

APPENDIX 1

SAR Measurement Data

Contents

EXHIBIT 1.	1640HZ SAR MEASUREMENTS.....	3
	<i>Head SAR Measurement Summary</i>	<i>3</i>
	<i>Body SAR Measurement Summary.....</i>	<i>3</i>
	FILE NAME: ICOM-593Q HEAD 1616 MHz.DA52:0	4
	FILE NAME: ICOM-593Q HEAD 1621 MHz.DA52:0	5
	FILE NAME: ICOM-593Q HEAD 1625 MHz.DA52:0	6
	FILE NAME: ICOM-593Q BODY 1616 MHz.DA52:0	7
	FILE NAME: ICOM-593Q BODY 1621 MHz.DA52:0	8
	FILE NAME: ICOM-593Q BODY 1625 MHz.DA52:0	9
EXHIBIT 2.	2450HZ SAR MEASUREMENTS.....	10
	<i>Head SAR Measurement Summary</i>	<i>10</i>
	<i>Body SAR Measurement Summary.....</i>	<i>11</i>
	FILE NAME: ICOM-593Q HEAD (DTS 1M-PHY) 2402 MHz.DA52:0	12
	FILE NAME: ICOM-593Q HEAD (DTS 1M-PHY) 2441 MHz.DA52:0	13
	FILE NAME: ICOM-593Q HEAD (DTS 1M-PHY) 2480 MHz.DA52:0	14
	FILE NAME: ICOM-593Q HEAD (DTS 2M-PHY) 2402 MHz.DA52:0	15
	FILE NAME: ICOM-593Q HEAD (DTS 2M-PHY) 2441 MHz.DA52:0	16
	FILE NAME: ICOM-593Q HEAD (DTS 2M-PHY) 2480 MHz.DA52:0	17
	FILE NAME: ICOM-593Q HEAD (DSS DH5) 2402 MHz.DA52:0	18
	FILE NAME: ICOM-593Q HEAD (DSS DH5) 2441 MHz.DA52:0	19
	FILE NAME: ICOM-593Q HEAD (DSS DH5) 2480 MHz.DA52:0	20
	FILE NAME: ICOM-593Q HEAD (DSS 2DH5) 2402 MHz.DA52:0	21
	FILE NAME: ICOM-593Q HEAD (DSS 2DH5) 2441 MHz.DA52:0	22
	FILE NAME: ICOM-593Q HEAD (DSS 2DH5) 2480 MHz.DA52:0	23
	FILE NAME: ICOM-593Q HEAD (DSS 3DH5) 2402 MHz.DA52:0	24
	FILE NAME: ICOM-593Q HEAD (DSS 3DH5) 2441 MHz.DA52:0	25
	FILE NAME: ICOM-593Q HEAD (DSS 3DH5) 2480 MHz.DA52:0	26
	FILE NAME: ICOM-593Q BODY (DTS 1M-PHY) 2402 MHz.DA52:0	27
	FILE NAME: ICOM-593Q BODY (DTS 1M-PHY) 2441 MHz.DA52:0	28
	FILE NAME: ICOM-593Q BODY (DTS 1M-PHY) 2480 MHz.DA52:0	29
	FILE NAME: ICOM-593Q BODY (DTS 2M-PHY) 2402 MHz.DA52:0	30
	FILE NAME: ICOM-593Q BODY (DTS 2M-PHY) 2441 MHz.DA52:0	31
	FILE NAME: ICOM-593Q BODY (DTS 2M-PHY) 2480 MHz.DA52:0	32
	FILE NAME: ICOM-593Q BODY (DSS DH5) 2402 MHz.DA52:0	33
	FILE NAME: ICOM-593Q BODY (DSS DH5) 2441 MHz.DA52:0	34
	FILE NAME: ICOM-593Q BODY (DSS DH5) 2480 MHz.DA52:0	35
	FILE NAME: ICOM-593Q BODY (DSS 2-DH5) 2402 MHz.DA52:0	36
	FILE NAME: ICOM-593Q BODY (DSS 2-DH5) 2441 MHz.DA52:0	37
	FILE NAME: ICOM-593Q BODY (DSS 2-DH5) 2480 MHz.DA52:0	38
	FILE NAME: ICOM-593Q BODY (DSS 3-DH5) 2402 MHz.DA52:0	39
	FILE NAME: ICOM-593Q BODY (DSS 3-DH5) 2441 MHz.DA52:0	40
	FILE NAME: ICOM-593Q BODY (DSS 3-DH5) 2480 MHz.DA52:0	41

EXHIBIT 1. 1640HZ SAR MEASUREMENTS

Head SAR Measurement Summary

Antenna	Power (W)	CH	CH. Freq (MHz)	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-300	BP-300
FA-S103U	4.80	1	1616	0.322	0.197
	4.98	2	1621	0.293	0.193
	4.66	3	1625	0.211	0.138

Body SAR Measurement Summary

Antenna	Power (W)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-300	BP-300
				MBB-5 & HM-222	MBB-5 & HM-222
FA-S103U	4.80	1	1616	0.086	0.057
	4.98	2	1621	0.065	0.043
	4.66	3	1625	0.066	0.044

FILE NAME: ICOM-593Q HEAD 1616 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 1616 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1616$ MHz; $\sigma = 1.283$ S/m; $\epsilon_r = 39.441$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 – SN3208; ConvF(5.51, 5.51, 5.51); Calibrated: 3/18/2022;
- Sensor-Surface: 2mm (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-SAT100/Head Front, P=5W, d=25mm/Area Scan (61x211x1):

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

Maximum value of SAR (interpolated) = 0.451 W/kg

Configuration_Head_IC-SAT100/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)

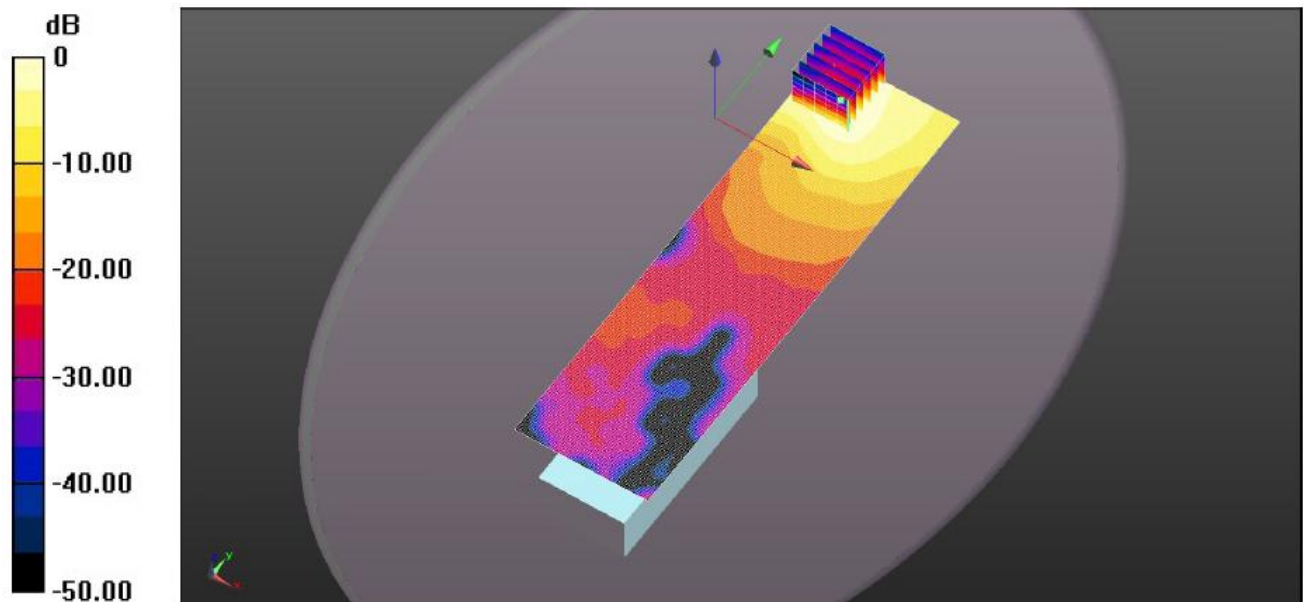
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.78 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.197 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.451 W/kg = -3.46 dBW/kg

FILE NAME: ICOM-593Q HEAD 1621 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 1621 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1621$ MHz; $\sigma = 1.287$ S/m; $\epsilon_r = 39.391$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 – SN3208; ConvF(5.51, 5.51, 5.51); Calibrated: 3/18/2022;
- Sensor-Surface: 2mm (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-SAT100/Head Front, P=5W, d=25mm/Area Scan (61x211x1):

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

Maximum value of SAR (interpolated) = 0.404 W/kg

Configuration_Head_IC-SAT100/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)

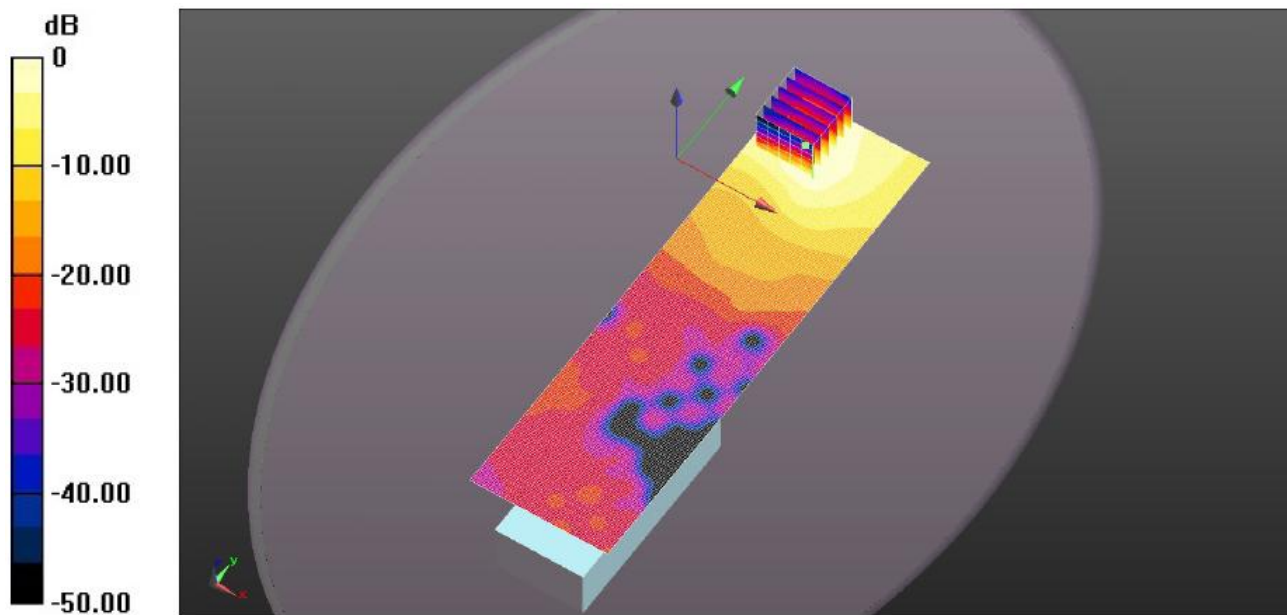
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.58 V/m; Power Drift = 0.67 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.193 W/kg (SAR corrected for target medium)

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



0 dB = 0.404 W/kg = -3.94 dBW/kg

FILE NAME: ICOM-593Q HEAD 1625 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 1625 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1625$ MHz; $\sigma = 1.291$ S/m; $\epsilon_r = 39.371$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 – SN3208; ConvF(5.51, 5.51, 5.51); Calibrated: 3/18/2022;
- Sensor-Surface: 2mm (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-SAT100/Head Front, P=5W, d=25mm/Area Scan (61x211x1):

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

Maximum value of SAR (interpolated) = 0.292 W/kg

Configuration_Head_IC-SAT100/Head Front, P=5W, d=25mm/Zoom Scan (5x5x7)

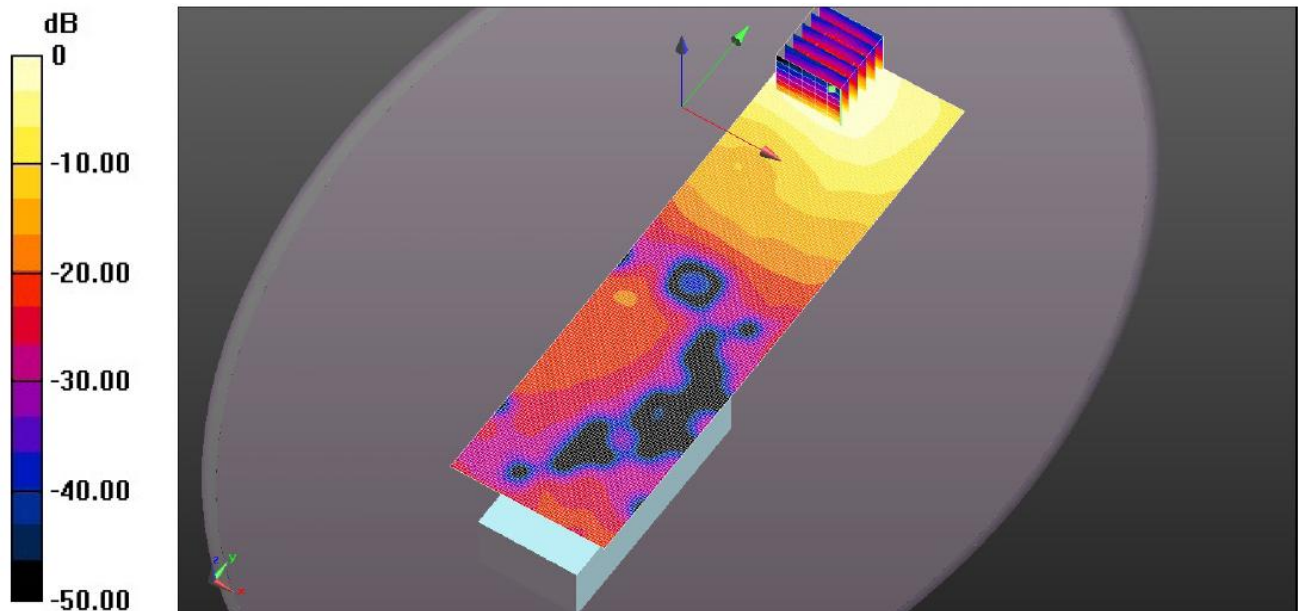
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.51 V/m; Power Drift = -0.72 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.138 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.284 W/kg



FILE NAME: ICOM-593Q BODY 1616 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 1616 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1616 \text{ MHz}$; $\sigma = 1.396 \text{ S/m}$; $\epsilon_r = 52.397$; $\rho = 1000 \text{ kg/m}^3$; Phantom section:
Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 – SN3208; ConvF(5.22, 5.22, 5.22); Calibrated: 3/18/2022;
- Sensor-Surface: 2mm (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-SAT100/Body Back, P=5W, d=0mm/Area Scan (61x211x1):

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

Maximum value of SAR (interpolated) = 0.109 W/kg

Configuration_Body_IC-SAT100/Body Back, P=5W, d=0mm/Zoom Scan (5x5x7)

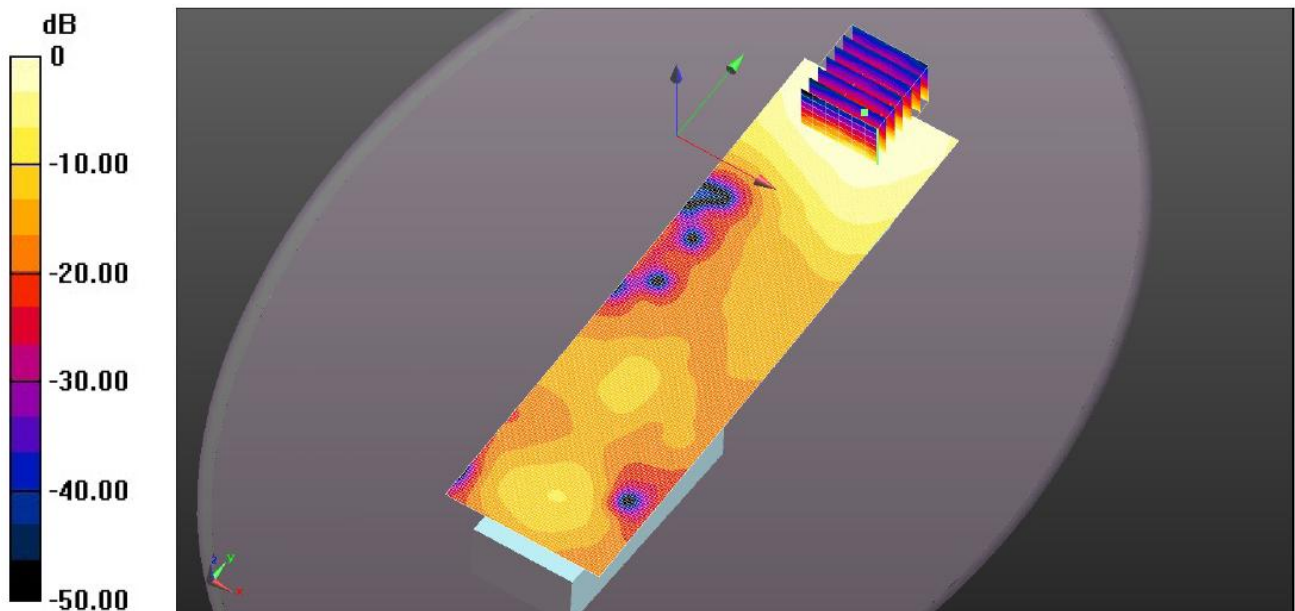
(7x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.549 V/m ; Power Drift = 0.54 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.086 W/kg ; SAR(10 g) = 0.057 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.109 W/kg = -9.62 dBW/kg

FILE NAME: ICOM-593Q BODY 1621 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 1621 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1621$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 52.372$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 – SN3208; ConvF(5.22, 5.22, 5.22); Calibrated: 3/18/2022;
- Sensor-Surface: 2mm (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-SAT100/Body Back, P=5W, d=0mm/Area Scan (61x211x1):

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

Maximum value of SAR (interpolated) = 0.0917 W/kg

Configuration_Body_IC-SAT100/Body Back, P=5W, d=0mm/Zoom Scan (5x5x7)

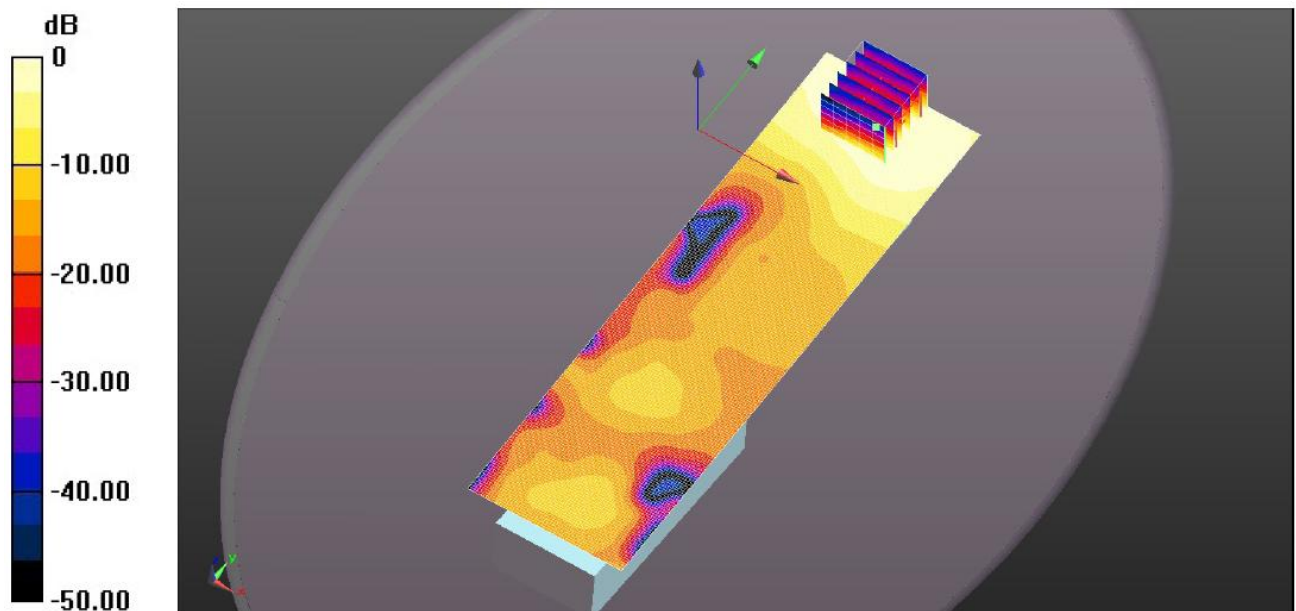
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.969 V/m; Power Drift = 0.68 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.043 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0870 W/kg



0 dB = 0.0917 W/kg = -10.37 dBW/kg

FILE NAME: ICOM-593Q BODY 1625 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 1625 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1625$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 52.376$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 – SN3208; ConvF(5.22, 5.22, 5.22); Calibrated: 3/18/2022;
- Sensor-Surface: 2mm (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-SAT100/Body Back, P=5W, d=0mm/Area Scan (61x211x1):

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

Maximum value of SAR (interpolated) = 0.0936 W/kg

Configuration_Body_IC-SAT100/Body Back, P=5W, d=0mm/Zoom Scan (5x5x7)

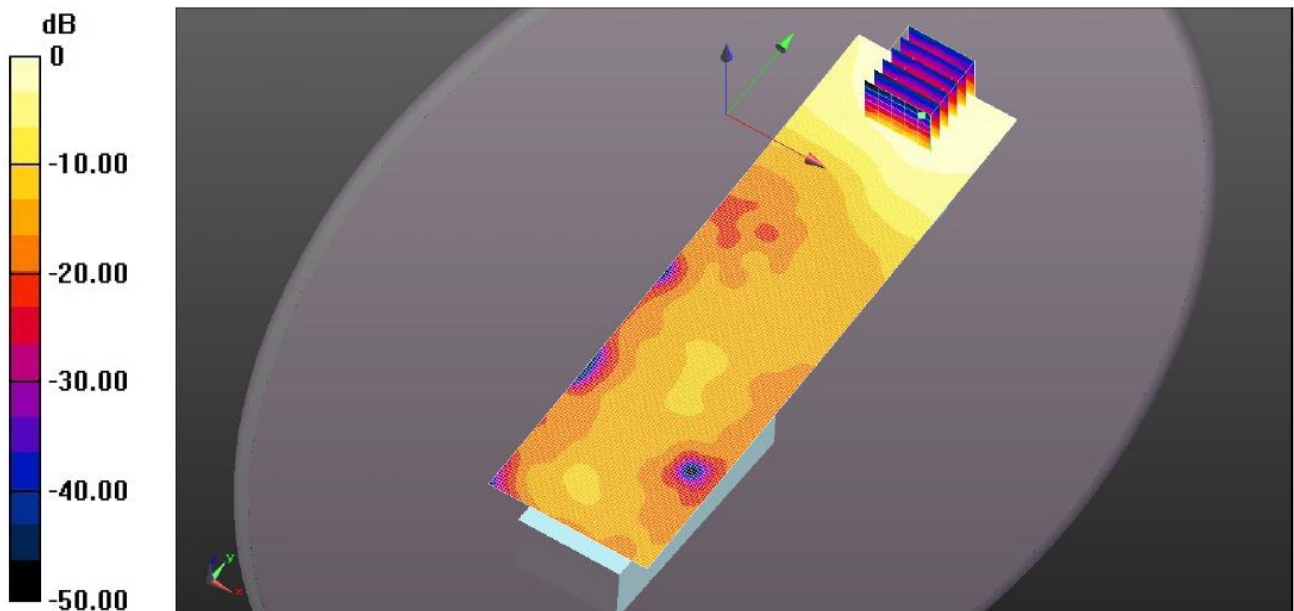
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.132 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.044 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0905 W/kg



0 dB = 0.0936 W/kg = -10.29 dBW/kg

EXHIBIT 2. 2450HZ SAR MEASUREMENTS

Head SAR Measurement Summary

Mode		Power (mW)	CH. Freq (MHz)	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-300	BP-300
				2350mAh	2350mAh
DTS	1M-PHY	5.32	2402	0.00577	0.00393
		5.07	2441	0.00668	0.00438
		5.25	2480	0.00762	0.00485
	2M-PHY	5.28	2402	0.00408	0.00302
		5.07	2441	0.00537	0.00364
		5.25	2480	0.00748	0.00458
DSS	DH5	5.35	2402	0.00421	0.00302
		5.09	2441	0.00581	0.00426
		5.27	2480	0.00639	0.00441
	2-DH5	9.31	2402	0.00295	0.00207
		8.87	2441	0.00286	0.00234
		9.27	2480	0.00295	0.00235
	3-DH5	10.86	2402	0.00146	0.00061
		10.45	2441	0.00308	0.0023
		10.91	2480	0.00261	0.0022

Body SAR Measurement Summary

Mode		Power (mW)	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-300	BP-300
			(MHz)	2350mAh	2350mAh
DTS	1M-PHY	5.32	2402	0.00327	0.00243
		5.07	2441	0.00377	0.00296
		5.25	2480	0.00398	0.00327
	2M-PHY	5.28	2402	0.00304	0.0027
		5.07	2441	0.00284	0.00241
		5.25	2480	0.00346	0.00218
DSS	DH5	5.35	2402	0.00294	0.00235
		5.09	2441	0.00342	0.00208
		5.27	2480	0.00382	0.00307
	2-DH5	9.31	2402	0.00335	0.0019
		8.87	2441	0.00395	0.00302
		9.27	2480	0.0044	0.00357
	3-DH5	10.86	2402	0.00339	0.00296
		10.45	2441	0.00354	0.00273
		10.91	2480	0.00404	0.00288

FILE NAME: ICOM-593Q HEAD (DTS 1M-PHY) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.594$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00823 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

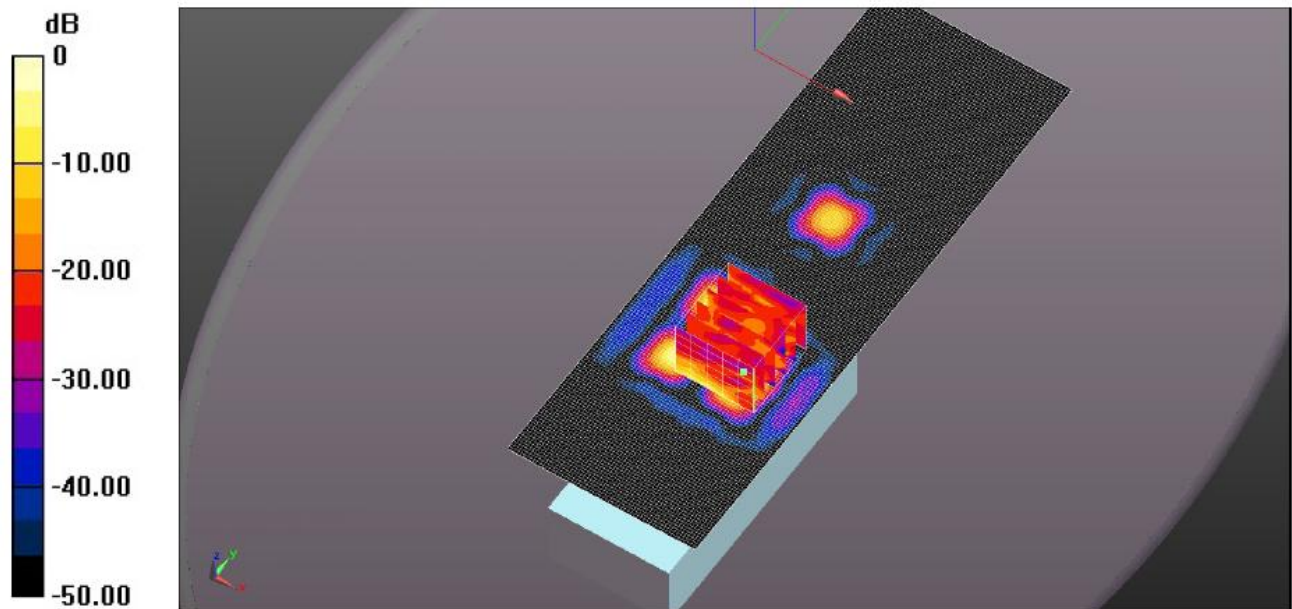
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.5870 V/m; Power Drift = 2.49 dB

Peak SAR (extrapolated) = 0.00957 W/kg

SAR(1 g) = 0.00577 W/kg; SAR(10 g) = 0.00393 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00788 W/kg



0 dB = 0.00823 W/kg = -20.85 dBW/kg

FILE NAME: ICOM-593Q HEAD (DTS 1M-PHY) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2440 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2440$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.442$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.0135 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

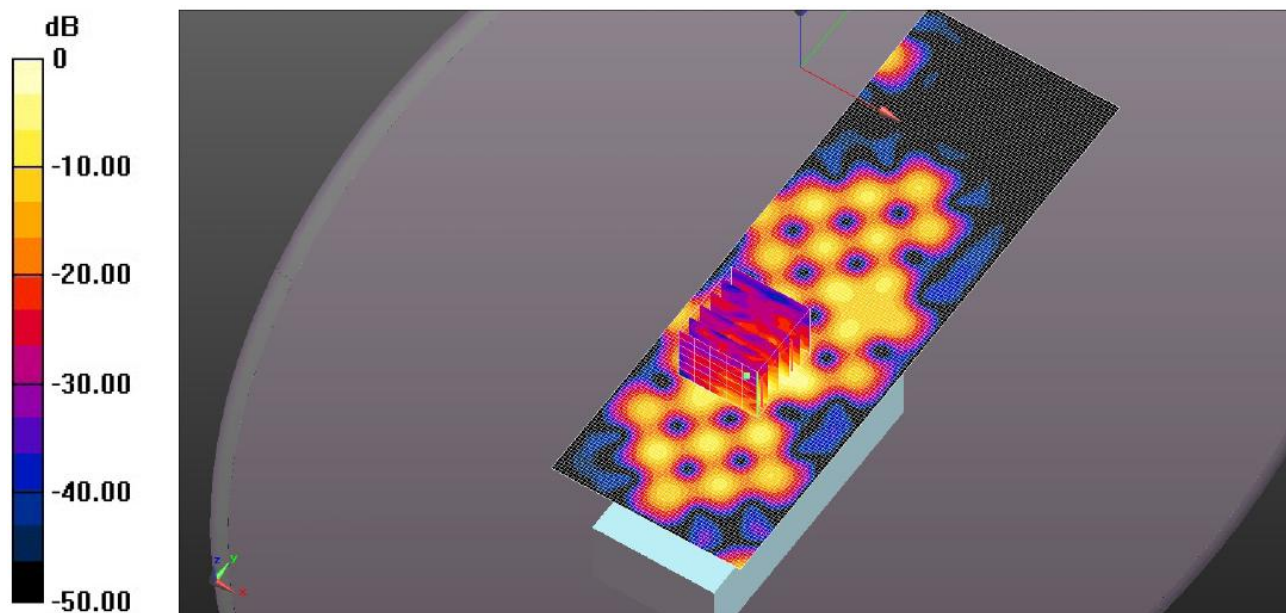
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.7090 V/m; Power Drift = 6.29 dB

Peak SAR (extrapolated) = 0.00964 W/kg

SAR(1 g) = 0.00668 W/kg; SAR(10 g) = 0.00438 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00837 W/kg



0 dB = 0.0135 W/kg = -18.68 dBW/kg

FILE NAME: ICOM-593Q HEAD (DTS 1M-PHY) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 39.34$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.0106 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

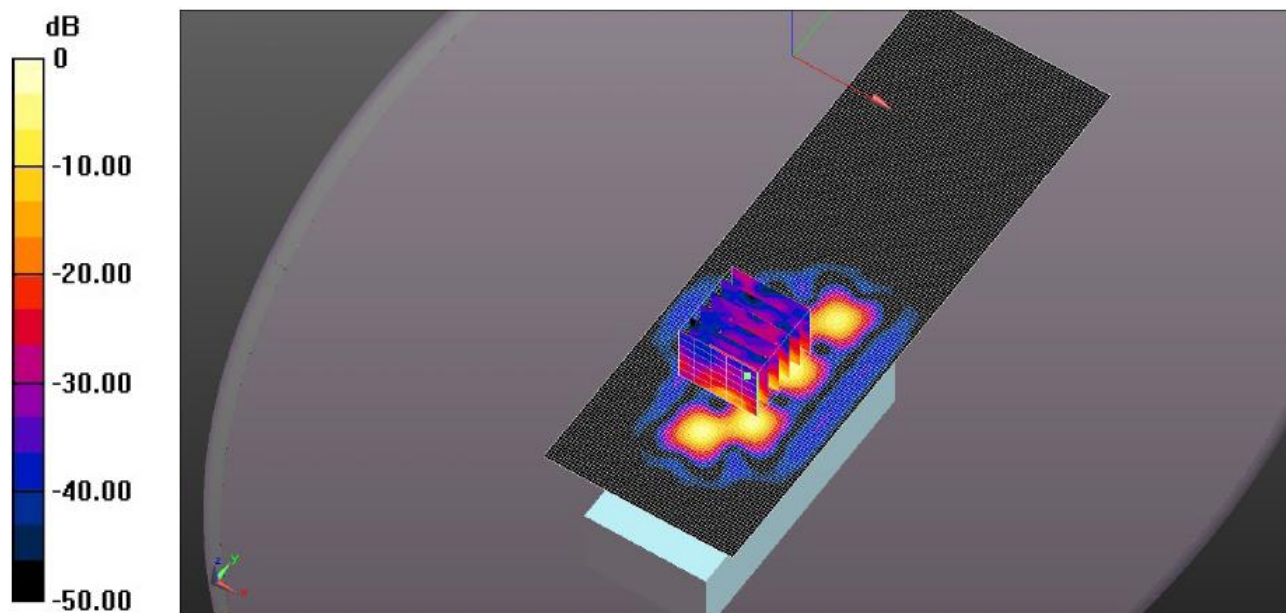
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.358 V/m; Power Drift = 1.11 dB

Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00762 W/kg; SAR(10 g) = 0.00485 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00982 W/kg



0 dB = 0.0106 W/kg = -19.74 dBW/kg

FILE NAME: ICOM-593Q HEAD (DTS 2M-PHY) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.594$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00414 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

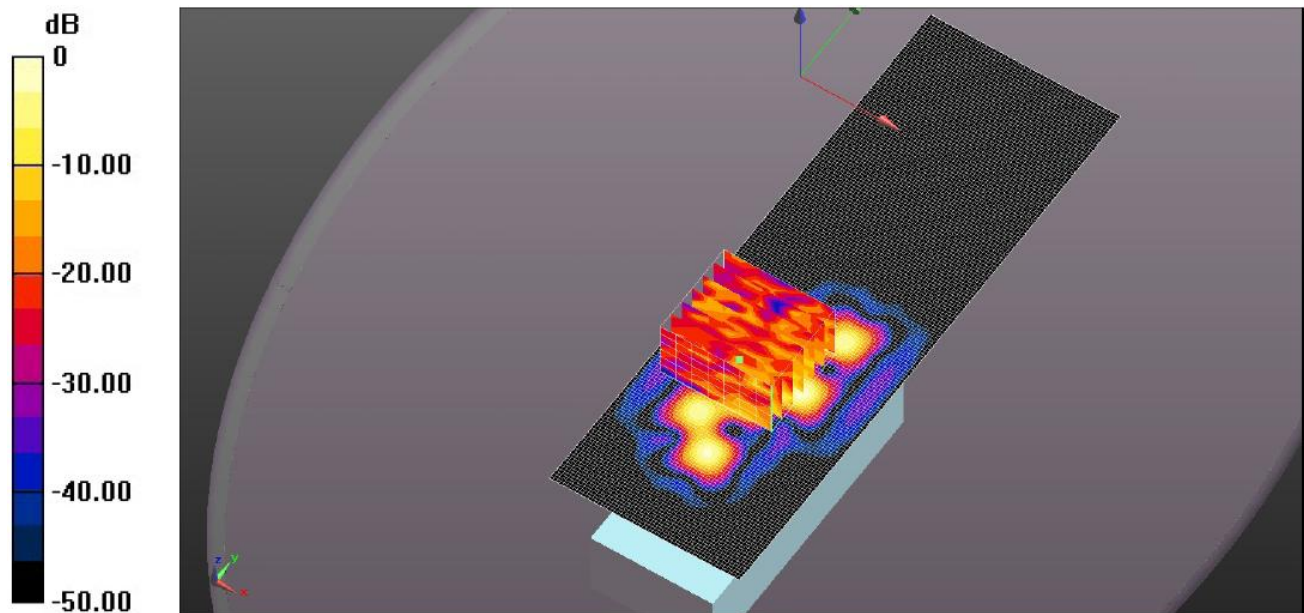
(8x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.226 V/m; Power Drift = 1.10 dB

Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00408 W/kg; SAR(10 g) = 0.00302 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00510 W/kg



0 dB = 0.00414 W/kg = -23.83 dBW/kg

FILE NAME: ICOM-593Q HEAD (DTS 2M-PHY) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2440 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2440$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.442$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00657 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

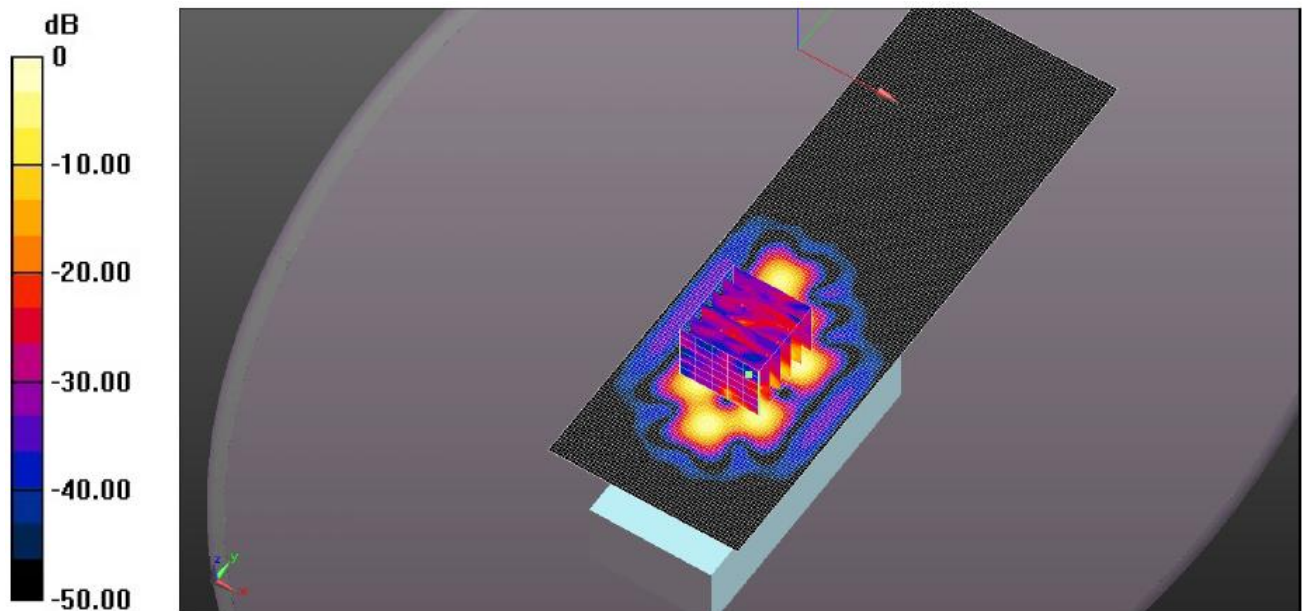
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.7560 V/m; Power Drift = 6.00 dB

Peak SAR (extrapolated) = 0.00820 W/kg

SAR(1 g) = 0.00537 W/kg; SAR(10 g) = 0.00364 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00733 W/kg



0 dB = 0.00657 W/kg = -21.82 dBW/kg

FILE NAME: ICOM-593Q HEAD (DTS 2M-PHY) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 39.34$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.0114 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

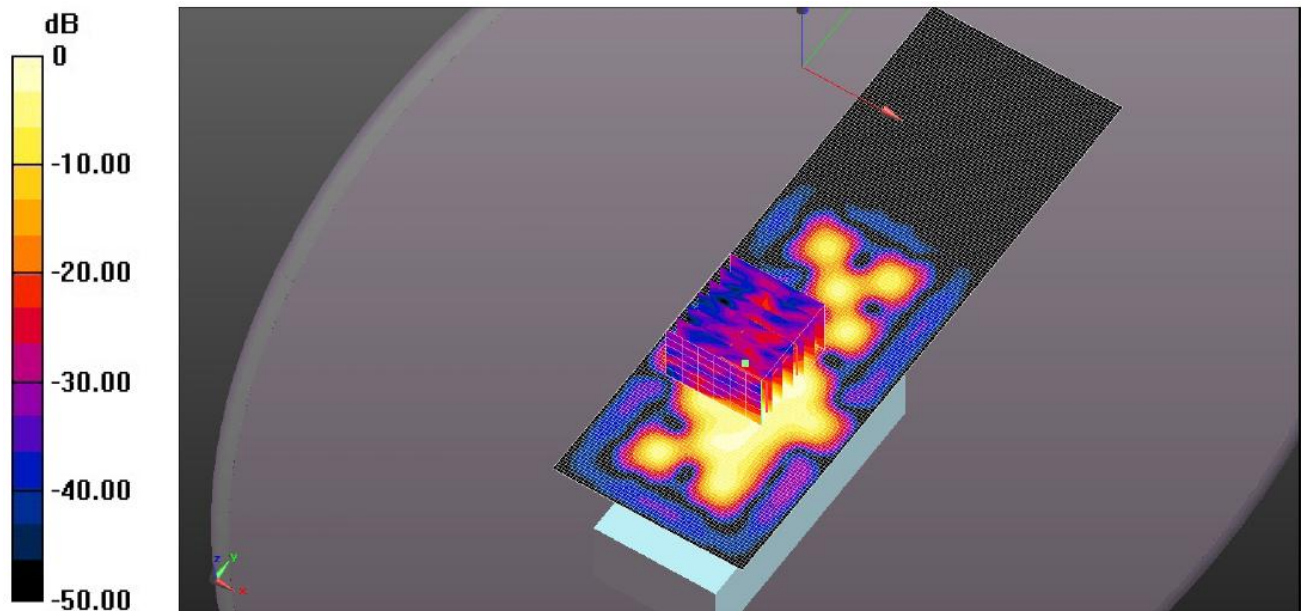
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.677 V/m; Power Drift = -1.35 dB

Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00748 W/kg; SAR(10 g) = 0.00458 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00984 W/kg



0 dB = 0.0114 W/kg = -19.43 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS DH5) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.594$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00421 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

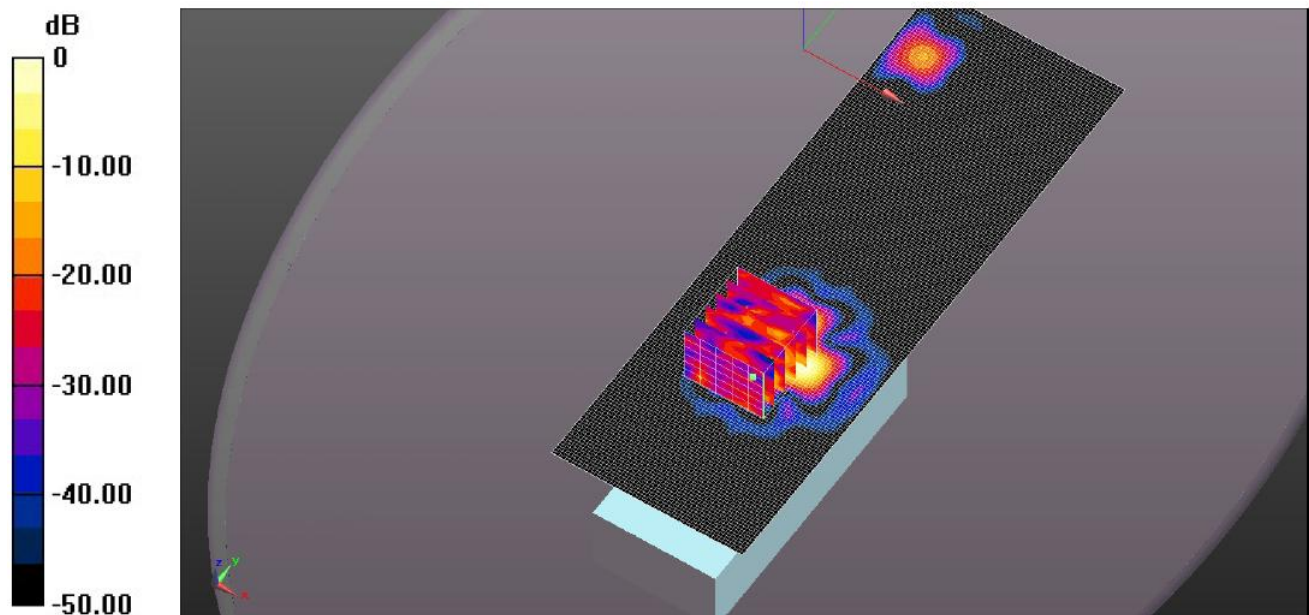
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.8350 V/m; Power Drift = 1.70 dB

Peak SAR (extrapolated) = 0.00635 W/kg

SAR(1 g) = 0.00421 W/kg; SAR(10 g) = 0.00302 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00550 W/kg



0 dB = 0.00421 W/kg = -23.75 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS DH5) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 39.439$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00720 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

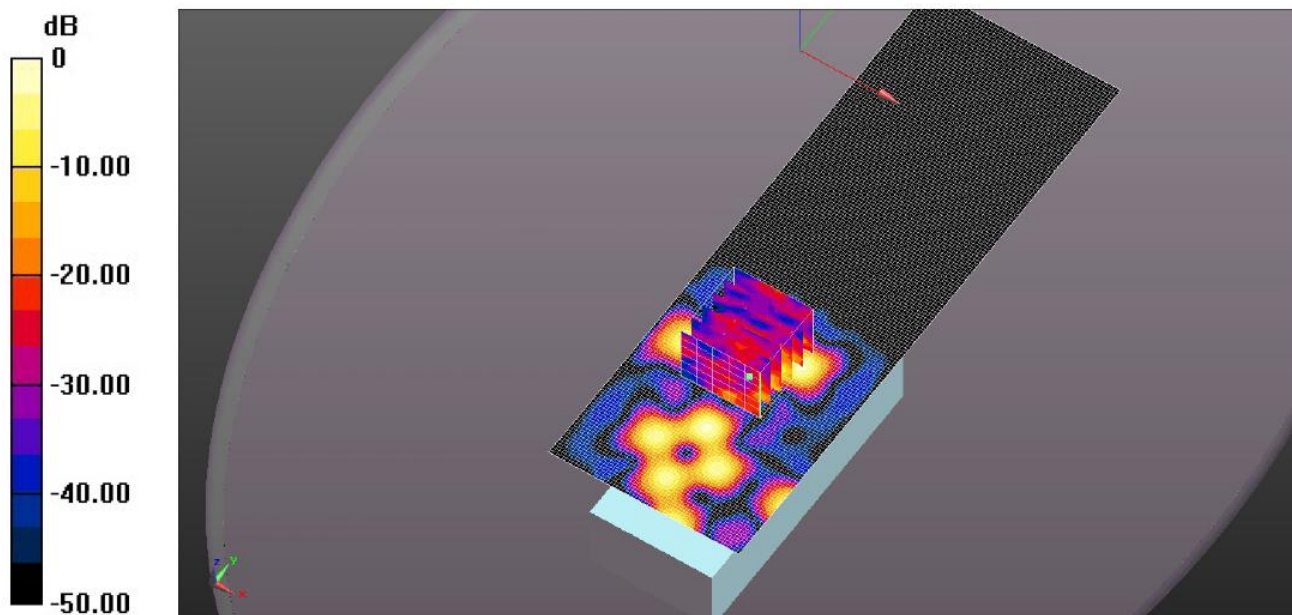
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.386 V/m; Power Drift = 0.70 dB

Peak SAR (extrapolated) = 0.00791 W/kg

SAR(1 g) = 0.00581 W/kg; SAR(10 g) = 0.00426 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00687 W/kg



0 dB = 0.00720 W/kg = -21.43 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS DH5) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 39.34$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.0124 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

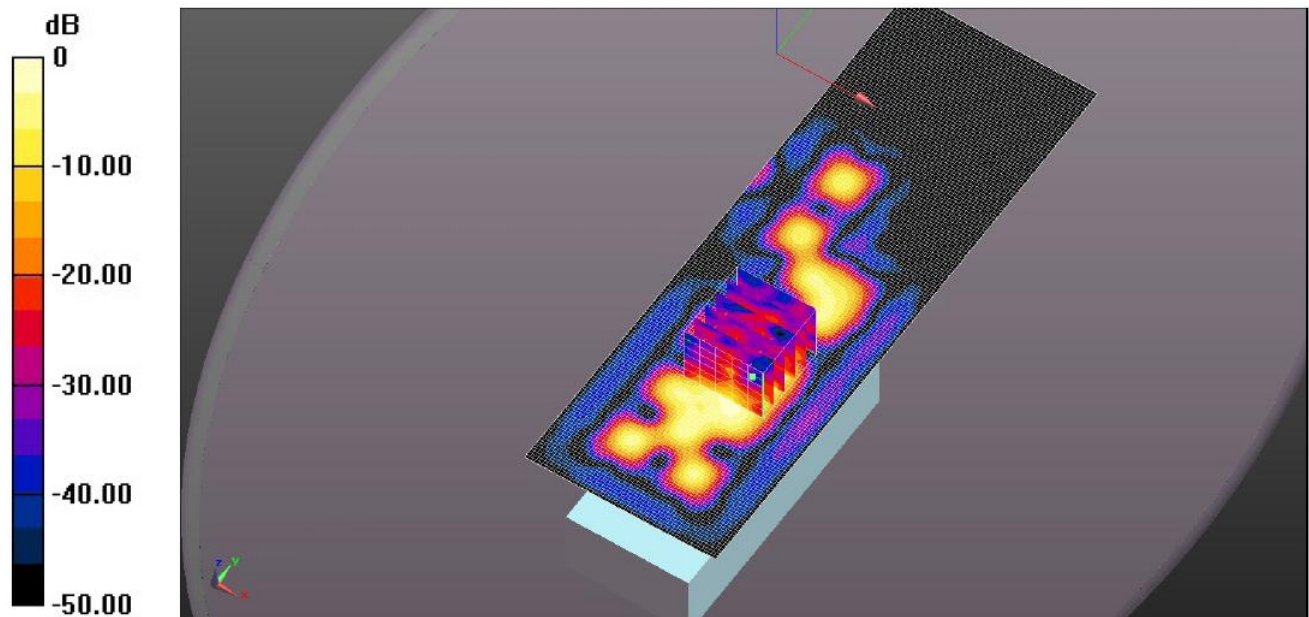
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.157 V/m; Power Drift = 2.33 dB

Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00639 W/kg; SAR(10 g) = 0.00441 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00818 W/kg



0 dB = 0.0124 W/kg = -19.08 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS 2DH5) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.594$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00320 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

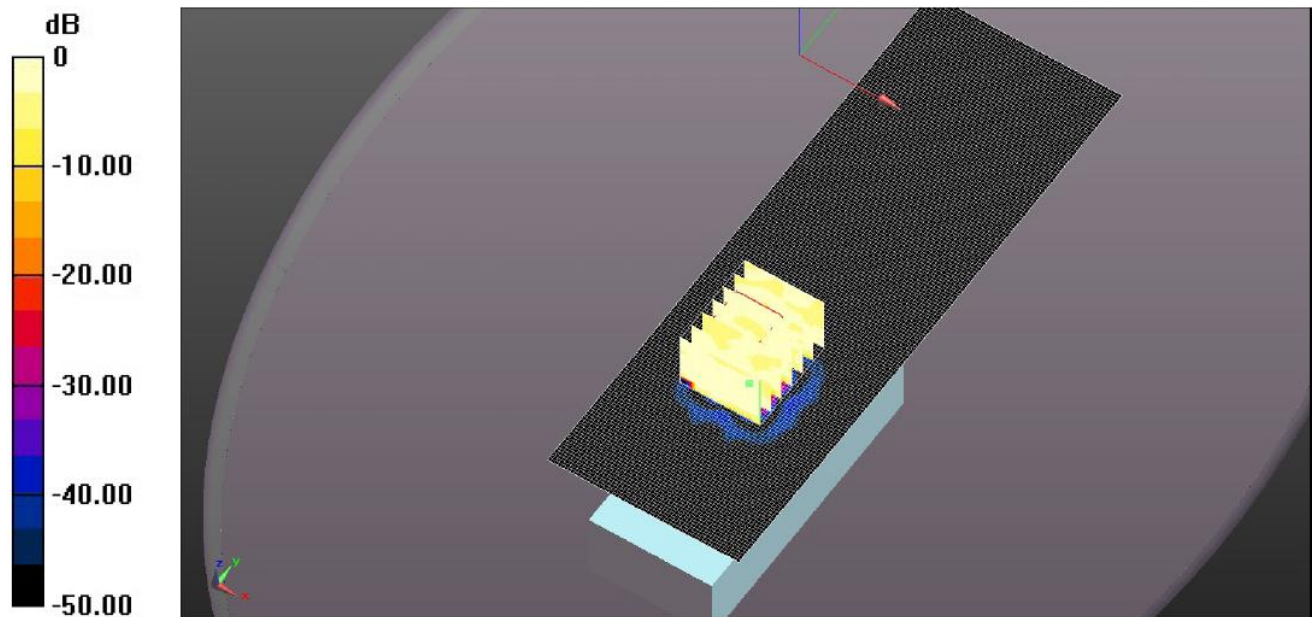
(6x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.7940 V/m; Power Drift = 2.16 dB

Peak SAR (extrapolated) = 0.00630 W/kg

SAR(1 g) = 0.00295 W/kg; SAR(10 g) = 0.00207 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00399 W/kg



0 dB = 0.00320 W/kg = -24.95 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS 2DH5) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 39.494$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00303 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

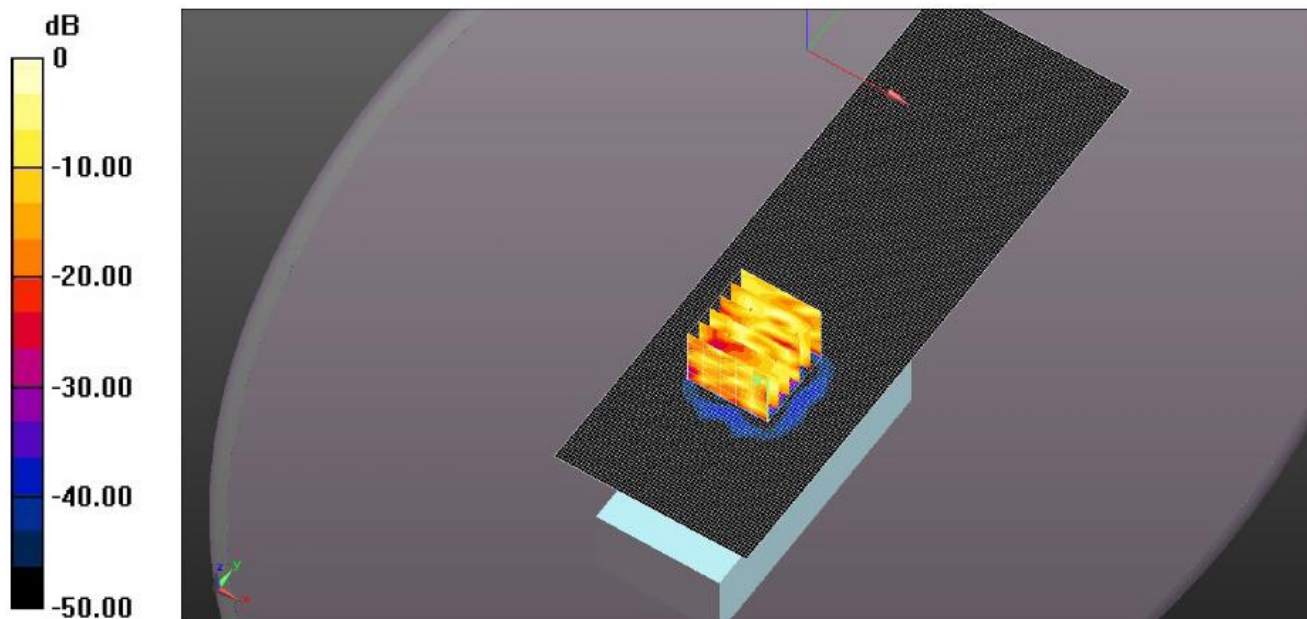
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.8860 V/m; Power Drift = 1.69 dB

Peak SAR (extrapolated) = 0.00409 W/kg

SAR(1 g) = 0.00286 W/kg; SAR(10 g) = 0.00234 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00313 W/kg



0 dB = 0.00303 W/kg = -25.18 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS 2DH5) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 39.34$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00294 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

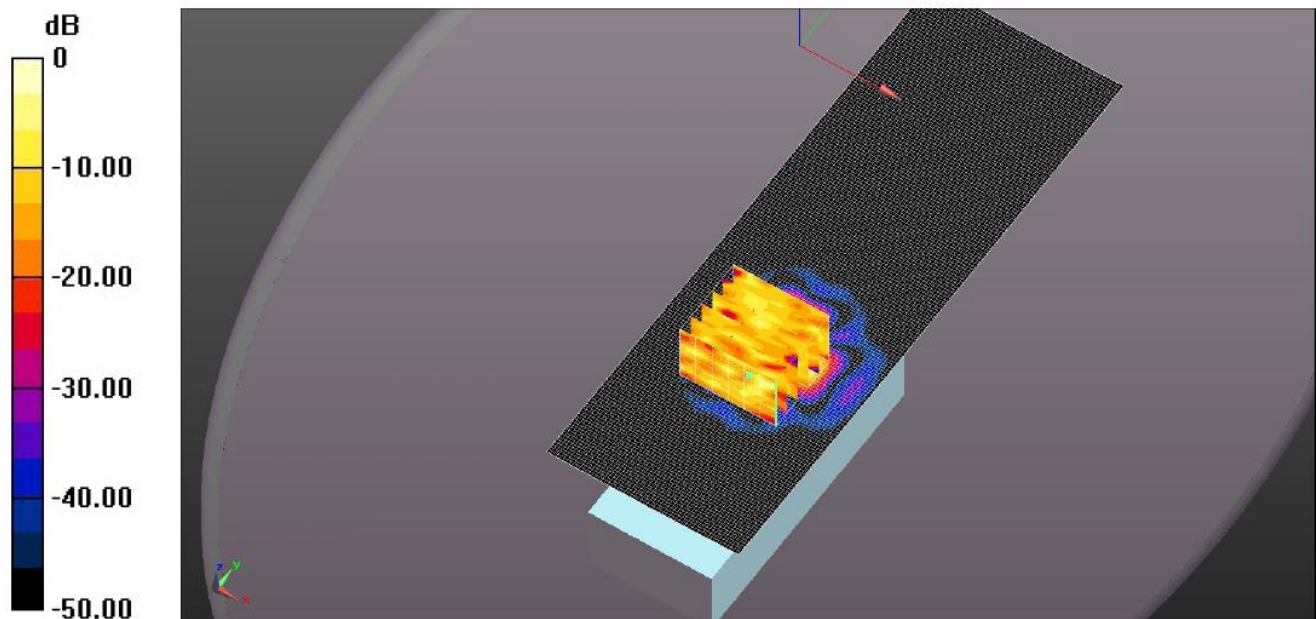
(7x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.9130 V/m; Power Drift = 0.91 dB

Peak SAR (extrapolated) = 0.00374 W/kg

SAR(1 g) = 0.00295 W/kg; SAR(10 g) = 0.00235 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00374 W/kg



0 dB = 0.00294 W/kg = -25.31 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS 3DH5) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.594$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00403 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

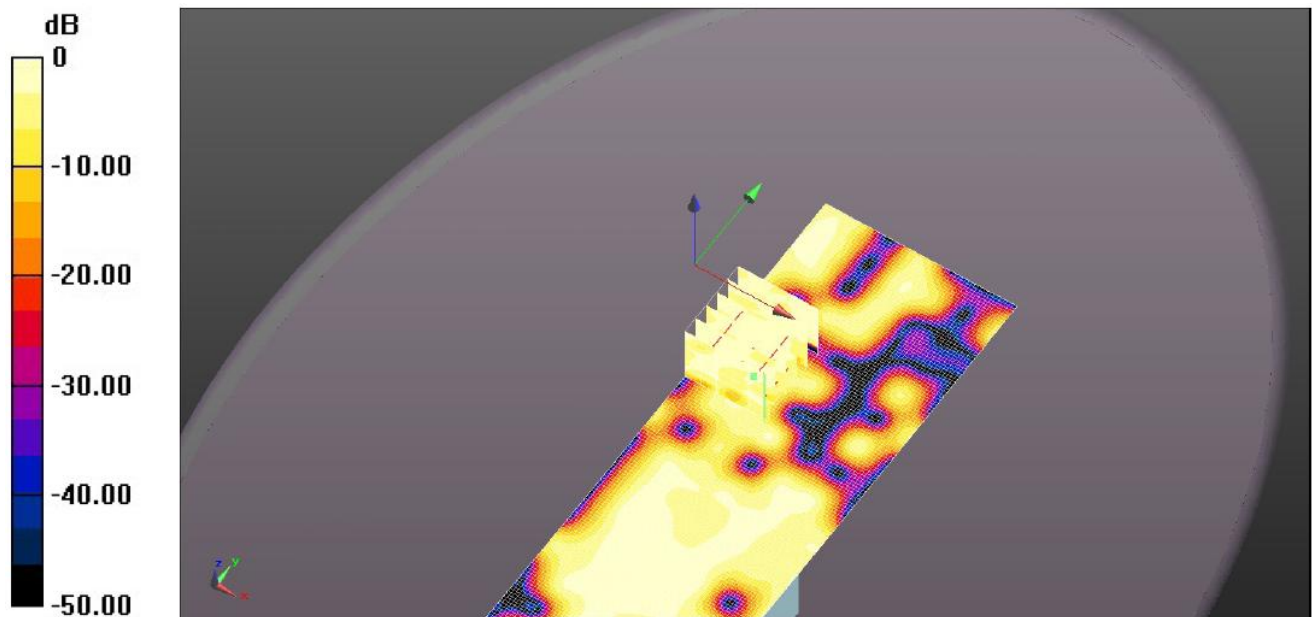
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.9430 V/m; Power Drift = -0.46 dB

Peak SAR (extrapolated) = 0.00307 W/kg

SAR(1 g) = 0.00146 W/kg; SAR(10 g) = 0.00061 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00306 W/kg



0 dB = 0.00403 W/kg = -23.95 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS 3DH5) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 39.439$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

Maximum value of SAR (interpolated) = 0.00179 W/kg

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

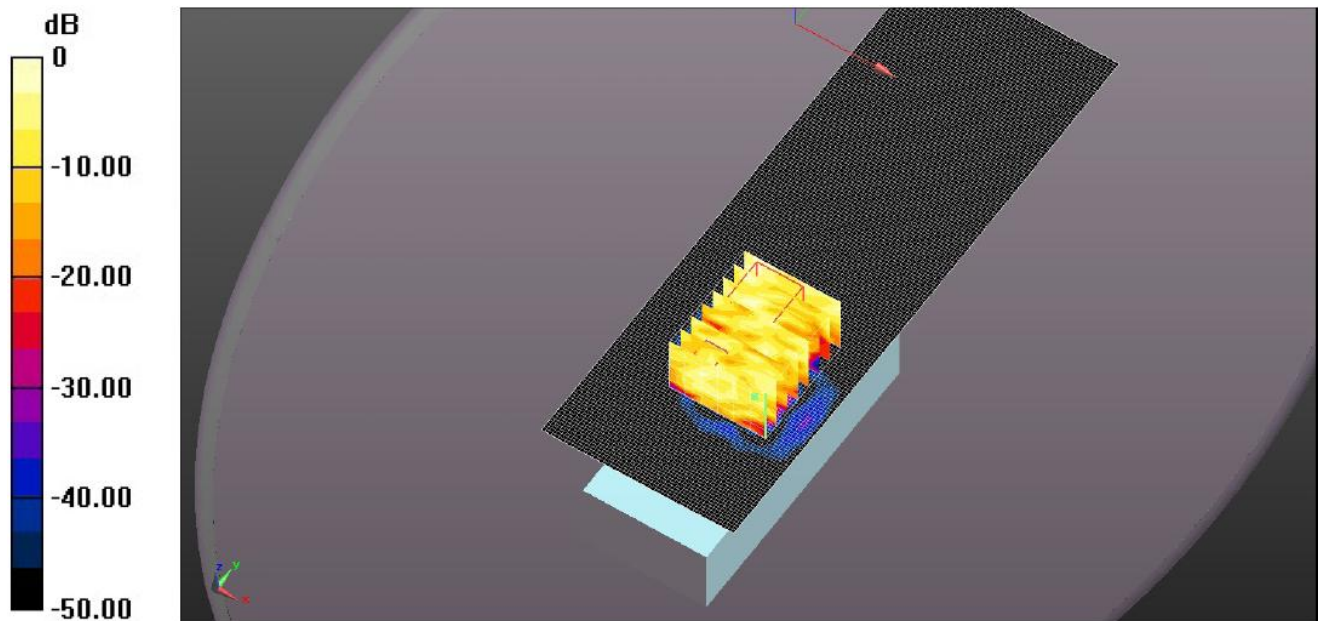
(7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.6880 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.00683 W/kg

SAR(1 g) = 0.00308 W/kg; SAR(10 g) = 0.0023 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00329 W/kg



0 dB = 0.00179 W/kg = -27.47 dBW/kg

FILE NAME: ICOM-593Q HEAD (DSS 3DH5) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 39.34$; $\rho = 1000$ 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-SAT100/Head Front, P=12mW, d=25mm/Area Scan (61x181x1):

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

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

Configuration_Head_IC-SAT100/Head Front, P=12mW, d=25mm/Zoom Scan (5x5x7)

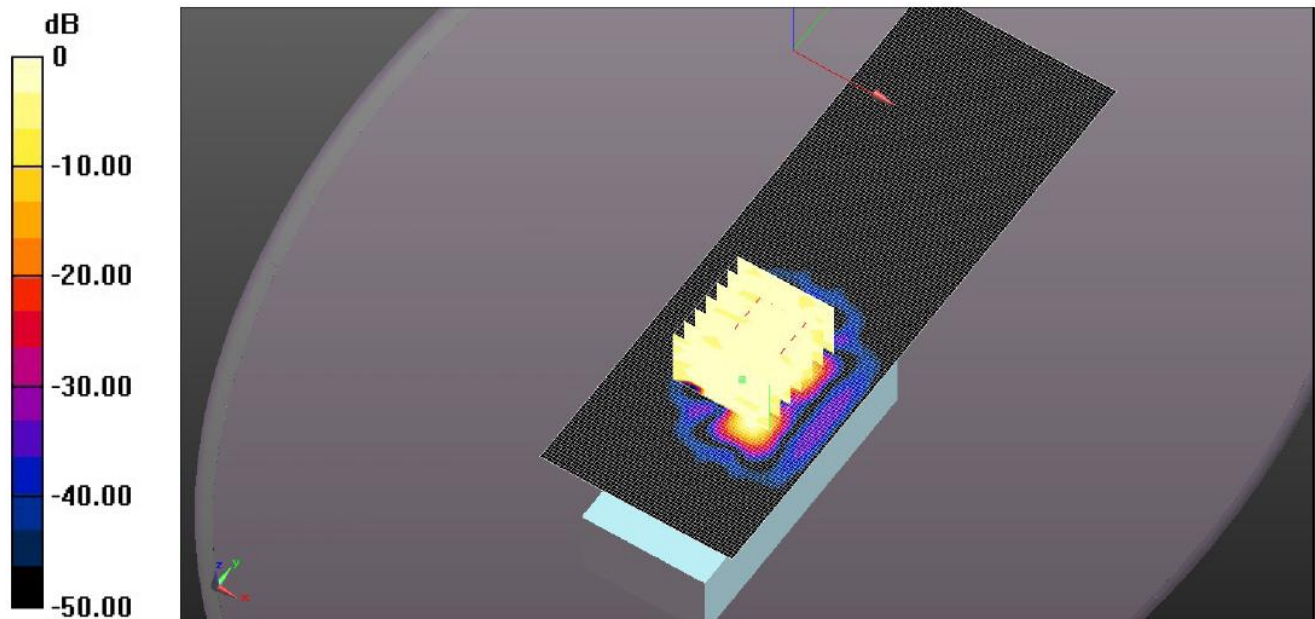
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.9690 V/m; Power Drift = 0.38 dB

Peak SAR (extrapolated) = 0.00326 W/kg

SAR(1 g) = 0.00261 W/kg; SAR(10 g) = 0.0022 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00326 W/kg



0 dB = 0.00230 W/kg = -26.38 dBW/kg

FILE NAME: ICOM-593Q BODY (DTS 1M-PHY) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.913$ S/m; $\epsilon_r = 52.262$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00396 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

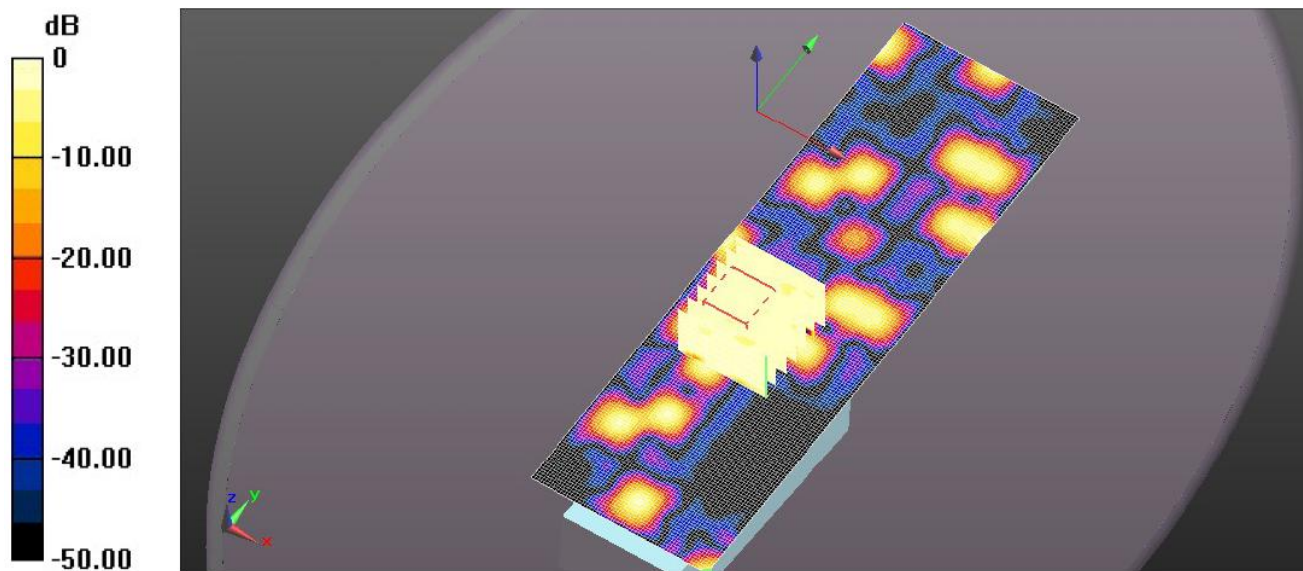
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.223 V/m; Power Drift = 0.25 dB

Peak SAR (extrapolated) = 0.00545 W/kg

SAR(1 g) = 0.00327 W/kg; SAR(10 g) = 0.00243 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00361 W/kg



0 dB = 0.00396 W/kg = -24.02 dBW/kg

FILE NAME: ICOM-593Q BODY (DTS 1M-PHY) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00489 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

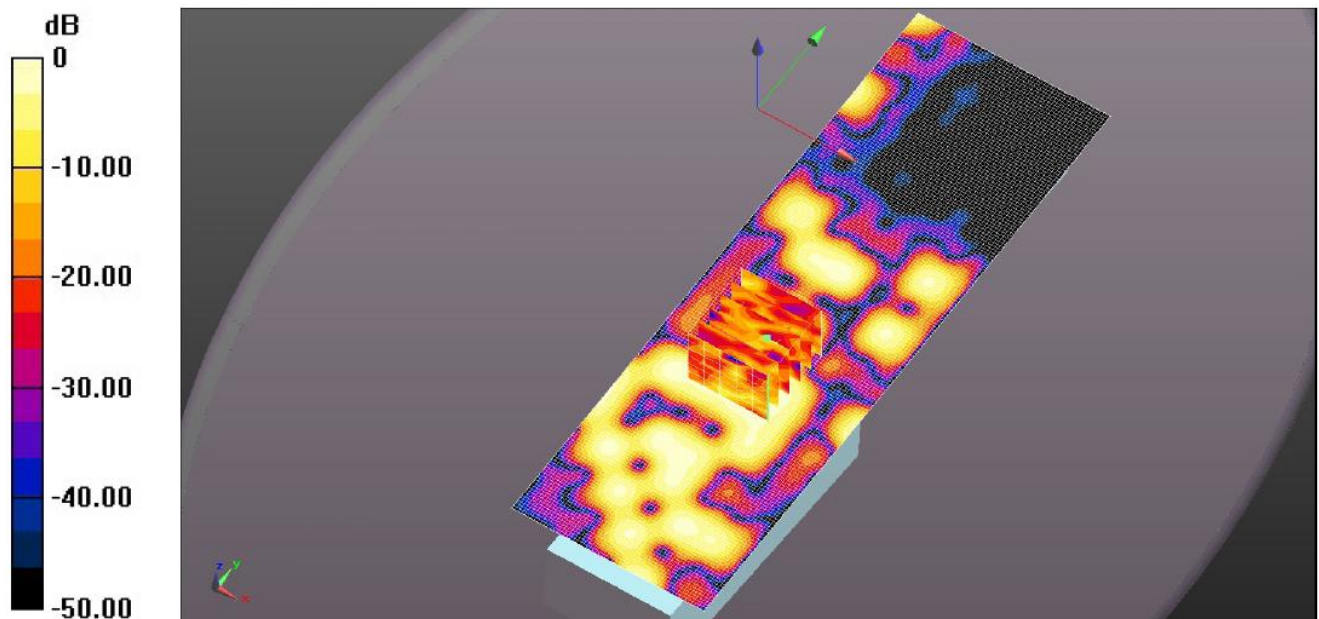
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.539 V/m; Power Drift = -1.68 dB

Peak SAR (extrapolated) = 0.00453 W/kg

SAR(1 g) = 0.00377 W/kg; SAR(10 g) = 0.00296 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00433 W/kg



0 dB = 0.00489 W/kg = -23.11 dBW/kg

FILE NAME: ICOM-593Q BODY (DTS 1M-PHY) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 51.884$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00694 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

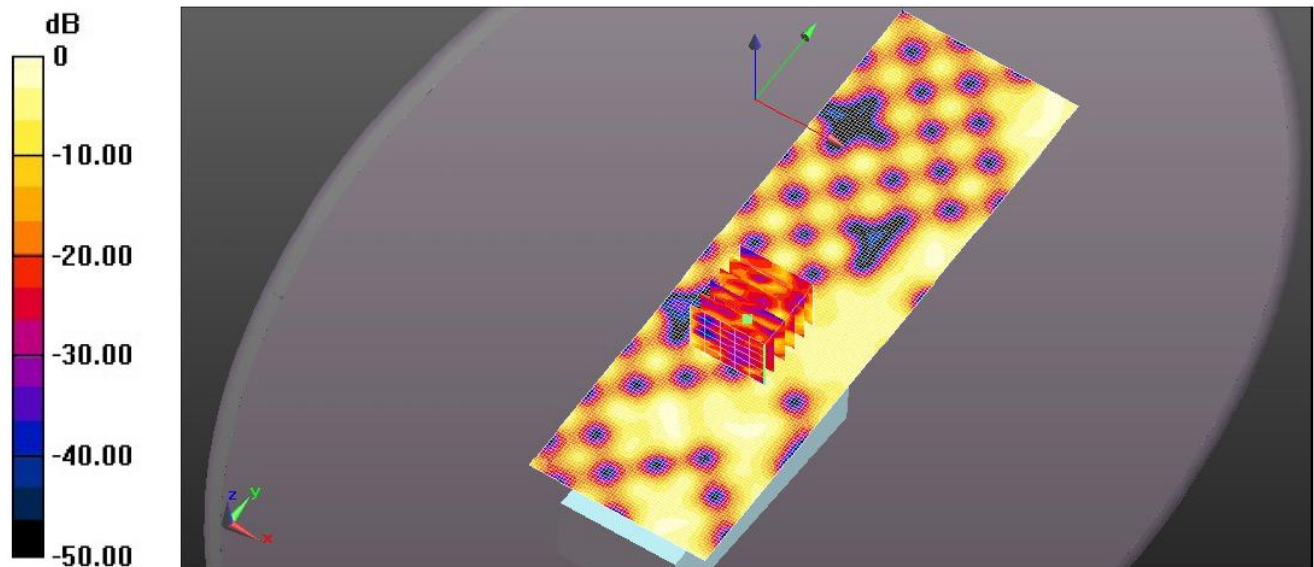
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.146 V/m; Power Drift = 1.21 dB

Peak SAR (extrapolated) = 0.00497 W/kg

SAR(1 g) = 0.00398 W/kg; SAR(10 g) = 0.00327 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00468 W/kg



0 dB = 0.00694 W/kg = -21.58 dBW/kg

FILE NAME: ICOM-593Q BODY (DTS 2M-PHY) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.913$ S/m; $\epsilon_r = 52.262$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00260 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

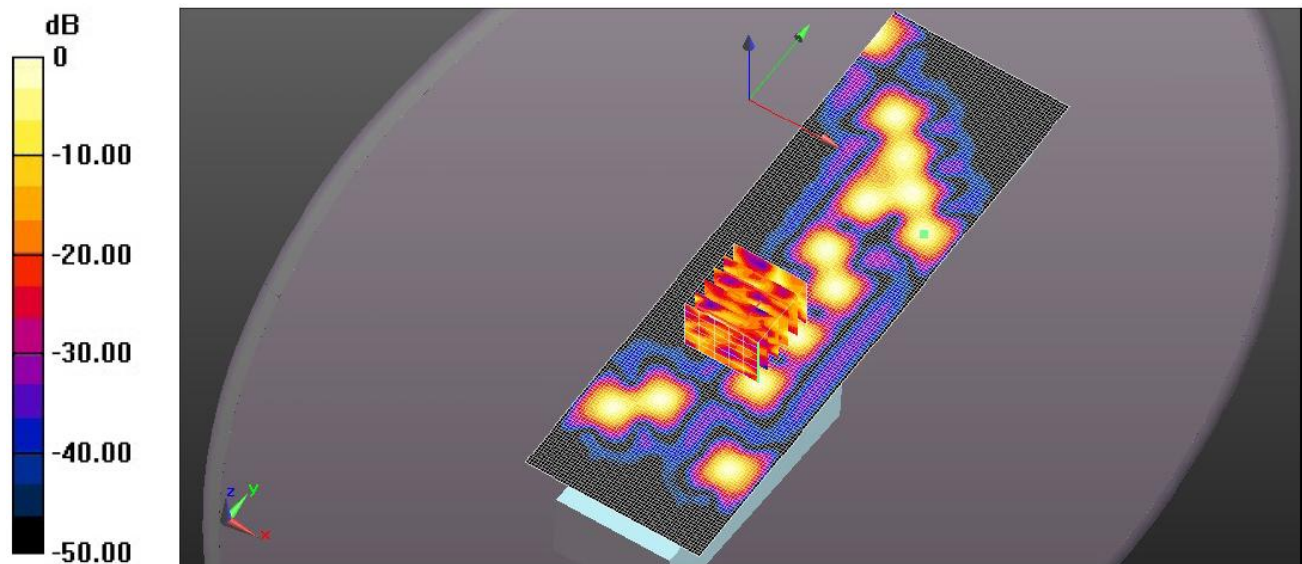
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.154 V/m; Power Drift = -1.14 dB

Peak SAR (extrapolated) = 0.00382 W/kg

SAR(1 g) = 0.00304 W/kg; SAR(10 g) = 0.0027 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00374 W/kg



0 dB = 0.00260 W/kg = -25.85 dBW/kg

FILE NAME: ICOM-593Q BODY (DTS 2M-PHY) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00163 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

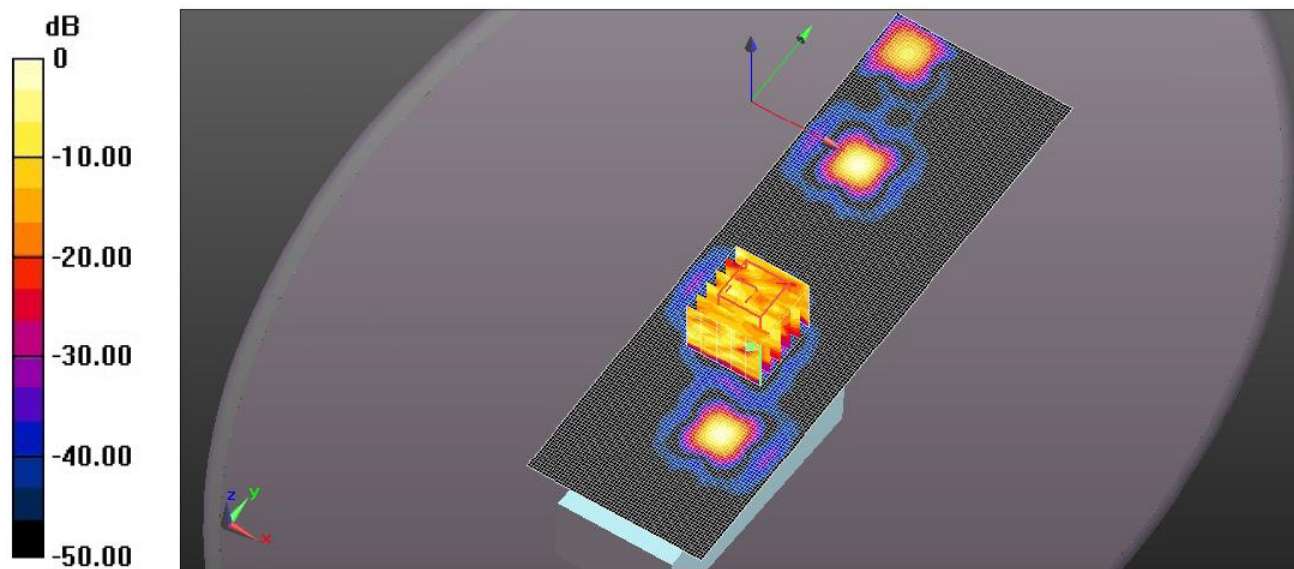
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.9490 V/m; Power Drift = 2.13 dB

Peak SAR (extrapolated) = 0.00401 W/kg

SAR(1 g) = 0.00284 W/kg; SAR(10 g) = 0.00241 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00392 W/kg



0 dB = 0.00163 W/kg = -27.89 dBW/kg

FILE NAME: ICOM-593Q BODY (DTS 2M-PHY) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 51.884$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00111 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

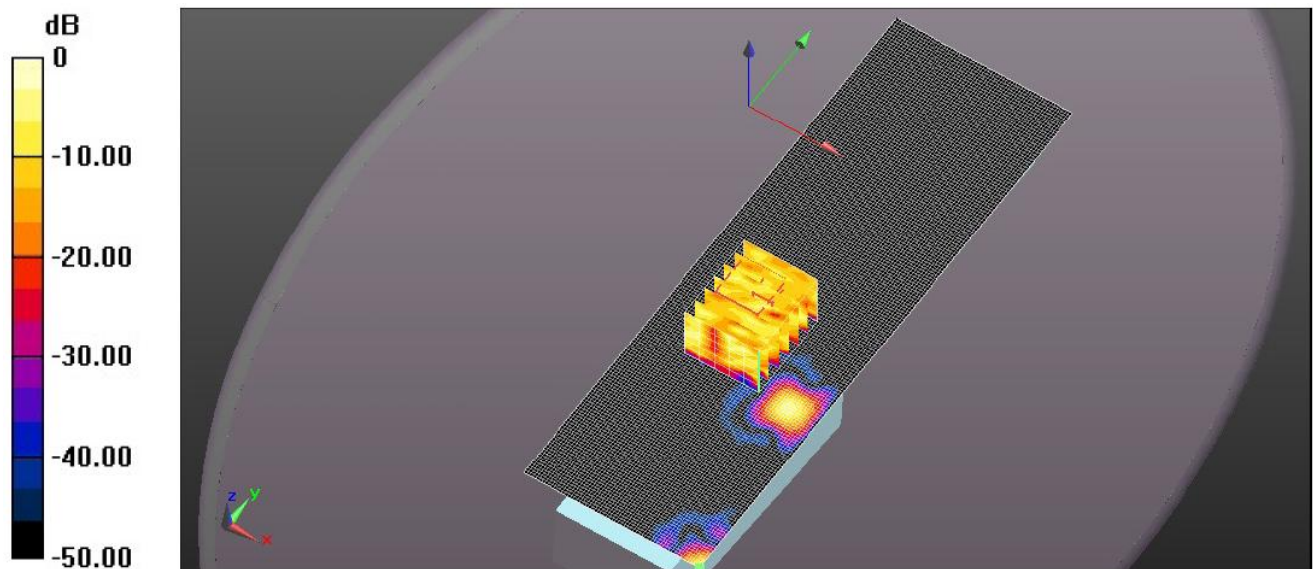
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.8420 V/m; Power Drift = 2.61 dB

Peak SAR (extrapolated) = 0.00542 W/kg

SAR(1 g) = 0.00346 W/kg; SAR(10 g) = 0.00218 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00393 W/kg



0 dB = 0.00111 W/kg = -29.56 dBW/kg

FILE NAME: ICOM-593Q BODY (DSS DH5) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.913$ S/m; $\epsilon_r = 52.262$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x201x1):

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

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

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

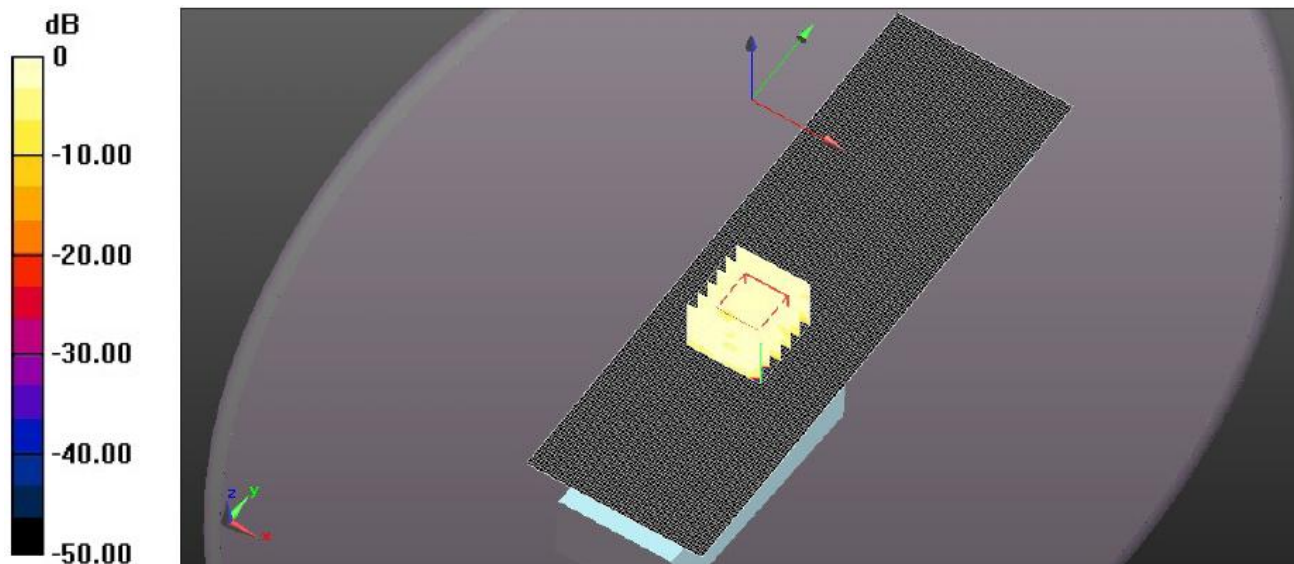
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.9860 V/m; Power Drift = 0.70 dB

Peak SAR (extrapolated) = 0.00451 W/kg

SAR(1 g) = 0.00294 W/kg; SAR(10 g) = 0.00235 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00364 W/kg



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

FILE NAME: ICOM-593Q BODY (DSS DH5) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

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

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

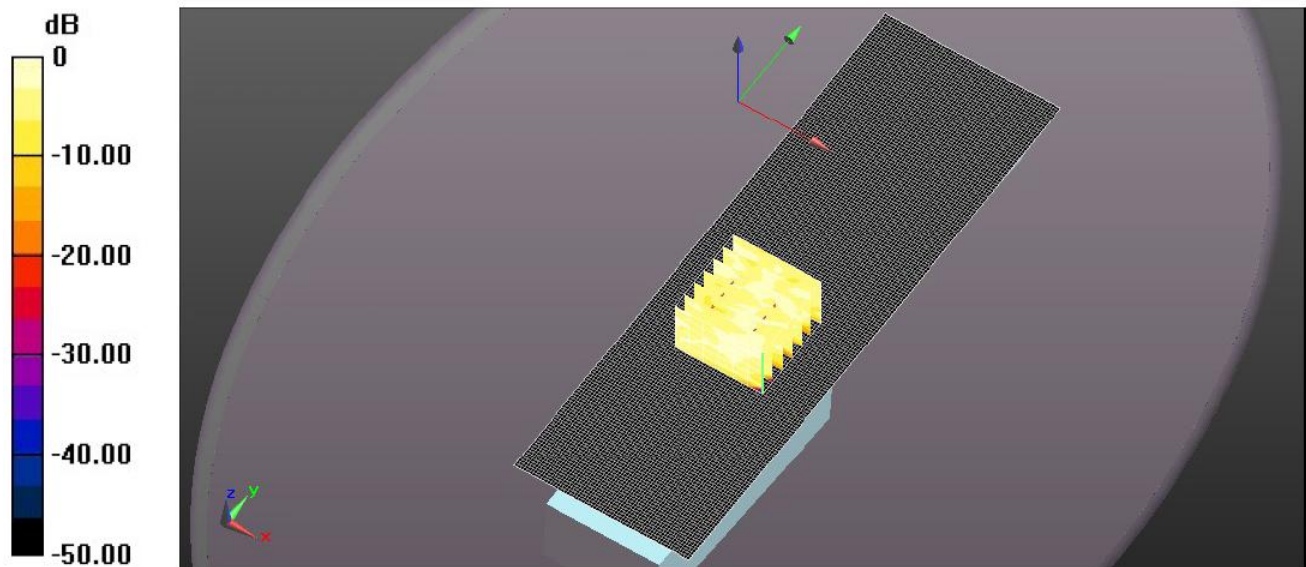
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.099 V/m; Power Drift = 2.55 dB

Peak SAR (extrapolated) = 0.00528 W/kg

SAR(1 g) = 0.00342 W/kg; SAR(10 g) = 0.00208 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00390 W/kg



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

FILE NAME: ICOM-593Q BODY (DSS DH5) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 51.884$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASY5 (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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

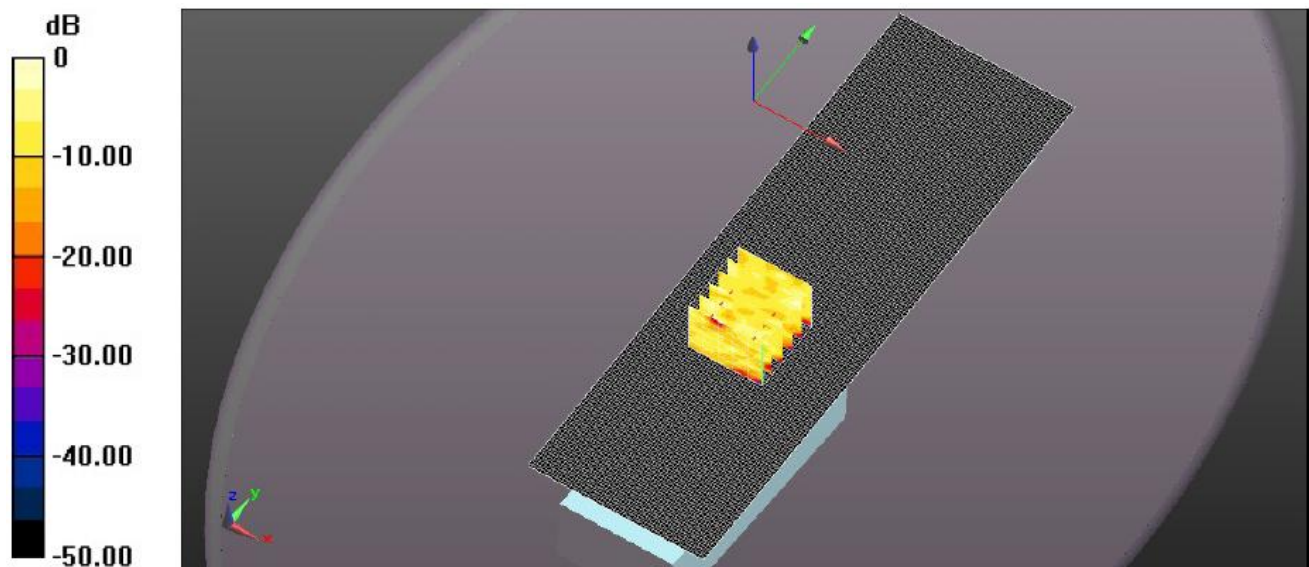
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.9430 V/m; Power Drift = 2.97 dB

Peak SAR (extrapolated) = 0.00494 W/kg

SAR(1 g) = 0.00382 W/kg; SAR(10 g) = 0.00307 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00430 W/kg



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

FILE NAME: ICOM-593Q BODY (DSS 2-DH5) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.913$ S/m; $\epsilon_r = 52.262$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x201x1):

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

Maximum value of SAR (interpolated) = 0.00271 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

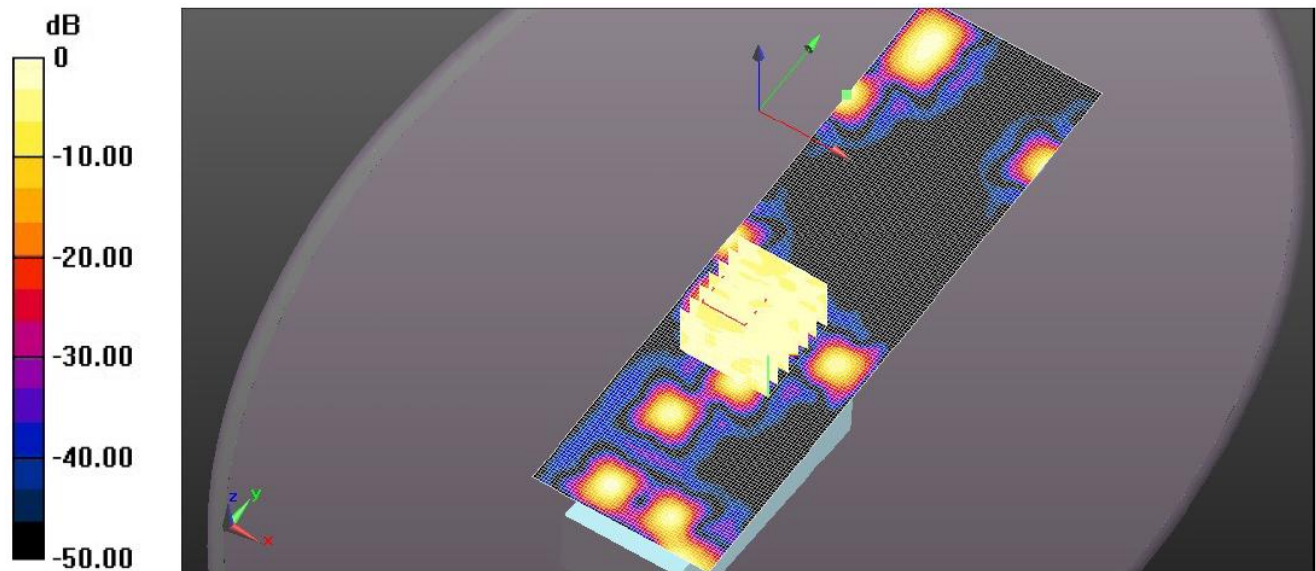
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.359 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.00597 W/kg

SAR(1 g) = 0.00335 W/kg; SAR(10 g) = 0.0019 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00426 W/kg



0 dB = 0.00271 W/kg = -25.68 dBW/kg

FILE NAME: ICOM-593Q BODY (DSS 2-DH5) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASY5 (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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00325 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

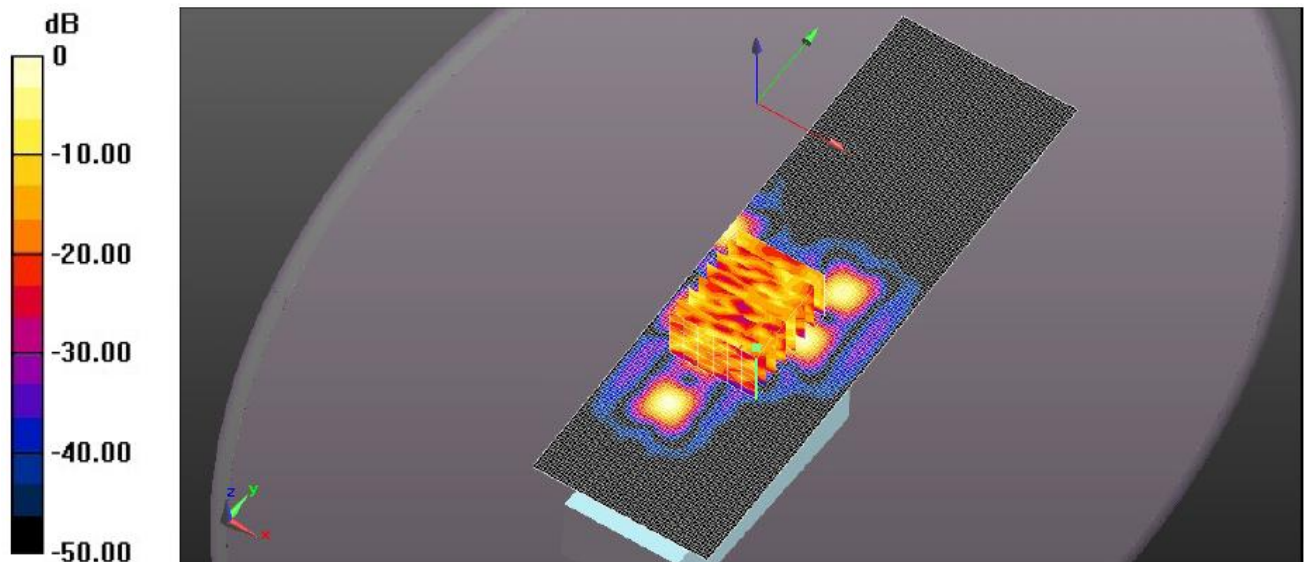
(7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.450 V/m; Power Drift = 0.46 dB

Peak SAR (extrapolated) = 0.00492 W/kg

SAR(1 g) = 0.00395 W/kg; SAR(10 g) = 0.00302 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00434 W/kg



0 dB = 0.00325 W/kg = -24.88 dBW/kg

FILE NAME: ICOM-593Q BODY (DSS 2-DH5) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 51.884$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00431 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

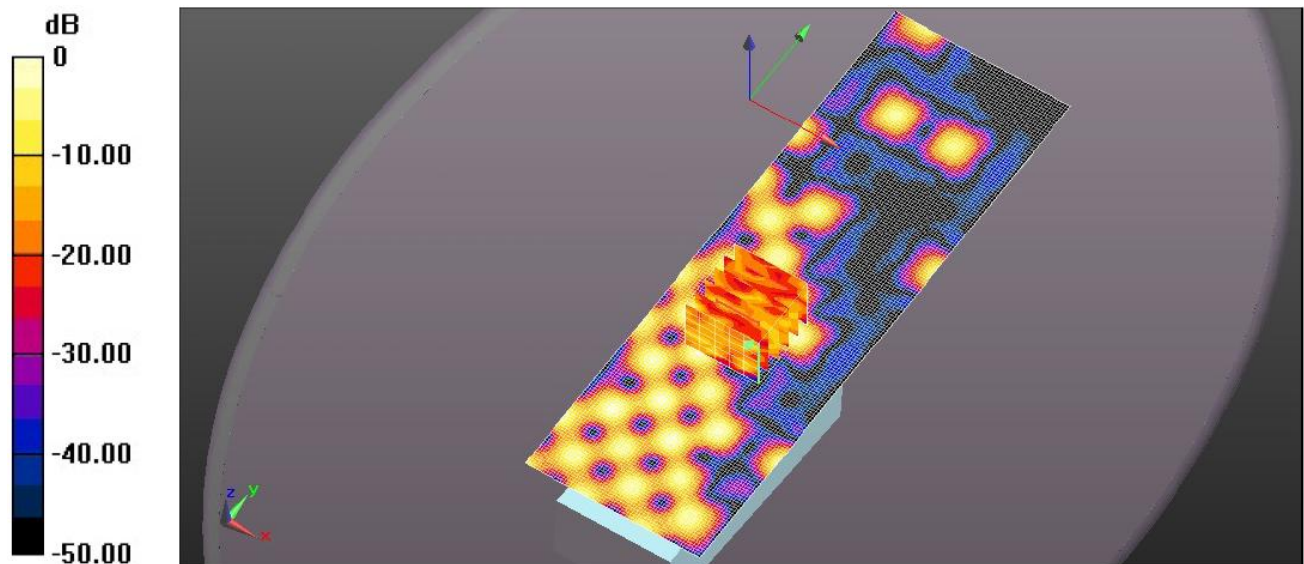
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.419 V/m; Power Drift = 1.99 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.0044 W/kg; SAR(10 g) = 0.00357 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00556 W/kg



0 dB = 0.00431 W/kg = -23.65 dBW/kg

FILE NAME: ICOM-593Q BODY (DSS 3-DH5) 2402 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.913$ S/m; $\epsilon_r = 52.262$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00270 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

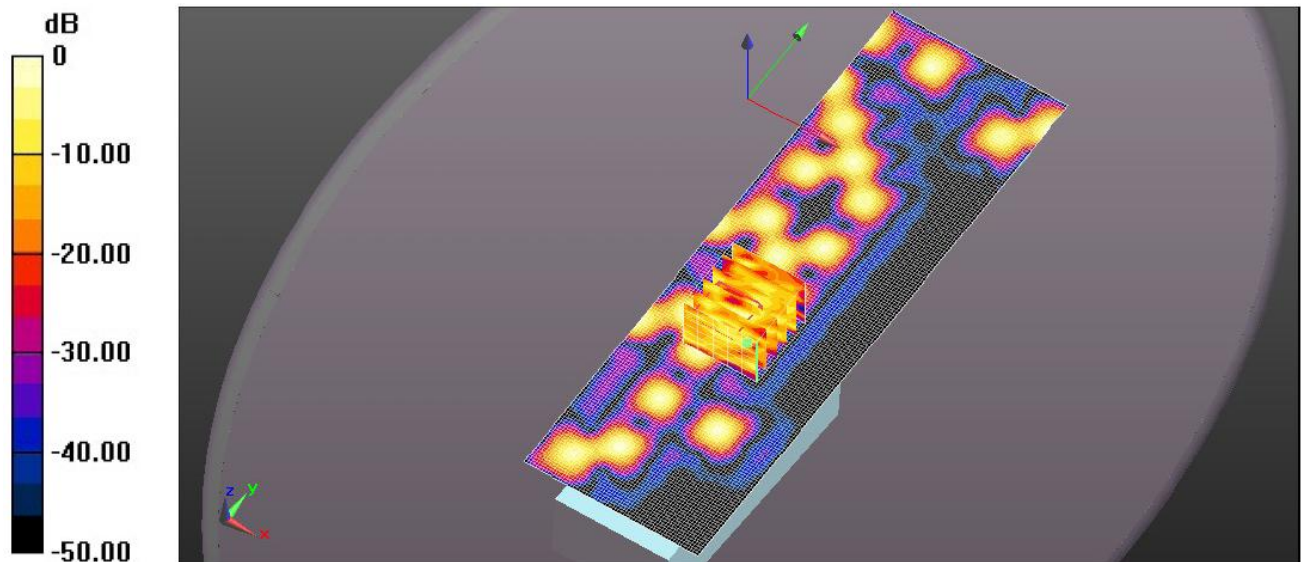
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.371 V/m; Power Drift = 0.79 dB

Peak SAR (extrapolated) = 0.00485 W/kg

SAR(1 g) = 0.00339 W/kg; SAR(10 g) = 0.00296 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00399 W/kg



0 dB = 0.00270 W/kg = -25.69 dBW/kg

FILE NAME: ICOM-593Q BODY (DSS 3-DH5) 2441 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00273 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

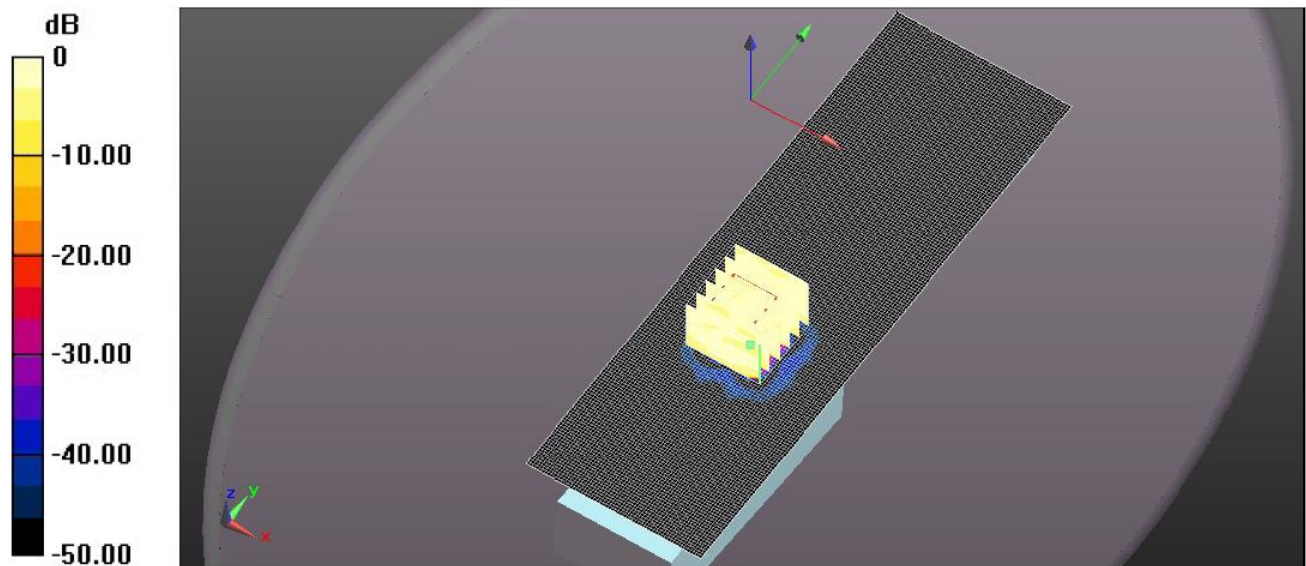
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.060 V/m; Power Drift = 2.52 dB

Peak SAR (extrapolated) = 0.00542 W/kg

SAR(1 g) = 0.00354 W/kg; SAR(10 g) = 0.00273 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00378 W/kg



0 dB = 0.00273 W/kg = -25.64 dBW/kg

FILE NAME: ICOM-593Q BODY (DSS 3-DH5) 2480 MHZ.DA52:0

DUT: IC-SAT100; Type: Satellite Transceiver; Serial: 11000324

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 51.884$; $\rho = 1000$ 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-SAT100/Body Back, P=12mW, d=0mm/Area Scan (61x191x1):

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

Maximum value of SAR (interpolated) = 0.00295 W/kg

Configuration_Body_IC-SAT100/Body Back, P=12mW, d=0mm/Zoom Scan (5x5x7)

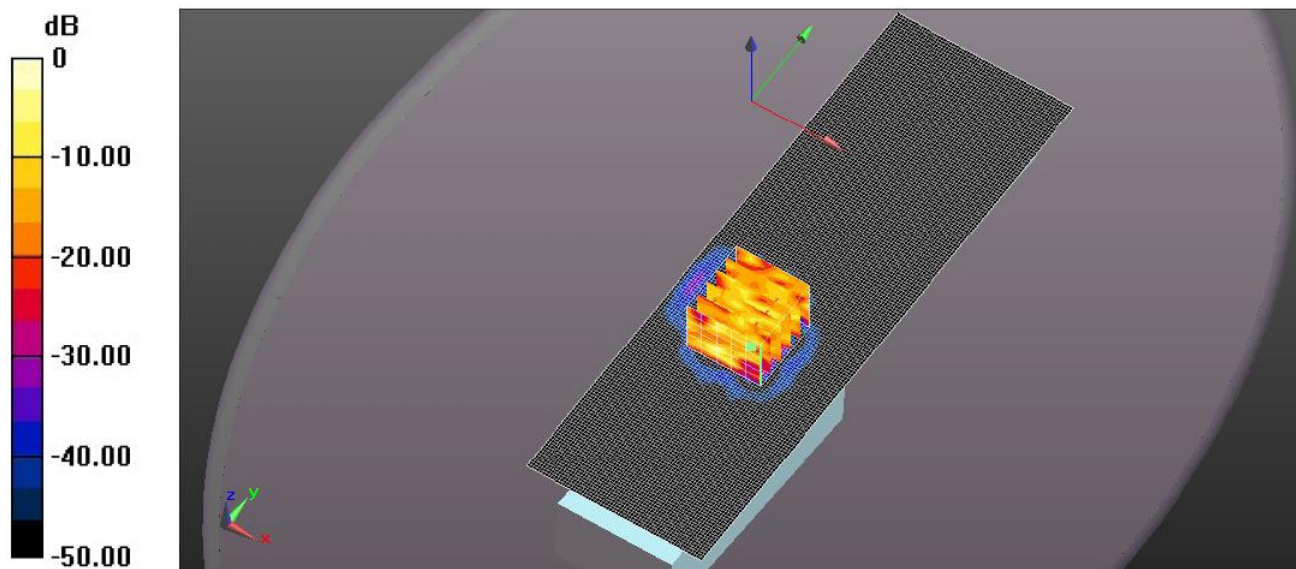
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.220 V/m; Power Drift = 1.75 dB

Peak SAR (extrapolated) = 0.00621 W/kg

SAR(1 g) = 0.00404 W/kg; SAR(10 g) = 0.00288 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.00425 W/kg



0 dB = 0.00295 W/kg = -25.30 dBW/kg