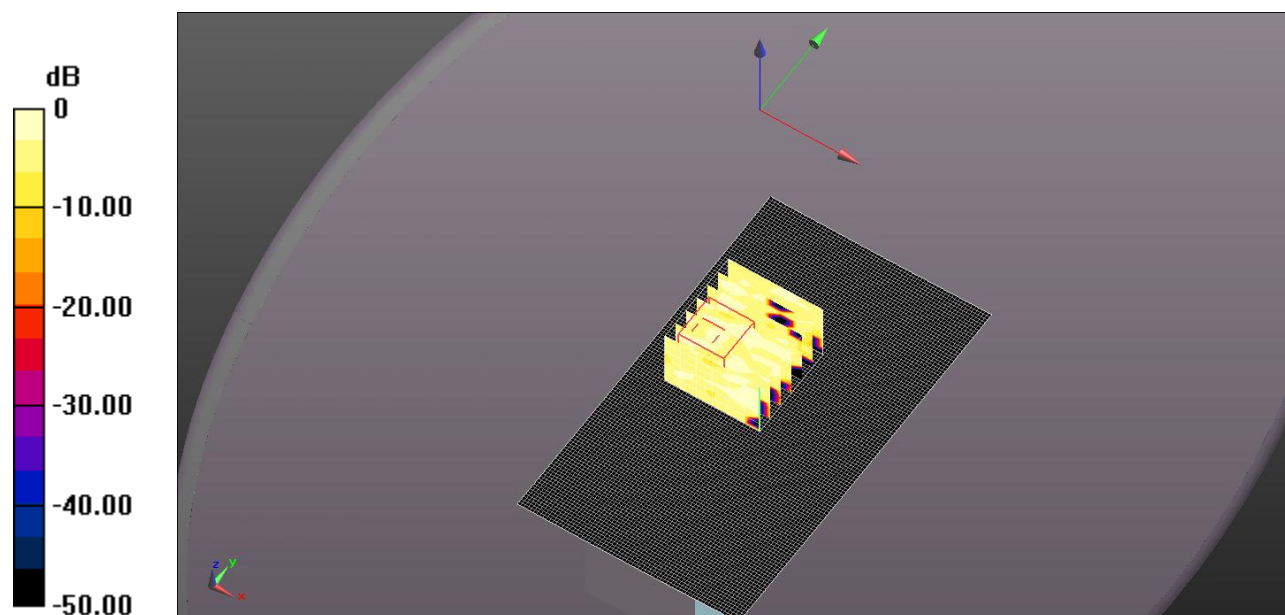
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.8670 V/m; Power Drift = -0.99 dB

Peak SAR (extrapolated) = 0.00406 W/kg

SAR(1 g) = 0.00116 W/kg ; SAR(10 g) = 0.000526 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00242 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q HEAD (DSS DH5) 2480 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (DH5); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 37.755$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (71x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

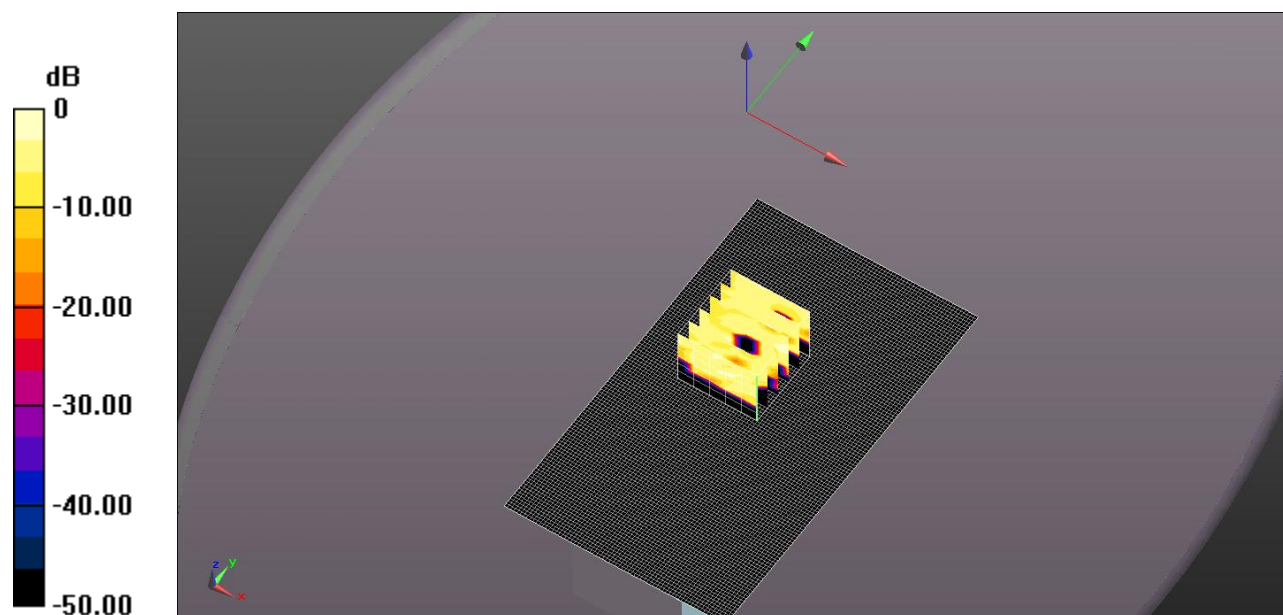
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.7490 V/m; Power Drift = -4.57 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00233 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q HEAD (DSS 2-DH5) 2402 MHZ.DA52:0

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DSS (2-DH5); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 37.928$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (71x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

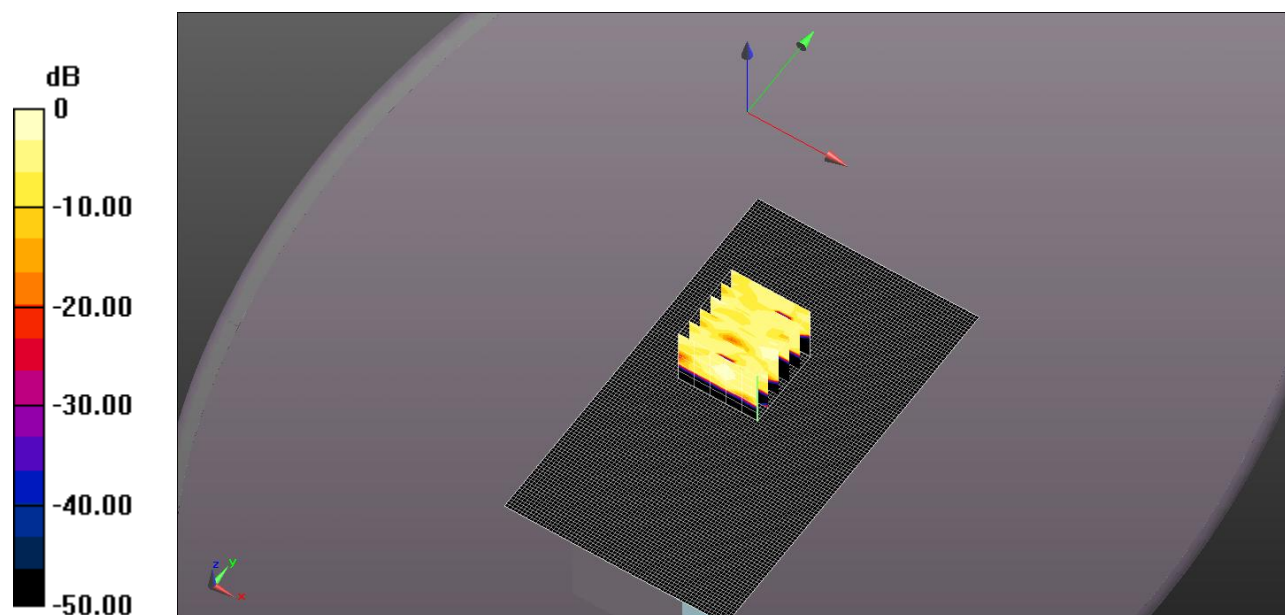
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00242 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: [ICOM-601Q HEAD \(DSS 2-DH5\) 2480 MHZ.DA52:0](#)

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DSS (2-DH5); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 37.755$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (71x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

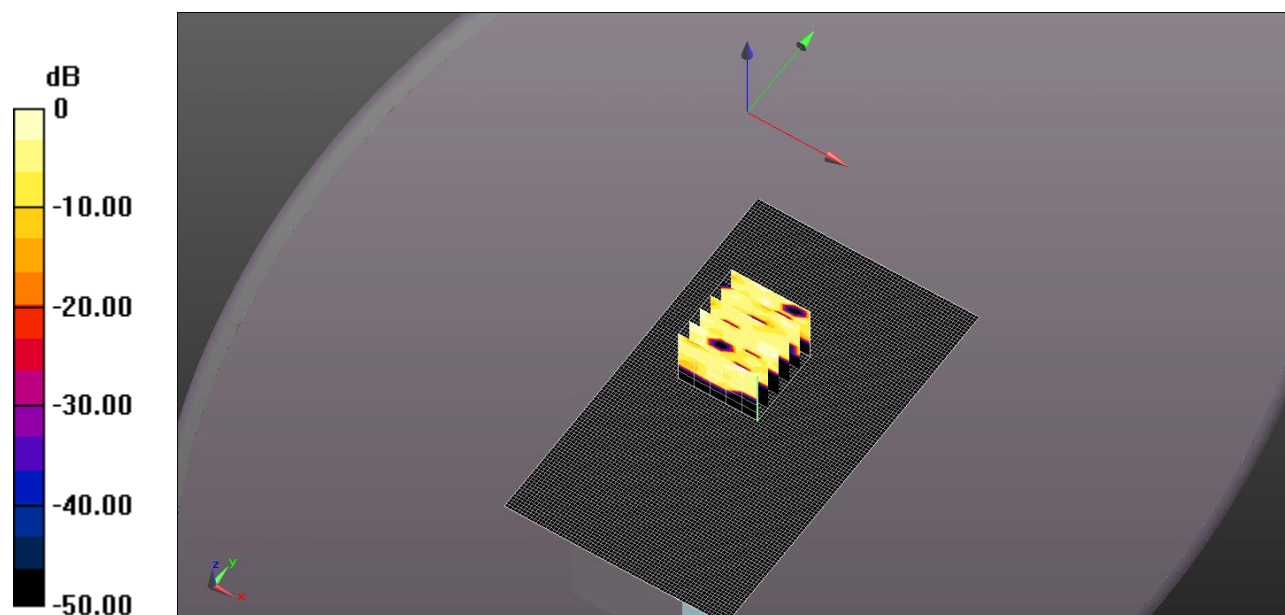
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00166 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q HEAD (DSS 3-DH5) 2402 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (3-DH5); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 37.928$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (71x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

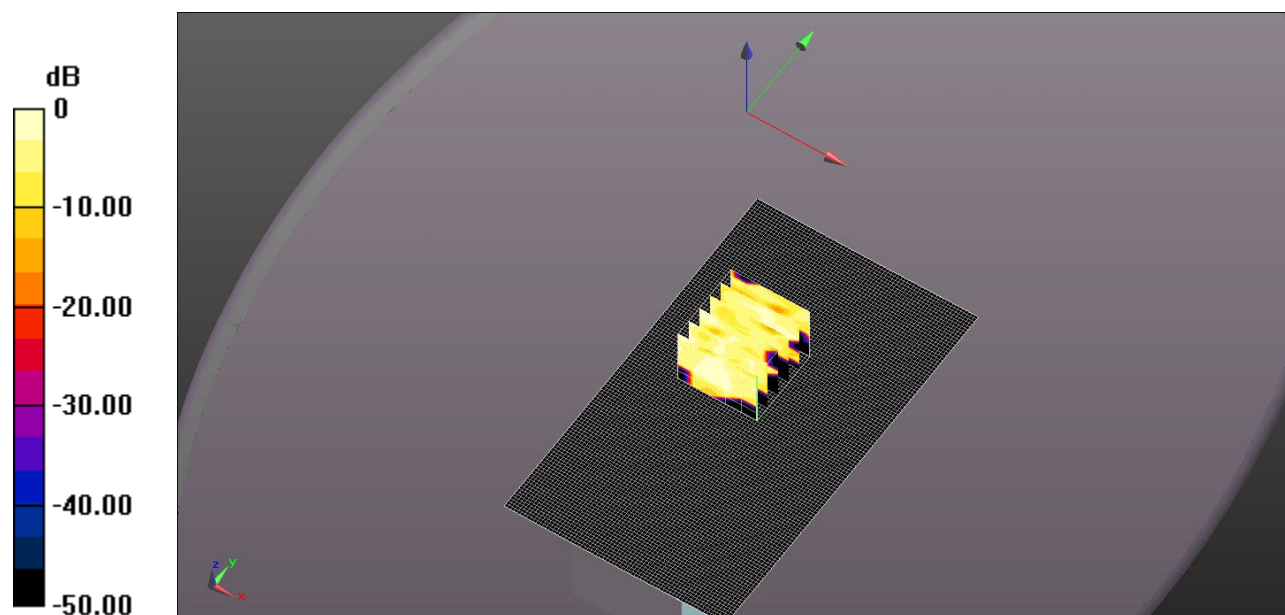
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.4370 V/m; Power Drift = 1.23 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00200 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q HEAD (DSS 3-DH5) 2480 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (3-DH5); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 37.755$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.26, 7.26, 7.26); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_IC-601Q/Head, d=25mm/Area Scan (81x131x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0000565 W/kg

Configuration_Head_IC-601Q/Head, d=25mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

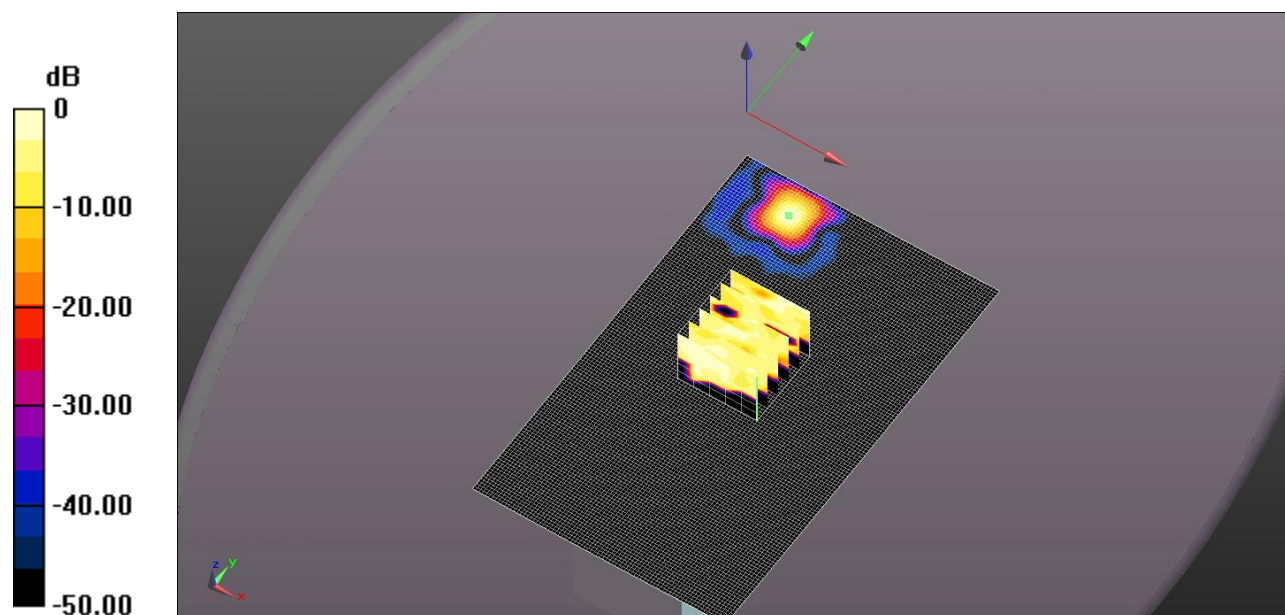
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00213 W/kg



0 dB = 0.0000565 W/kg = -42.48 dBW/kg

EXHIBIT 2. 2450HZ BODY SAR MEASUREMENTS*Body SAR Measurement Summary*

Mode		Power (mW)	CH. Freq (MHz)	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
DTS	1M-PHY	5.32	2402	0.000	0.000
		5.07	2440	**	**
		5.25	2480	0.000	0.000
	2M-PHY	5.28	2402	0.000	0.000
		5.07	2440	**	**
		5.25	2480	0.001	0.000
DSS	DH5	5.35	2402	0.000	0.000
		5.09	2440	**	**
		5.27	2480	0.000	0.000
	2-DH5	9.31	2402	0.000	0.000
		8.87	2440	**	**
		9.27	2480	0.000	0.000
	3-DH5	10.86	2402	0.001	0.000
		10.45	2440	**	**
		10.91	2480	0.000	0.000

FILE NAME: [ICOM-601Q BODY \(DTS 1M-PHY\) 2402 MHZ.DA52:0](#)

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DTS (1M-PHY); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 50.579$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

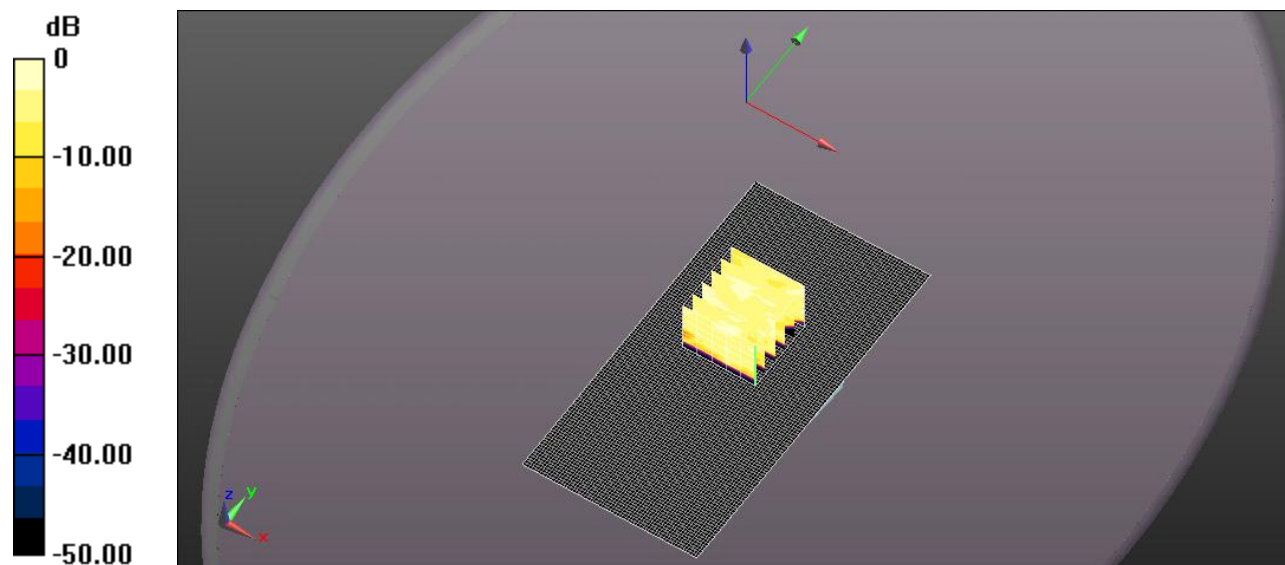
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.5150 V/m; Power Drift = 0.73 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00284 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: [ICOM-601Q BODY \(DTS 1M-PHY\) 2480 MHZ.DA52:0](#)

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DTS (1M-PHY); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 50.221$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (8x8x7)/Cube 0:

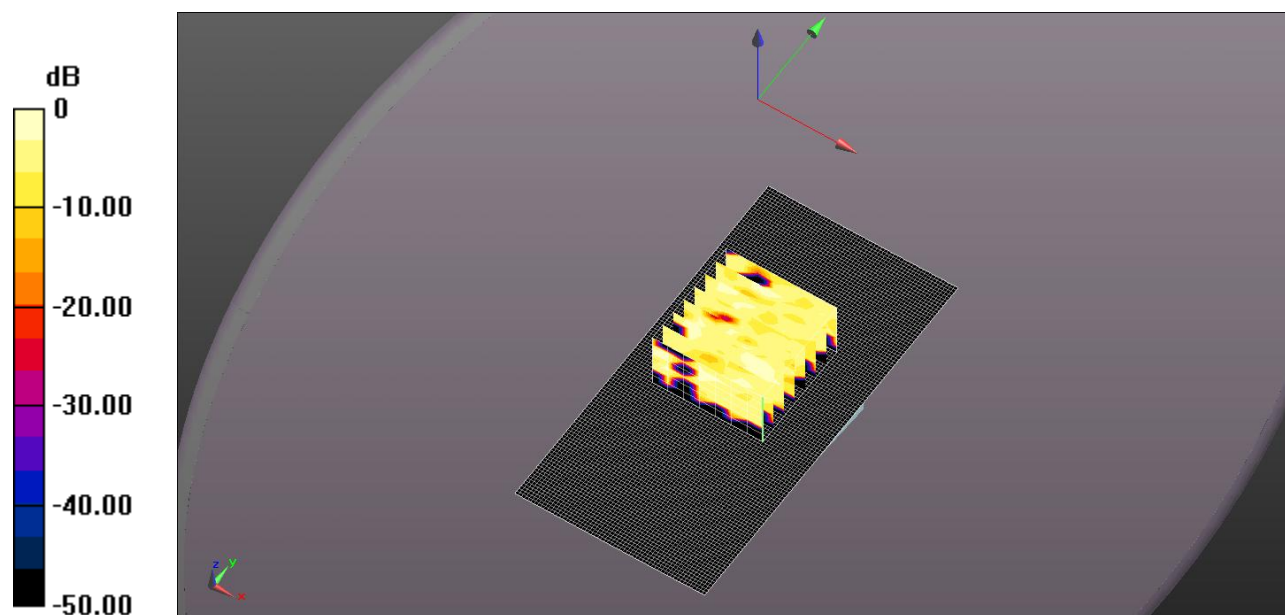
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.5570 V/m; Power Drift = 1.45 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00226 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DTS 2M-PHY) 2402 MHZ.DA52:0

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DTS (2M-PHY); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 50.579$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

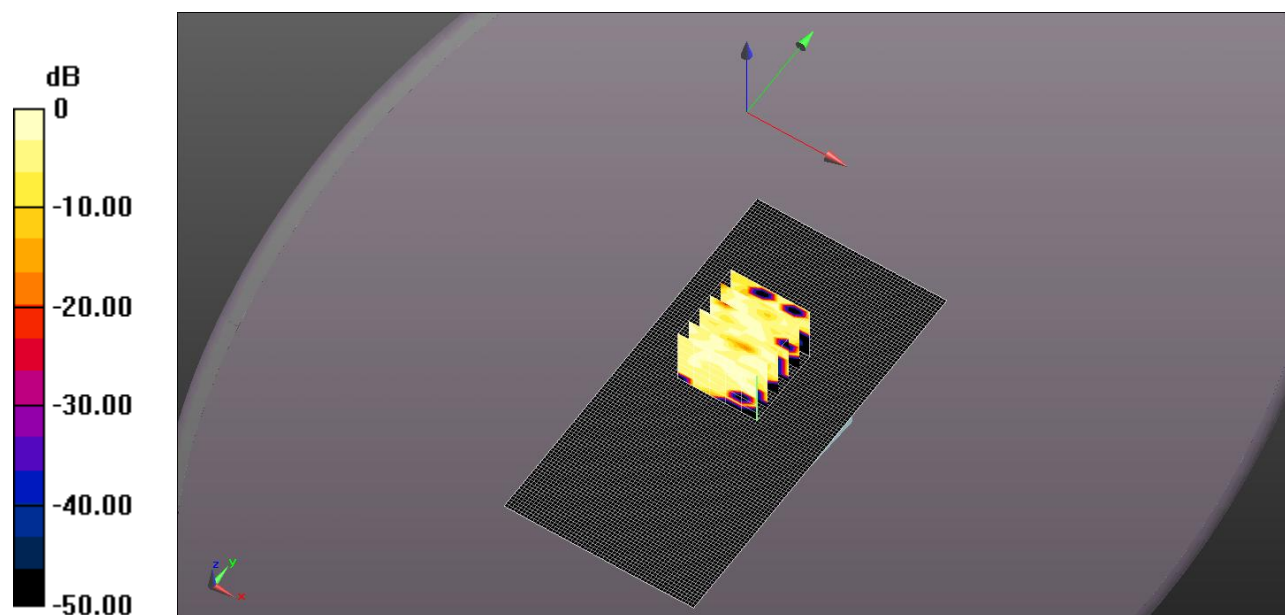
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.2490 V/m; Power Drift = 4.97 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a. (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00154 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DTS 2M-PHY) 2480 MHZ.DA52:0

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DTS (2M-PHY); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 50.221$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:

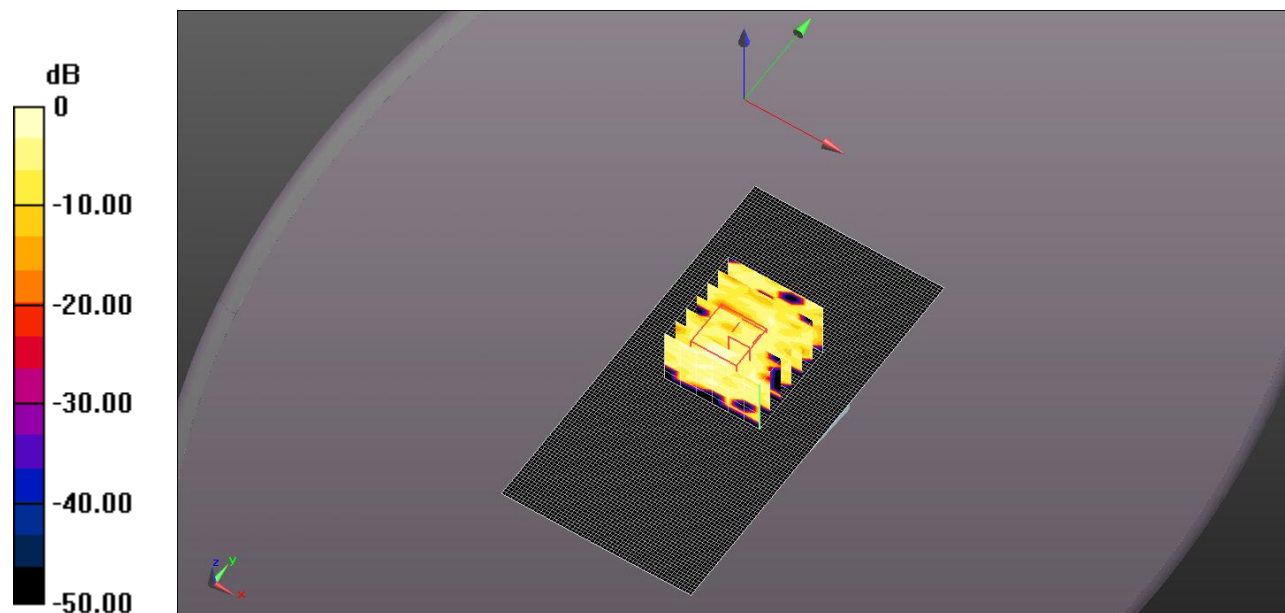
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.3160 V/m; Power Drift = 1.6 dB

Peak SAR (extrapolated) = 0.00210 W/kg

SAR(1 g) = 0.000745 W/kg; SAR(10 g) = 0.000246 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00254 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DSS DH5) 2402 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (DH5); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 50.579$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (9x10x7)/Cube 0:

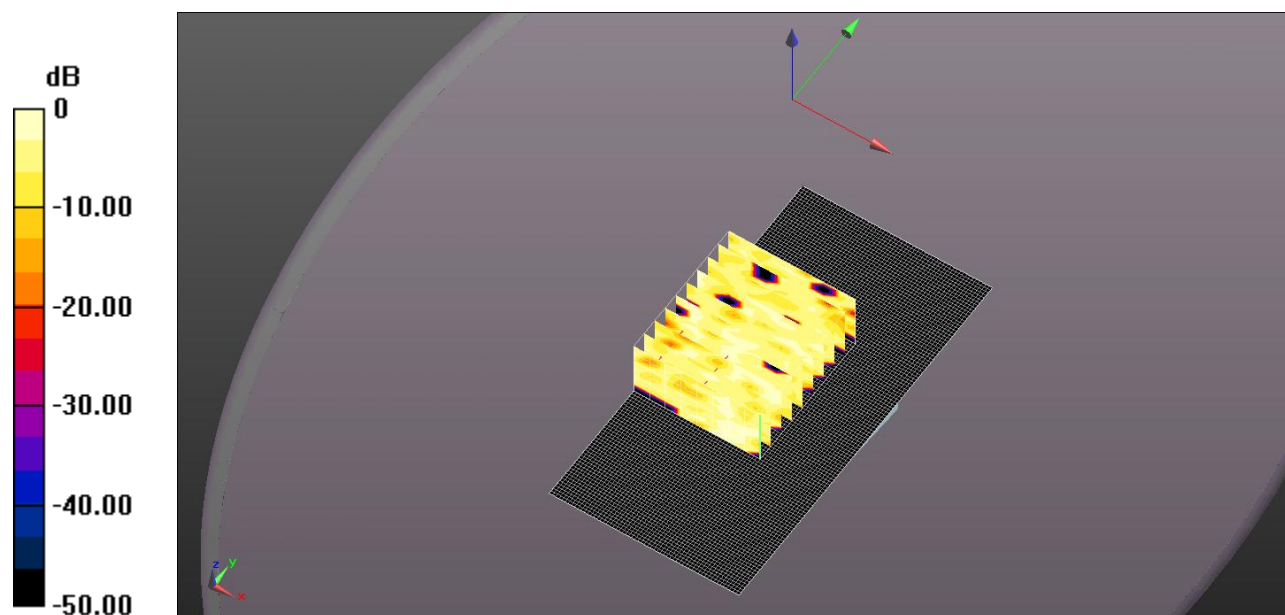
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.5680 V/m; Power Drift = 2.27 dB

Peak SAR (extrapolated) = 0.00174 W/kg

SAR(1 g) = 5.46e-005 W/kg; SAR(10 g) = 7.44e-006 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00195 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DSS DH5) 2480 MHZ.DA52:0

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DSS (DH5); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 50.221$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (8x6x7)/Cube 0:

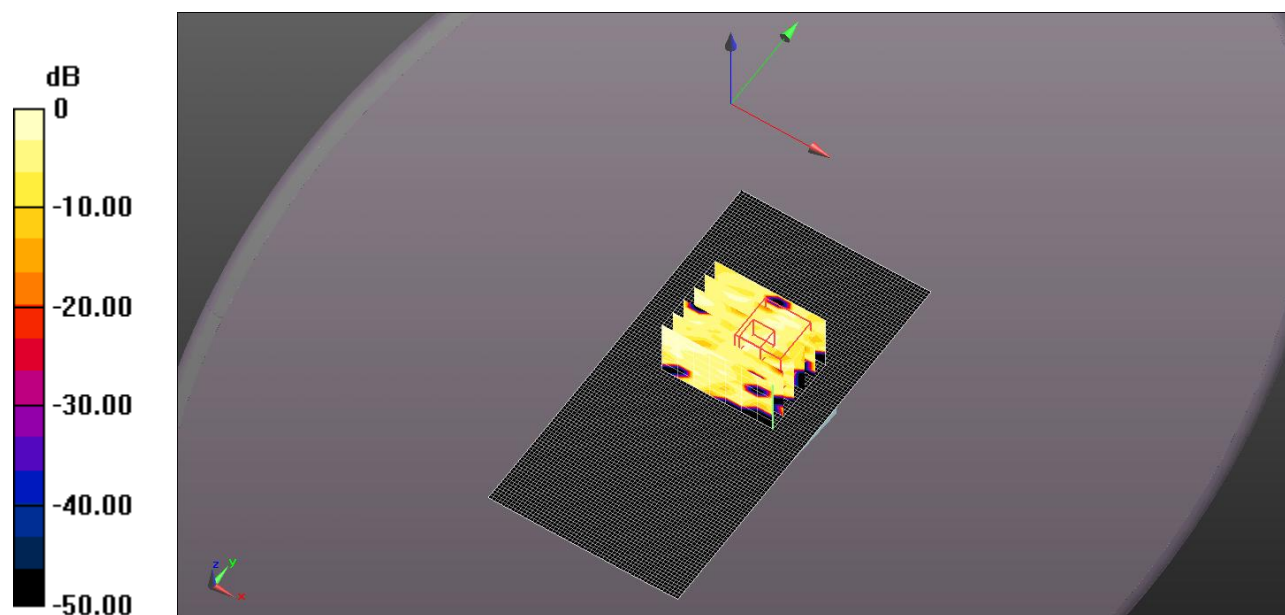
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.4600 V/m; Power Drift = -0.95 dB

Peak SAR (extrapolated) = 0.00245 W/kg

SAR(1 g) = 0.000267 W/kg; SAR(10 g) = 6.74e-005 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0000196 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DSS 2-DH5) 2402 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (2-DH5); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 50.579$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (7x9x7)/Cube 0:

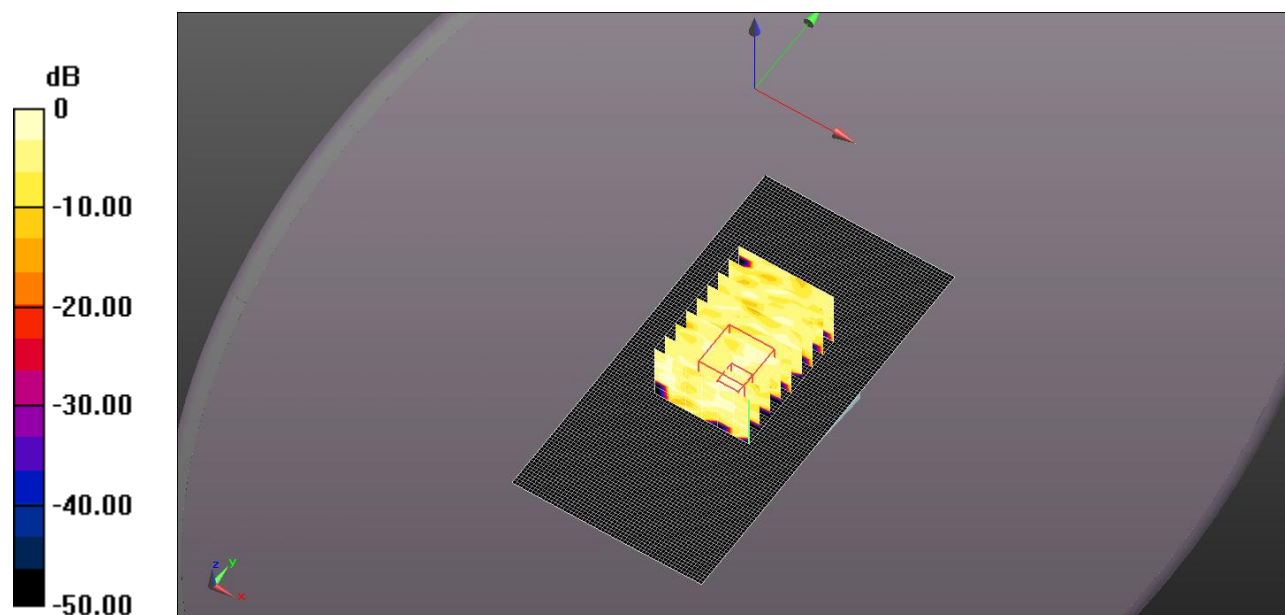
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 0.00199 W/kg

SAR(1 g) = 0.000392 W/kg; SAR(10 g) = 0.000104 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00199 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DSS 2-DH5) 2480 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (2-DH5); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 50.221$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (7x6x7)/Cube 0:

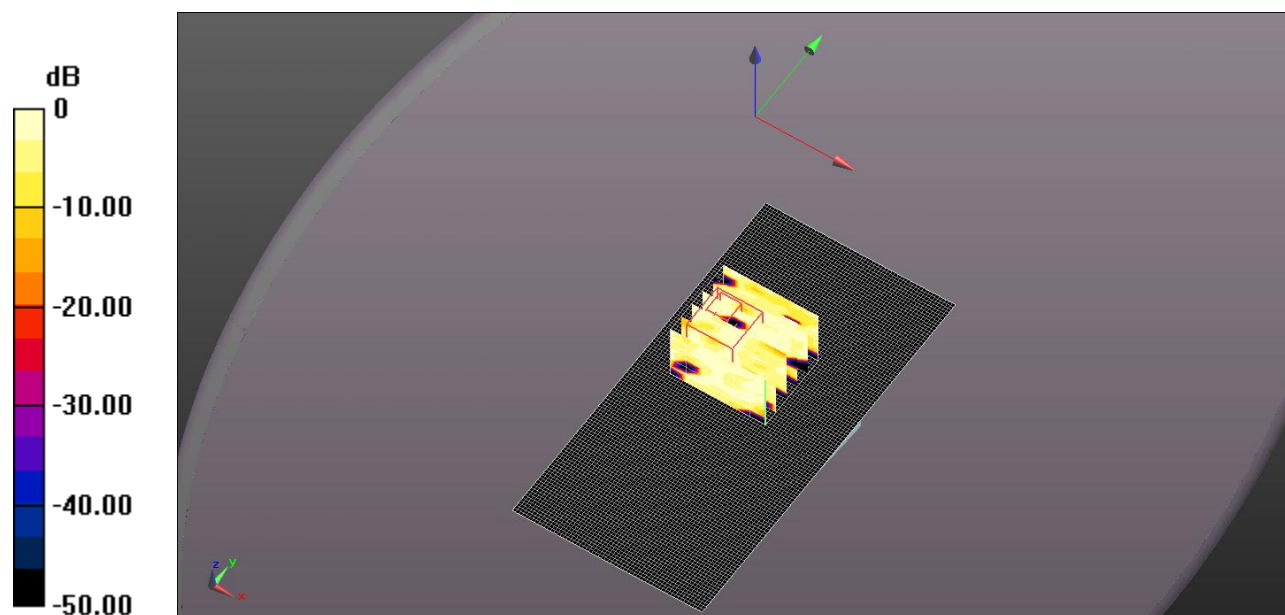
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.4510 V/m; Power Drift = 4.32 dB

Peak SAR (extrapolated) = 0.00161 W/kg

SAR(1 g) = 0.000285 W/kg; SAR(10 g) = 8.22e-005 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0000151 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DSS 3-DH5) 2402 MHZ.DA52:0

DUT: IC-A16; **Type:** VHF Air Band Transceiver; **Serial:** 00000702

Communication System: UID 0, DSS (3-DH5); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 50.579$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0:

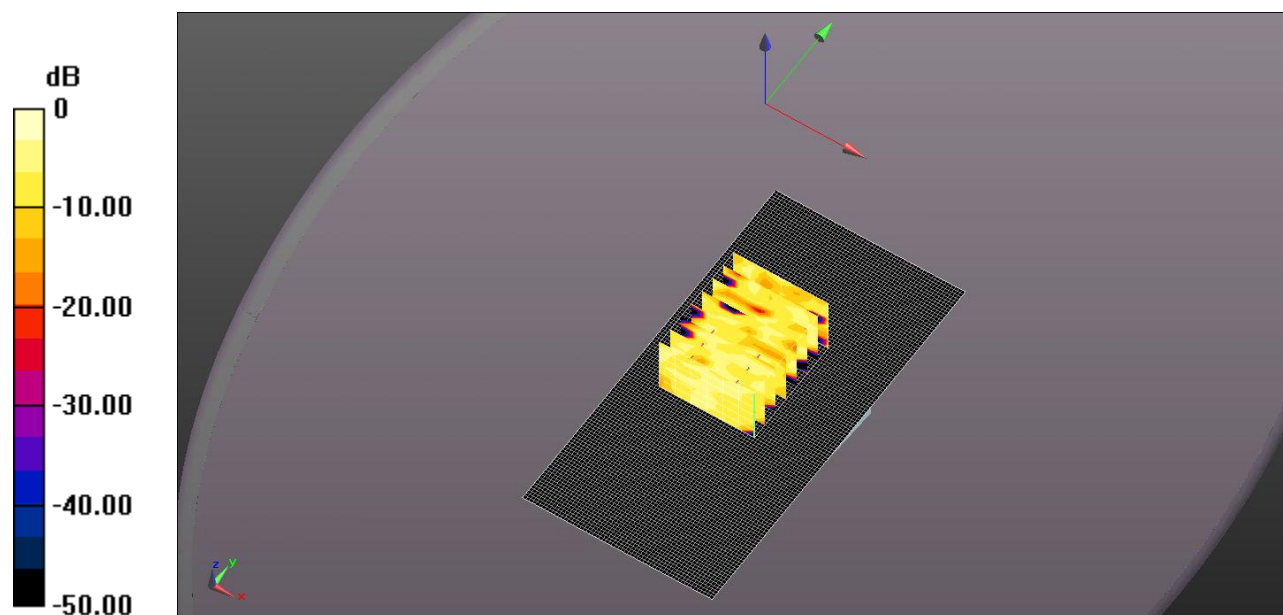
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.4770 V/m; Power Drift = 1.79 dB

Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.000893 W/kg; SAR(10 g) = 0.000222 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00366 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

FILE NAME: ICOM-601Q BODY (DSS 3-DH5) 2480 MHZ.DA52:0

DUT: IC-A16; Type: VHF Air Band Transceiver; Serial: 00000702

Communication System: UID 0, DSS (3-DH5); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 50.221$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 – SN3673; ConvF(7.48, 7.48, 7.48); Calibrated: 8/30/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/25/2022
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-601Q/Body, d=0mm/Area Scan (61x121x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-601Q/Body, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0:

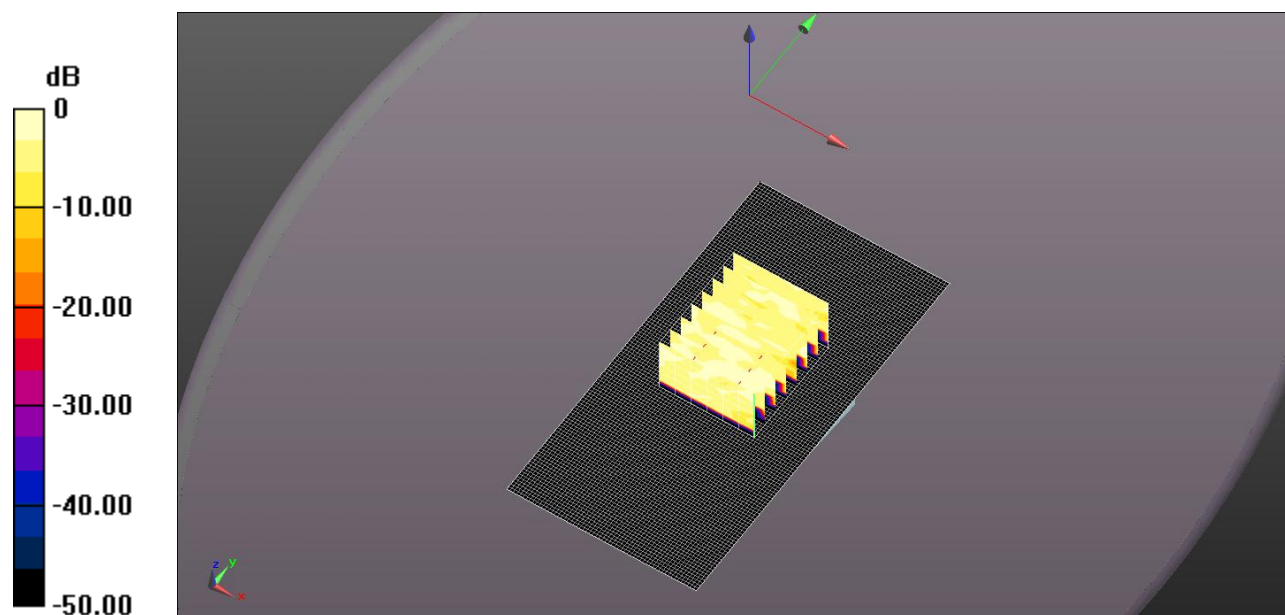
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.6540 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 0.00211 W/kg

SAR(1 g) = 6.84e-005 W/kg; SAR(10 g) = 7.01e-006 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00211 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg