APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. PRESCAN MEASUREMENT SUMMARY

Head Prescan

Battery	Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)	Power Drift
				(MHz)			(dB)
BP-278	FA-SC25V	5.62	3	142.3	1.14	0.863	-1.71
BP-279		5.62	3	142.3	0.991	0.754	-1.25
BP-280		5.62	3	142.3	1.42	1.08	-1.36

Body Prescan

Battery with MB-133 & HM-159LA	Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Power Drift
				(MHz)			(dB)
BP-278	FA-SC25V	5.62	3	142.3	0.952	0.656	-0.81
BP-279		5.62	3	142.3	1.5	1.05	-1.17
BP-280		5.62	3	142.3	1.54	1.12	-0.77

FILE NAME: ICOM-553Q BODY PRESCAN FA-SC25V 142.3MHZ BP-278 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.773 S/m; ε_r = 62.02; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

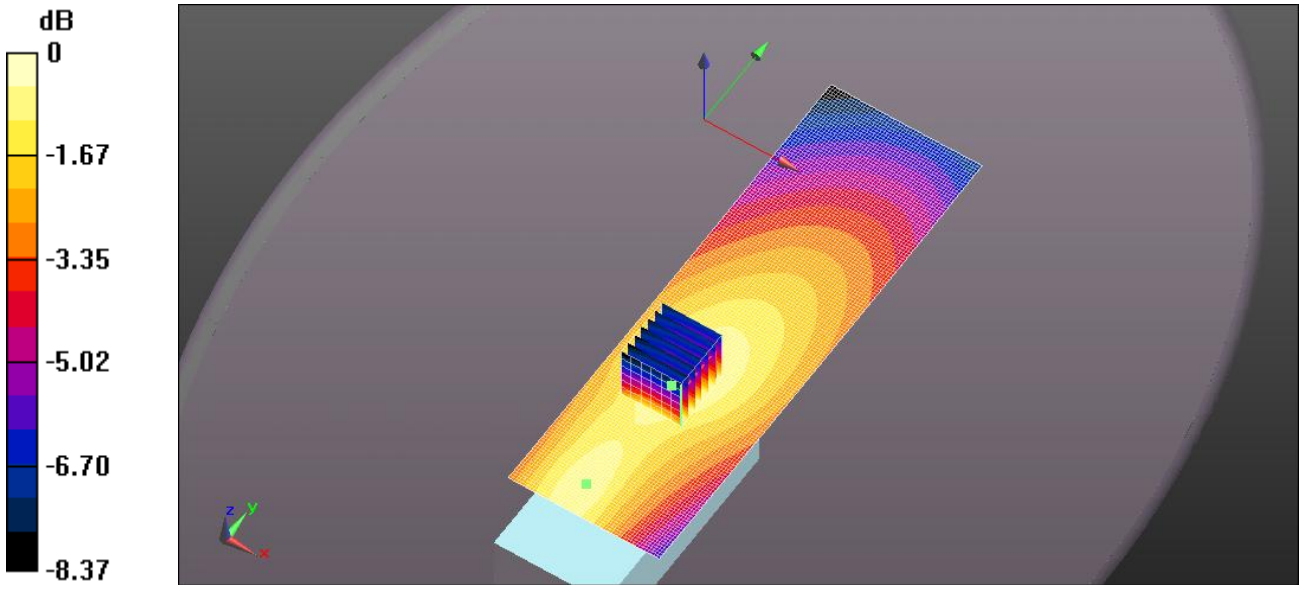
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 37.63 V/m; Power Drift = -0.81 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.656 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.12 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg



0 dB = 1.12 W/kg = 0.47 dBW/kg

FILE NAME: ICOM-553Q BODY PRESCAN FA-SC25V 142.3MHZ BP-279 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.773 S/m; ε_r = 62.02; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

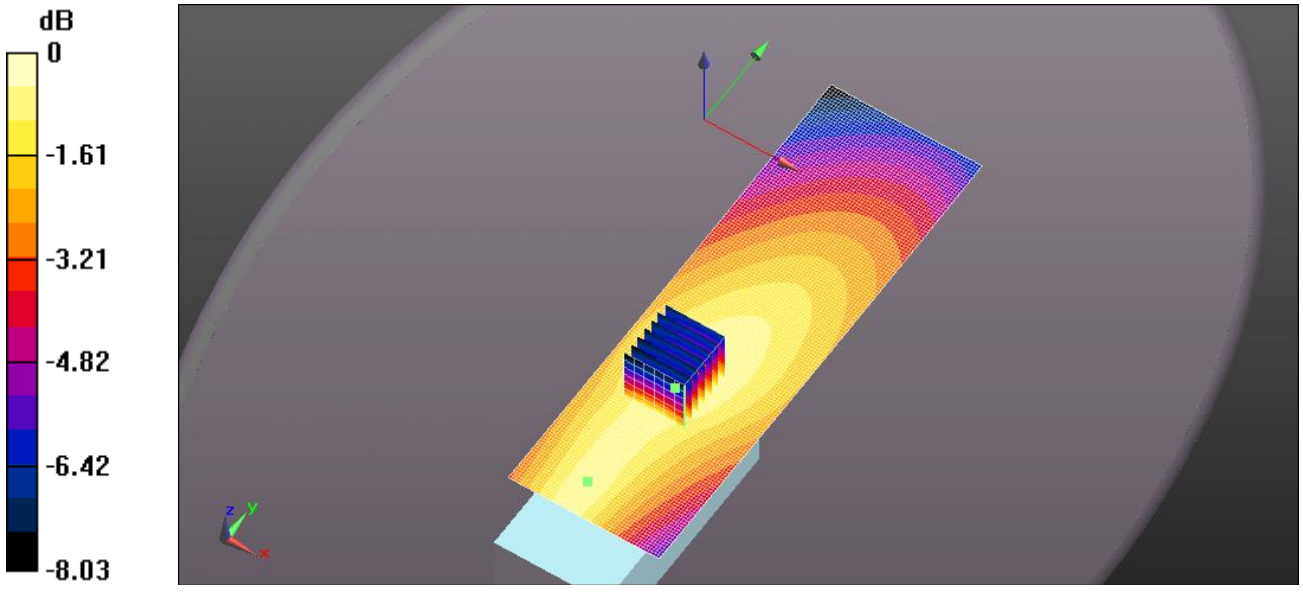
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.29 V/m; Power Drift = -1.18 dB
Peak SAR (extrapolated) = 2.61 W/kg
SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.72 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.77 W/kg



0 dB = 1.72 W/kg = 2.34 dBW/kg

FILE NAME: ICOM-553Q BODY PRESCAN FA-SC25V 142.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.773 S/m; ε_r = 62.02; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

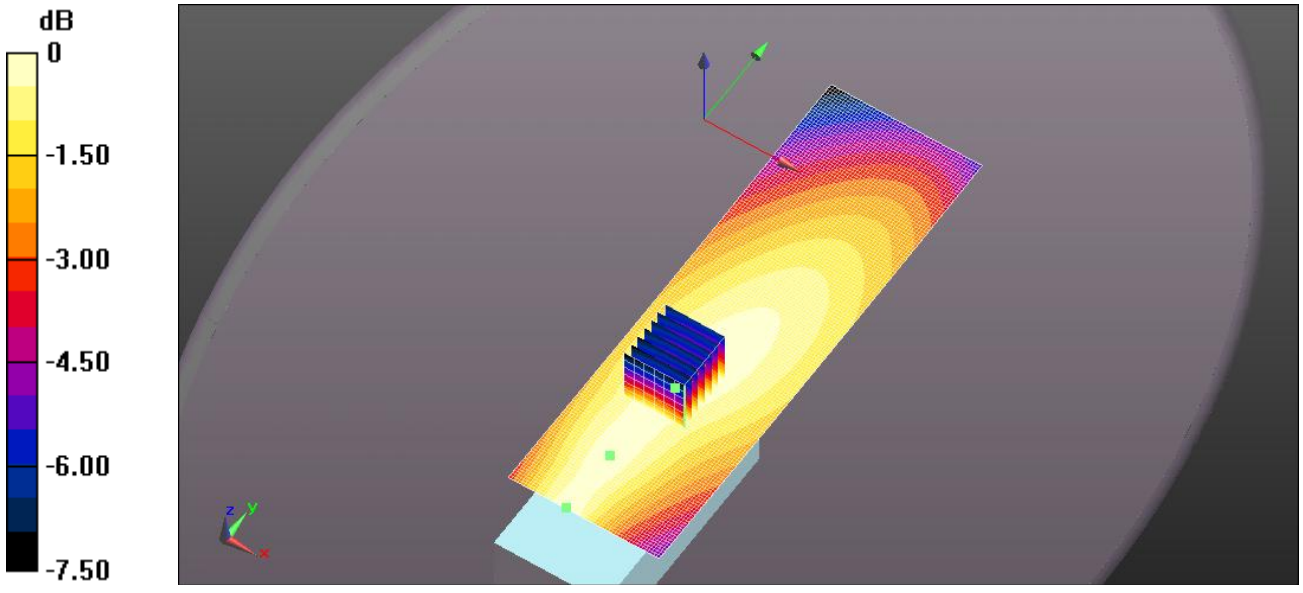
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.30 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.54 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.75 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.78 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

FILE NAME: ICOM-553Q HEAD PRESCAN FA-SC25V 142.3MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.788 S/m; ε_r = 52.629; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

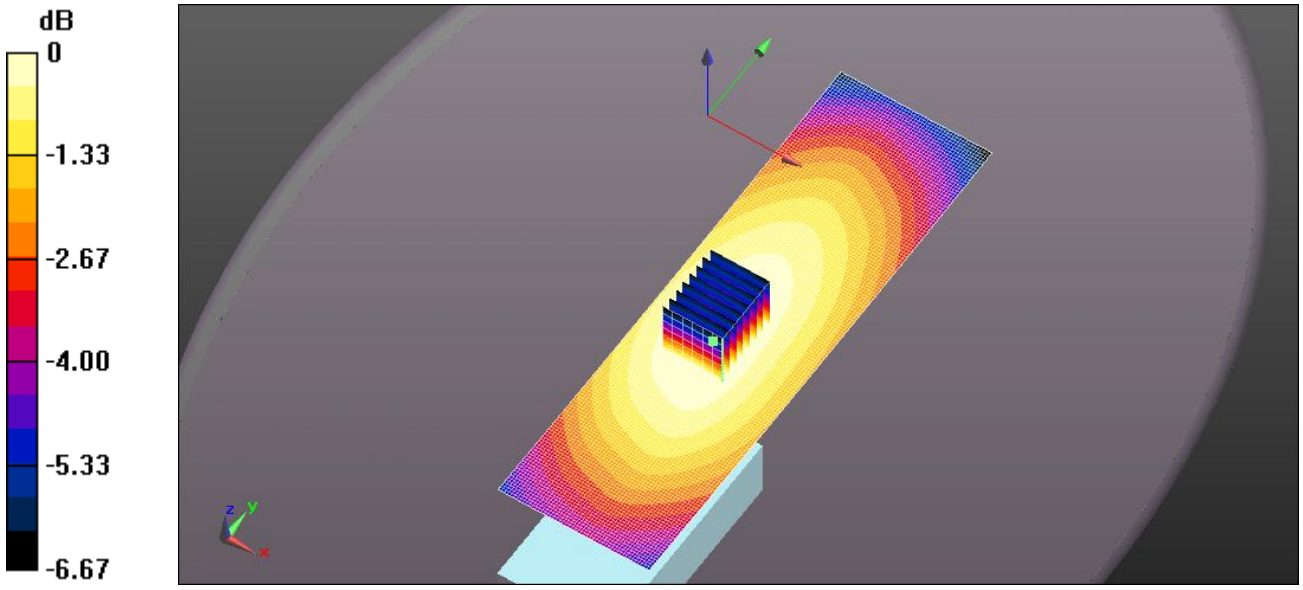
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.99 V/m; Power Drift = -1.36 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.42 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.59 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.66 W/kg



0 dB = 1.59 W/kg = 2.00 dBW/kg

FILE NAME: ICOM-553Q HEAD PRESCAN FA-SC25V 142.3MHZ BP-279.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.788 S/m; ε_r = 52.629; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

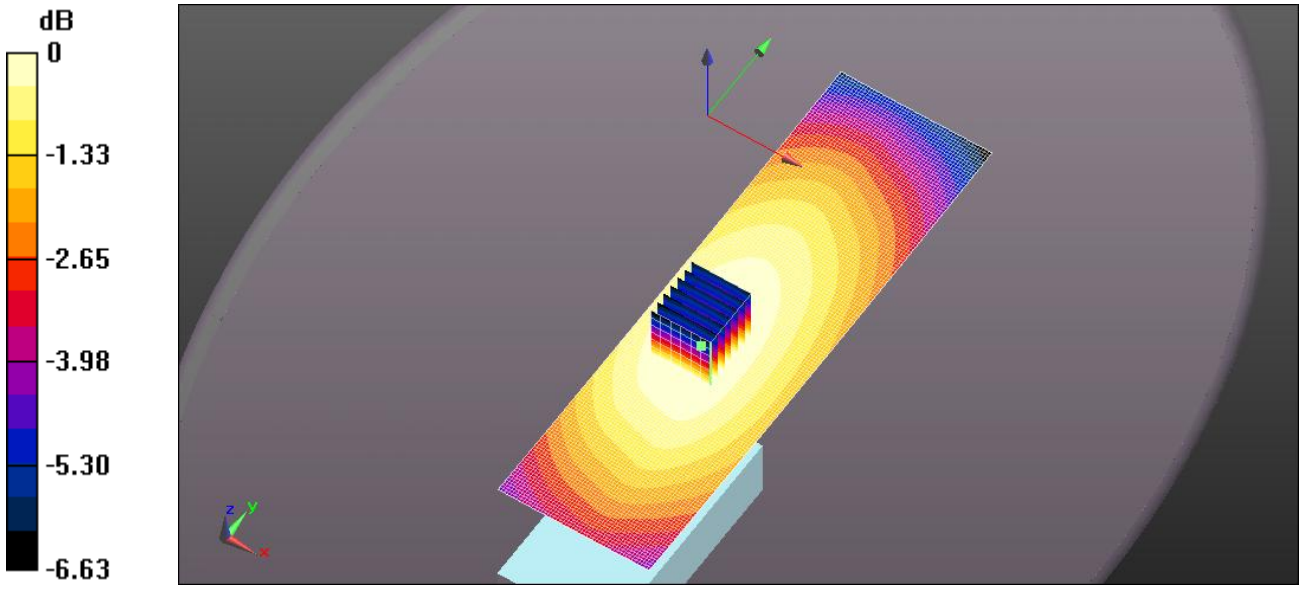
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.60 V/m; Power Drift = -1.25 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.754 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.10 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.17 W/kg



0 dB = 1.10 W/kg = 0.43 dBW/kg

FILE NAME: ICOM-553Q HEAD PRESCAN FA-SC25V 142.3MHZ BP-278.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.788 S/m; ε_r = 52.629; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

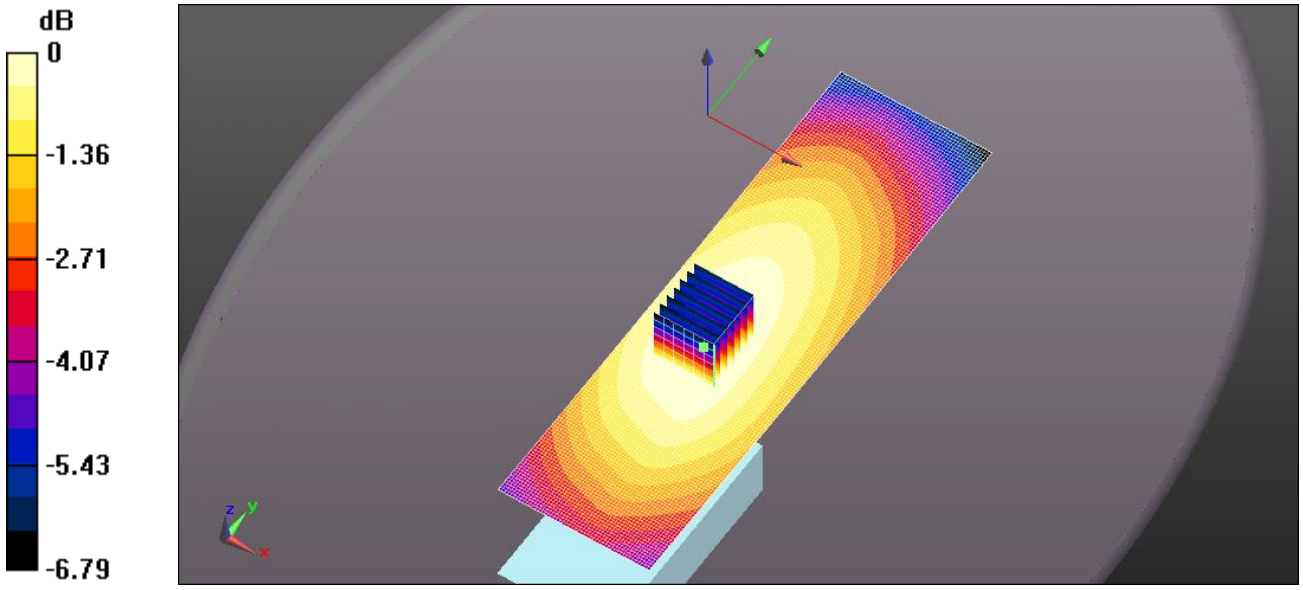
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.52 V/m; Power Drift = -1.71 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.863 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.27 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg



0 dB = 1.27 W/kg = 1.05 dBW/kg

EXHIBIT 2. HEAD SAR MEASUREMENTS

Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)	Power Drift
				BP-280	BP-280	
			(MHz)	2400mAh	2400mAh	(dB)
FA-SC25V 136-150 MHz	5.23	1	136	**	**	**
	5.62	3	142.3	1.42	1.08	-1.36
	5.38	8	150	**	**	**
FA-SC28V 148-162 MHz	5.49	6	148	1.73	1.3	-1.06
	4.97	9	155	**	**	**
	5.04	13	162	0.785	0.589	-1.01
FA-SC29V 160-174 MHz	5.00	11	160	1.03	0.777	-0.26
	5.08	14	167.7	**	**	**
	5.12	16	174	1.34	1	-0.92
FA-SC27VS 142-150 MHz	5.62	3	142.3	**	**	**
	5.63	5	145	0.833	0.574	-1.73
	5.38	8	150	**	**	**
FA-SC56VS 150-162 MHz	5.38	8	150	0.514	0.356	-2.11
	4.98	10	156	**	**	**
	5.04	13	162	0.106	0.0731	-1.96
FA-SC57VS 160-174 MHz	5.00	11	160	0.82	0.585	-0.83
	5.08	14	167.7	**	**	**
	5.12	16	174	0.125	0.0875	-1.38
FA-SC26VS 136-144 MHz	5.23	1	136	0.704	0.48	-1.58
	5.52	2	140	**	**	**
	5.63	4	144	0.557	0.382	-2.09
FA-SC55V 150-174 MHz	5.38	8	150	0.985	0.748	-2.07
	4.98	10	156	**	**	**
	5.04	13	162	1.97	1.48	-2.14
	5.06	15	168	**	**	**
	5.12	16	174	0.451	0.338	-1.87

** SAR Test Reduction Applied For PTT Radio

3000 Bristol Circle, Oakville, Ontario, Canada L6H 6G4
Tel. #: 905-829-1570, Fax. #: 905-829-8050, Email: vic@ultratech-labs.com, Website: http://www.ultratech-labs.com

Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)	Power Drift
				BP-280	BP-280	
			(MHz)	2400mAh	2400mAh	(dB)
FA-SC61VC 136MHz 174mm	5.23	1	136	1.53	1.16	-2.88
	5.62	3	142.3	**	**	**
	5.50	7	148.7	1.06	0.798	-2.81
	4.97	9	155	**	**	**
	5.03	12	161.3	0.35	0.261	-2.73
	5.08	14	167.7	**	**	**
	5.12	16	174	0.0967	0.072	-1.36
FA-SC61VC 140MHz 169mm	5.23	1	136	**	**	**
	5.52	2	140	1.61	1.22	-0.88
	5.50	7	148.7	**	**	**
	4.97	9	155	0.513	0.387	-1.76
	5.03	12	161.3	**	**	**
	5.08	14	167.7	0.169	0.127	-1.88
	5.12	16	174	**	**	**
FA-SC61VC 145MHz 163mm	5.23	1	136	0.781	0.591	-2.07
	5.62	3	142.3	**	**	**
	5.63	5	145	1.83	1.37	-2.68
	4.97	9	155	**	**	**
	5.03	12	161.3	0.601	0.451	-2.34
	5.08	14	167.7	**	**	**
	5.12	16	174	0.143	0.108	-0.33
FA-SC61VC 150MHz 157mm	5.23	1	136	0.469	0.354	-1.83
	5.62	3	142.3	**	**	**
	5.38	8	150	1.44	1.1	-2.04
	4.97	9	155	**	**	**
	5.03	12	161.3	1.08	0.808	-2.38
	5.08	14	167.7	**	**	**
	5.12	16	174	0.233	0.174	-1.35
FA-SC61VC 155MHz 151mm	5.23	1	136	**	**	**
	5.62	3	142.3	0.295	0.223	-1.37
	5.50	7	148.7	**	**	**
	4.97	9	155	0.812	0.608	-2.17
	5.03	12	161.3	**	**	**
	5.08	14	167.7	3.08	2.31	-2.73
	5.12	16	174	**	**	**

** SAR Test Reduction Applied For PTT Radio

Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)	Power Drift
				BP-280	BP-280	
			(MHz)	2400mAh	2400mAh	(dB)
FA-SC61VC 160MHz 146mm	5.23	1	136	0.218	0.164	-0.97
	5.62	3	142.3	**	**	**
	5.50	7	148.7	0.446	0.337	-2.28
	4.97	9	155	**	**	**
	5.00	11	160	1.2	0.9	-1.24
	5.08	14	167.7	**	**	**
	5.12	16	174	0.757	0.568	-1.97
FA-SC61VC 165MHz 141mm	5.23	1	136	**	**	**
	5.62	3	142.3	0.208	0.157	-2.08
	5.50	7	148.7	**	**	**
	4.97	9	155	0.525	0.395	-1.64
	5.03	12	161.3	**	**	**
	5.08	14	167.7	1.29	0.969	-0.62
	5.12	16	174	**	**	**
FA-SC61VC 170MHz 137mm	5.23	1	136	**	**	**
	5.62	3	142.3	0.176	0.132	-1.57
	5.50	7	148.7	**	**	**
	4.97	9	155	0.4	0.301	-1.86
	5.03	12	161.3	**	**	**
	5.06	15	168	1.07	0.802	-1.97
	5.12	16	174	**	**	**
FA-SC61VC 175MHz 133mm	5.23	1	136	0.109	0.082	-1.11
	5.62	3	142.3	**	**	**
	5.50	7	148.7	0.18	0.135	-1.2
	4.97	9	155	**	**	**
	5.03	12	161.3	0.338	0.254	-1.77
	5.08	14	167.7	**	**	**
	5.12	16	174	1.49	1.12	-1.27

** SAR Test Reduction Applied For PTT Radio

FILE NAME: ICOM-553Q HEAD FA-SC25V 142.3MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.788 S/m; ε_r = 52.629; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

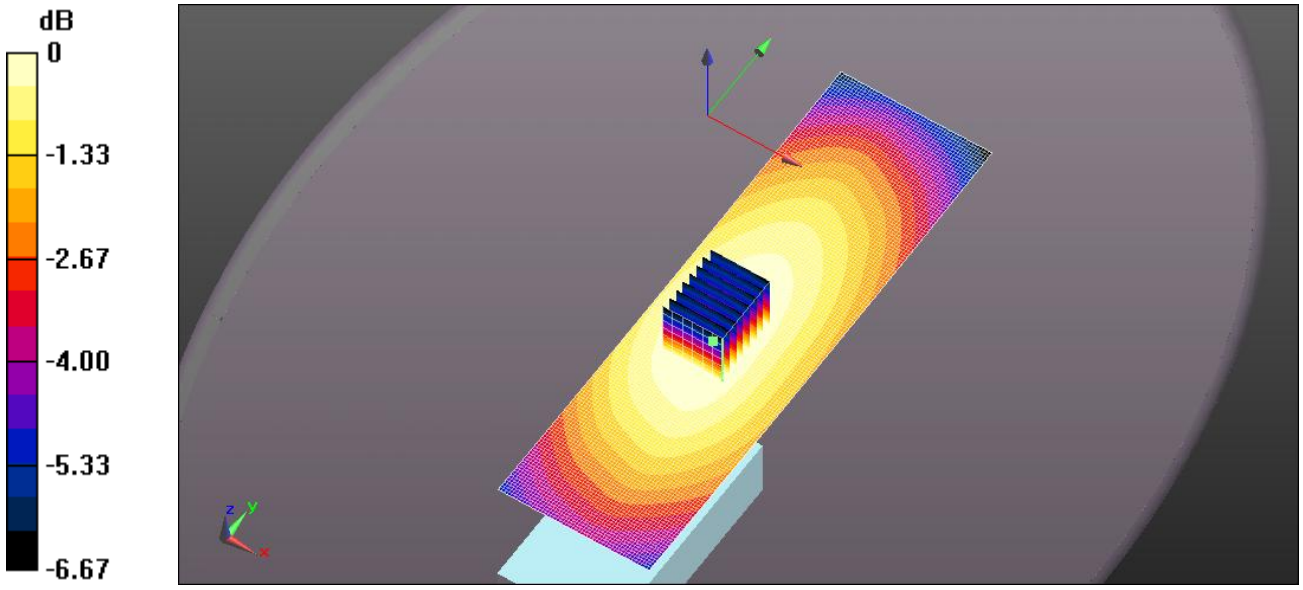
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.99 V/m; Power Drift = -1.36 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.42 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.59 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.66 W/kg



0 dB = 1.59 W/kg = 2.00 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC28V 148MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 148 MHz; Duty Cycle: 1:1
Medium parameters used: f = 148 MHz; σ = 0.791 S/m; ε_r = 52.369; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

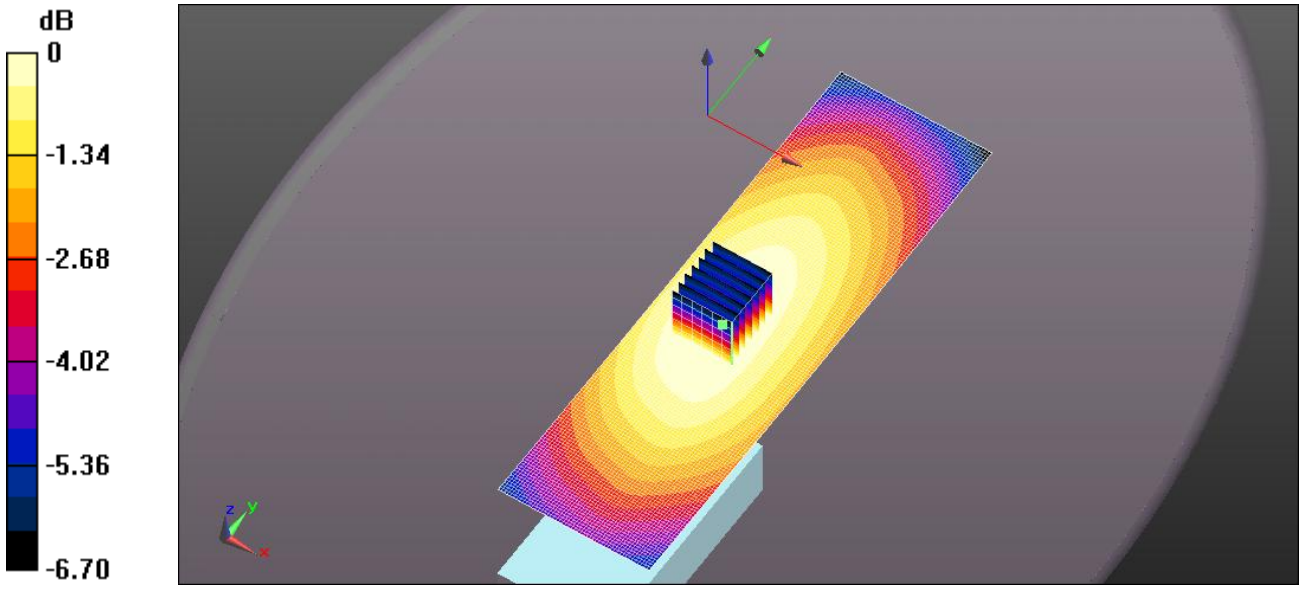
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.50 V/m; Power Drift = -1.06 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.93 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.99 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC28V 162MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 162 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.803 S/m; ε_r = 51.59; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

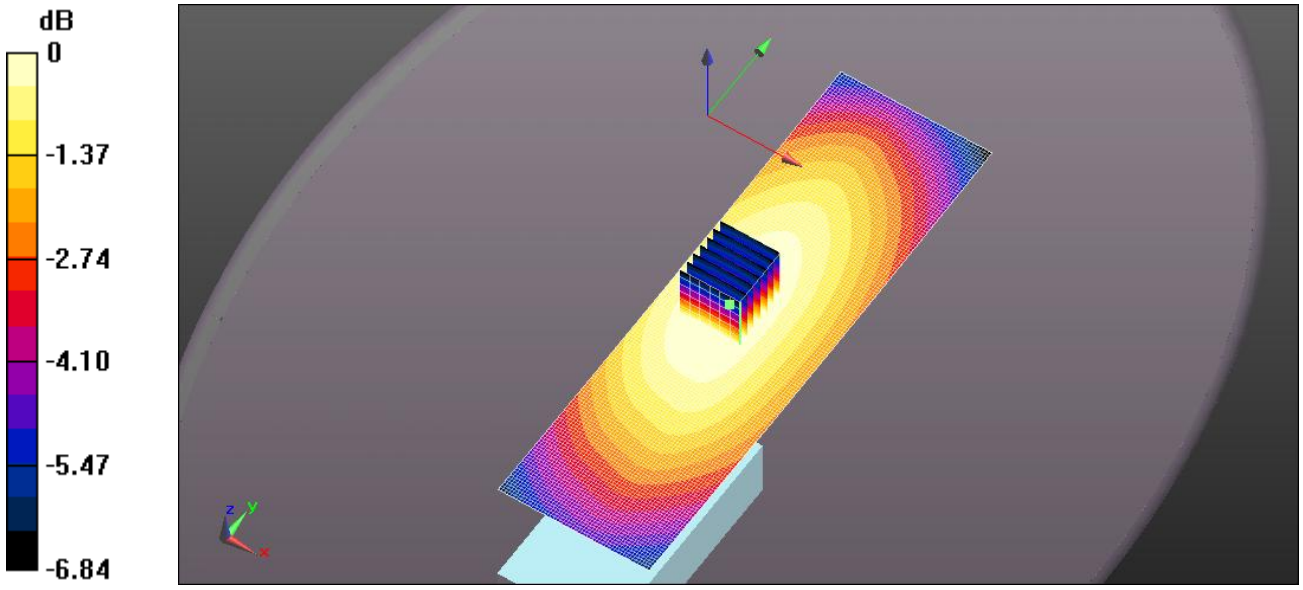
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.45 V/m; Power Drift = -1.01 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.589 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.877 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.914 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC29V 174MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

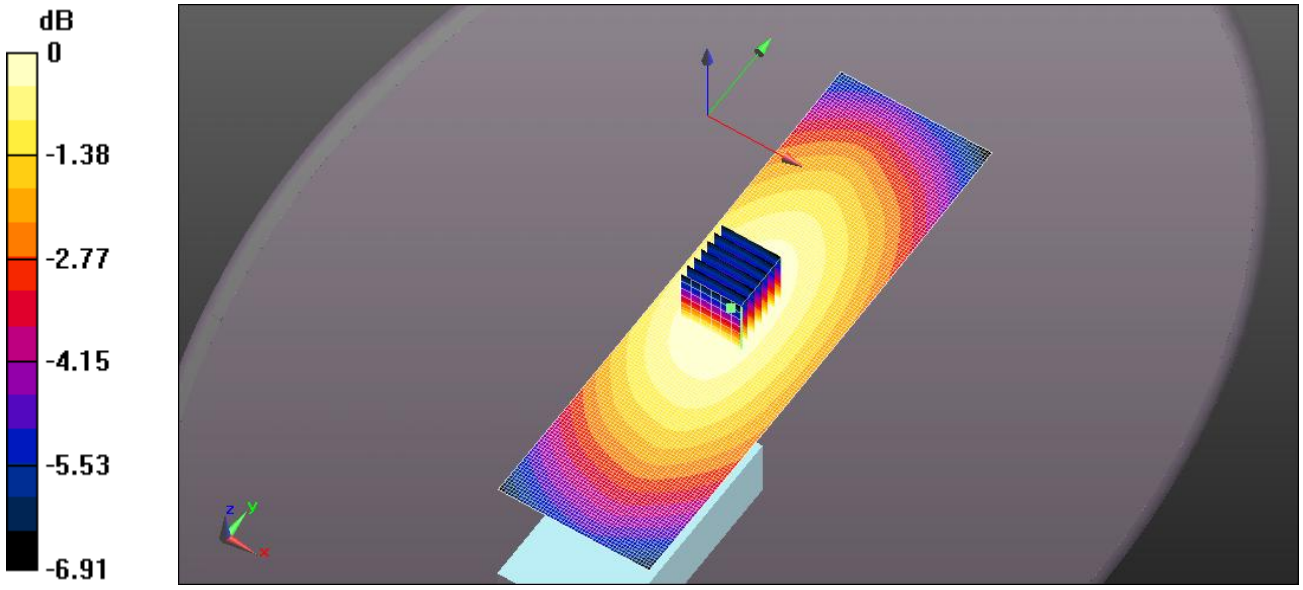
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.01 V/m; Power Drift = -0.92 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 1 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.49 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.50 W/kg



0 dB = 1.49 W/kg = 1.74 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC29V 160MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 160 MHz; Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.802 S/m; ε_r = 51.662; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

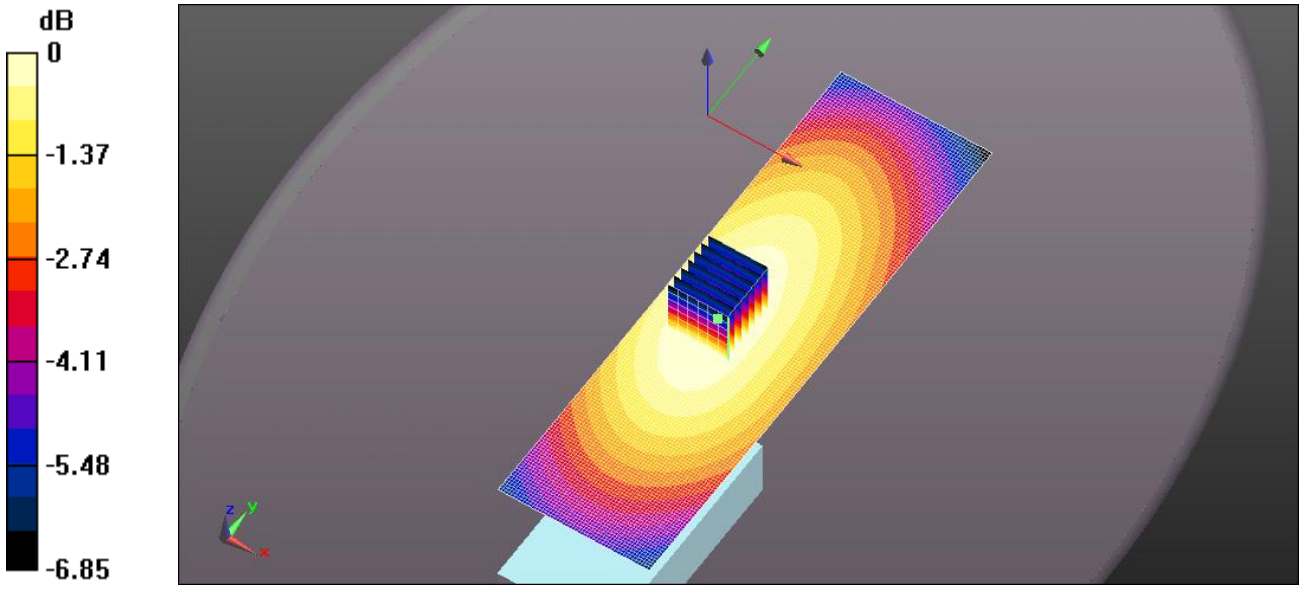
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.63 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.777 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.15 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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



0 dB = 1.15 W/kg = 0.62 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC27VS 145MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 145 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 145 MHz; σ = 0.789 S/m; ε_r = 52.551; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

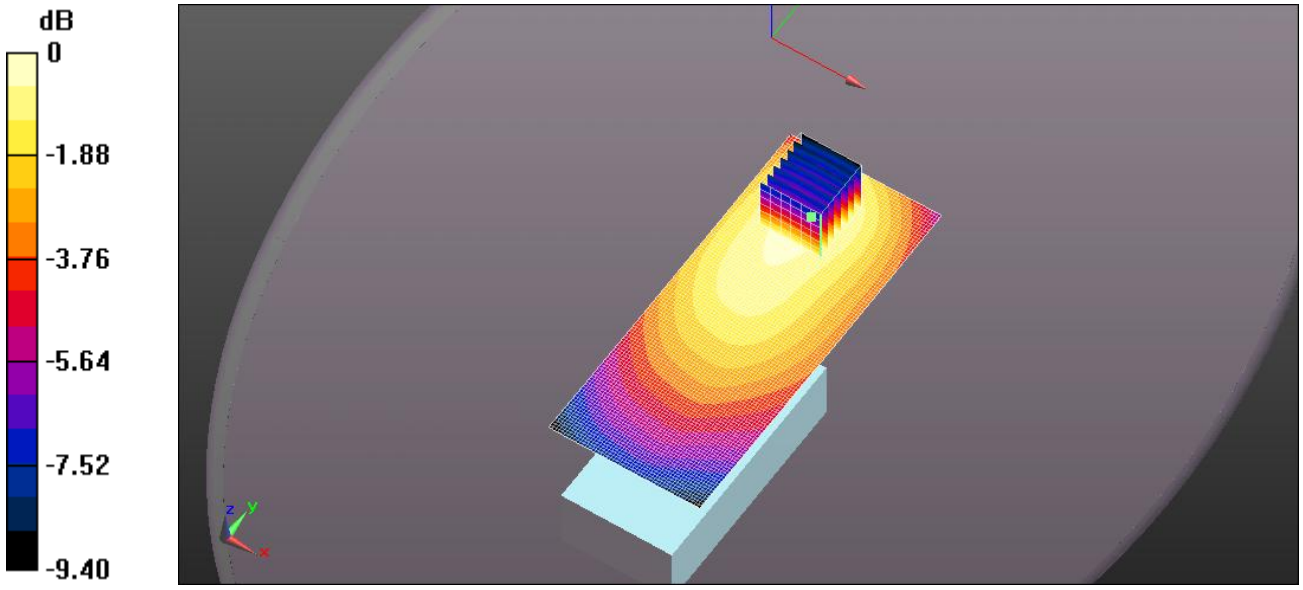
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.17 V/m; Power Drift = -1.73 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.574 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.969 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg



0 dB = 0.969 W/kg = -0.14 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC56VS 150MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

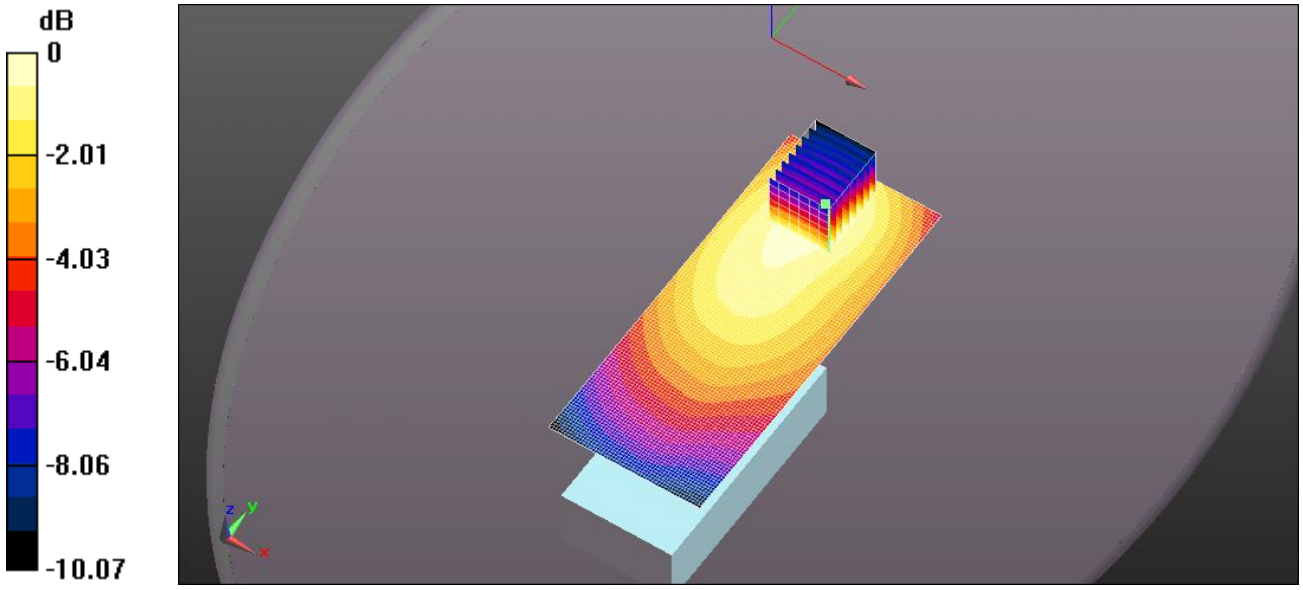
Communication System: UID 10000, CW; Frequency: 150 MHz; Duty Cycle: 1:1
Medium parameters used: f = 150 MHz; σ = 0.793 S/m; ε_r = 52.283; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.22 V/m; Power Drift = -2.11 dB
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.356 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.611 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.665 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC56VS 162MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 162 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.803 S/m; ε_r = 51.59; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

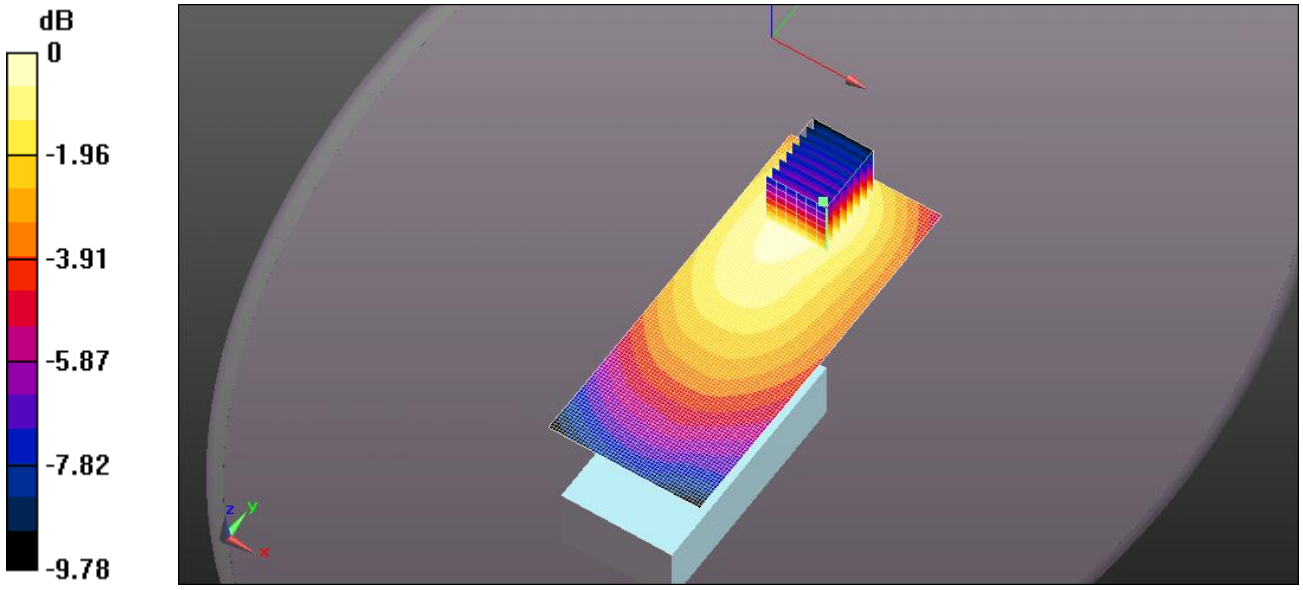
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.14 V/m; Power Drift = -1.96 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.073 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.122 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.137 W/kg



0 dB = 0.122 W/kg = -9.13 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC57VS 174MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

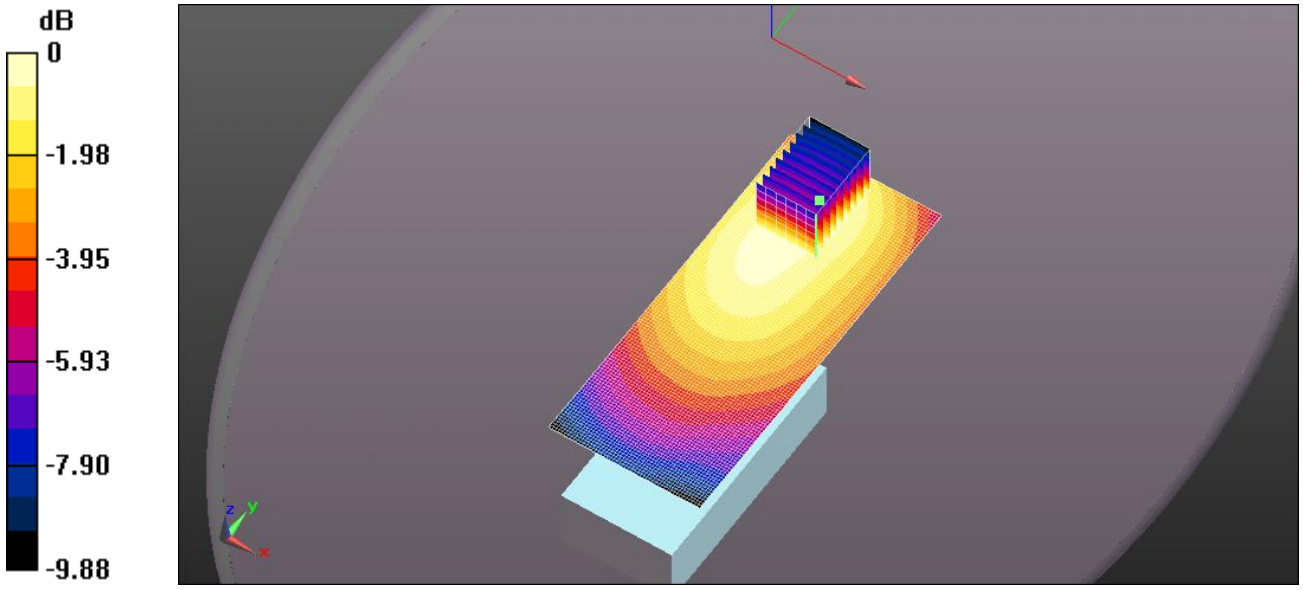
Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.55 V/m; Power Drift = -1.38 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.087 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.144 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.147 W/kg



0 dB = 0.144 W/kg = -8.41 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC57VS 160MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

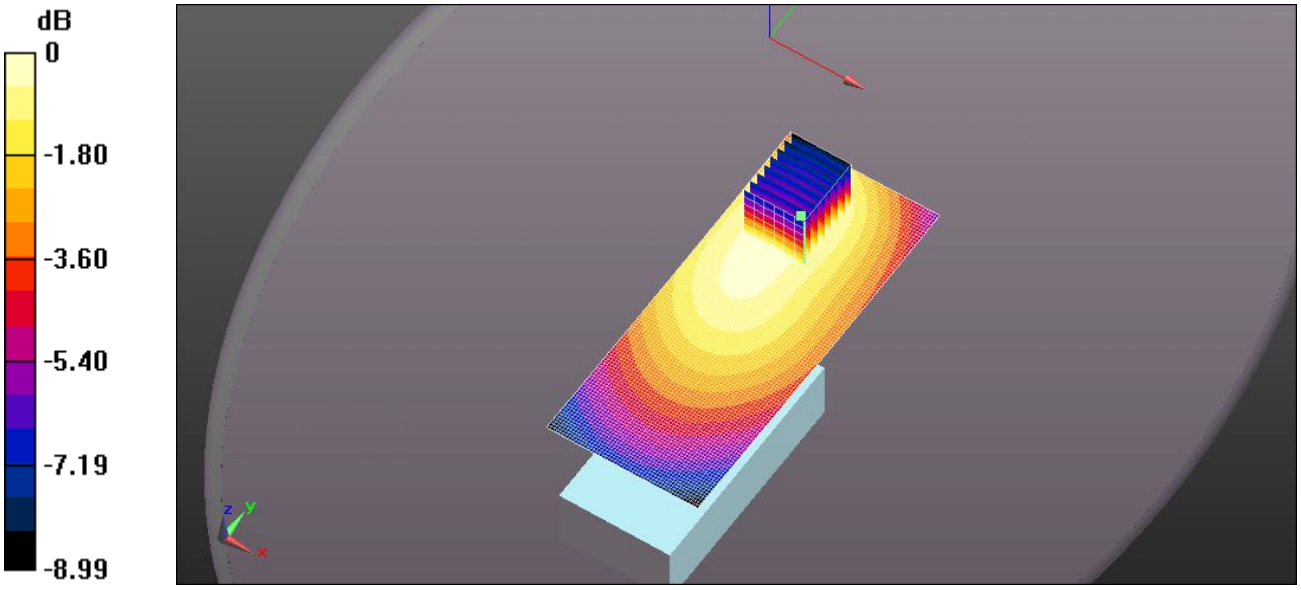
Communication System: UID 10000, CW; Frequency: 160 MHz; Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.802 S/m; ε_r = 51.662; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.37 V/m; Power Drift = -0.83 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.585 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.941 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.973 W/kg



0 dB = 0.941 W/kg = -0.27 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC26VS 144MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

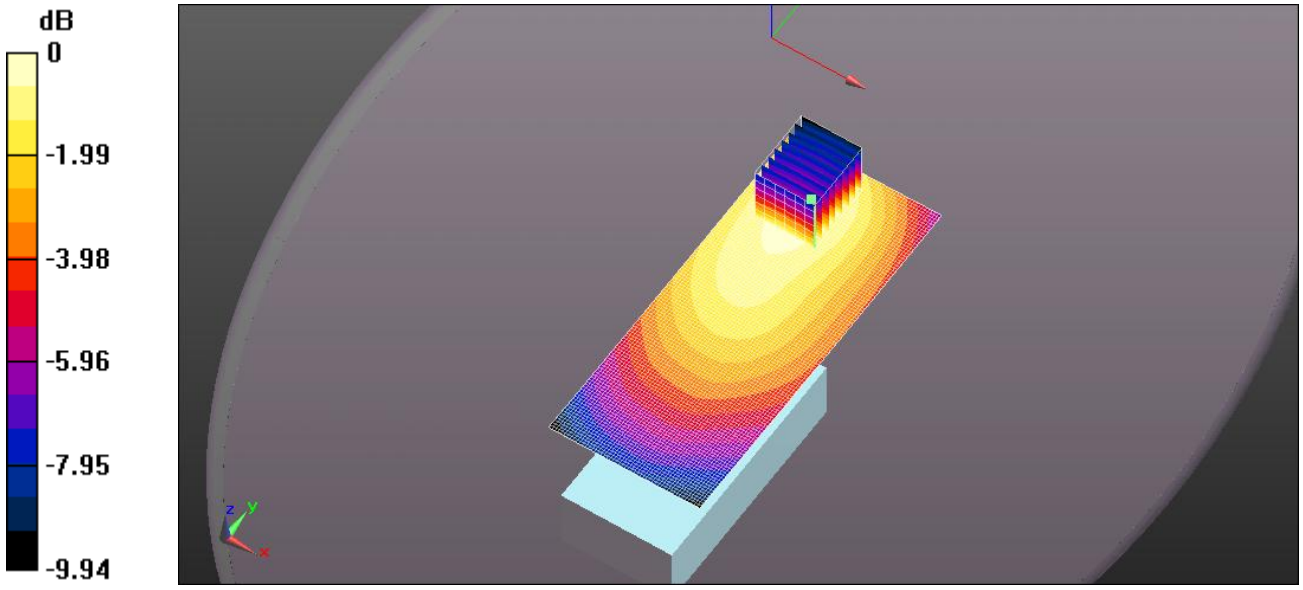
Communication System: UID 10000, CW; Frequency: 144 MHz; Duty Cycle: 1:1
Medium parameters used: f = 144 MHz; σ = 0.788 S/m; ε_r = 52.569; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.37 V/m; Power Drift = -2.09 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.382 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.650 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.708 W/kg



0 dB = 0.650 W/kg = -1.87 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC26VS 136MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.783 S/m; ε_r = 53.23; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

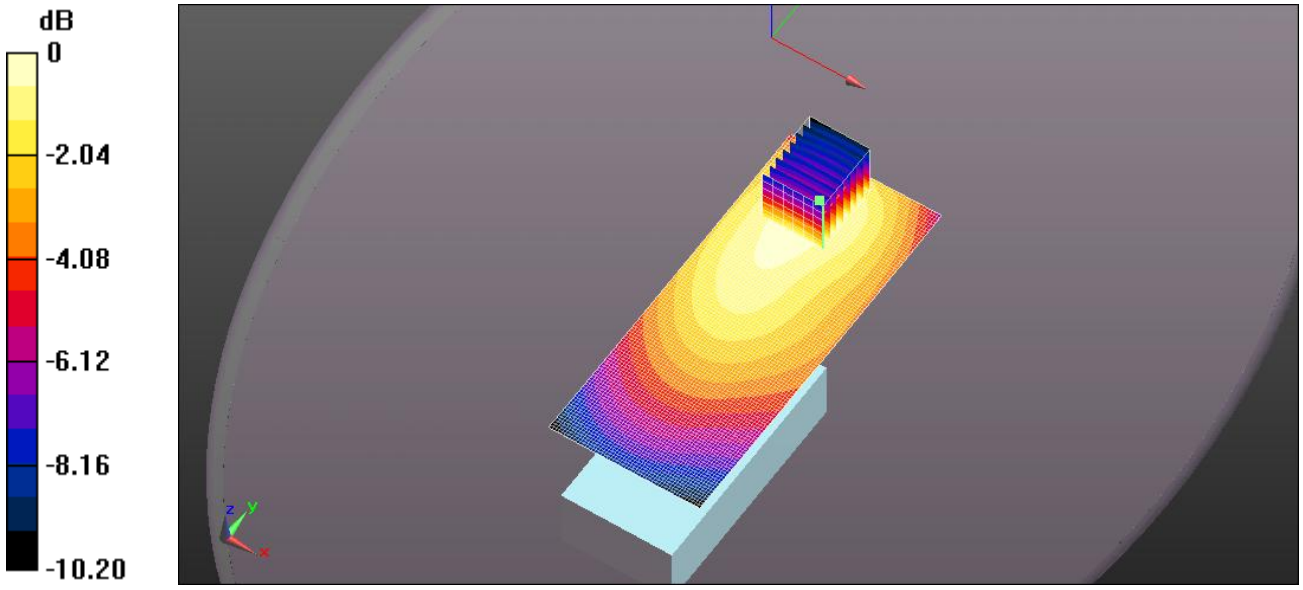
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.90 V/m; Power Drift = -1.58 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.480 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.813 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.834 W/kg



0 dB = 0.813 W/kg = -0.90 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC55V 150MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

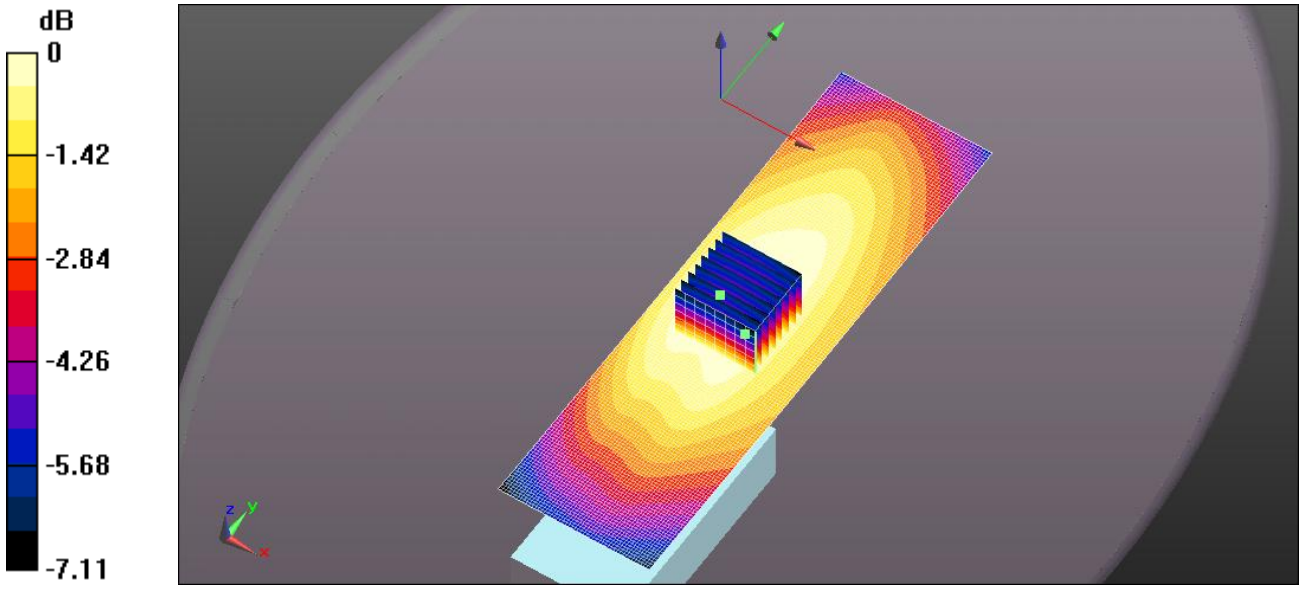
Communication System: UID 10000, CW; Frequency: 150 MHz; Duty Cycle: 1:1
Medium parameters used: f = 150 MHz; σ = 0.793 S/m; ε_r = 52.283; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.83 V/m; Power Drift = -2.07 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.748 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.14 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.41 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC55V 162MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 162 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.803 S/m; ε_r = 51.59; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

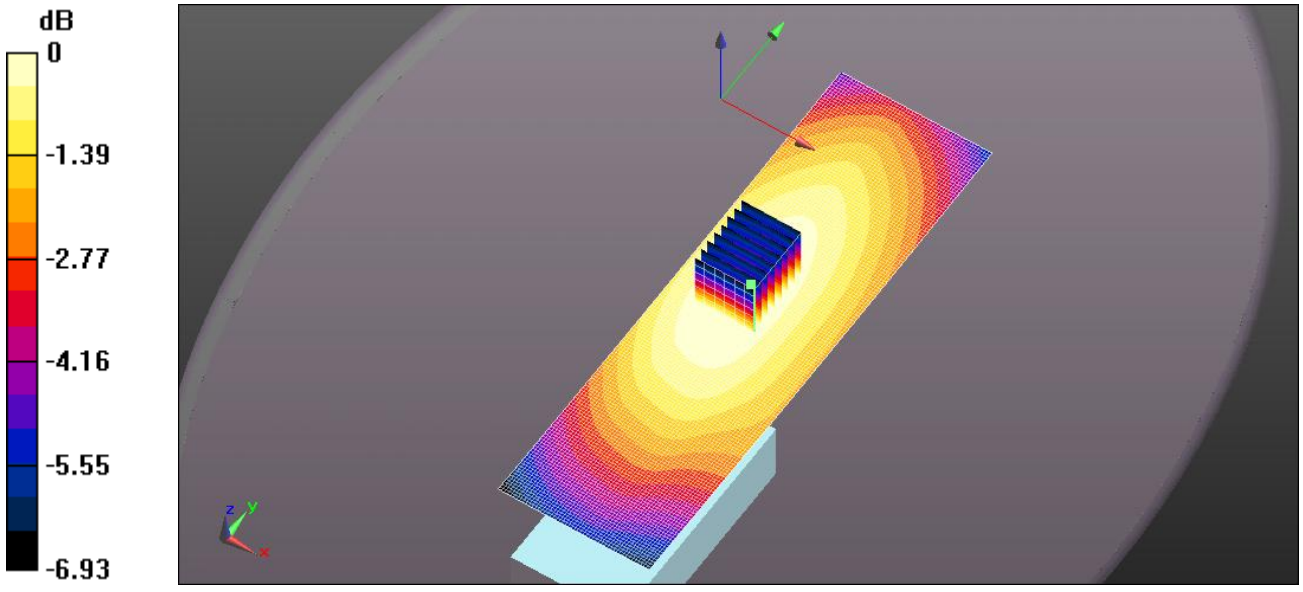
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 62.50 V/m; Power Drift = -2.14 dB
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.48 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.19 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.47 W/kg



0 dB = 2.19 W/kg = 3.41 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC55V 174MHZ BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

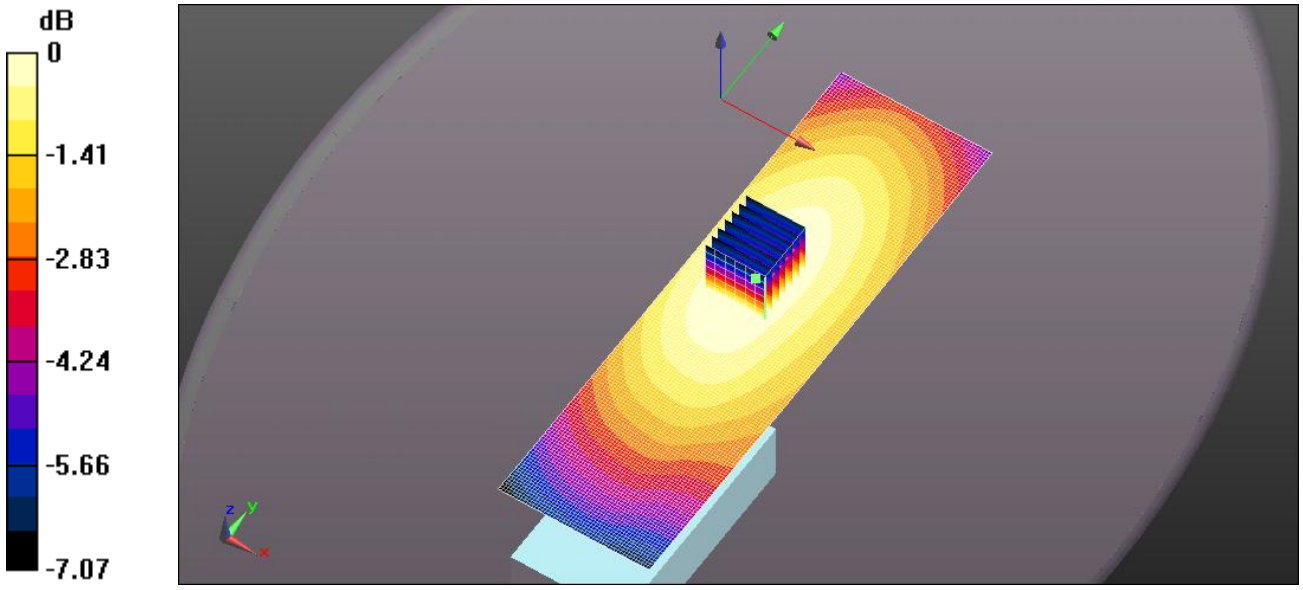
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.93 V/m; Power Drift = -1.87 dB
Peak SAR (extrapolated) = 0.664 W/kg
SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.338 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.504 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.532 W/kg



0 dB = 0.504 W/kg = -2.97 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 136MHZ 174MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.783 S/m; ε_r = 53.23; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

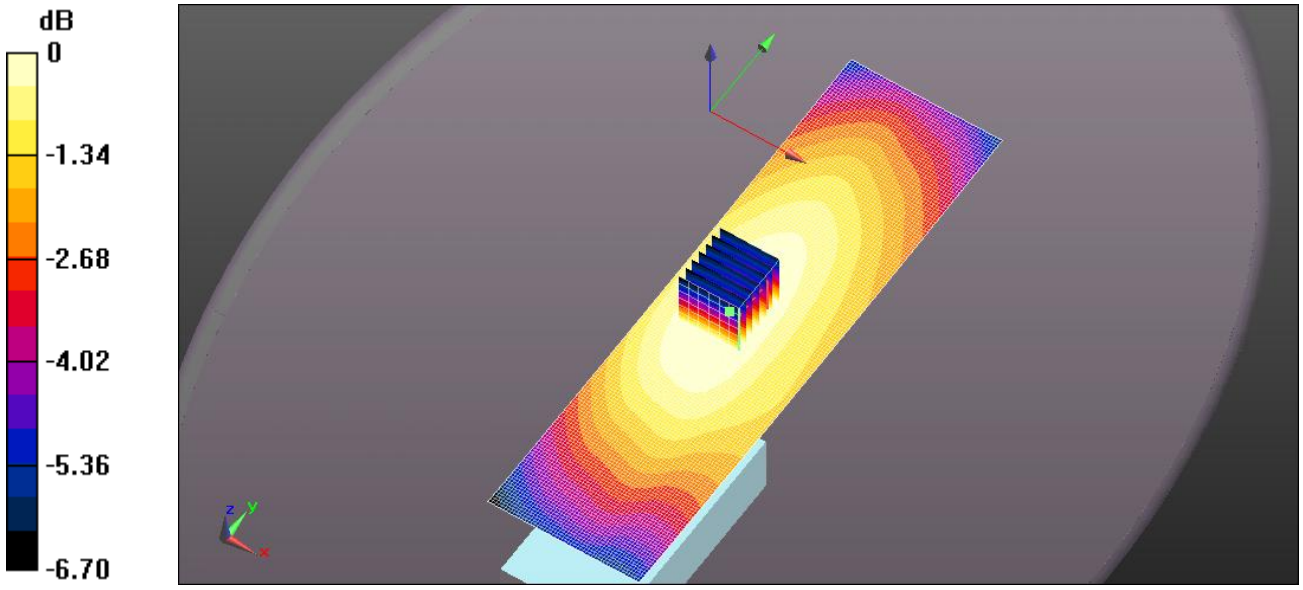
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.40 V/m; Power Drift = -2.88 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 1.53 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.71 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.91 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 148.7MHZ 174MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 148.7 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 148.7 MHz; σ = 0.792 S/m; ε_r = 52.339; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

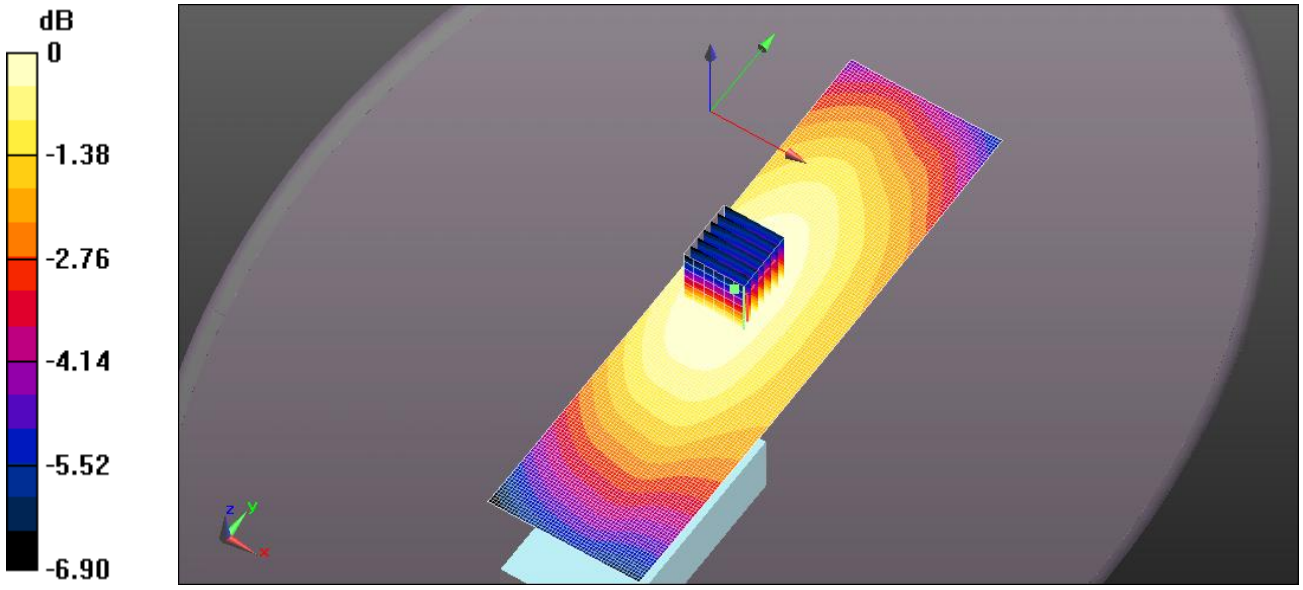
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.26 V/m; Power Drift = -2.81 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.798 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.19 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.33 W/kg



0 dB = 1.19 W/kg = 0.75 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 161.3MHZ 174MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.803 S/m; ε_r = 51.59; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

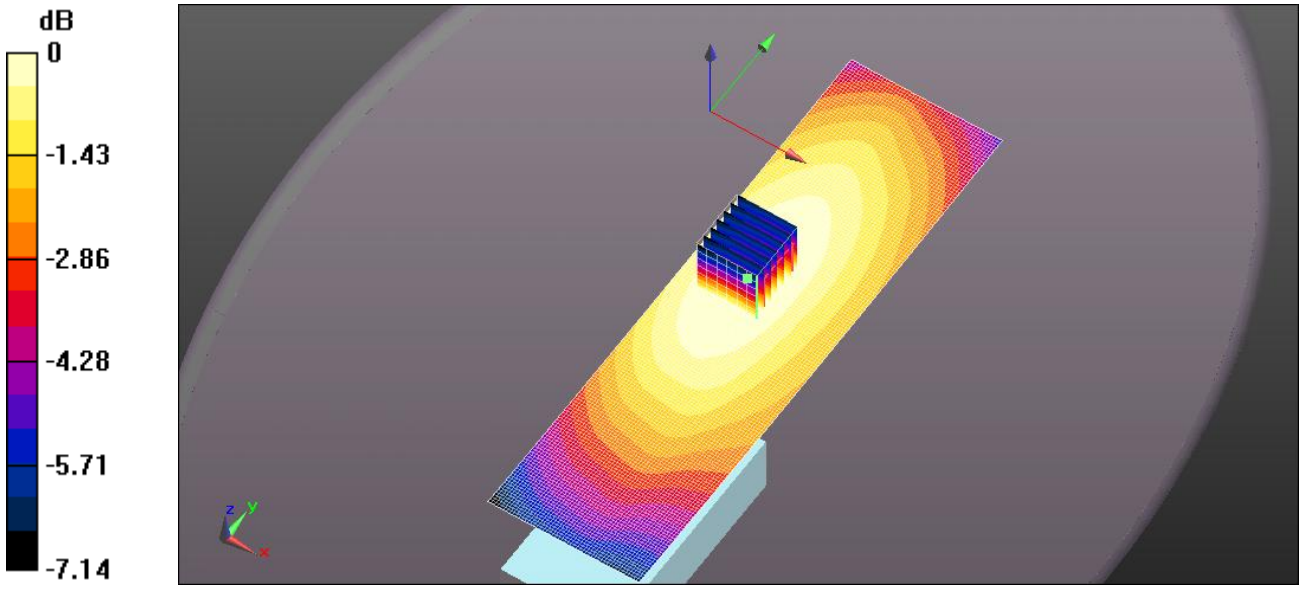
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.23 V/m; Power Drift = -2.73 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.261 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.391 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.433 W/kg



0 dB = 0.391 W/kg = -4.07 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 174MHZ 174MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

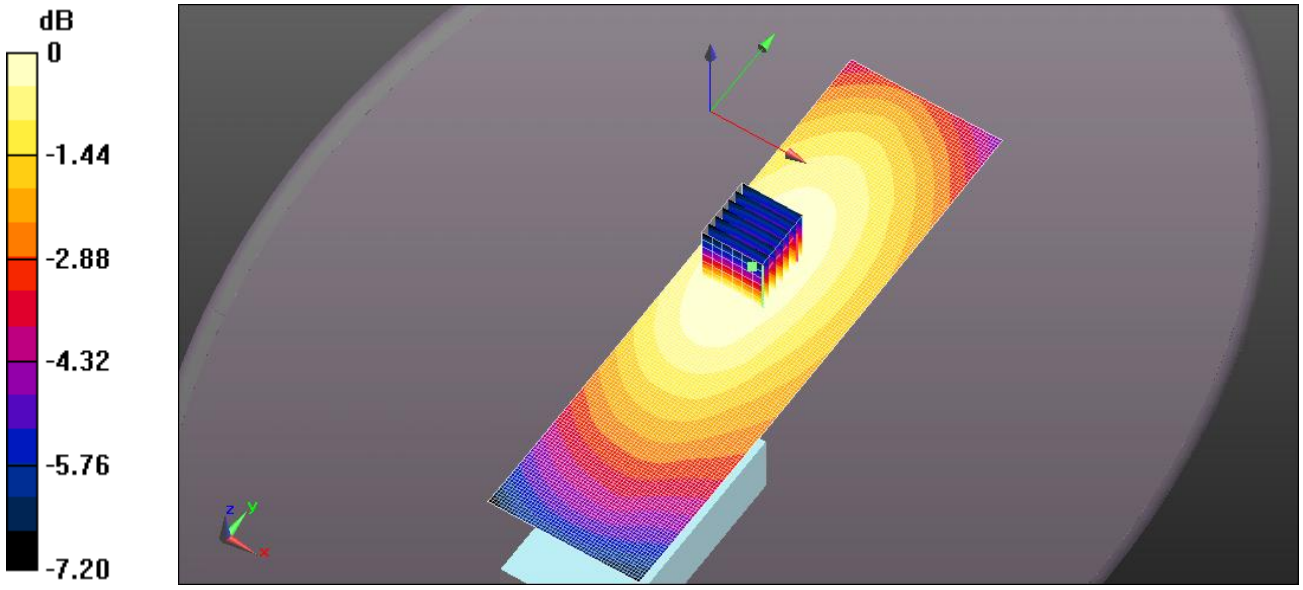
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.29 V/m; Power Drift = -1.36 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.072 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.108 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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



0 dB = 0.108 W/kg = -9.66 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 140MHZ 169MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 140 MHz; Duty Cycle: 1:1
Medium parameters used: f = 140 MHz; σ = 0.785 S/m; ε_r = 52.661; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

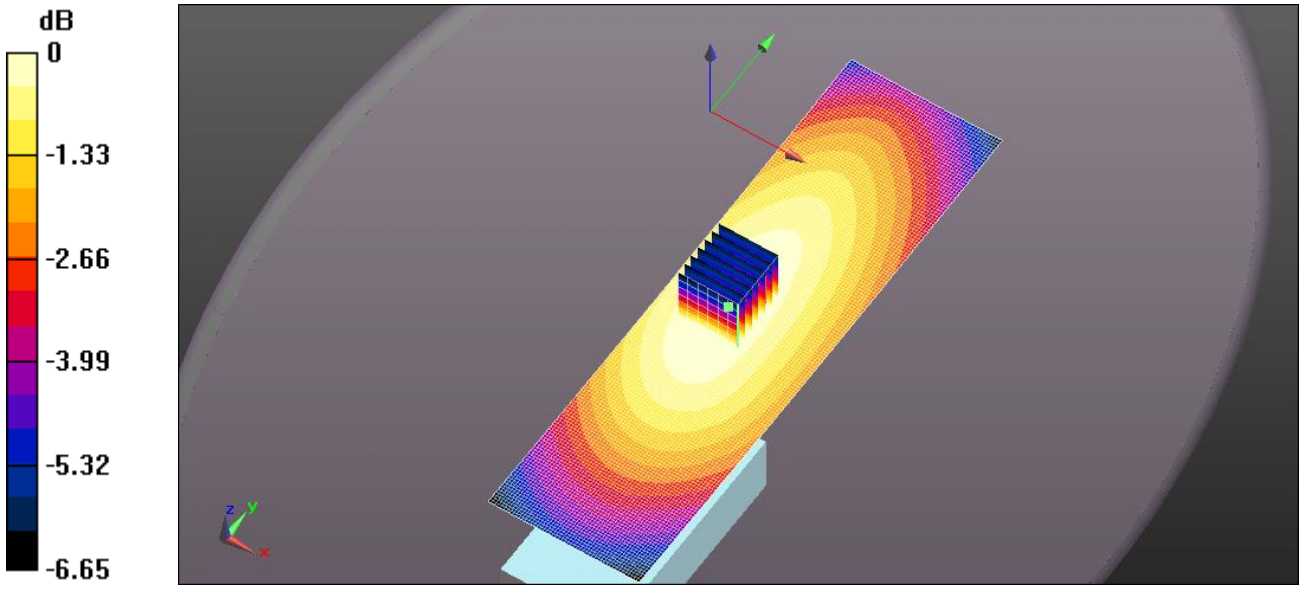
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.66 V/m; Power Drift = -0.88 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 1.61 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.79 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.85 W/kg



0 dB = 1.79 W/kg = 2.52 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 155MHZ 169MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.798 S/m; ε_r = 51.834; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

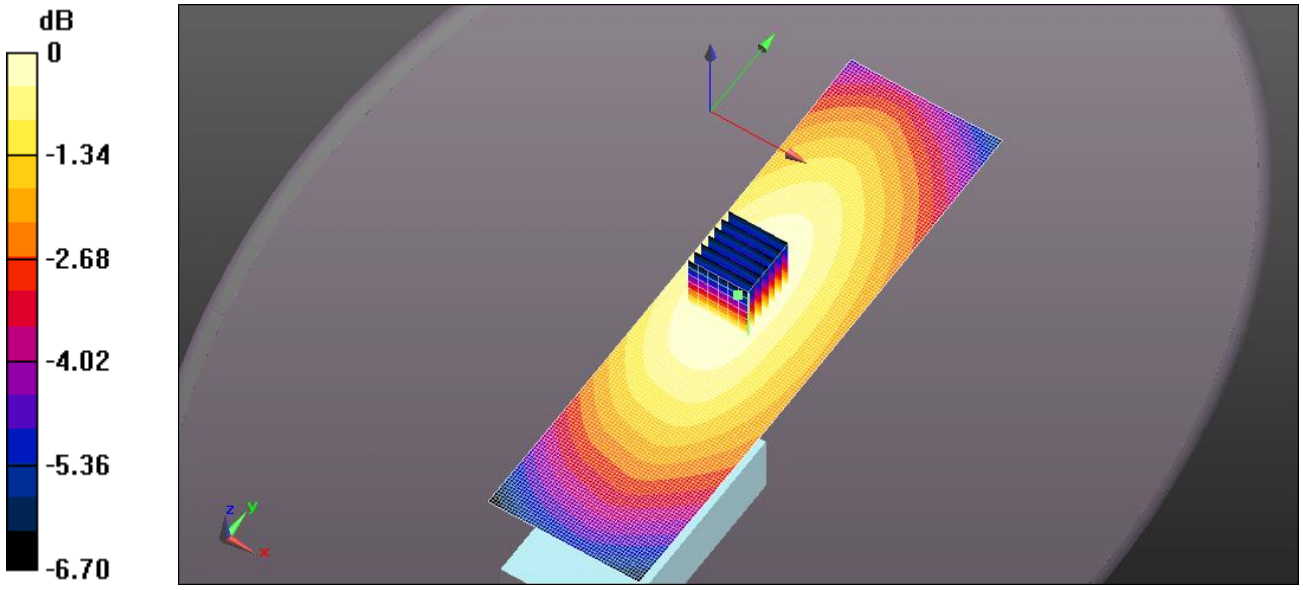
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.16 V/m; Power Drift = -1.76 dB
Peak SAR (extrapolated) = 0.747 W/kg
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.387 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.573 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.615 W/kg



0 dB = 0.573 W/kg = -2.42 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 167.7MHZ 169MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 167.7 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.807 S/m; ε_r = 51.423; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

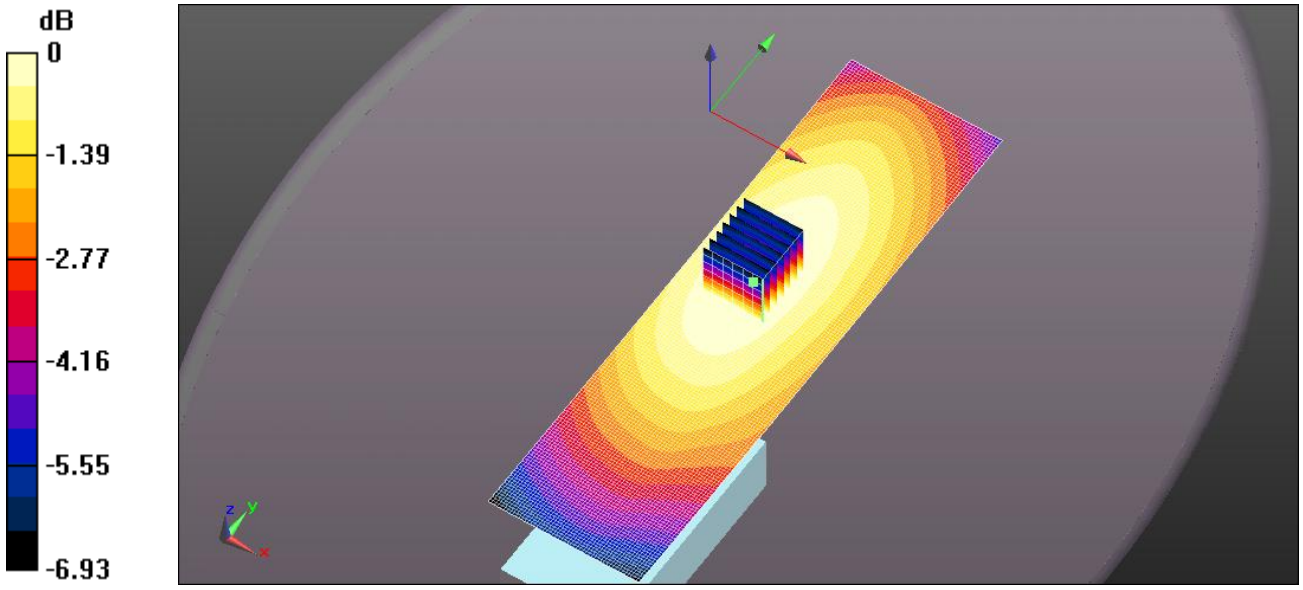
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.64 V/m; Power Drift = -1.88 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.127 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.190 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.192 W/kg



0 dB = 0.190 W/kg = -7.22 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 145MHZ 163MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 145 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 145 MHz; σ = 0.789 S/m; ε_r = 52.551; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

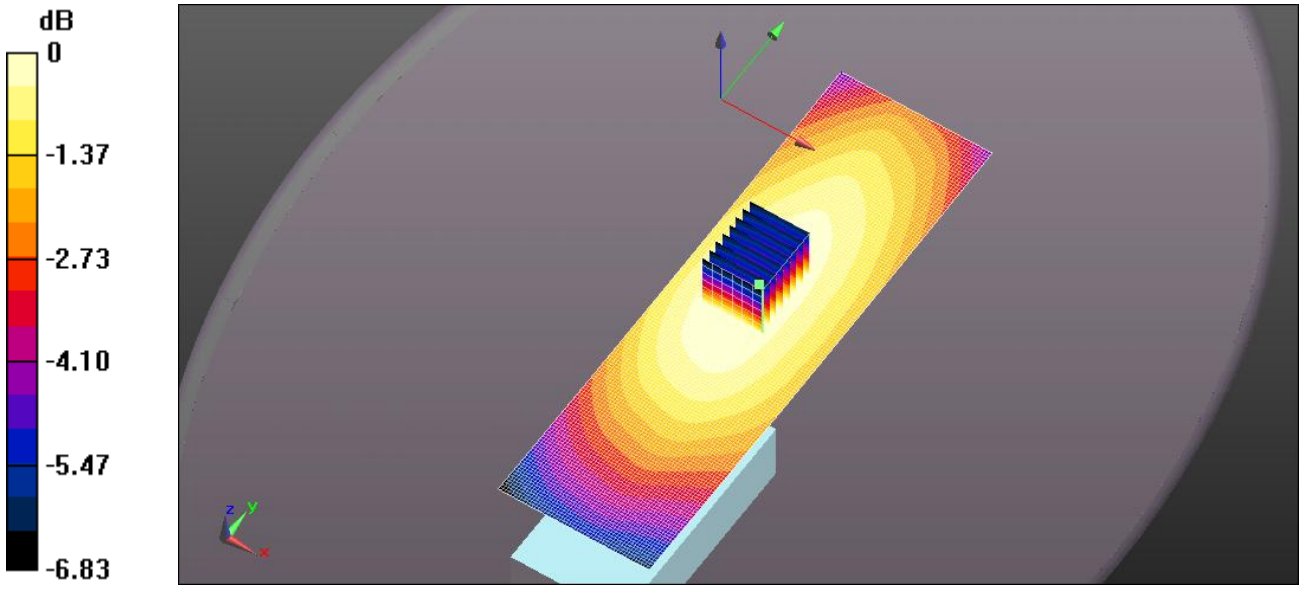
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.14 V/m; Power Drift = -2.68 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 1.83 W/kg; SAR(10 g) = 1.37 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.04 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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



0 dB = 2.04 W/kg = 3.09 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 136MHZ 163MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.783 S/m; ε_r = 53.23; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

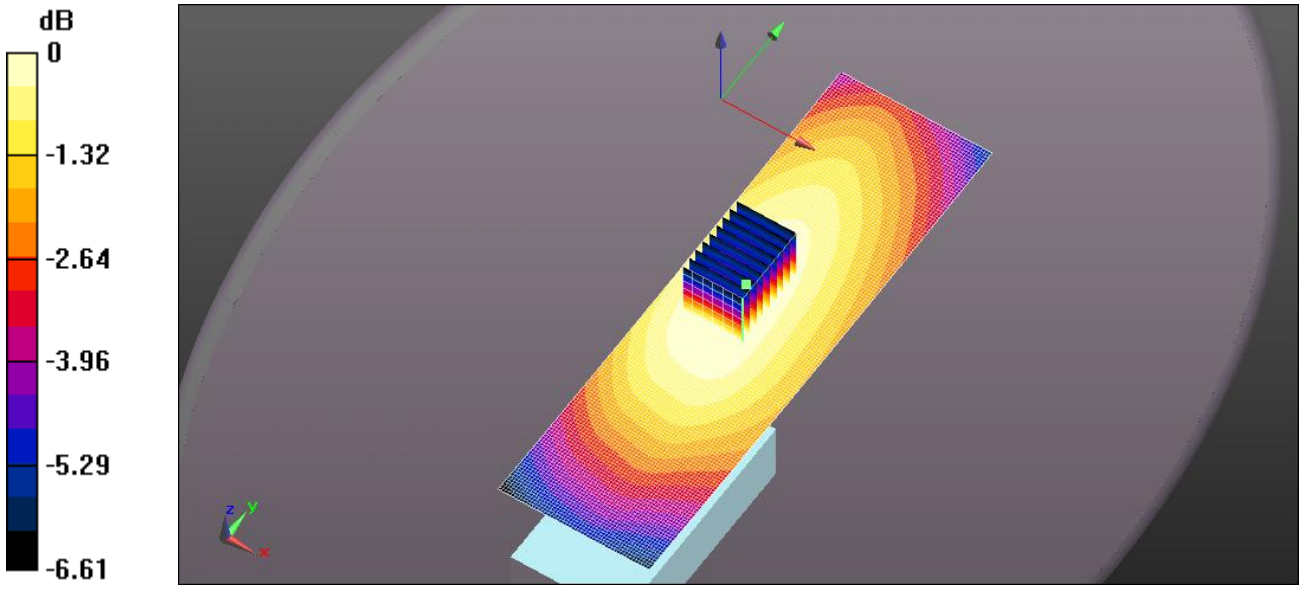
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 40.89 V/m; Power Drift = -2.07 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.591 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.869 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.919 W/kg



0 dB = 0.869 W/kg = -0.61 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 161.3MHZ 163MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.803 S/m; ε_r = 51.59; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

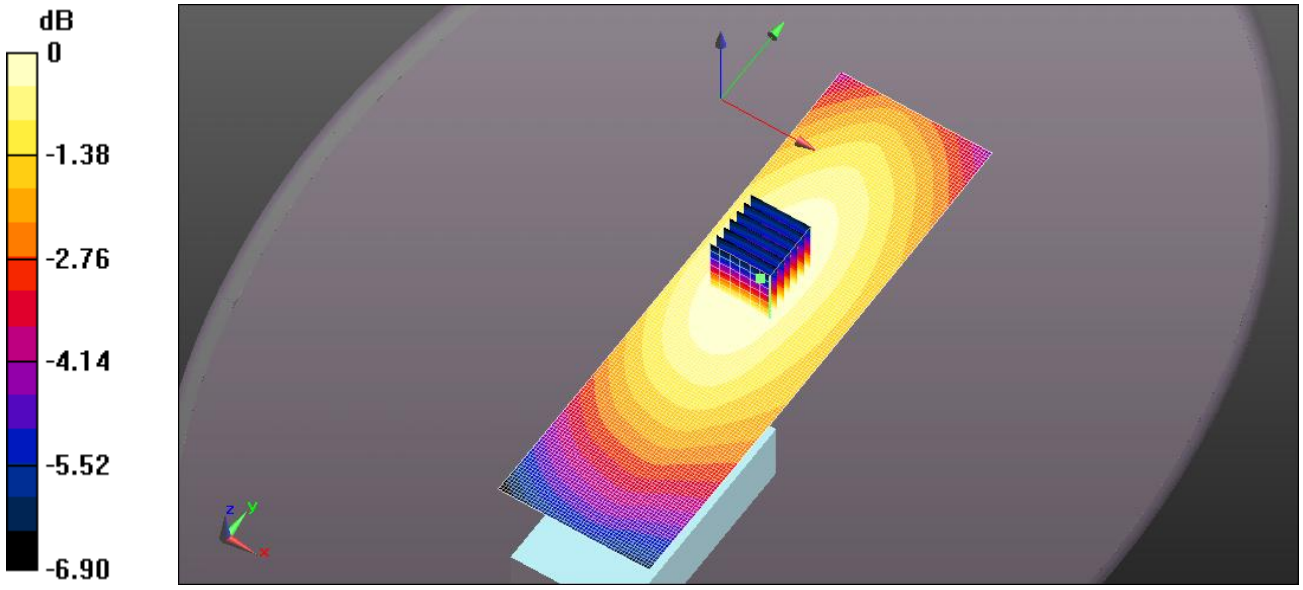
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.29 V/m; Power Drift = -2.34 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.451 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.674 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan

(51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.751 W/kg



0 dB = 0.674 W/kg = -1.71 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 174MHZ 163MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

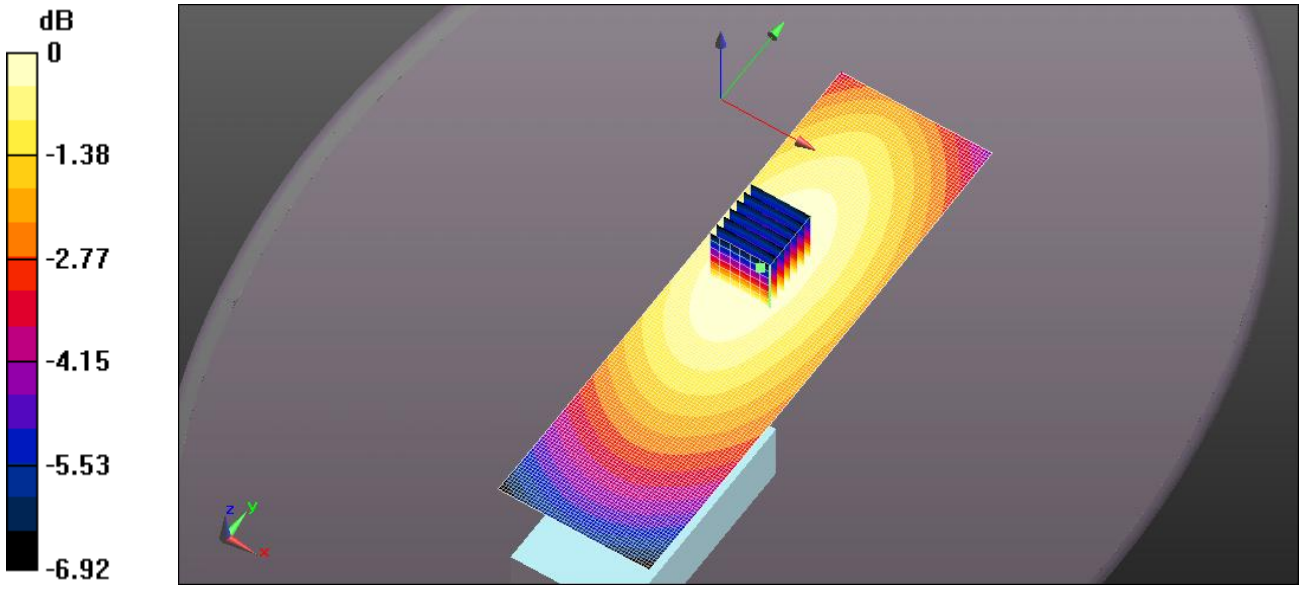
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.07 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.108 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.160 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.154 W/kg



0 dB = 0.160 W/kg = -7.95 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 150MHZ 157MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 150 MHz; Duty Cycle: 1:1
Medium parameters used: f = 150 MHz; σ = 0.793 S/m; ε_r = 52.283; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

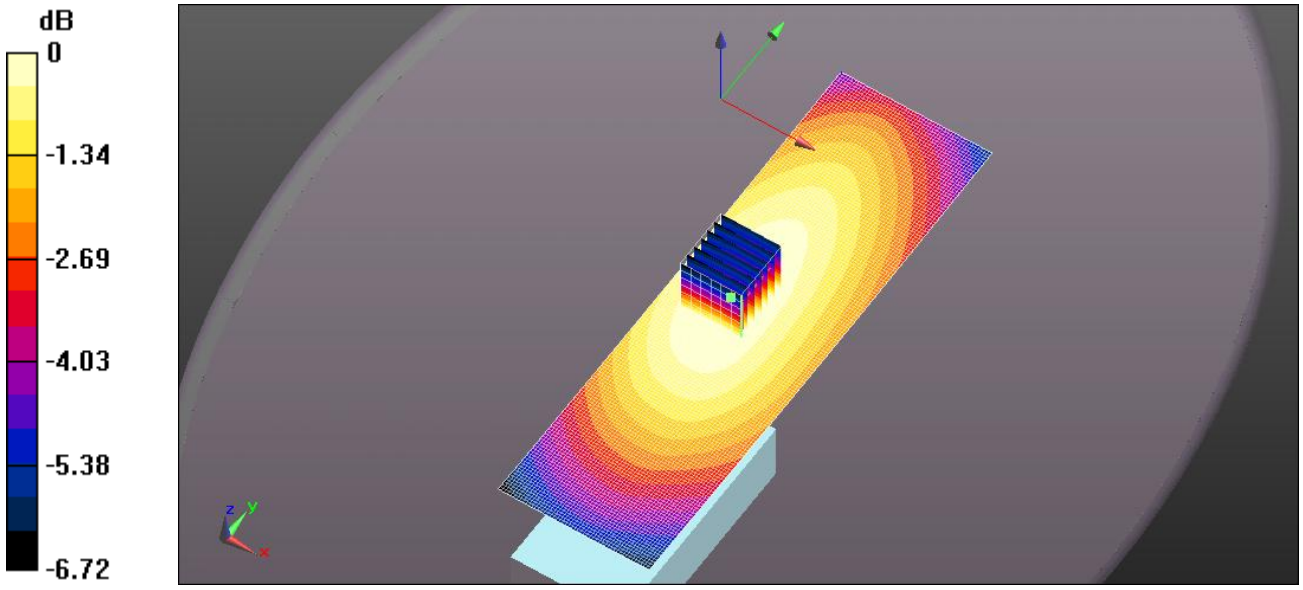
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.81 V/m; Power Drift = -2.04 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.44 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.65 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.76 W/kg



0 dB = 1.65 W/kg = 2.18 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 136MHZ 157MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.783 S/m; ε_r = 53.23; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

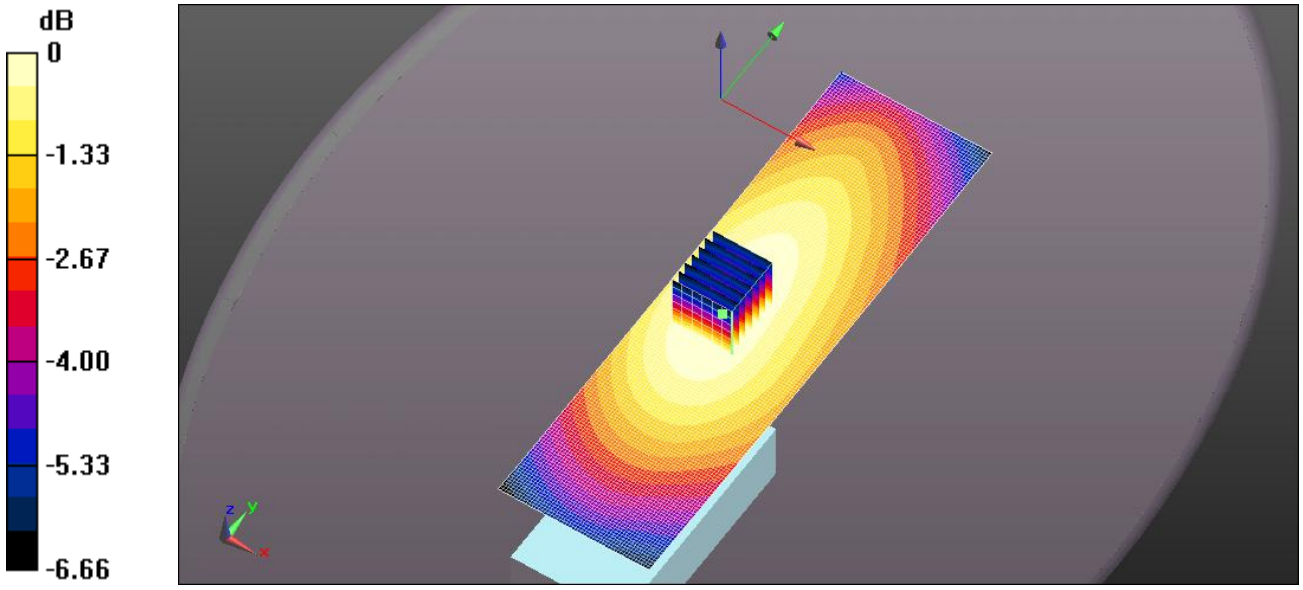
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.05 V/m; Power Drift = -1.83 dB
Peak SAR (extrapolated) = 0.682 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.354 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.522 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.524 W/kg



0 dB = 0.522 W/kg = -2.82 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 161.3MHZ 157MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.803 S/m; ε_r = 51.59; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

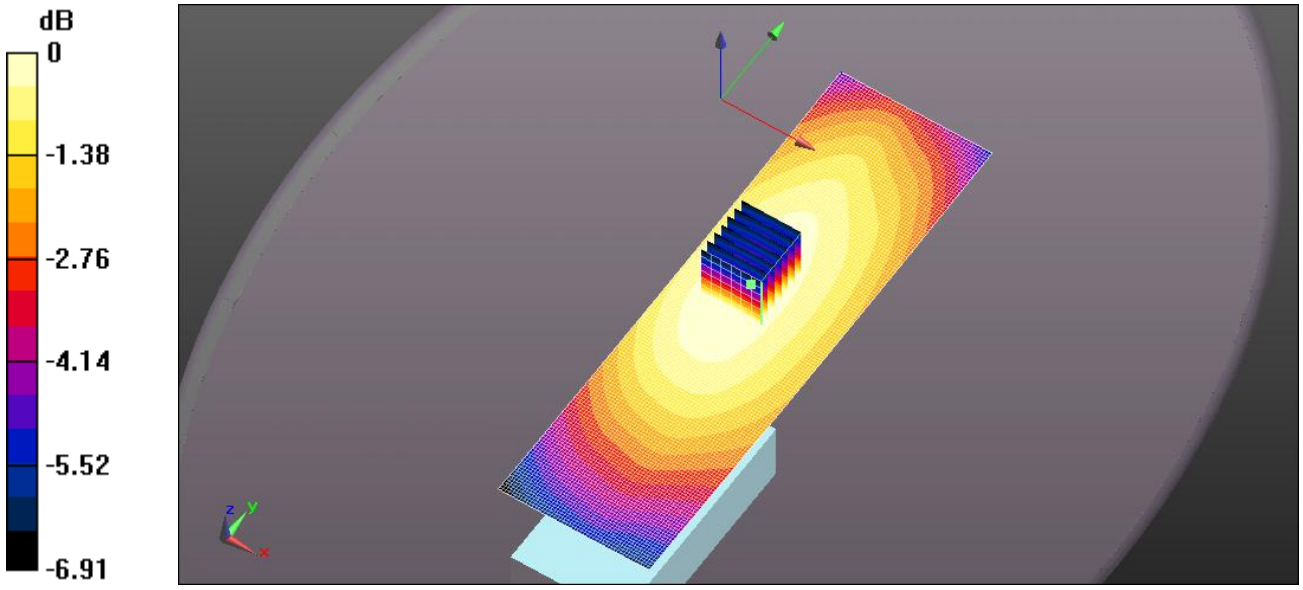
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.32 V/m; Power Drift = -2.38 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.808 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.21 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg



0 dB = 1.21 W/kg = 0.82 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 174MHZ 157MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

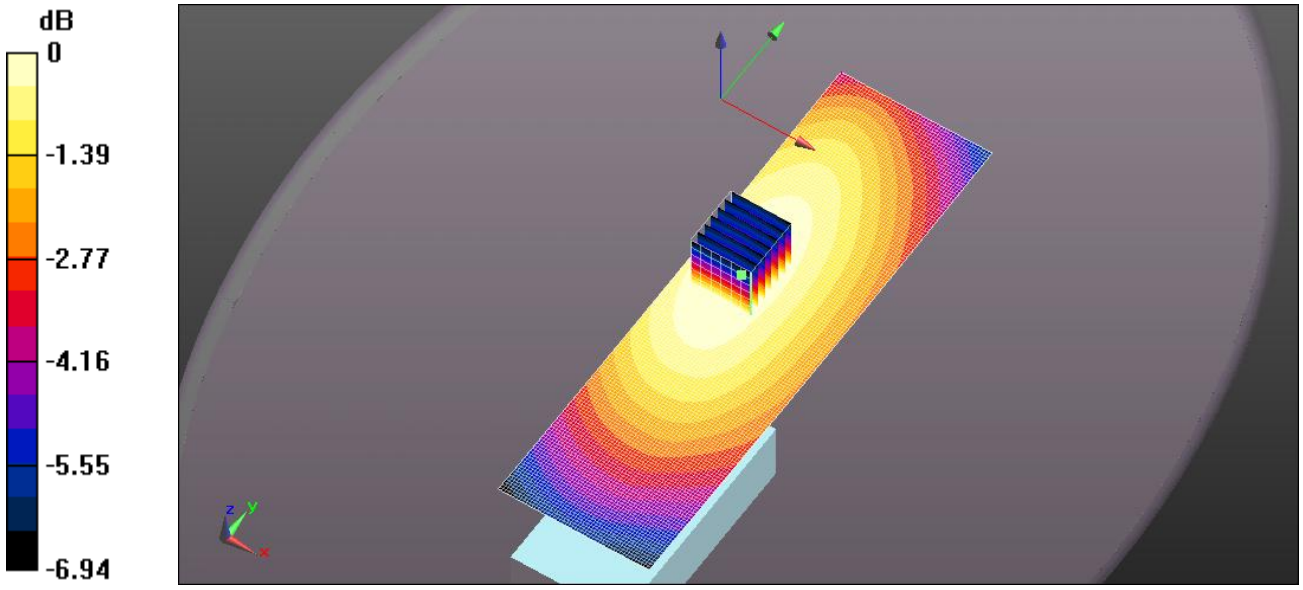
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.86 V/m; Power Drift = -1.35 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.174 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.260 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.257 W/kg



0 dB = 0.260 W/kg = -5.86 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 155MHZ 151MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.798 S/m; ε_r = 51.834; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

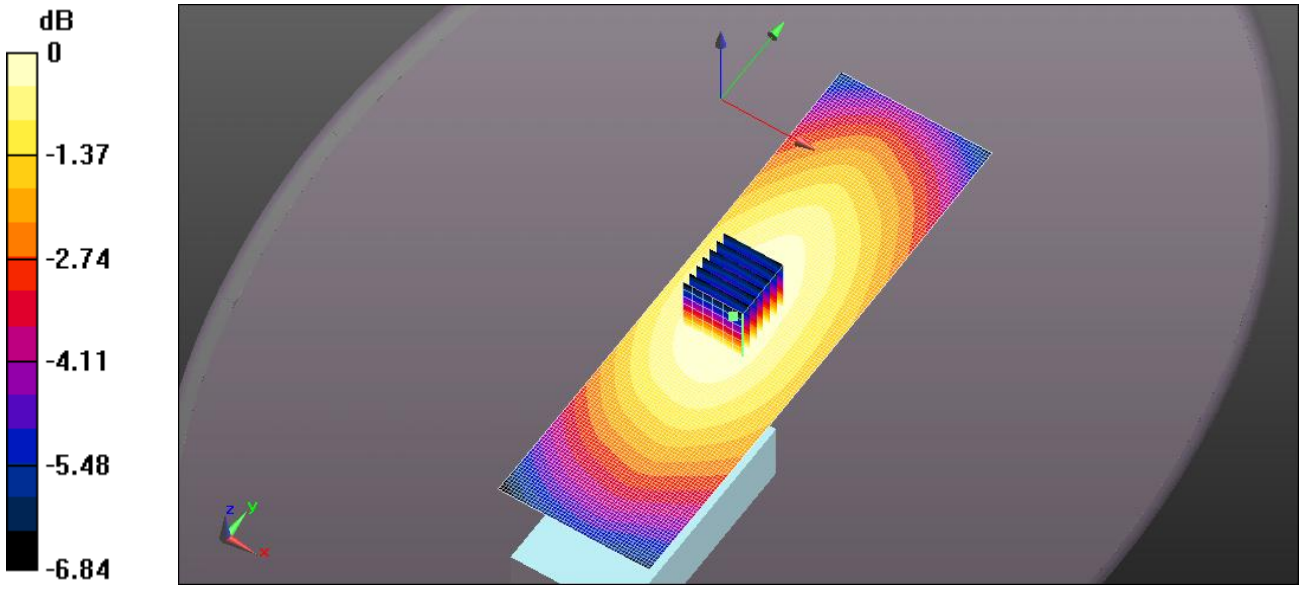
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.79 V/m; Power Drift = -2.17 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.608 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.908 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.967 W/kg



0 dB = 0.908 W/kg = -0.42 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 142.3MHZ 151MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.788 S/m; ε_r = 52.629; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

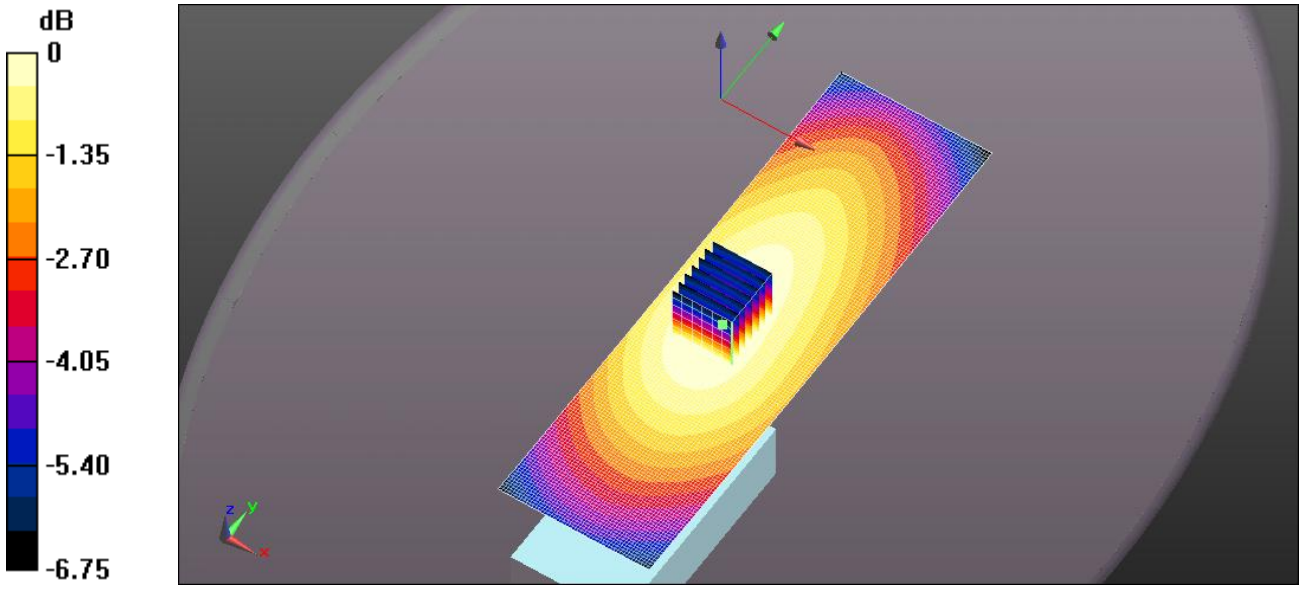
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.51 V/m; Power Drift = -1.37 dB
Peak SAR (extrapolated) = 0.430 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.223 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.329 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan

(51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.338 W/kg



0 dB = 0.329 W/kg = -4.82 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 167.7MHZ 151MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 167.7 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.807 S/m; ε_r = 51.423; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

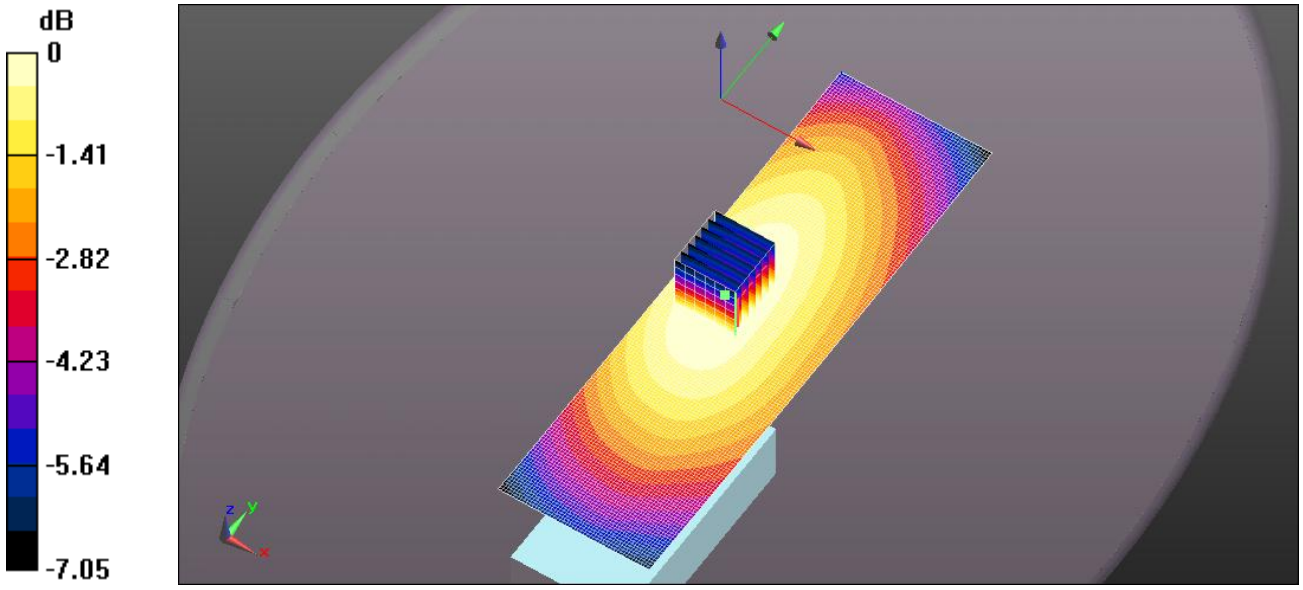
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.90 V/m; Power Drift = -2.73 dB
Peak SAR (extrapolated) = 4.51 W/kg
SAR(1 g) = 3.08 W/kg; SAR(10 g) = 2.31 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.44 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.80 W/kg



0 dB = 3.44 W/kg = 5.36 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 160MHZ 146MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 160 MHz; Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.802 S/m; ε_r = 51.662; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

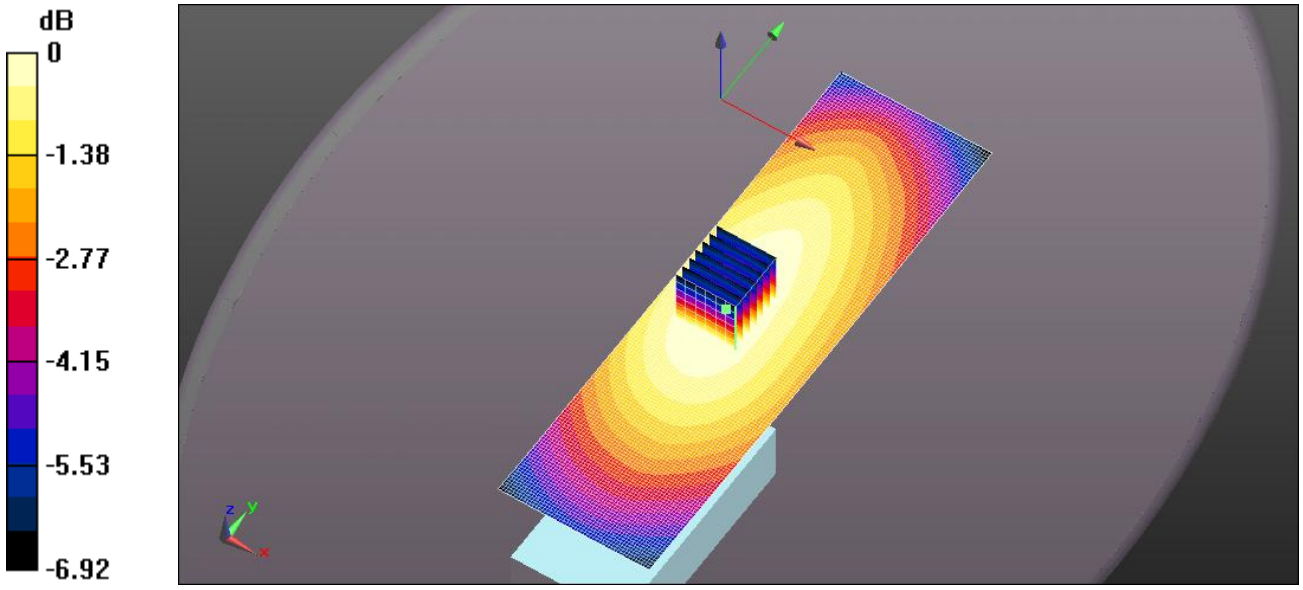
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.65 V/m; Power Drift = -1.24 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.900 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.34 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg



0 dB = 1.34 W/kg = 1.28 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 136MHZ 146MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.783 S/m; ε_r = 53.23; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

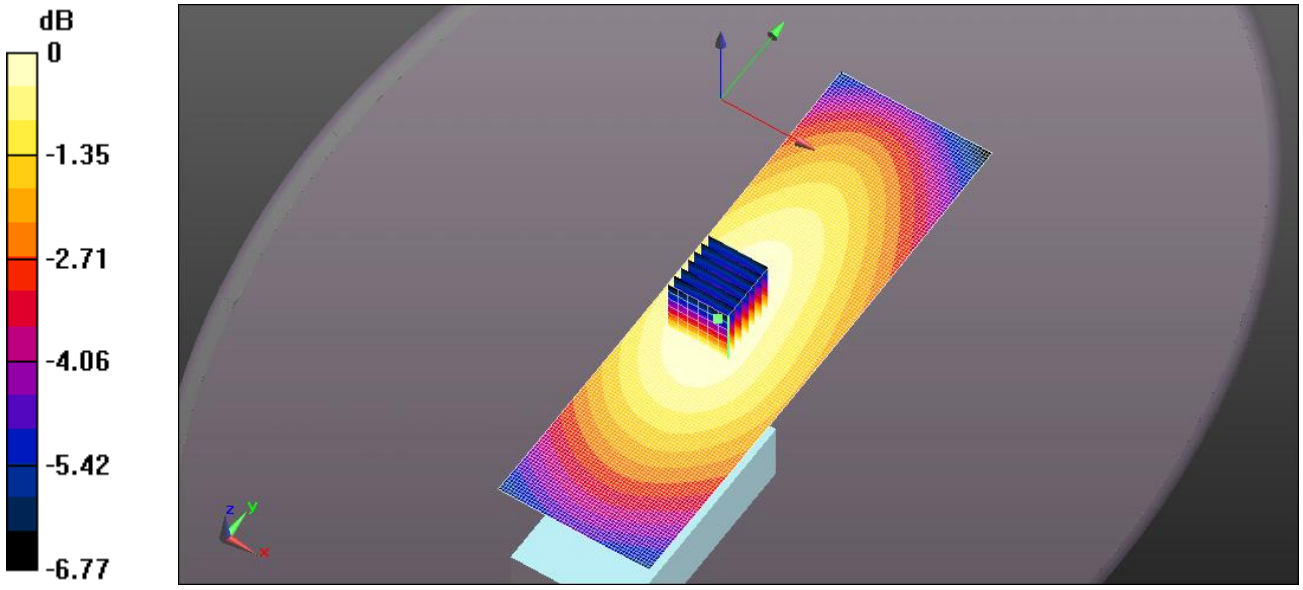
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.39 V/m; Power Drift = -0.97 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.164 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.244 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.239 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 148.7MHZ 146MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 148.7 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 148.7 MHz; σ = 0.792 S/m; ε_r = 52.339; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

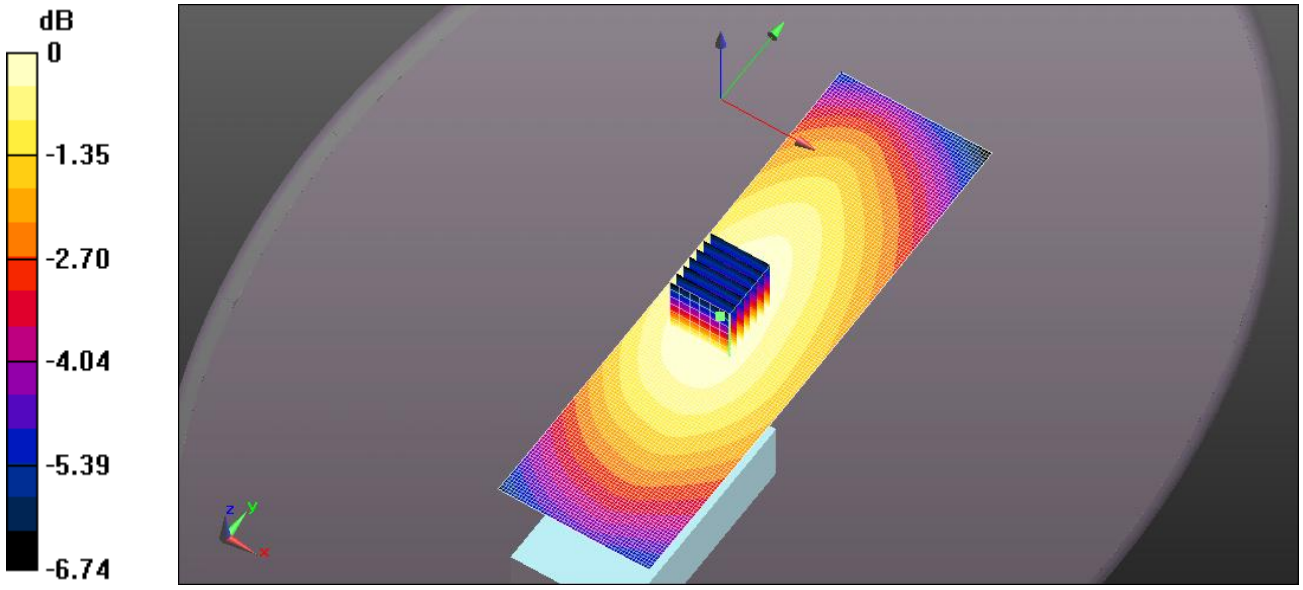
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.41 V/m; Power Drift = -2.28 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.337 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.499 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan

(51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.545 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 174MHZ 146MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

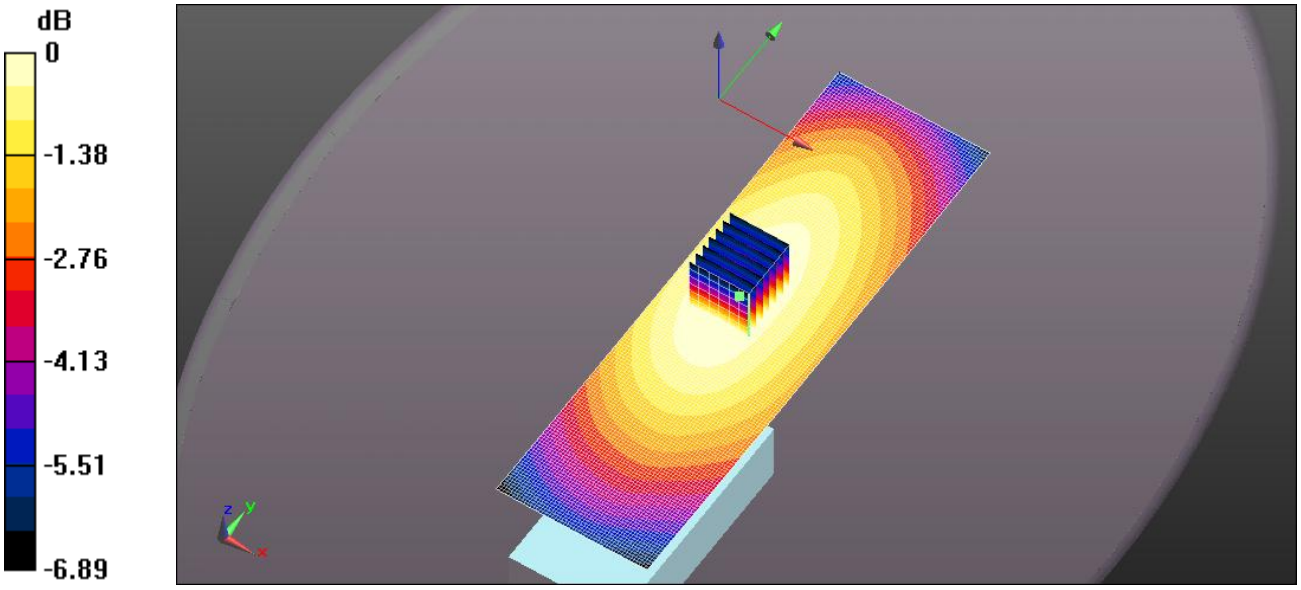
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.28 V/m; Power Drift = -1.97 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.568 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.846 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.853 W/kg



0 dB = 0.846 W/kg = -0.72 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 167.7MHZ 141MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 167.7 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.807 S/m; ε_r = 51.423; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

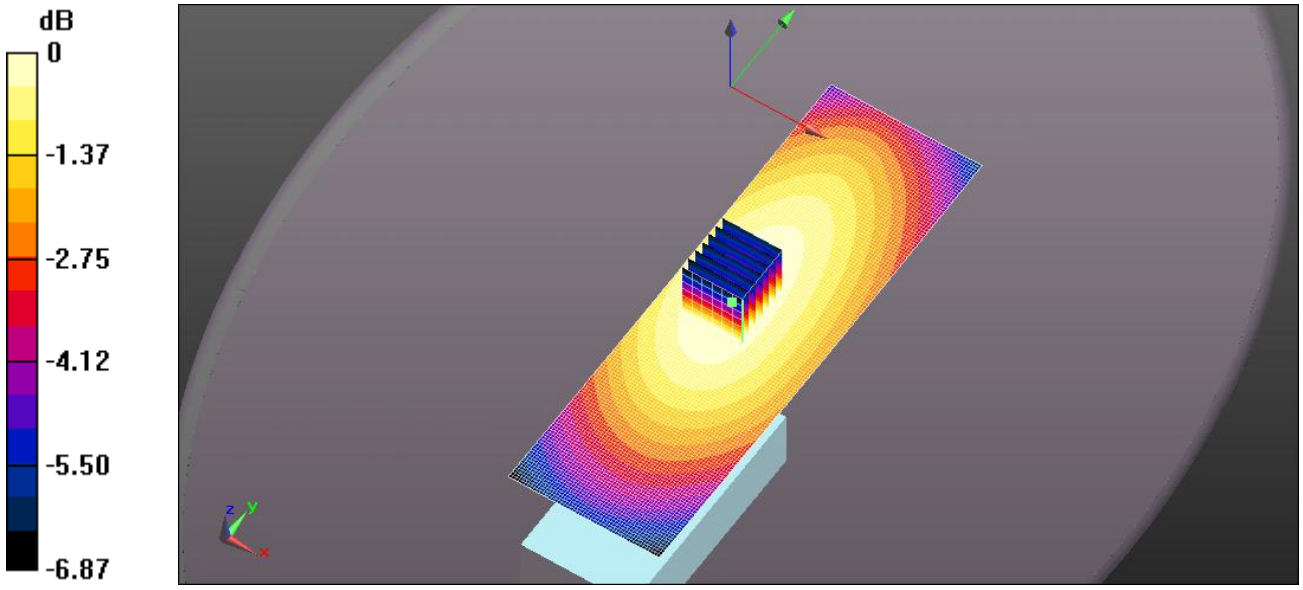
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 44.21 V/m; Power Drift = -0.62 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.969 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.43 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan

(51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.45 W/kg



0 dB = 1.43 W/kg = 1.57 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 142.3MHZ 141MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.788 S/m; ε_r = 52.629; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

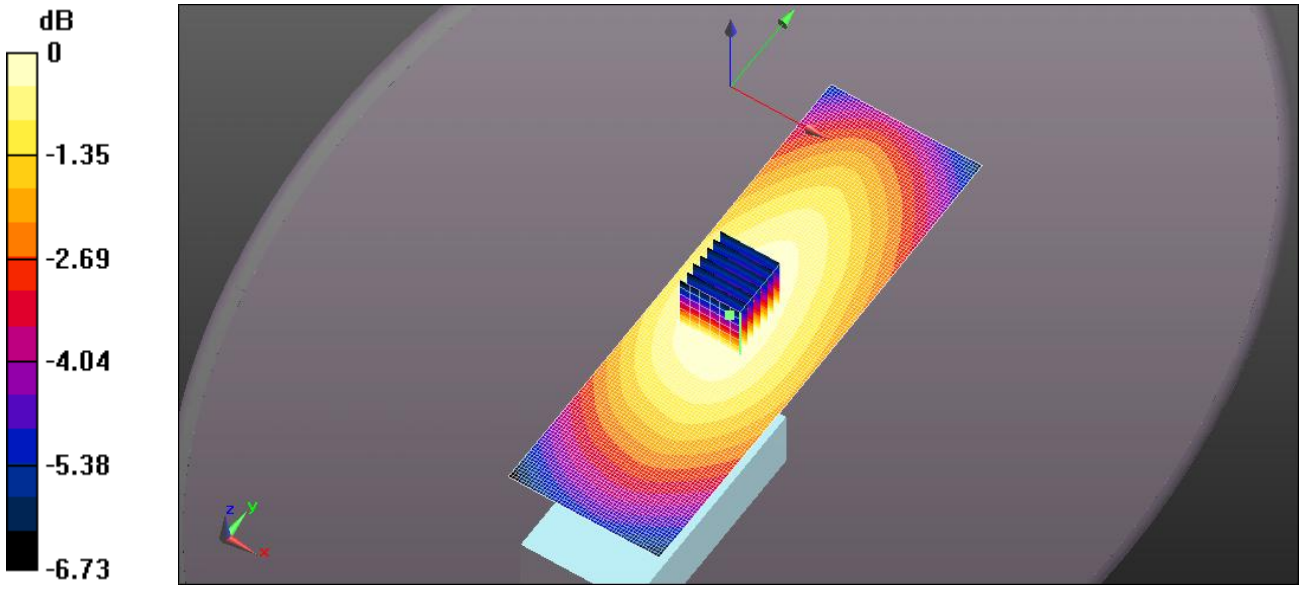
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.31 V/m; Power Drift = -2.08 dB
Peak SAR (extrapolated) = 0.305 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) = 0.233 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.250 W/kg



0 dB = 0.233 W/kg = -6.34 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 155MHZ 141MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.798 S/m; ε_r = 51.834; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

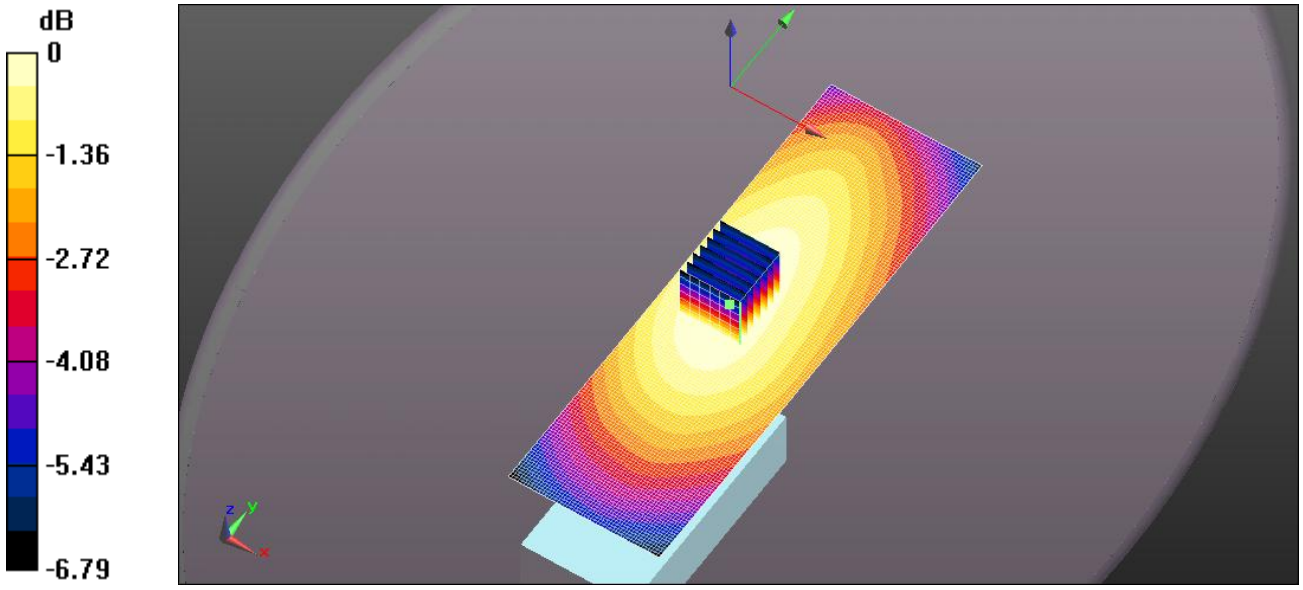
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.78 V/m; Power Drift = -1.64 dB
Peak SAR (extrapolated) = 0.768 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.395 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.587 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.607 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 168MHZ 137MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 168 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.807 S/m; ε_r = 51.423; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

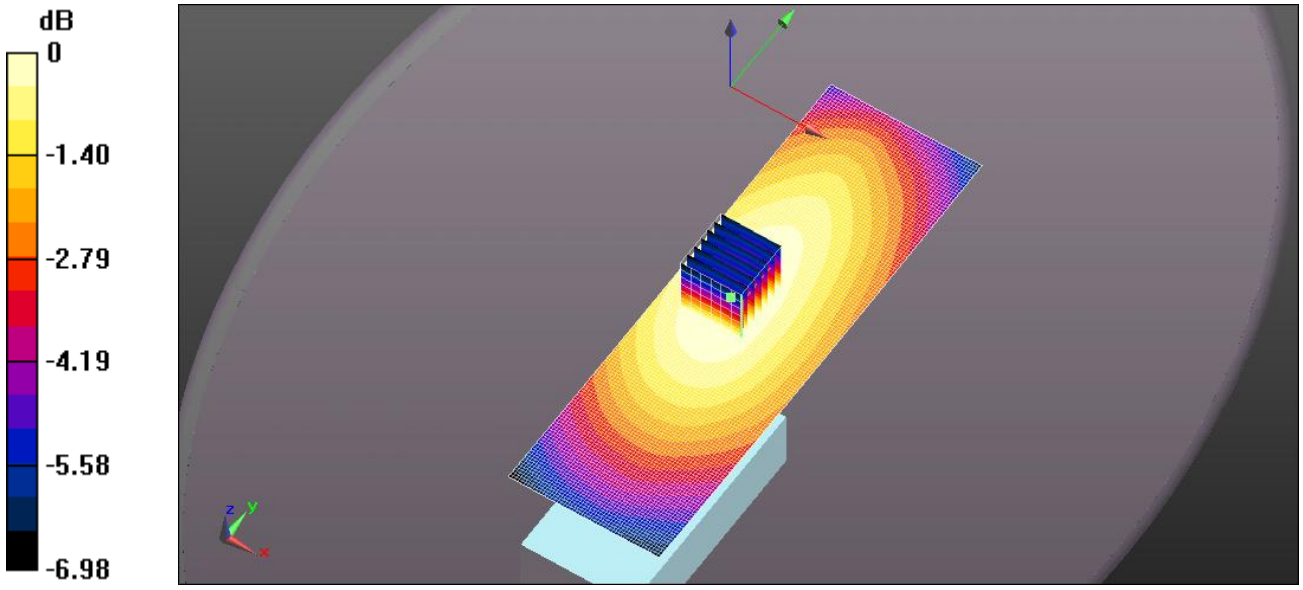
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.38 V/m; Power Drift = -1.97 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.802 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.19 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.23 W/kg



0 dB = 1.19 W/kg = 0.77 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 155MHZ 137MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.798 S/m; ε_r = 51.834; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

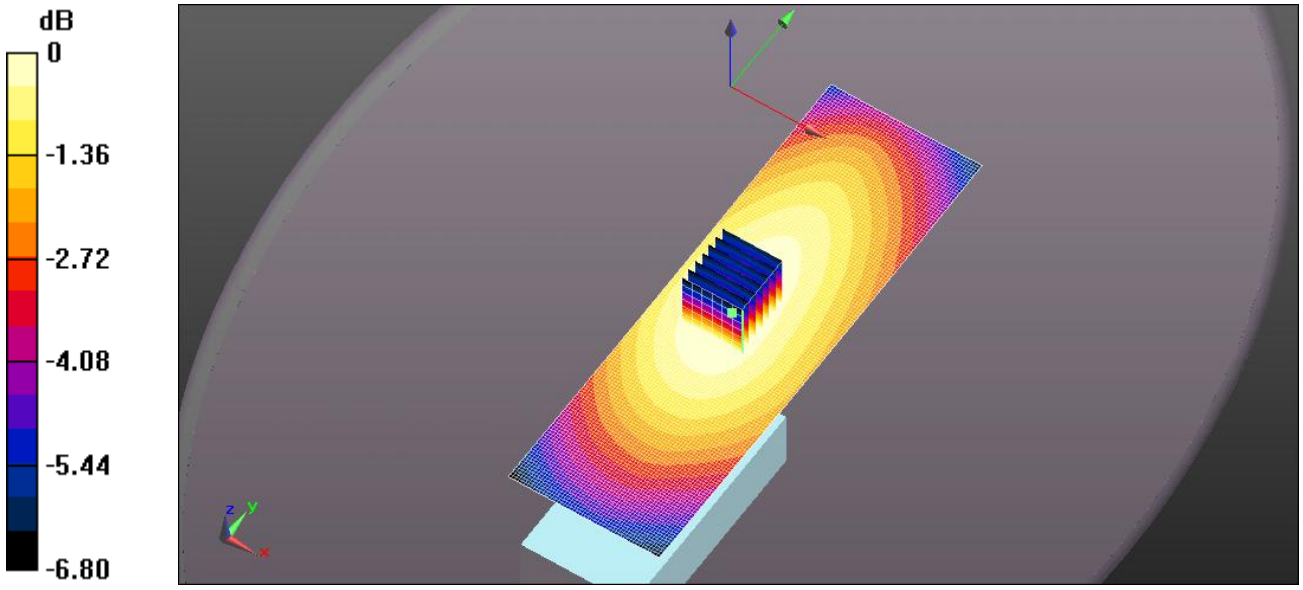
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.67 V/m; Power Drift = -1.86 dB
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.301 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.449 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.467 W/kg



0 dB = 0.449 W/kg = -3.47 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 142.3MHZ 137MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

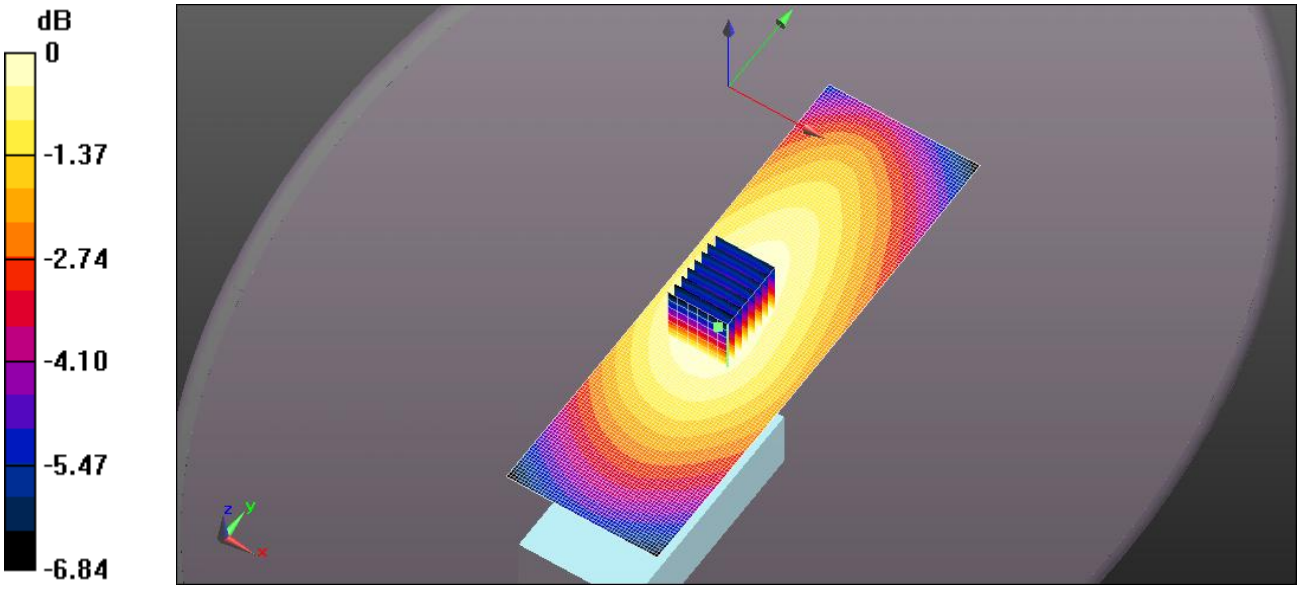
Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.788 S/m; ε_r = 52.629; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.53 V/m; Power Drift = -1.57 dB
Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.132 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.196 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.202 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 174MHZ 133MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.813 S/m; ε_r = 51.148; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

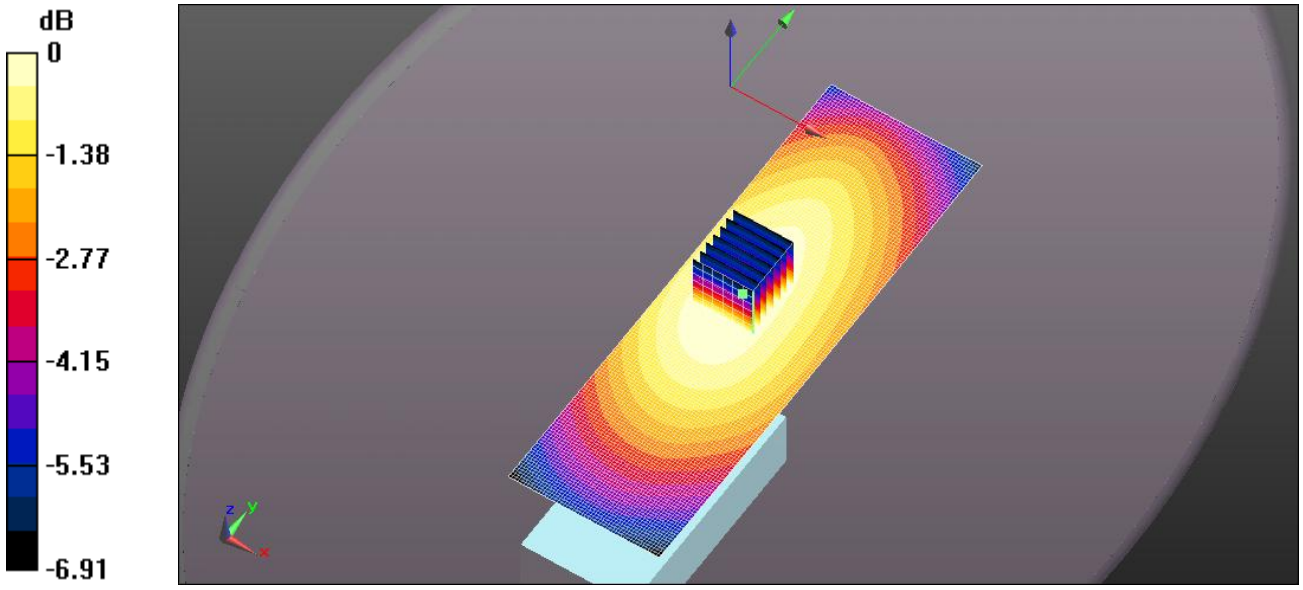
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.74 V/m; Power Drift = -1.27 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.49 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.67 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.70 W/kg



0 dB = 1.67 W/kg = 2.24 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 136MHZ 133MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.783 S/m; ε_r = 53.23; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

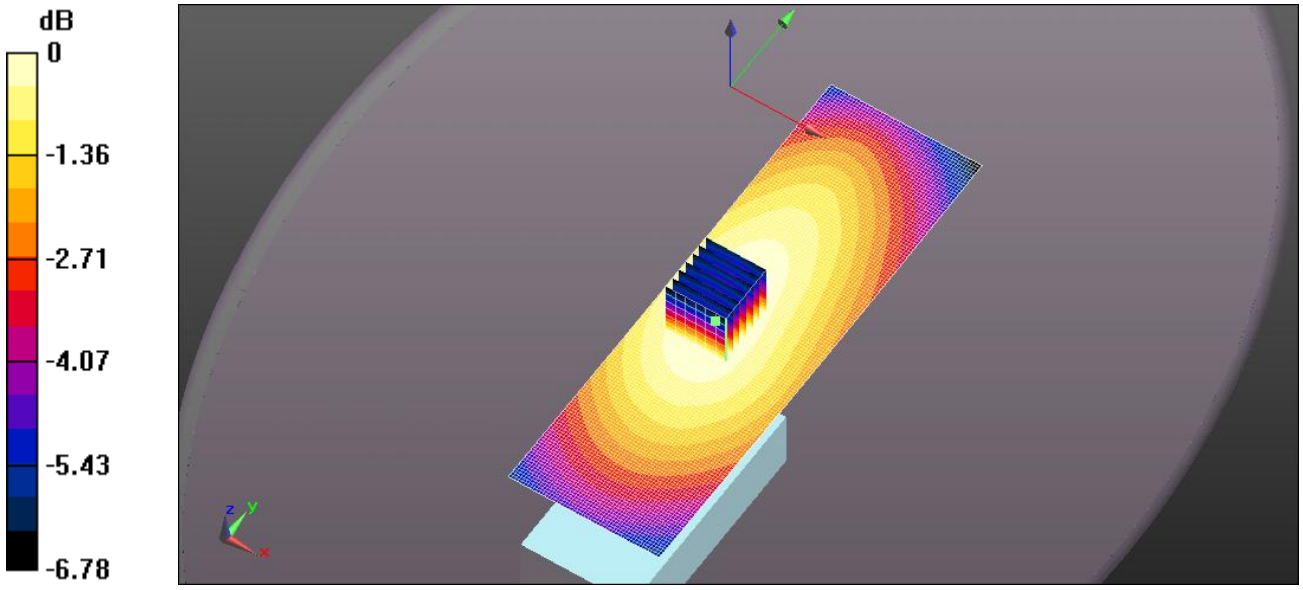
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.99 V/m; Power Drift = -1.11 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.082 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.122 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.118 W/kg



0 dB = 0.122 W/kg = -9.12 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 148.7MHZ 133MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 148.7 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 148.7 MHz; σ = 0.792 S/m; ε_r = 52.339; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

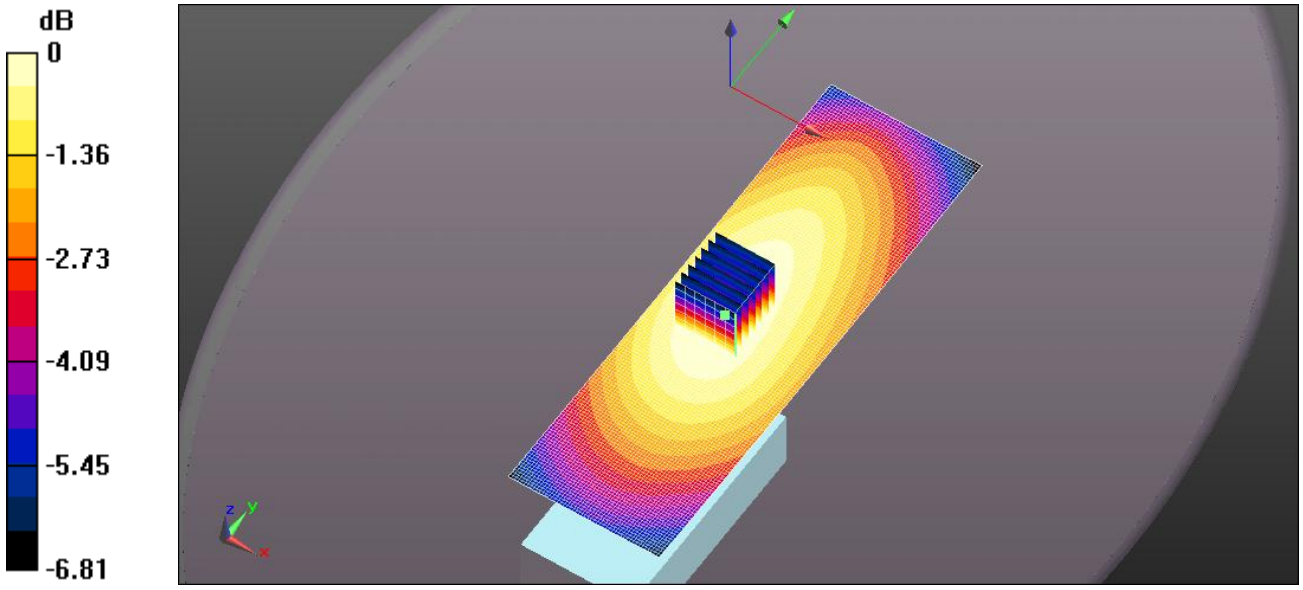
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.91 V/m; Power Drift = -1.20 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.135 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.201 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan

(51x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.207 W/kg



0 dB = 0.201 W/kg = -6.98 dBW/kg

FILE NAME: ICOM-553Q HEAD FA-SC61VC 161.3MHZ 133MM BP-280.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.803 S/m; ε_r = 51.59; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

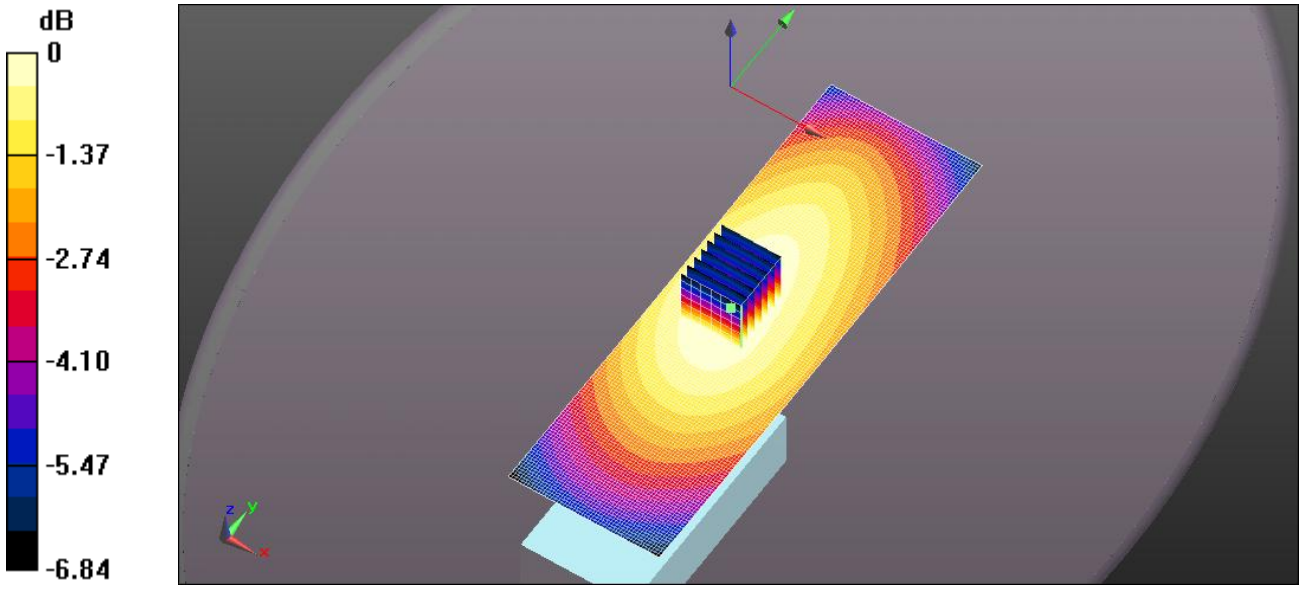
- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.09 V/m; Power Drift = -1.77 dB
Peak SAR (extrapolated) = 0.491 W/kg
SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.254 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.377 W/kg

Configuration Head for IC-F1100DS/Head Front, P=5W, d=25mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.381 W/kg



0 dB = 0.377 W/kg = -4.23 dBW/kg

EXHIBIT 3. BODY SAR MEASUREMENTS

Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Power Drift
				BP-280,2400mAh	BP-280,2400mAh	
			(MHz)	MB-133& HM-159LA	MB-133& HM-159LA	(dB)
FA-SC25V 136-150 MHz	5.23	1	136	**	**	**
	5.62	3	142.3	1.54	1.12	-0.77
	5.38	8	150	**	**	**
FA-SC28V 148-162 MHz	5.49	6	148	2.11	1.56	-1.21
	4.97	9	155	**	**	**
	5.04	13	162	0.534	0.398	-0.67
FA-SC29V 160-174 MHz	5.00	11	160	2.27	1.7	-0.65
	5.08	14	167.7	**	**	**
	5.12	16	174	0.514	0.381	0.11
FA-SC27VS 142-150 MHz	5.62	3	142.3	**	**	**
	5.63	5	145	0.877	0.588	-0.65
	5.38	8	150	**	**	**
FA-SC56VS 150-162 MHz	5.38	8	150	0.439	0.323	-1.17
	4.98	10	156	**	**	**
	5.04	13	162	0.087	0.0601	-1.01
FA-SC57VS 160-174 MHz	5.00	11	160	0.741	0.532	-1.21
	5.08	14	167.7	**	**	**
	5.12	16	174	0.086	0.0611	-0.05
FA-SC26VS 136-144 MHz	5.23	1	136	0.239	0.139	-0.80
	5.52	2	140	**	**	**
	5.63	4	144	0.649	0.427	-1.10
FA-SC55V 150-174 MHz	5.38	8	150	1.88	1.39	-0.44
	4.98	10	156	**	**	**
	5.04	13	162	1.37	1.03	-1.22
	5.06	15	168	**	**	**
	5.12	16	174	0.30	0.224	-0.35

** SAR Test Reduction Applied For PTT Radio

Antenna	Power (W)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg) BP-280,2400mAh MB-133& HM-159LA	BODY SAR10g (W/Kg) BP-280,2400mAh MB-133& HM-159LA	Power Drift (dB)
FA-SC61VC 136MHz 174mm	5.23	1	136	0.144	0.0903	0.2
	5.62	3	142.3	**	**	**
	5.50	7	148.7	0.867	0.651	-0.73
	4.97	9	155	**	**	**
	5.03	12	161.3	0.274	0.206	-0.91
	5.08	14	167.7	**	**	**
	5.12	16	174	0.0768	0.0577	-0.13
FA-SC61VC 140MHz 169mm	5.23	1	136	**	**	**
	5.52	2	140	1.08	0.679	-0.59
	5.50	7	148.7	**	**	**
	4.97	9	155	0.496	0.375	-0.64
	5.03	12	161.3	**	**	**
	5.08	14	167.7	0.145	0.109	0.06
	5.12	16	174	**	**	**
FA-SC61VC 145MHz 163mm	5.23	1	136	0.241	0.148	-0.61
	5.62	3	142.3	**	**	**
	5.63	5	145	1.62	1.17	-1
	4.97	9	155	**	**	**
	5.03	12	161.3	0.51	0.382	-0.75
	5.08	14	167.7	**	**	**
	5.12	16	174	0.118	0.0881	-0.19
FA-SC61VC 150MHz 157mm	5.23	1	136	0.308	0.204	-0.77
	5.62	3	142.3	**	**	**
	5.38	8	150	1.79	1.33	-0.98
	4.97	9	155	**	**	**
	5.03	12	161.3	0.81	0.606	-0.73
	5.08	14	167.7	**	**	**
	5.12	16	174	0.183	0.136	0.25
FA-SC61VC 155MHz 151mm	5.23	1	136	**	**	**
	5.62	3	142.3	0.584	0.404	-1.05
	5.50	7	148.7	**	**	**
	4.97	9	155	1.36	1.02	-0.52
	5.03	12	161.3	**	**	**
	5.08	14	167.7	1.9	1.41	-0.43
	5.12	16	174	**	**	**

** SAR Test Reduction Applied For PTT Radio

Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Power Drift
				BP-280,2400mAh	BP-280,2400mAh	
			(MHz)	MB-133& HM-159LA	MB-133& HM-159LA	(dB)
FA-SC61VC 160MHz 146mm	5.23	1	136	0.501	0.307	-0.98
	5.62	3	142.3	**	**	**
	5.50	7	148.7	0.728	0.525	-0.68
	4.97	9	155	**	**	**
	5.00	11	160	1.94	1.44	-0.81
	5.08	14	167.7	**	**	**
	5.12	16	174	0.457	0.34	-0.41
FA-SC61VC 165MHz 141mm	5.23	1	136	**	**	**
	5.62	3	142.3	0.483	0.338	-0.24
	5.50	7	148.7	**	**	**
	4.97	9	155	0.875	0.652	-0.49
	5.03	12	161.3	**	**	**
	5.08	14	167.7	1.95	1.45	-0.78
	5.12	16	174	**	**	**
FA-SC61VC 170MHz 137mm	5.23	1	136	**	**	**
	5.62	3	142.3	0.413	0.289	-1.04
	5.50	7	148.7	**	**	**
	4.97	9	155	0.705	0.524	-0.73
	5.03	12	161.3	**	**	**
	5.06	15	168	1.72	1.29	-0.55
	5.12	16	174	**	**	**
FA-SC61VC 175MHz 133mm	5.23	1	136	0.489	0.294	-0.55
	5.62	3	142.3	**	**	**
	5.50	7	148.7	0.333	0.239	-0.65
	4.97	9	155	**	**	**
	5.03	12	161.3	0.741	0.551	-0.21
	5.08	14	167.7	**	**	**
	5.12	16	174	1.66	1.23	-0.56

** SAR Test Reduction Applied For PTT Radio

FILE NAME: ICOM-553Q BODY FA-SC25V 142.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.773 S/m; ε_r = 62.02; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

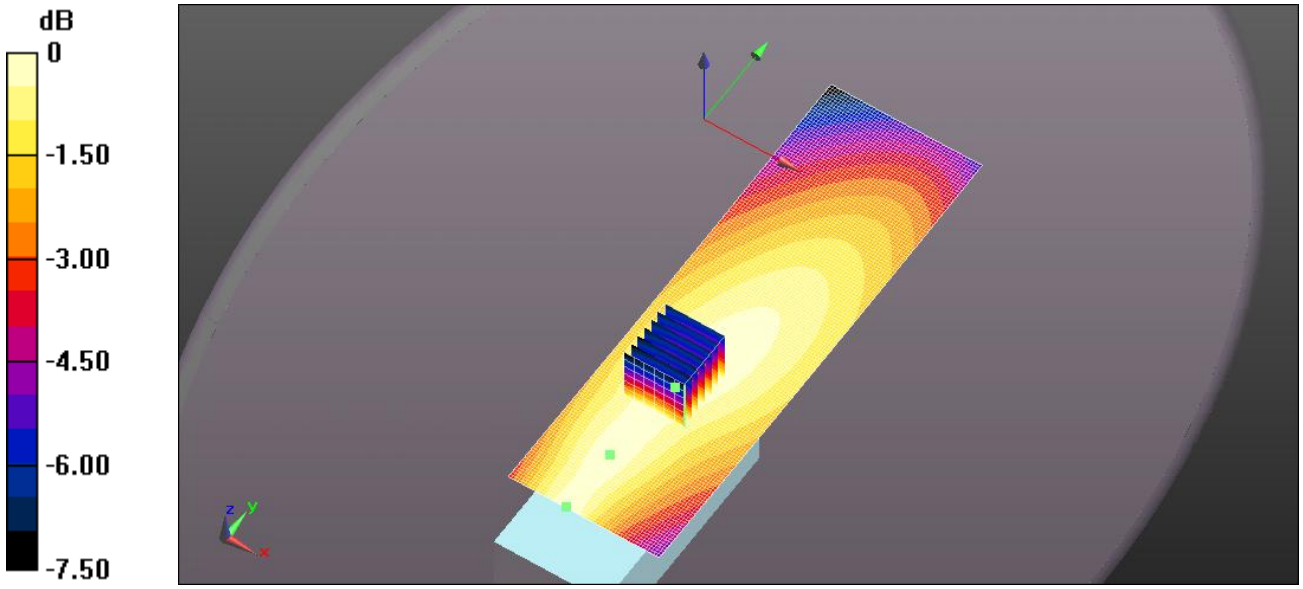
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.30 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.54 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.75 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.78 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC28V 148MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 148 MHz; Duty Cycle: 1:1
Medium parameters used: f = 148 MHz; σ = 0.775 S/m; ε_r = 61.697; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

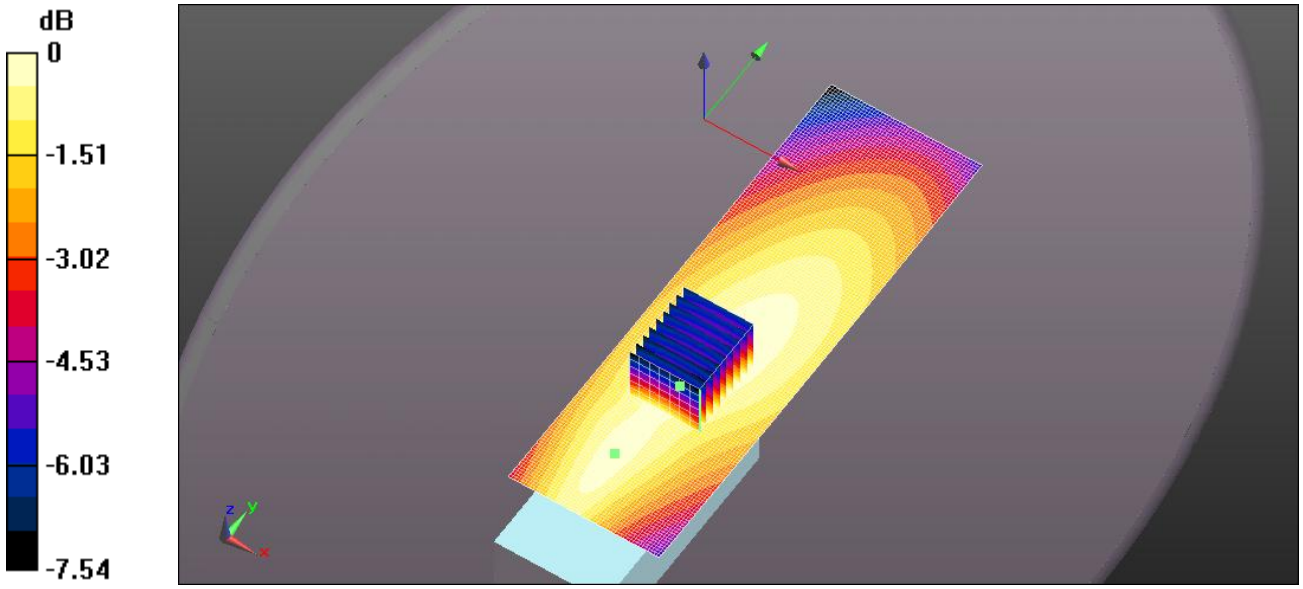
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x9x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 62.74 V/m; Power Drift = -1.21 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.56 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.39 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.49 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC28V 162MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 162 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.784 S/m; ε_r = 61.622; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

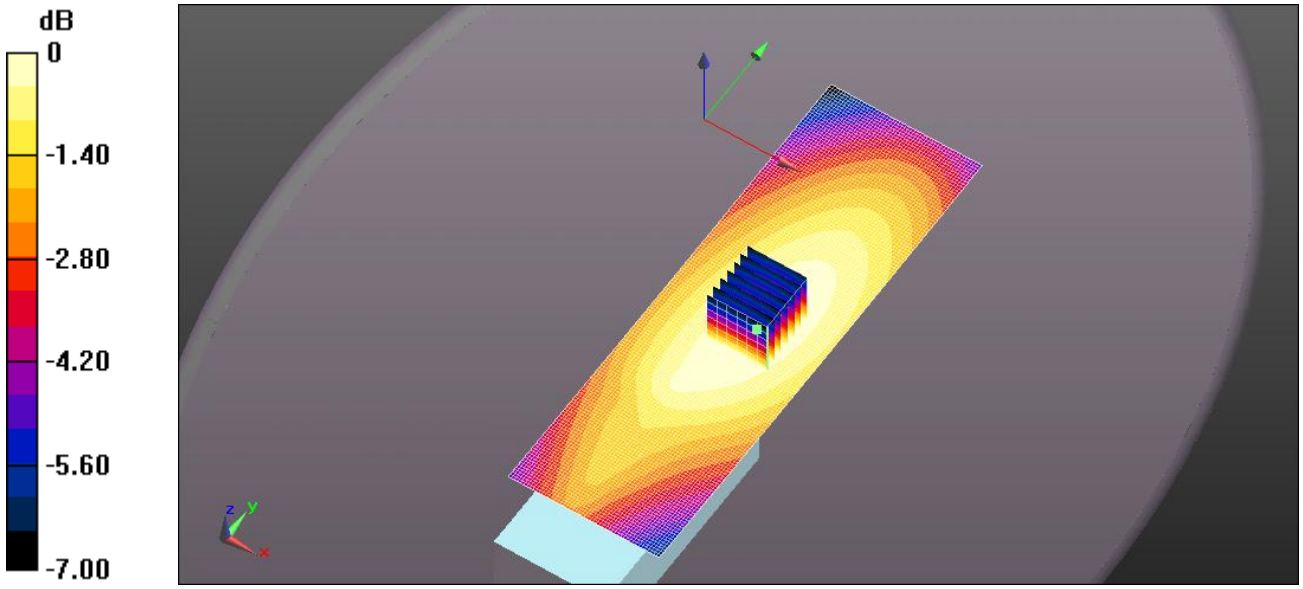
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.20 V/m; Power Drift = -0.67 dB
Peak SAR (extrapolated) = 0.782 W/kg
SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.398 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.596 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.610 W/kg



0 dB = 0.596 W/kg = -2.25 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC29V 160MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 160 MHz; Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.781 S/m; ε_r = 61.703; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

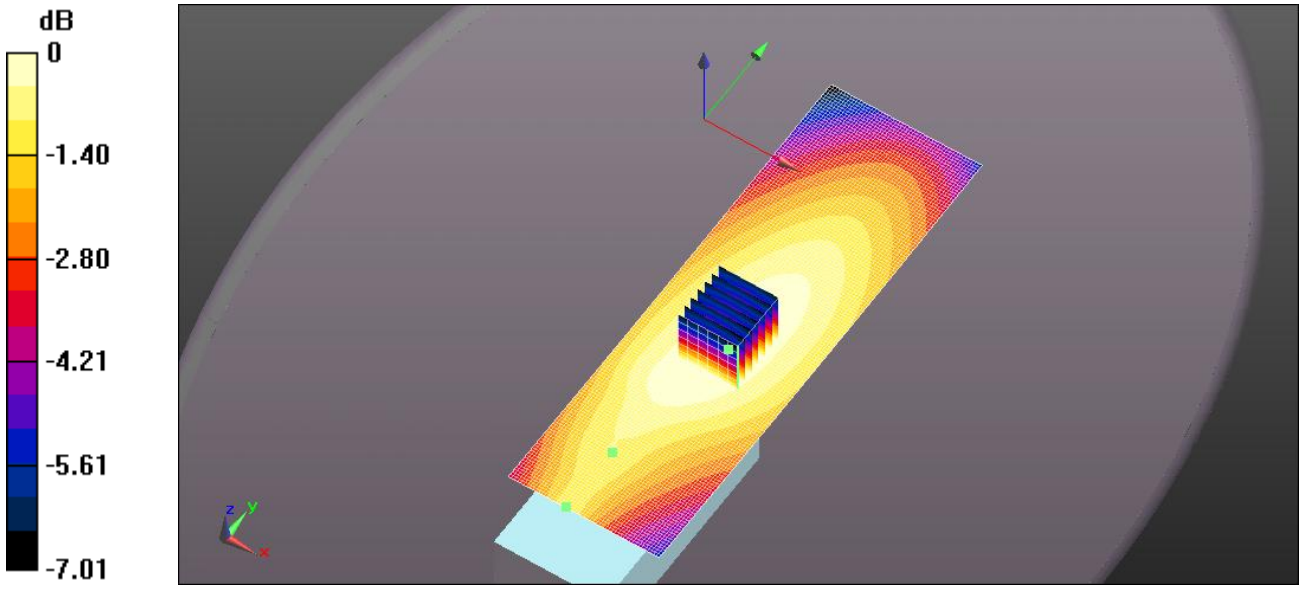
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.66 V/m; Power Drift = -0.65 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.54 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.58 W/kg



0 dB = 2.54 W/kg = 4.05 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC29V 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.788 S/m; ε_r = 61.489; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

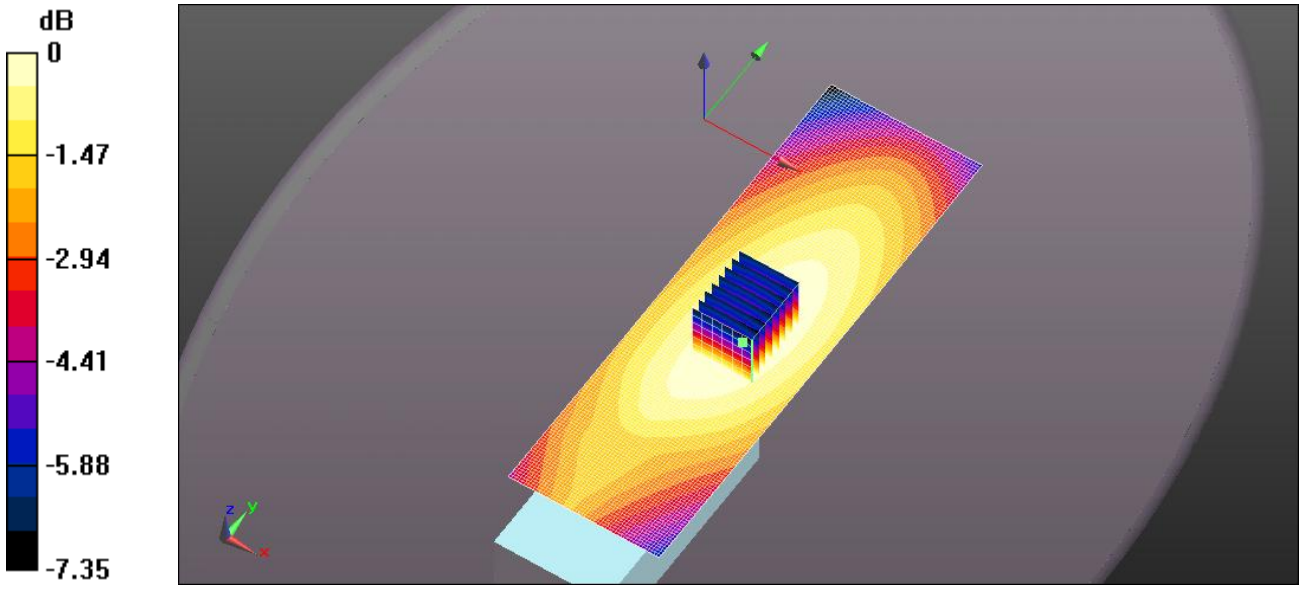
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.88 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.381 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.579 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.549 W/kg



0 dB = 0.579 W/kg = -2.38 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC27VS 145MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 145 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 145 MHz; σ = 0.774 S/m; ε_r = 61.842; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

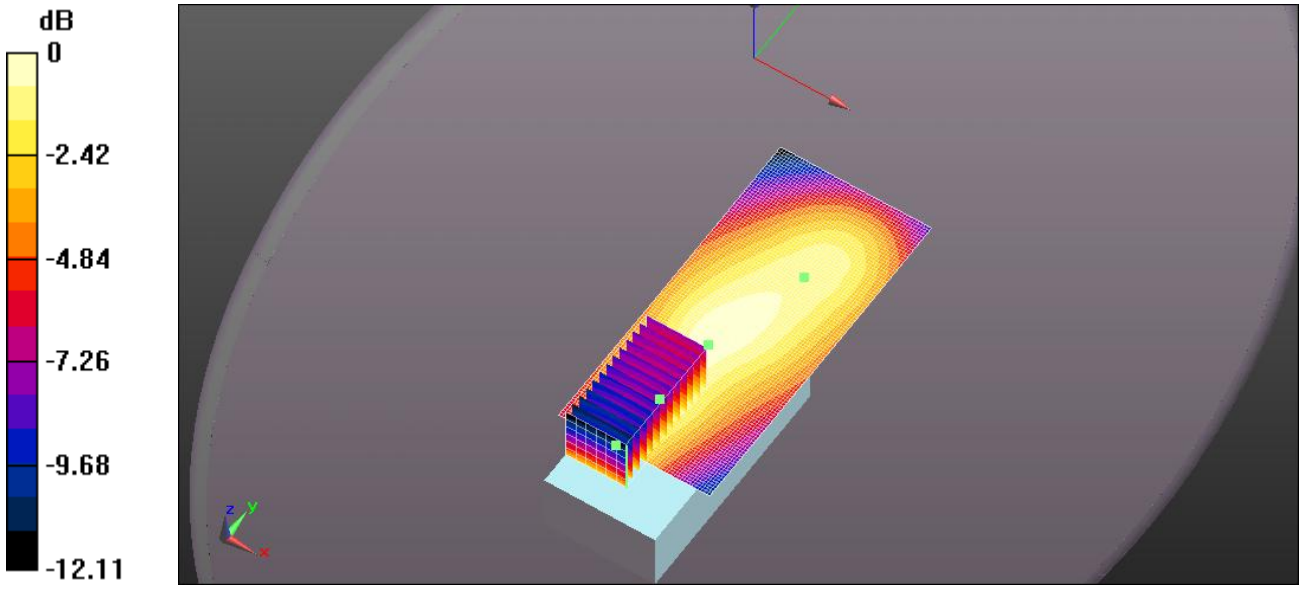
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x13x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 37.28 V/m; Power Drift = -0.65 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.588 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.04 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x111x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg



0 dB = 1.04 W/kg = 0.16 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC56VS 150MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 150 MHz; Duty Cycle: 1:1
Medium parameters used: f = 150 MHz; σ = 0.776 S/m; ε_r = 62.036; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

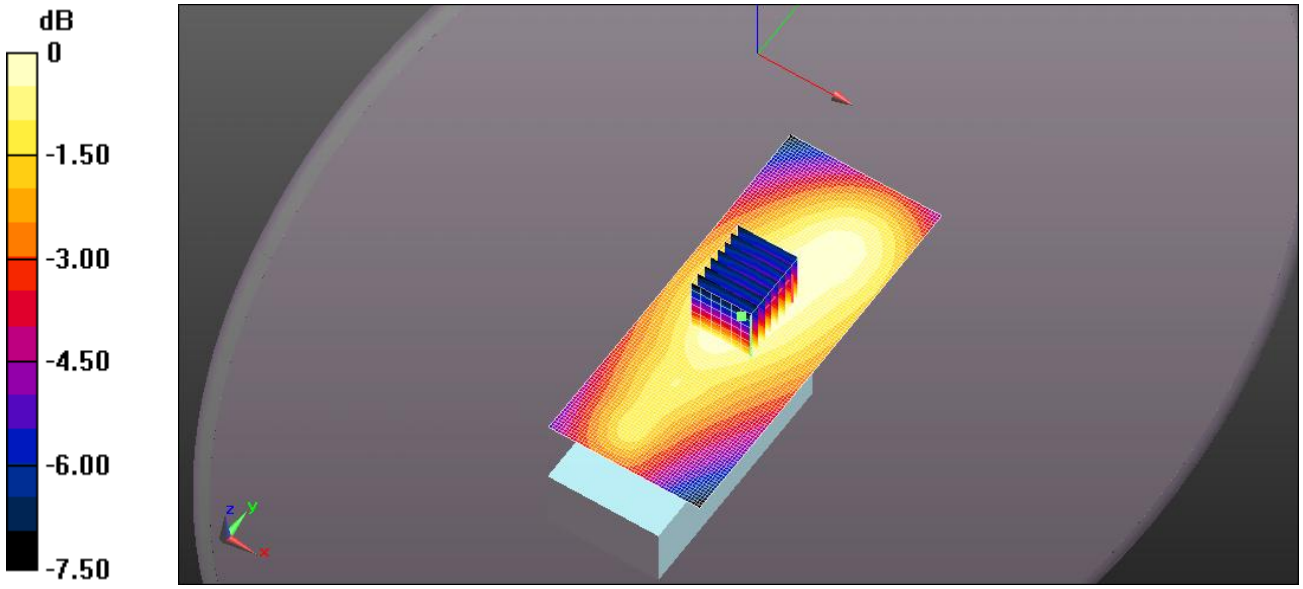
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.30 V/m; Power Drift = -1.17 dB
Peak SAR (extrapolated) = 0.687 W/kg
SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.323 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.485 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.493 W/kg



0 dB = 0.485 W/kg = -3.15 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC56VS 162MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 162 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.784 S/m; ε_r = 61.622; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

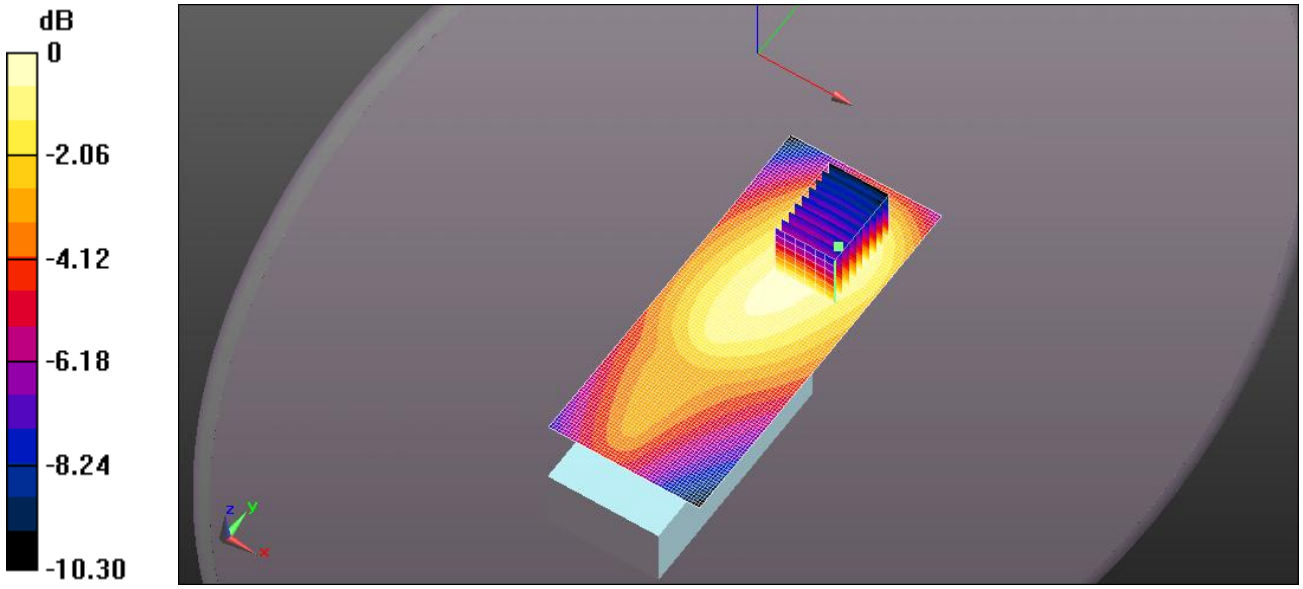
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x9x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.84 V/m; Power Drift = -1.01 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.060 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.101 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.104 W/kg



0 dB = 0.101 W/kg = -9.97 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC57VS 160MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 160 MHz; Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.781 S/m; ε_r = 61.703; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

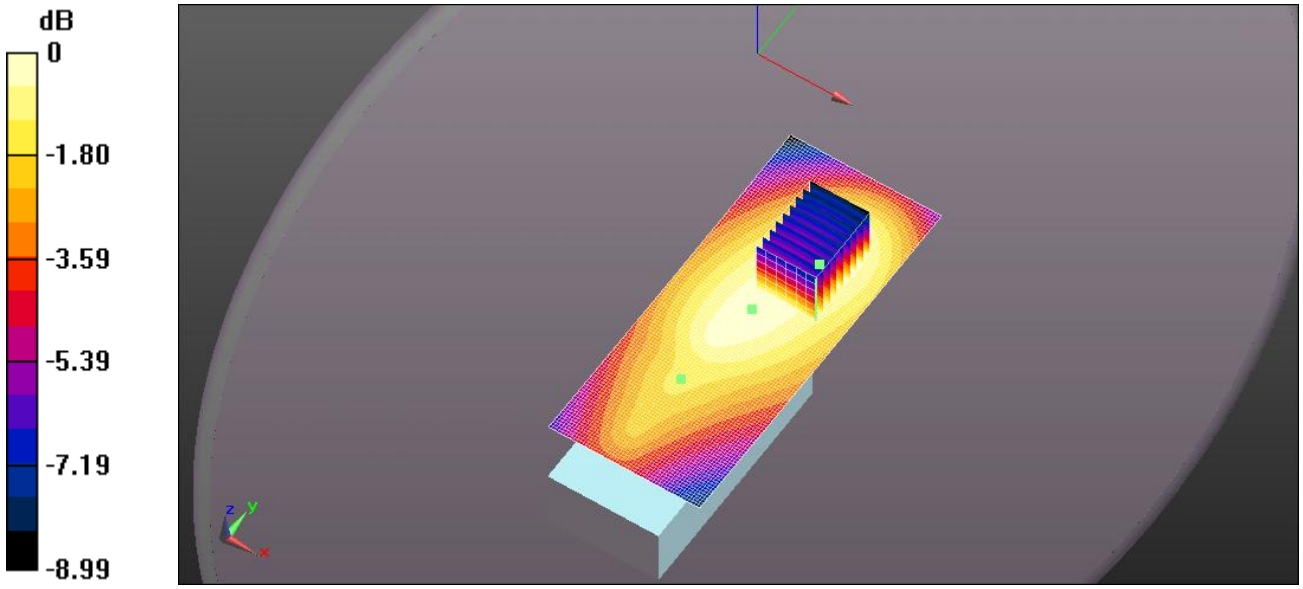
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x9x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.47 V/m; Power Drift = -1.21 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.532 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.848 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.866 W/kg



0 dB = 0.848 W/kg = -0.71 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC57VS 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.788 S/m; ε_r = 61.489; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

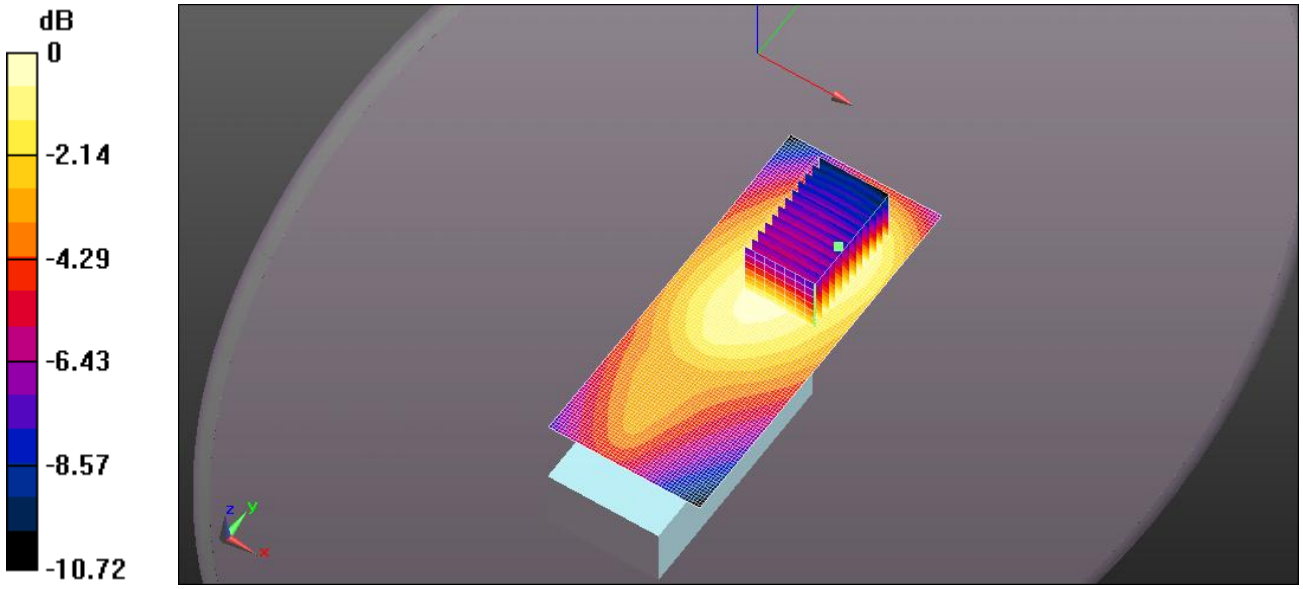
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x12x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.75 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0993 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0922 W/kg



0 dB = 0.0993 W/kg = -10.03 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC26VS 136MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.771 S/m; ε_r = 62.021; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

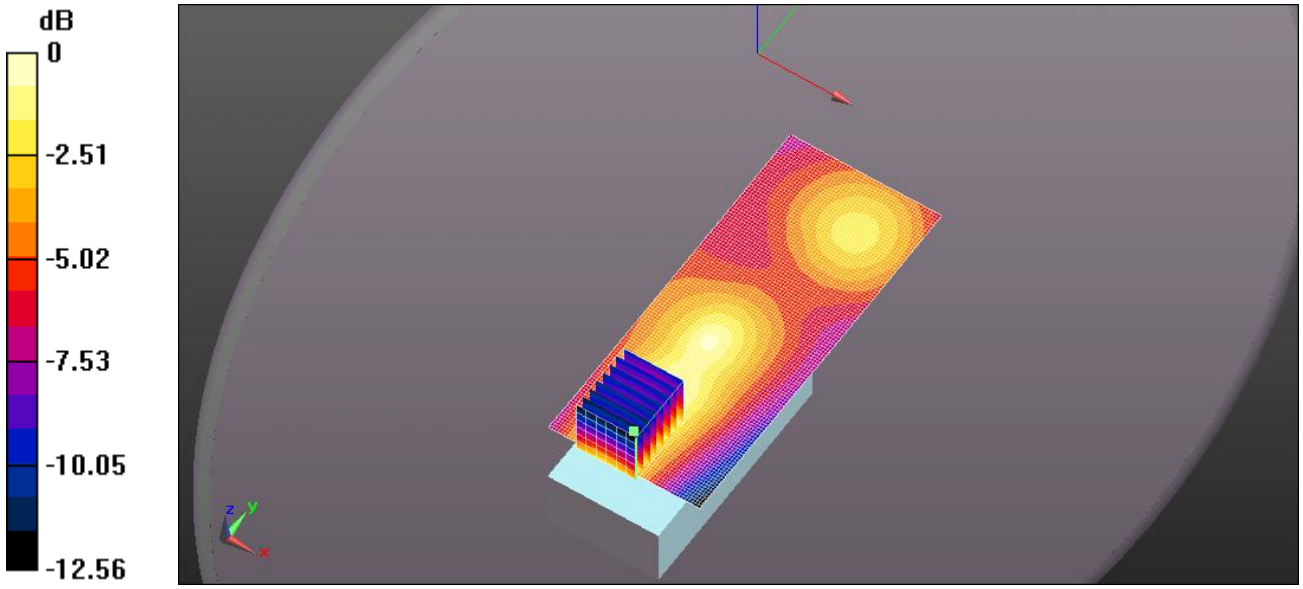
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.85 V/m; Power Drift = -0.80 dB
Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.139 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.284 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.263 W/kg



0 dB = 0.284 W/kg = -5.47 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC26VS 144MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 144 MHz; Duty Cycle: 1:1
Medium parameters used: f = 144 MHz; σ = 0.772 S/m; ε_r = 61.813; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

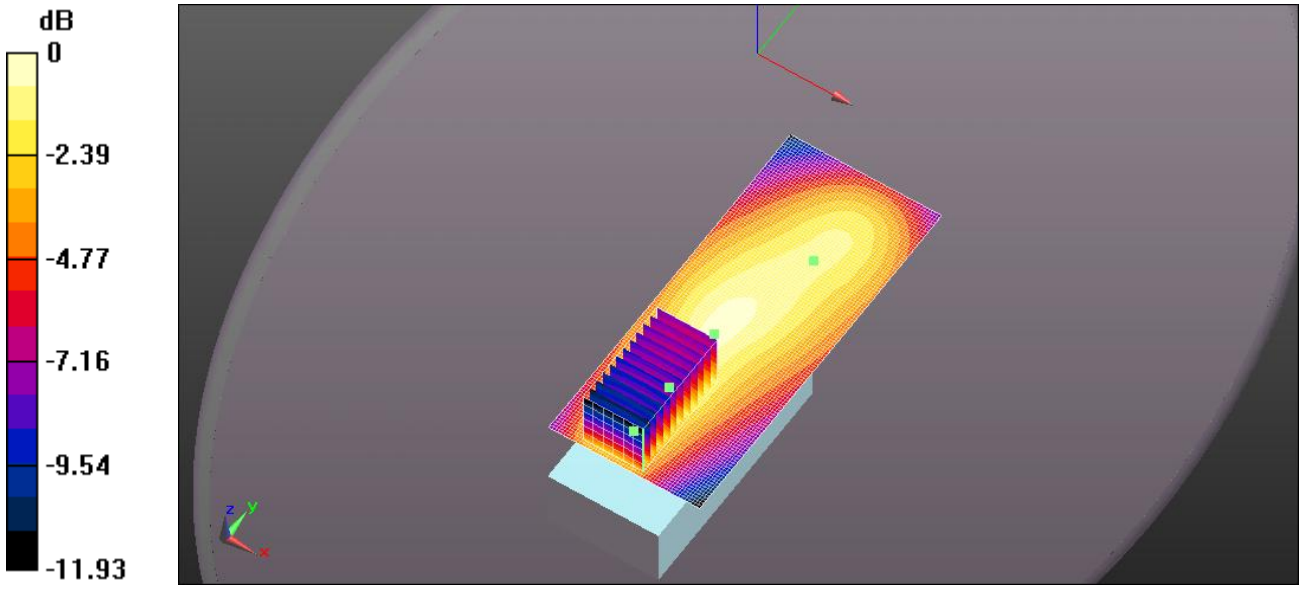
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x12x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.25 V/m; Power Drift = -1.10 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.427 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.780 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.853 W/kg



0 dB = 0.780 W/kg = -1.08 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC55V 150MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 150 MHz; Duty Cycle: 1:1
Medium parameters used: f = 150 MHz; σ = 0.776 S/m; ε_r = 62.036; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

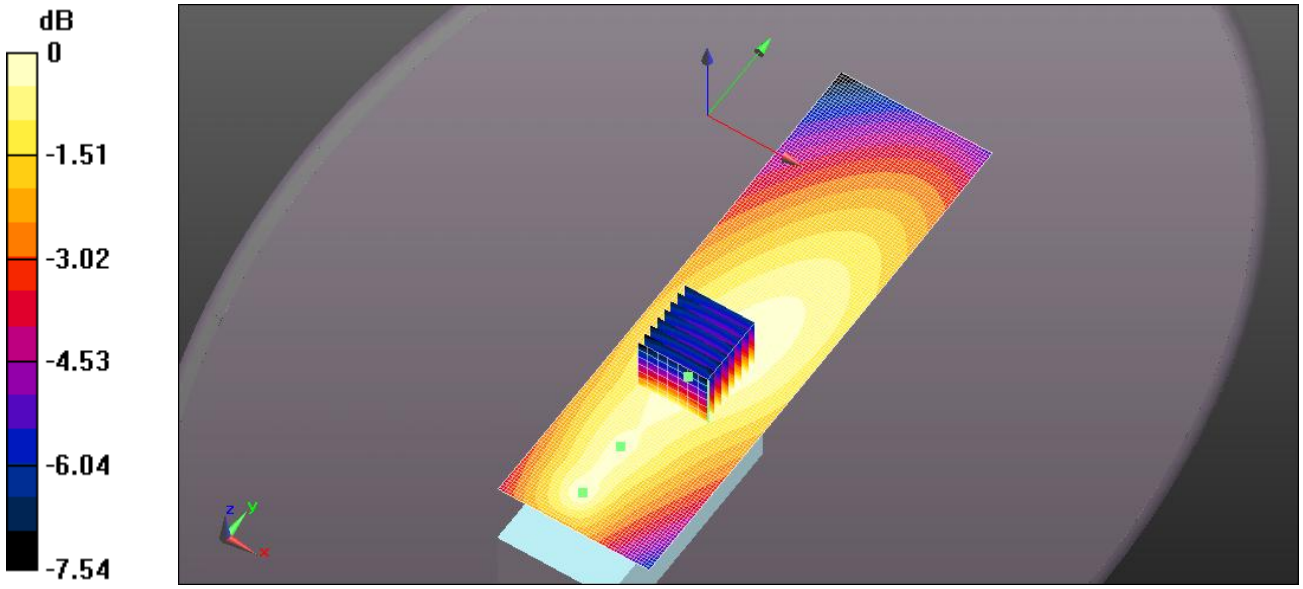
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.68 V/m; Power Drift = -0.44 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.08 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.18 W/kg



0 dB = 2.08 W/kg = 3.17 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC55V 162MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 162 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.784 S/m; ε_r = 61.622; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

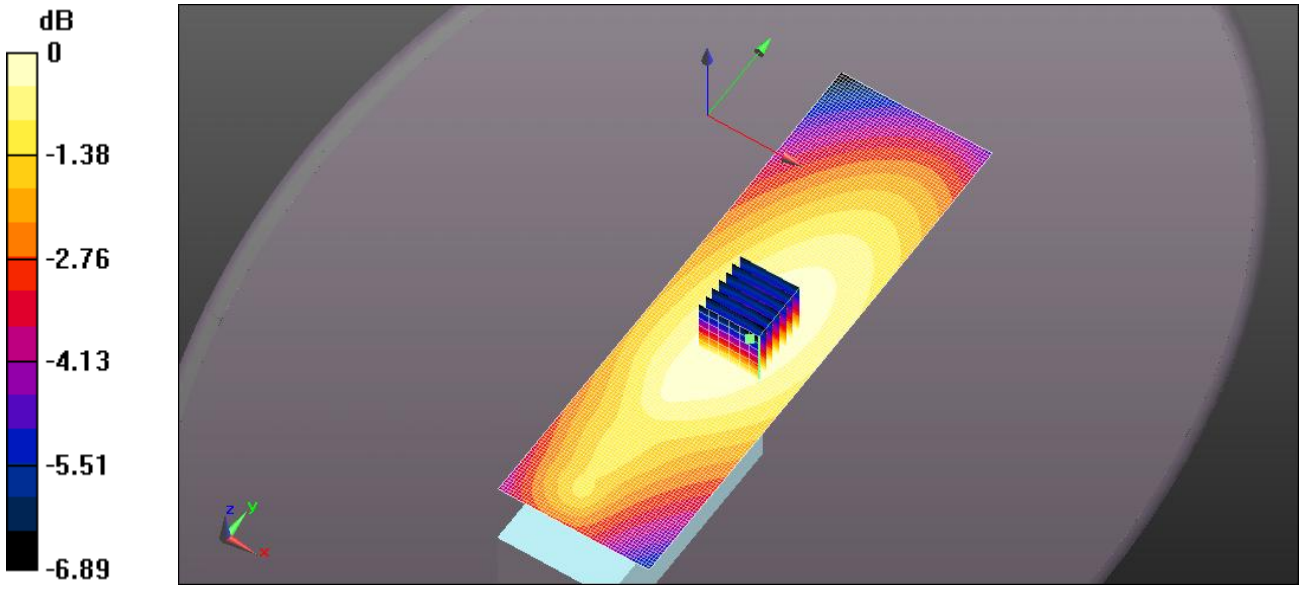
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.36 V/m; Power Drift = -1.23 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.37 W/kg; SAR(10 g) = 1.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.53 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.58 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC55V 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.788 S/m; ε_r = 61.489; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

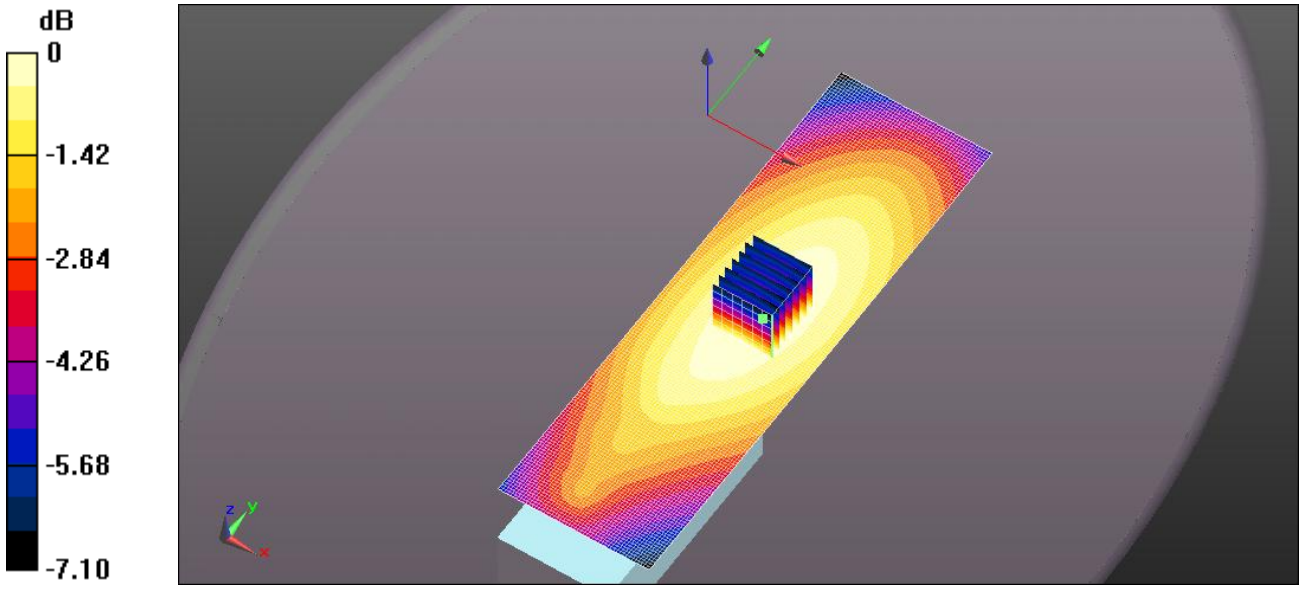
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.14 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.224 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.336 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.316 W/kg



0 dB = 0.336 W/kg = -4.73 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 174MM 136MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.771 S/m; ε_r = 62.021; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

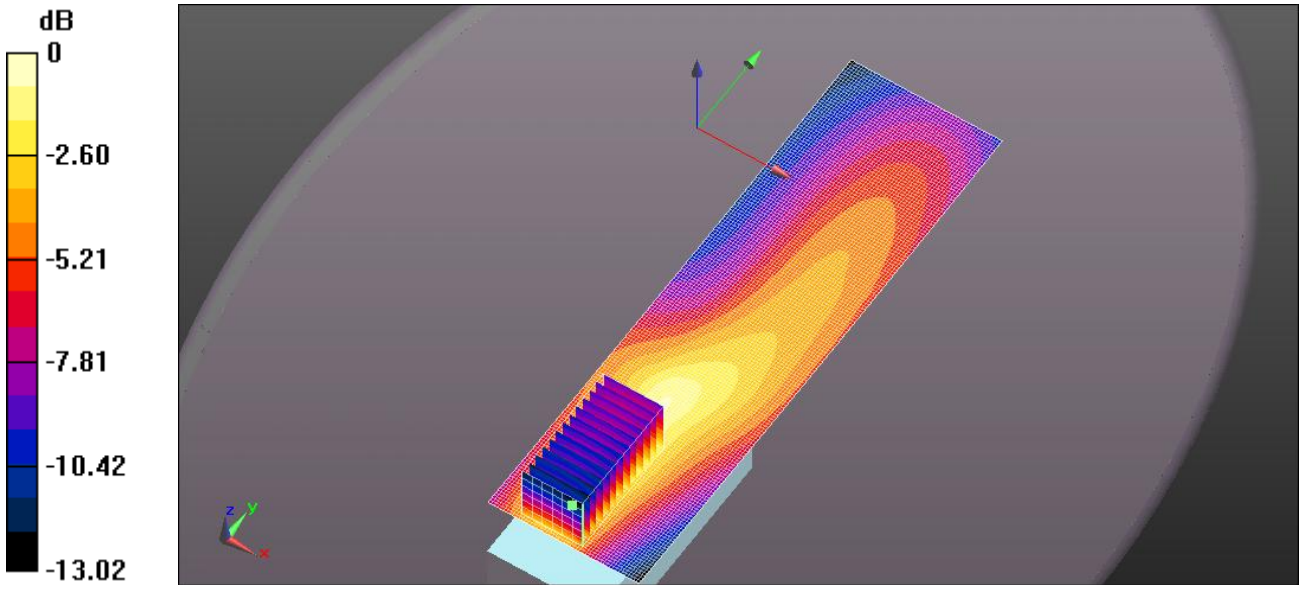
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x13x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.72 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.090 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.174 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.175 W/kg



0 dB = 0.174 W/kg = -7.60 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 174MM 148.7MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

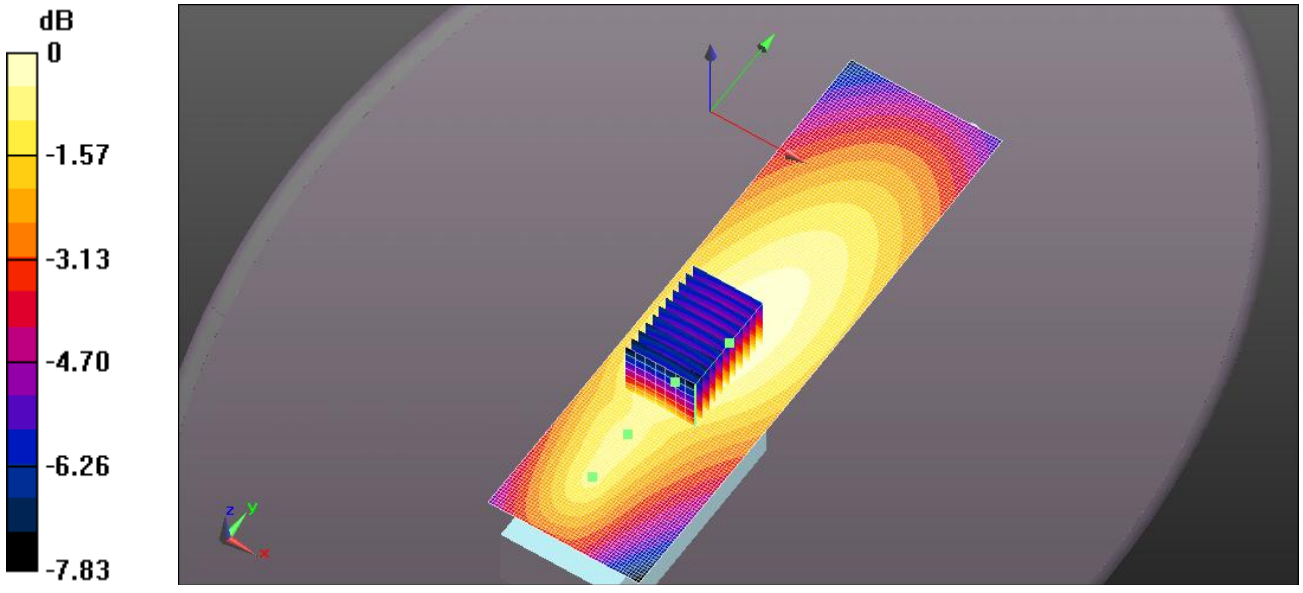
Communication System: UID 10000, CW; Frequency: 148.7 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 148.7 MHz; σ = 0.776 S/m; ε_r = 61.816; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 37.80 V/m; Power Drift = -0.73 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.651 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.981 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 174MM 161.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.784 S/m; ε_r = 61.622; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

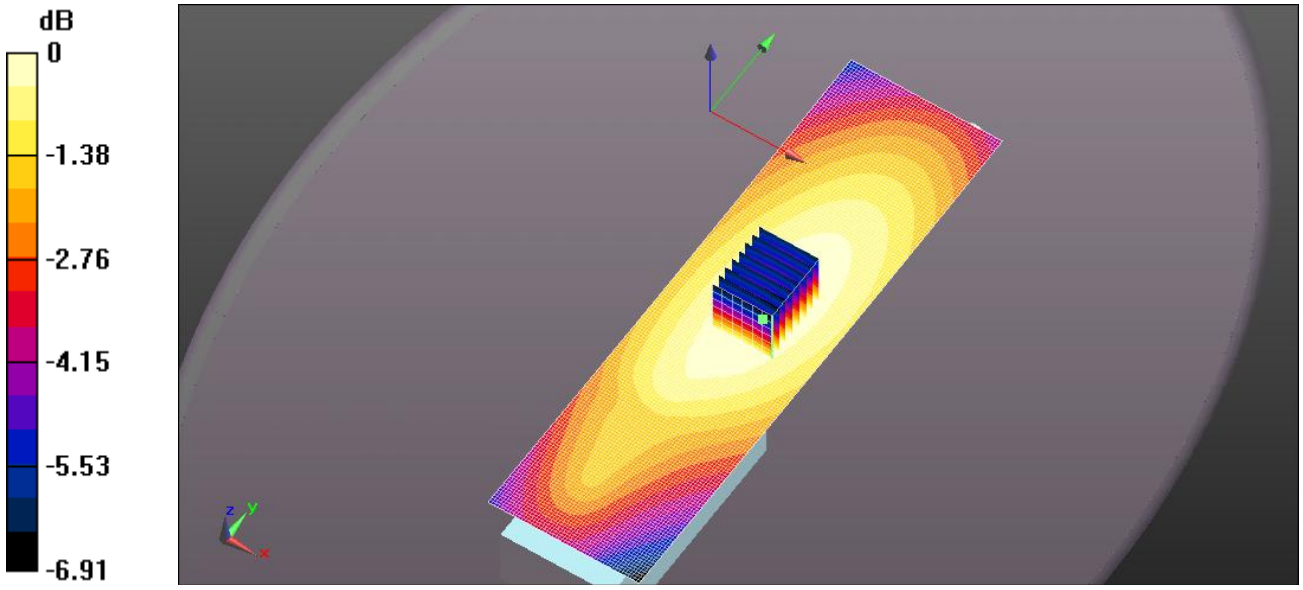
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.36 V/m; Power Drift = -0.91 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.206 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.306 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.315 W/kg



0 dB = 0.306 W/kg = -5.14 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 174MM 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.788 S/m; ε_r = 61.489; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

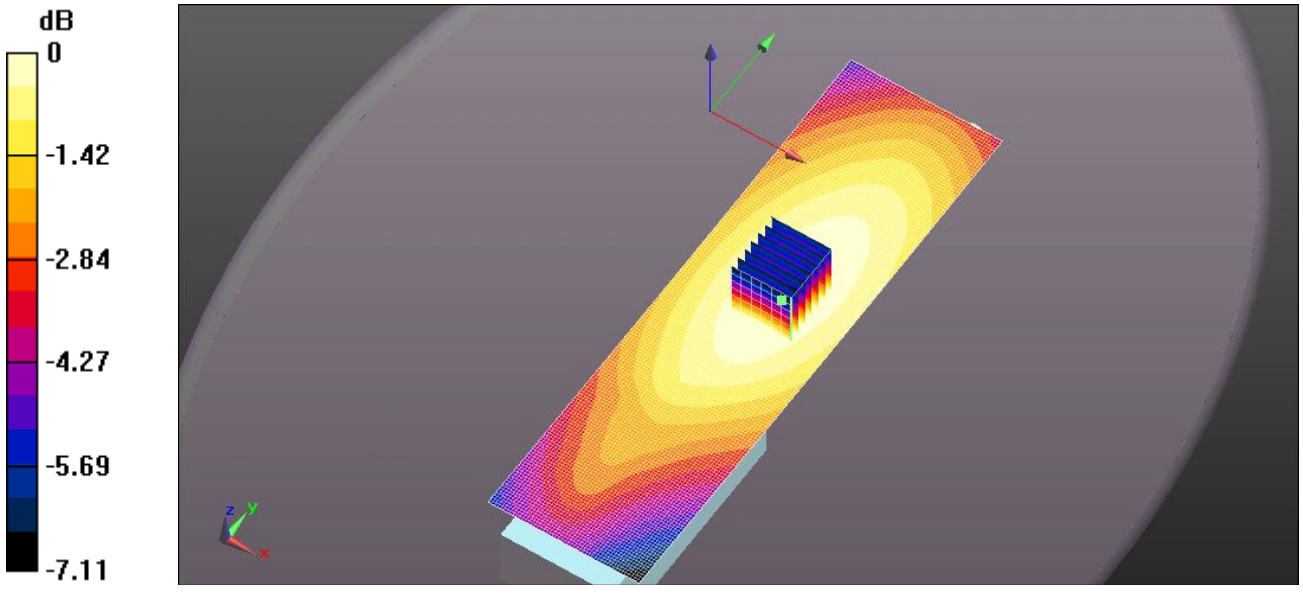
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.276 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.058 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0858 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0799 W/kg



0 dB = 0.0858 W/kg = -10.67 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 169MM 140MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 140 MHz; Duty Cycle: 1:1
Medium parameters used: f = 140 MHz; σ = 0.771 S/m; ε_r = 61.984; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

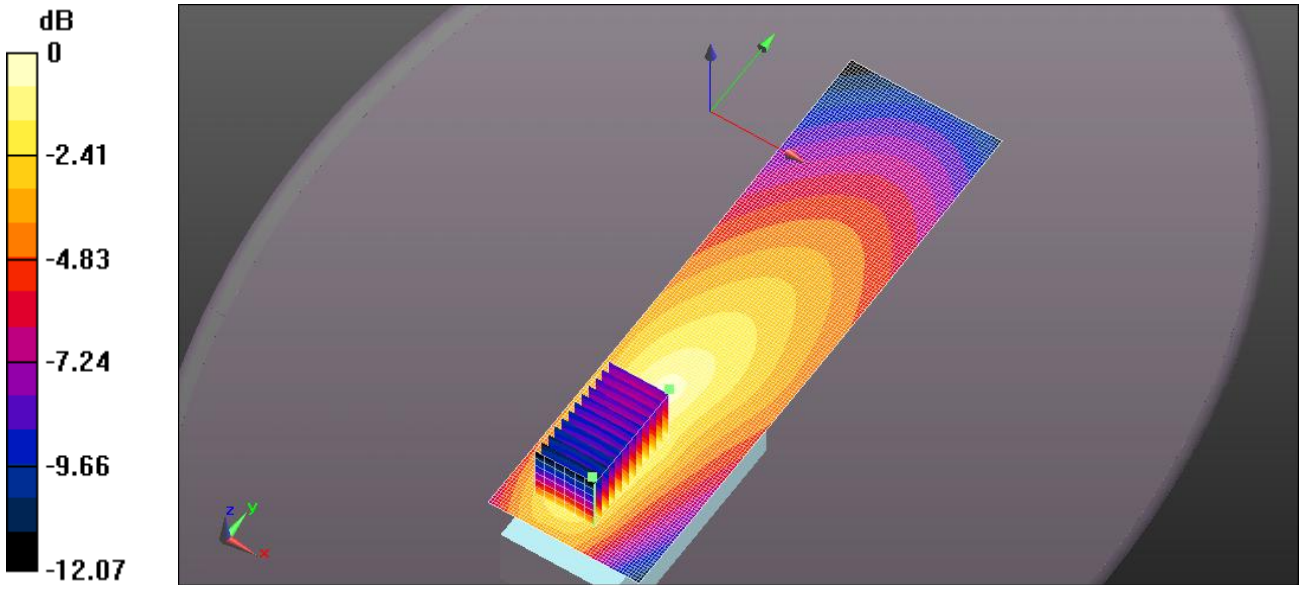
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x12x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.31 V/m; Power Drift = -0.59 dB
Peak SAR (extrapolated) = 2.67 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.679 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.28 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg



0 dB = 1.28 W/kg = 1.08 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 169MM 155MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.779 S/m; ε_r = 61.703; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

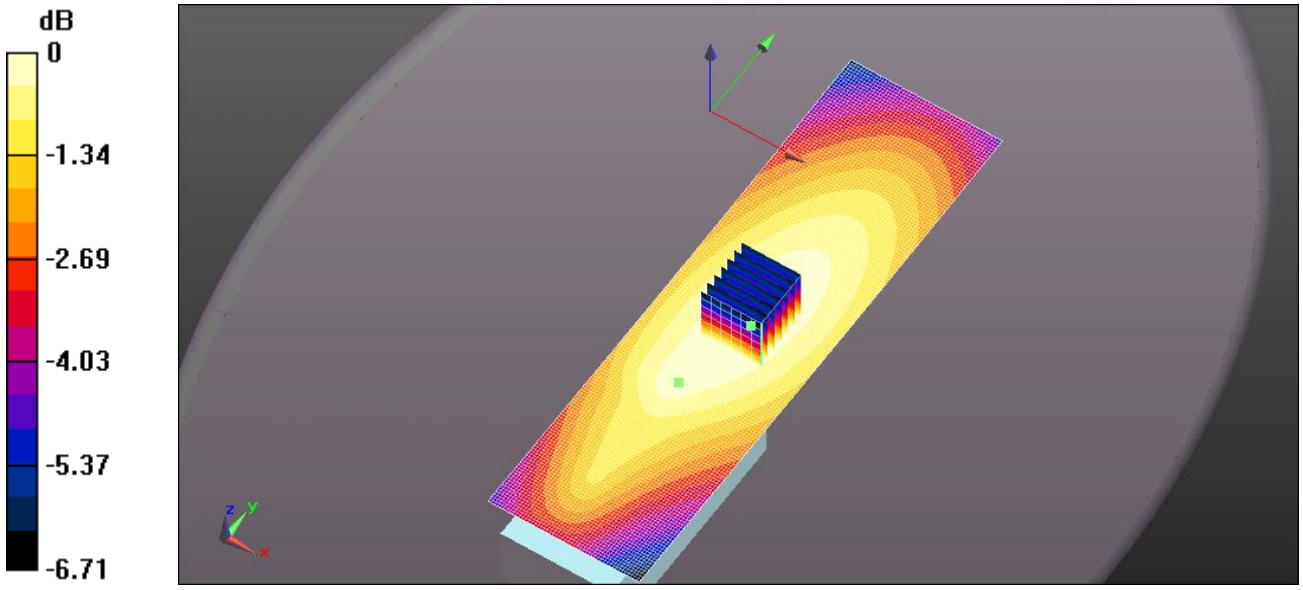
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.71 V/m; Power Drift = -0.64 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.375 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.551 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.566 W/kg



0 dB = 0.551 W/kg = -2.58 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 169MM 167.7MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 167.7 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.824 S/m; ε_r = 60.257; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

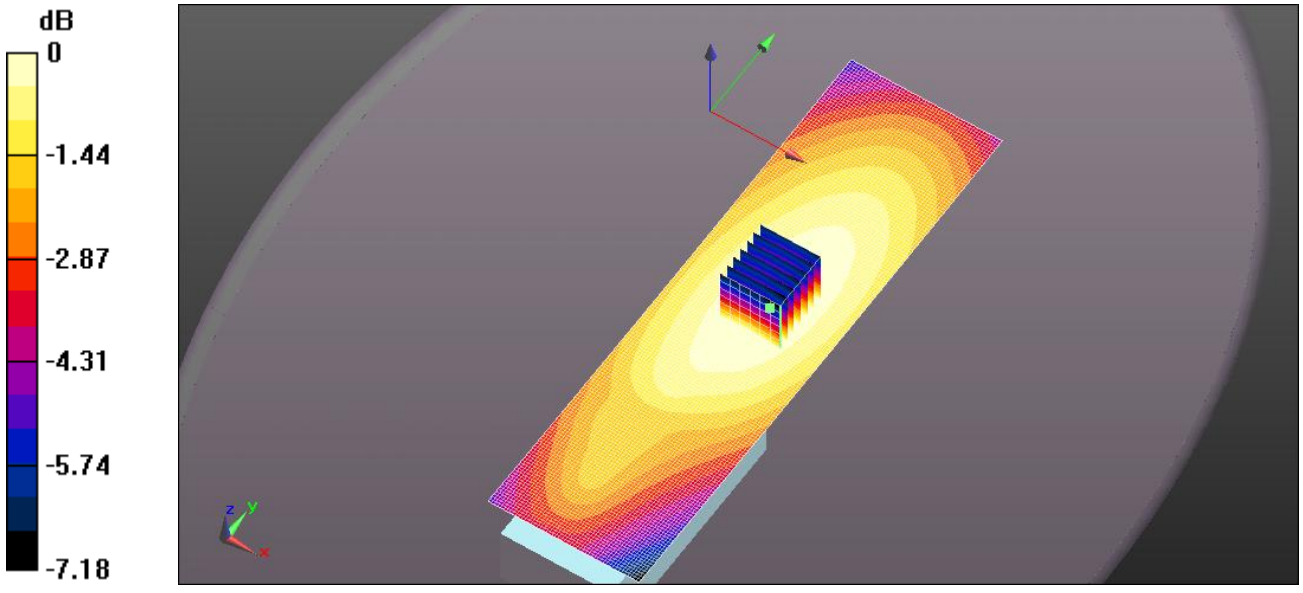
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.89 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.109 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.162 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.158 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 163MM 145MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 145 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 145 MHz; σ = 0.813 S/m; ε_r = 60.903; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

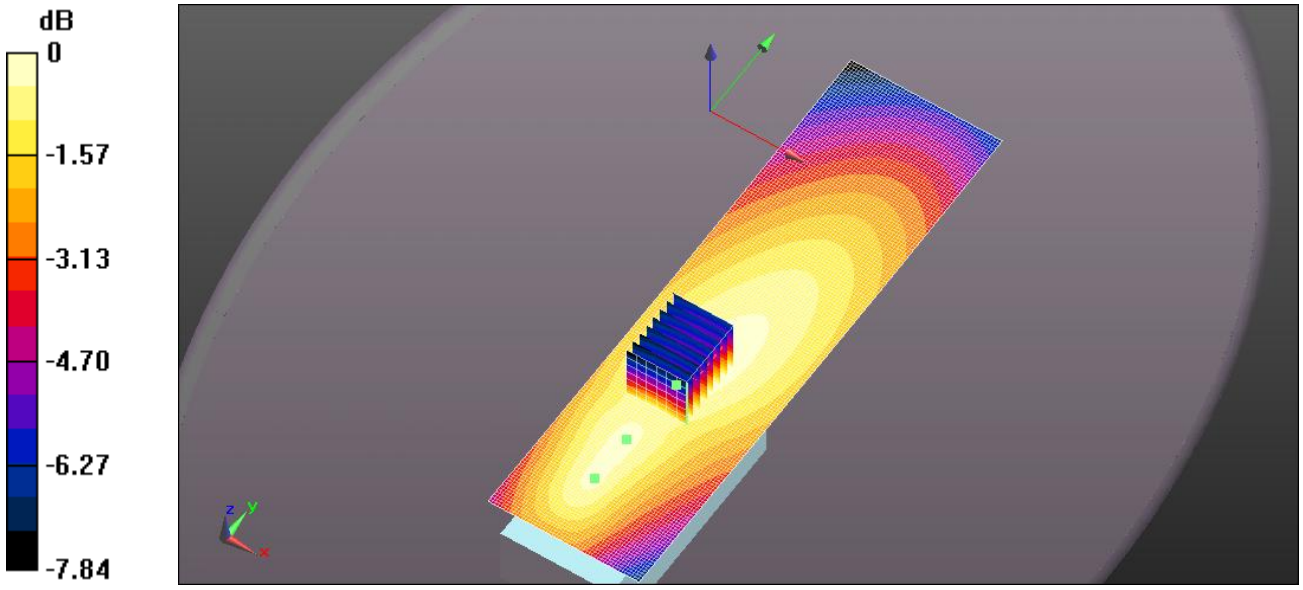
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.34 V/m; Power Drift = -1.00 dB
Peak SAR (extrapolated) = 2.70 W/kg
SAR(1 g) = 1.62 W/kg; SAR(10 g) = 1.17 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.85 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.95 W/kg



0 dB = 1.85 W/kg = 2.66 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 163MM 136MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.808 S/m; ε_r = 61.01; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

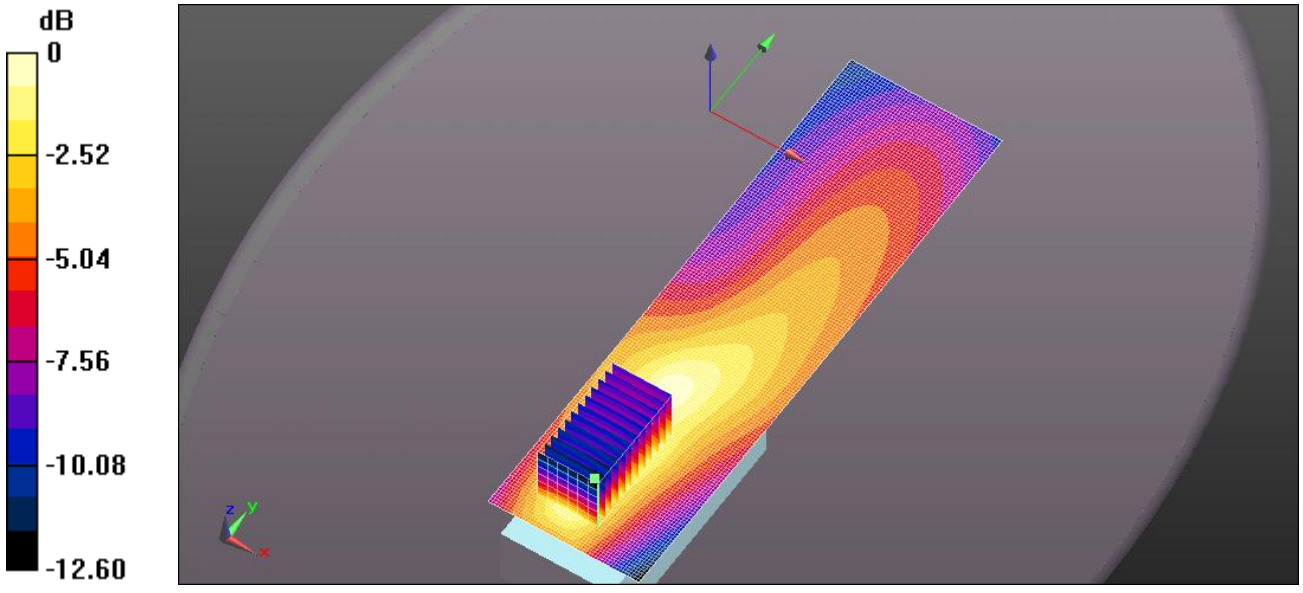
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x12x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.47 V/m; Power Drift = -0.61 dB
Peak SAR (extrapolated) = 0.627 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.148 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.295 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.267 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 163MM 161.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.821 S/m; ε_r = 60.418; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

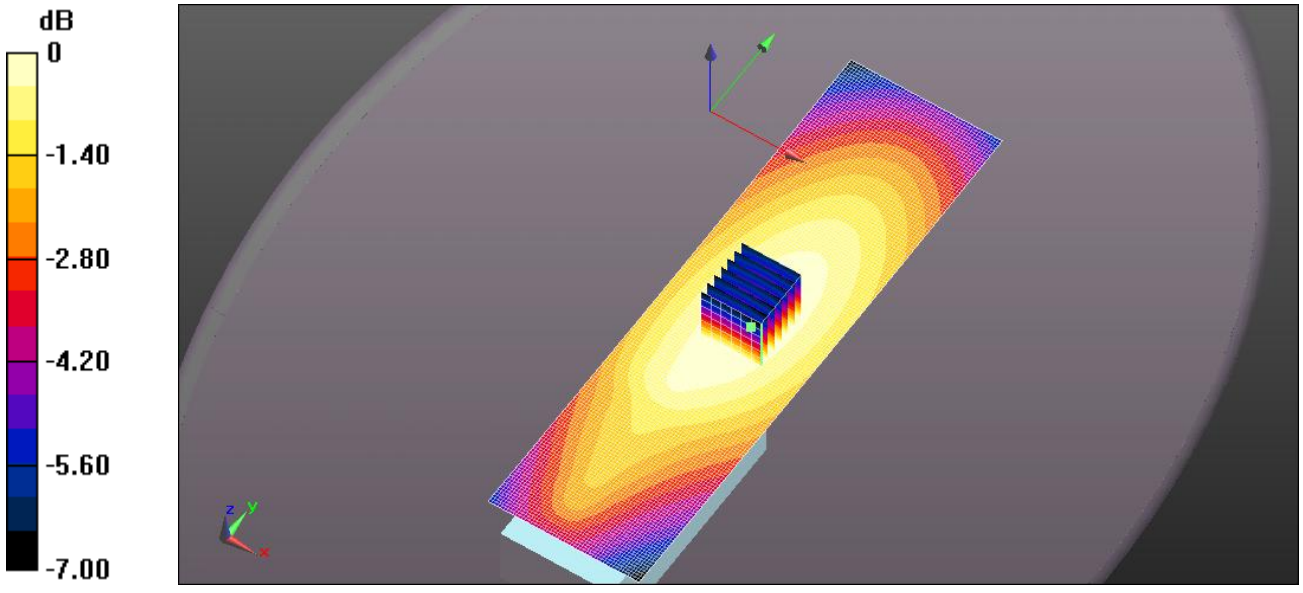
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.49 V/m; Power Drift = -0.75 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.382 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.571 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.585 W/kg



0 dB = 0.571 W/kg = -2.44 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 163MM 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.829 S/m; ε_r = 60.081; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

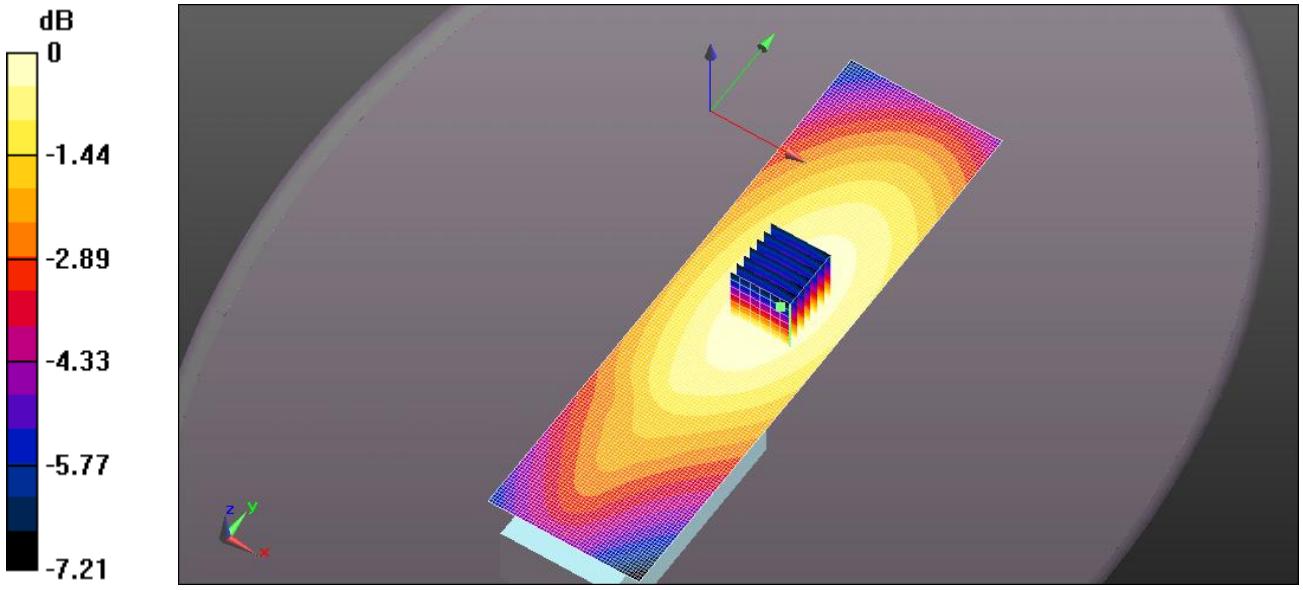
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.76 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.088 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.133 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x181x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.124 W/kg



0 dB = 0.133 W/kg = -8.77 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 157MM 150MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

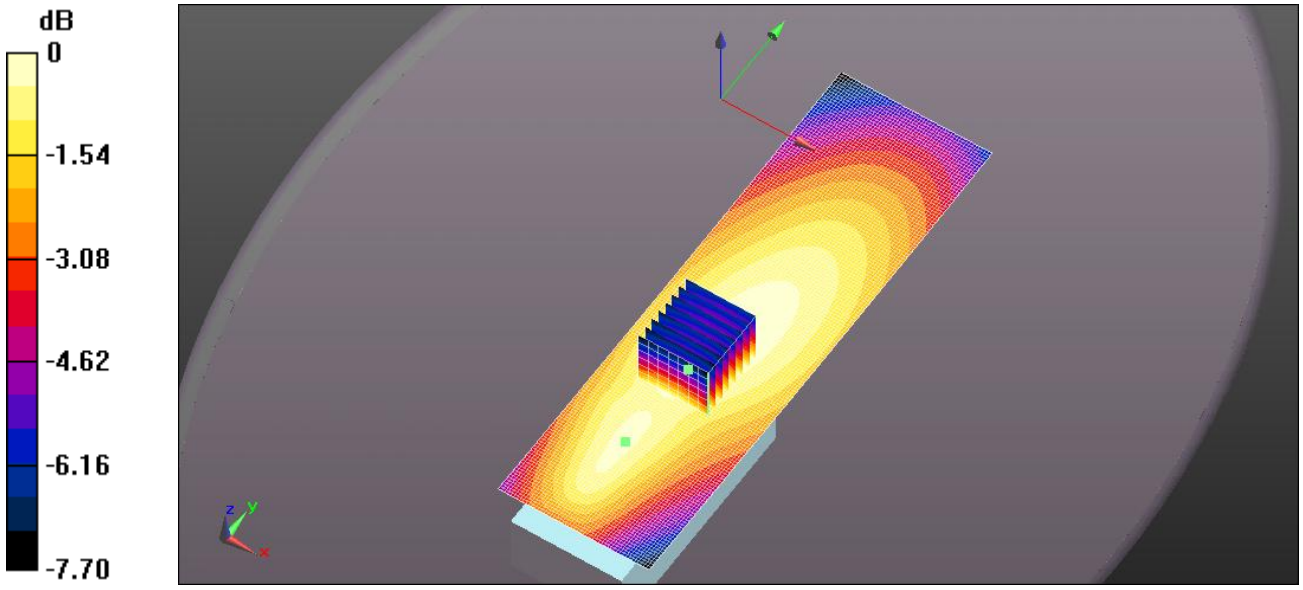
Communication System: UID 10000, CW; Frequency: 150 MHz; Duty Cycle: 1:1
Medium parameters used: f = 150 MHz; σ = 0.815 S/m; ε_r = 60.781; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.66 V/m; Power Drift = -0.98 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 1.79 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.05 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.17 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 157MM 136MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.808 S/m; ε_r = 61.01; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

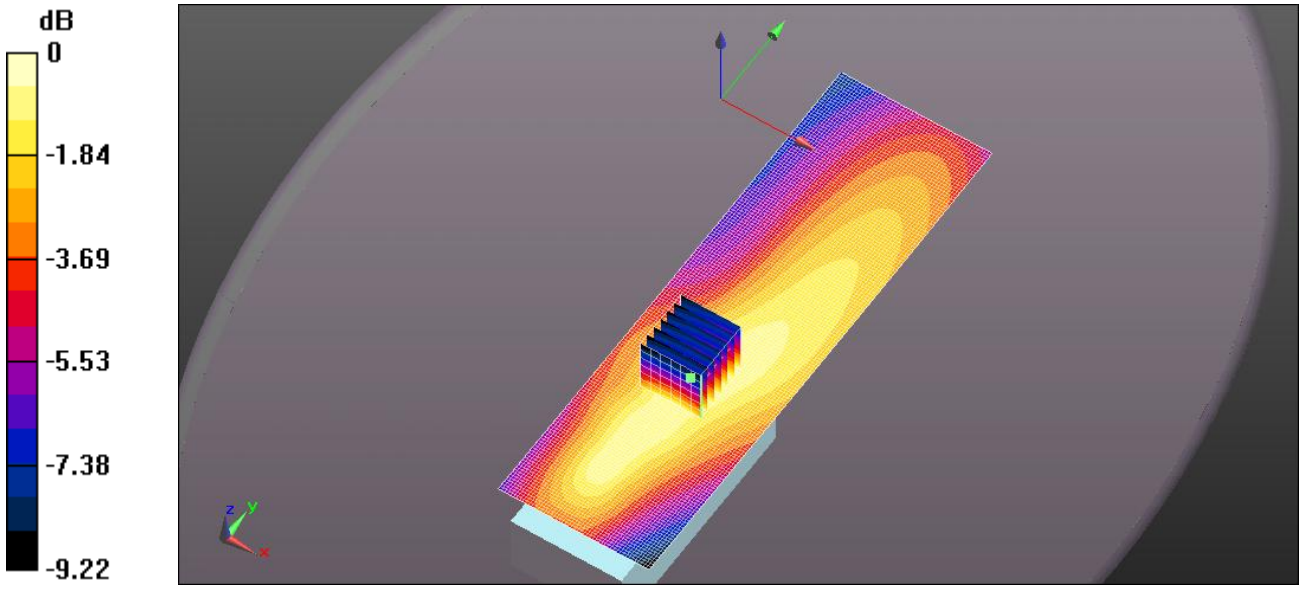
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.79 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.204 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.360 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.368 W/kg



0 dB = 0.360 W/kg = -4.43 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 157MM 161.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.821 S/m; ε_r = 60.418; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

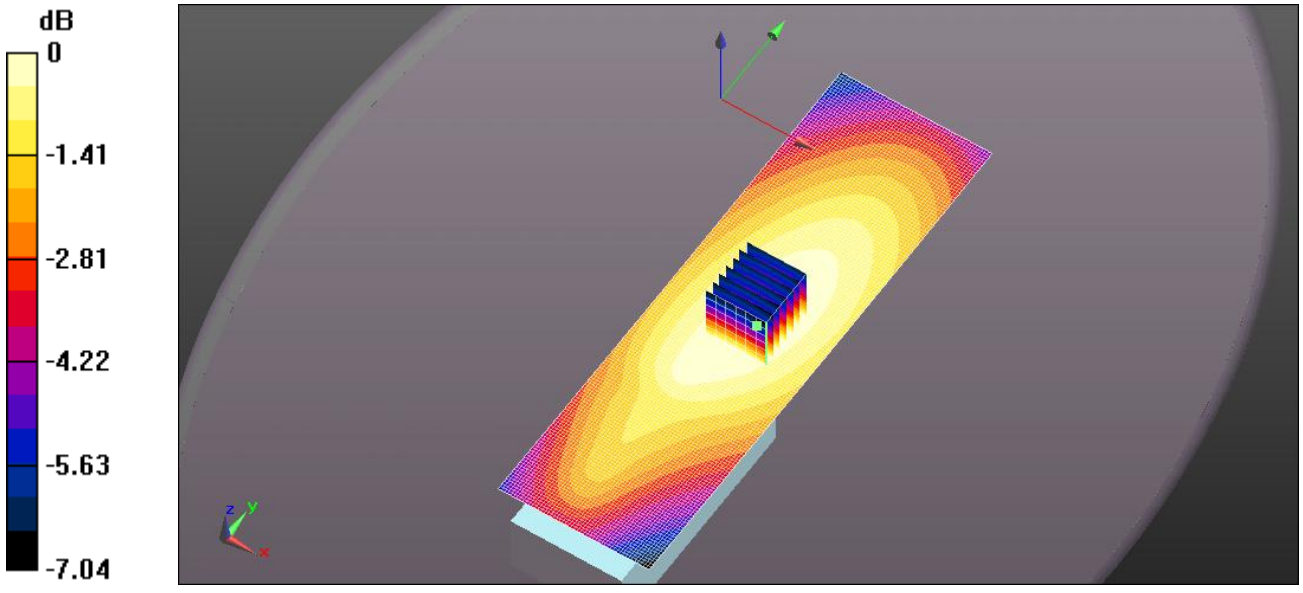
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.00 V/m; Power Drift = -0.73 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.606 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.907 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.928 W/kg



0 dB = 0.907 W/kg = -0.42 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 157MM 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.829 S/m; ε_r = 60.081; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

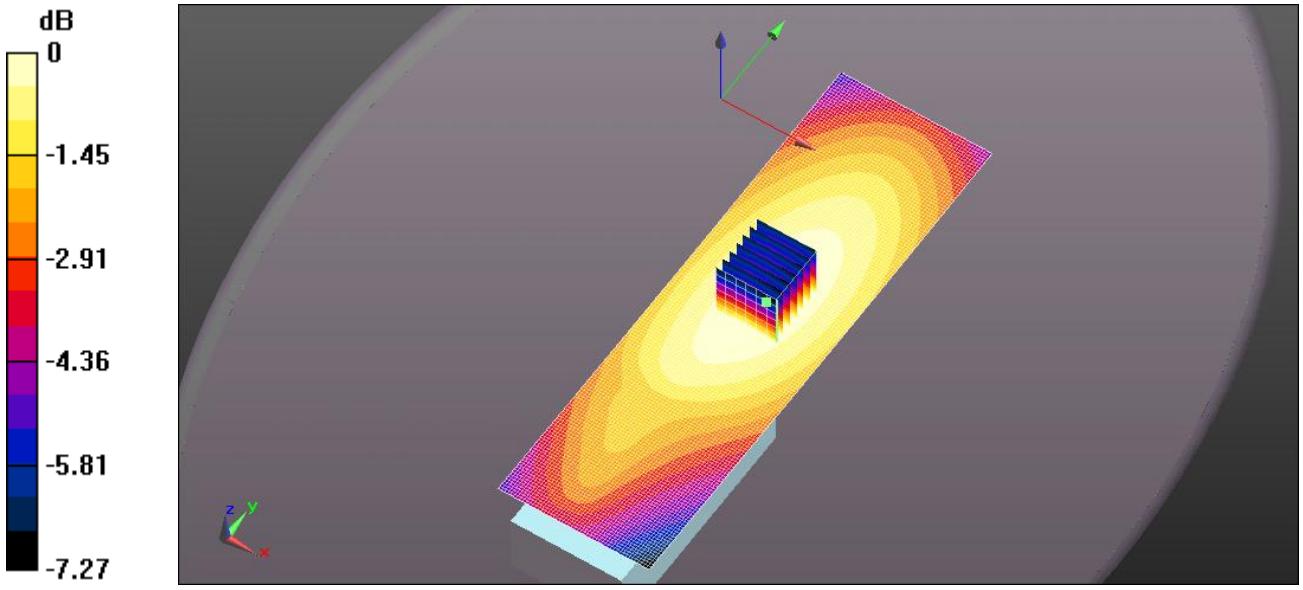
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.54 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.136 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.205 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.194 W/kg



0 dB = 0.205 W/kg = -6.88 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 151MM 155MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.819 S/m; ε_r = 60.531; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

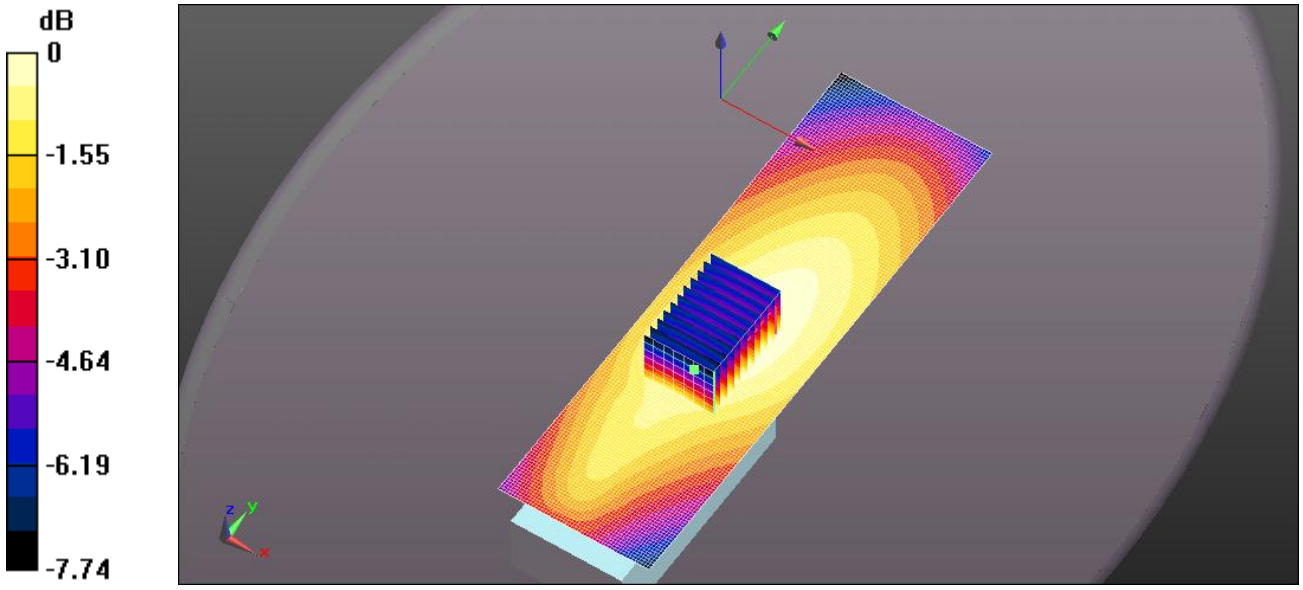
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x11x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.63 V/m; Power Drift = -0.52 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.52 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.55 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 151MM 142.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.812 S/m; ε_r = 61.021; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

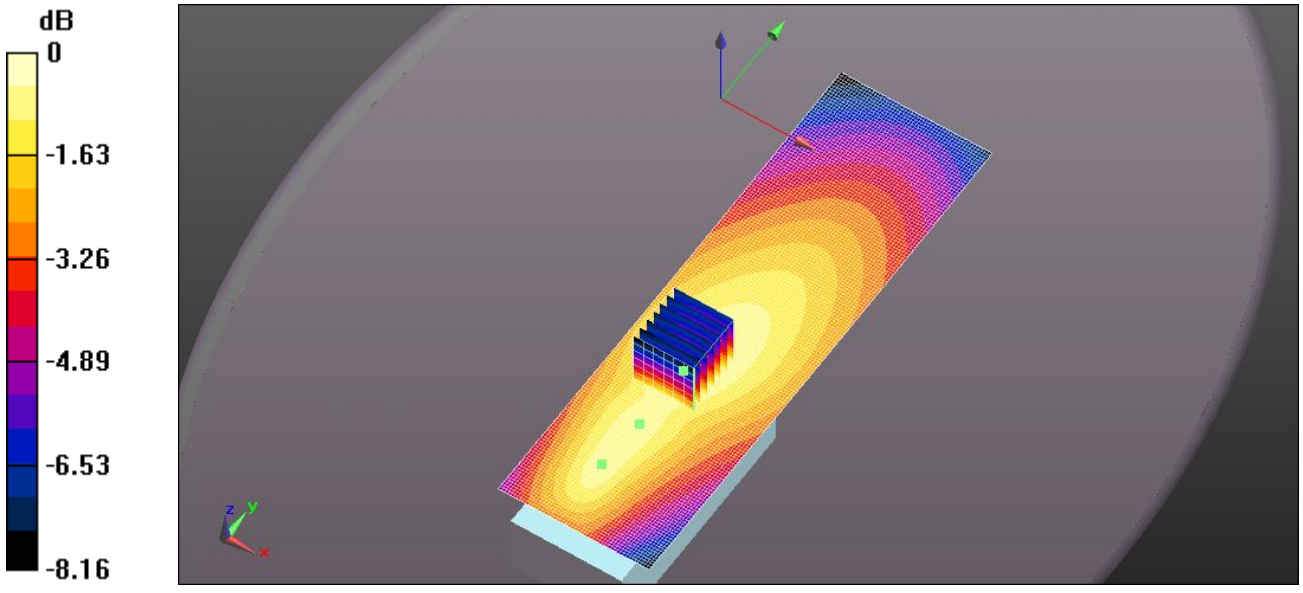
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.69 V/m; Power Drift = -1.05 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.404 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.670 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.683 W/kg



0 dB = 0.670 W/kg = -1.74 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 151MM 167.7MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 167.7 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.824 S/m; ε_r = 60.257; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

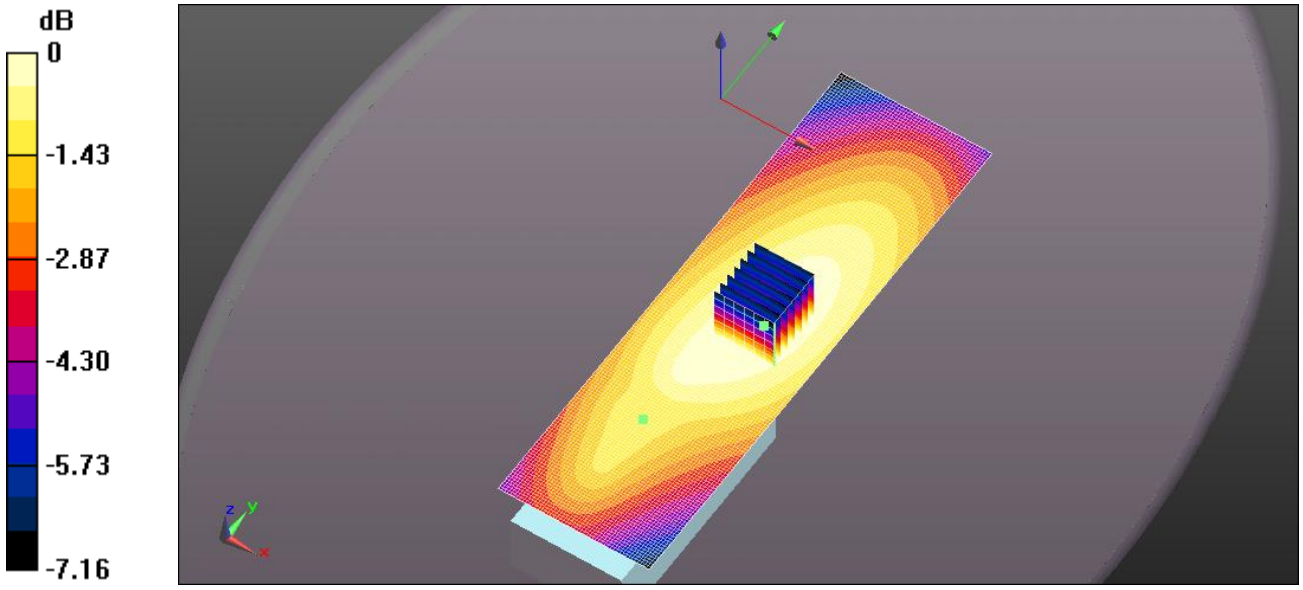
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.91 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 2.79 W/kg
SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.13 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.18 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 146MM 160MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 160 MHz; Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.82 S/m; ε_r = 60.389; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

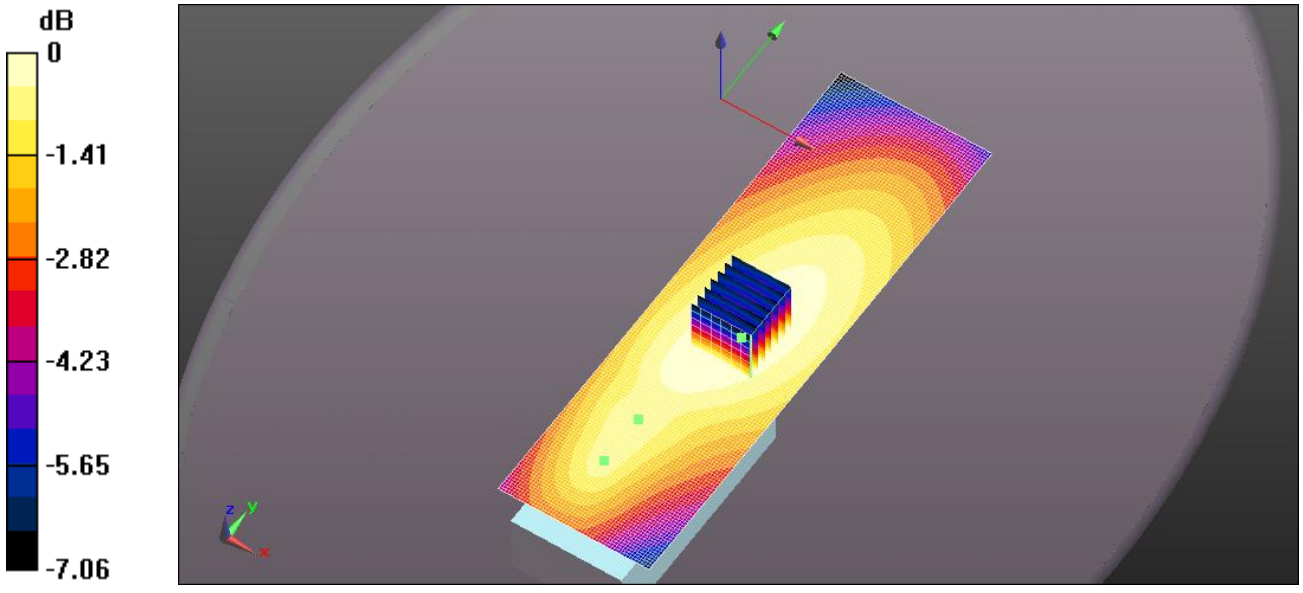
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.82 V/m; Power Drift = -0.81 dB
Peak SAR (extrapolated) = 2.84 W/kg
SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.44 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.17 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.21 W/kg



0 dB = 2.17 W/kg = 3.37 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 146MM 136MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.808 S/m; ε_r = 61.01; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

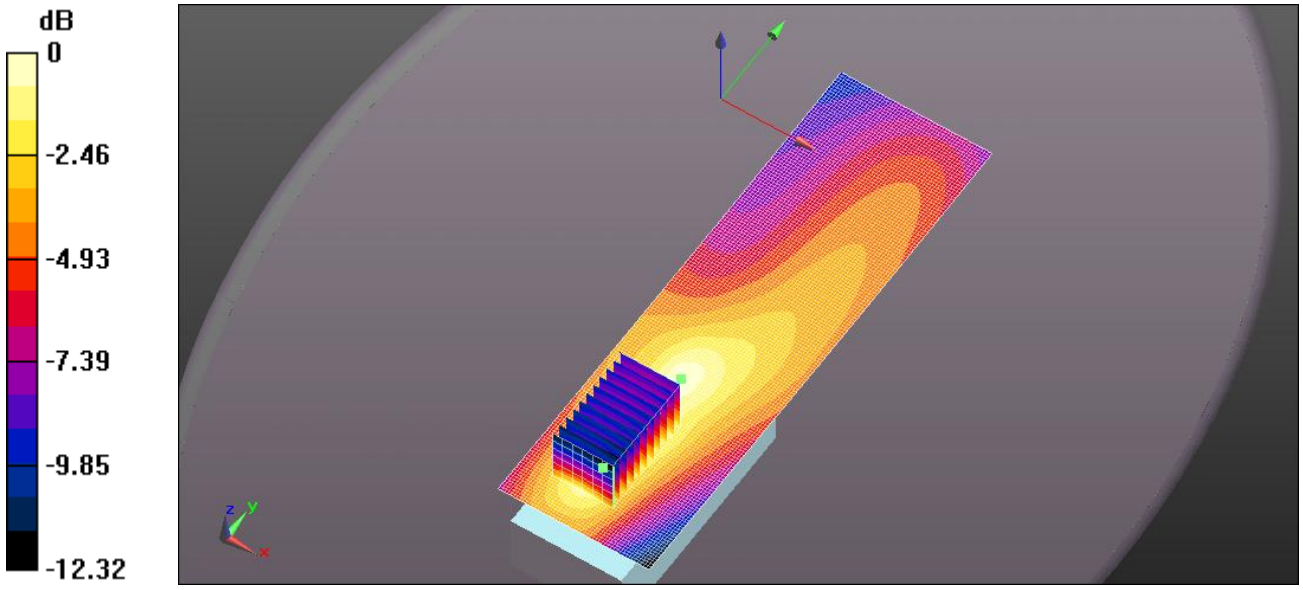
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x11x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.28 V/m; Power Drift = -0.98 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.307 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.606 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.577 W/kg



0 dB = 0.606 W/kg = -2.18 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 146MM 148.7MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 148.7 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 148.7 MHz; σ = 0.814 S/m; ε_r = 60.723; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

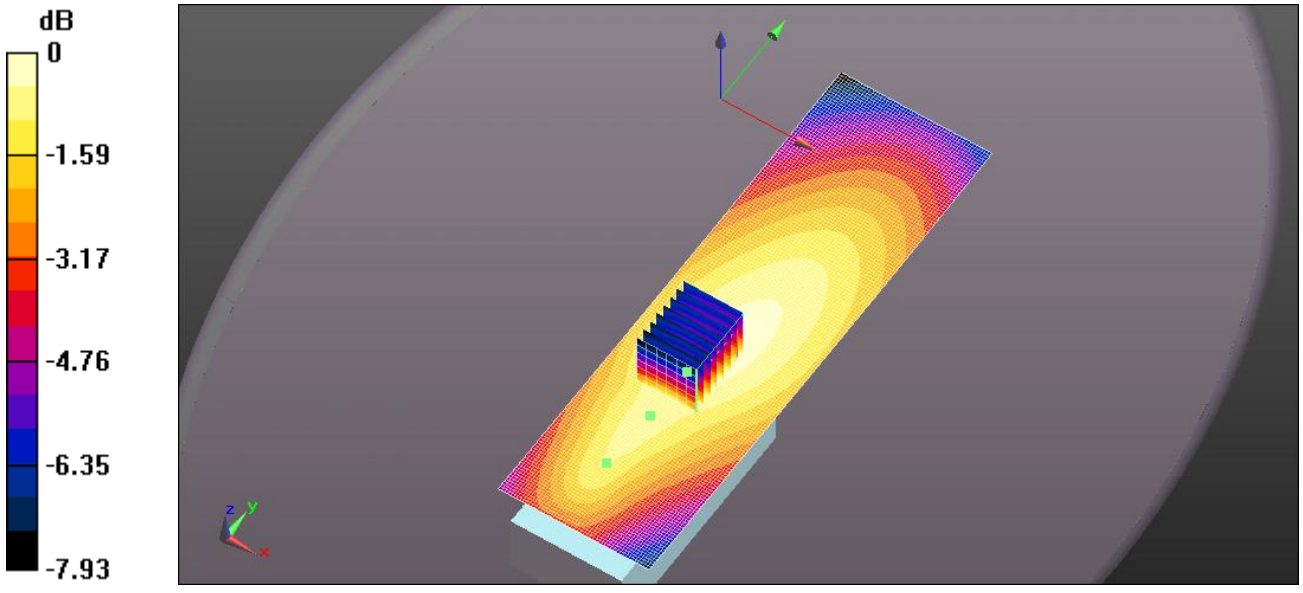
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.18 V/m; Power Drift = -0.68 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.525 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.830 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.852 W/kg



0 dB = 0.830 W/kg = -0.81 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 146MM 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.829 S/m; ε_r = 60.081; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

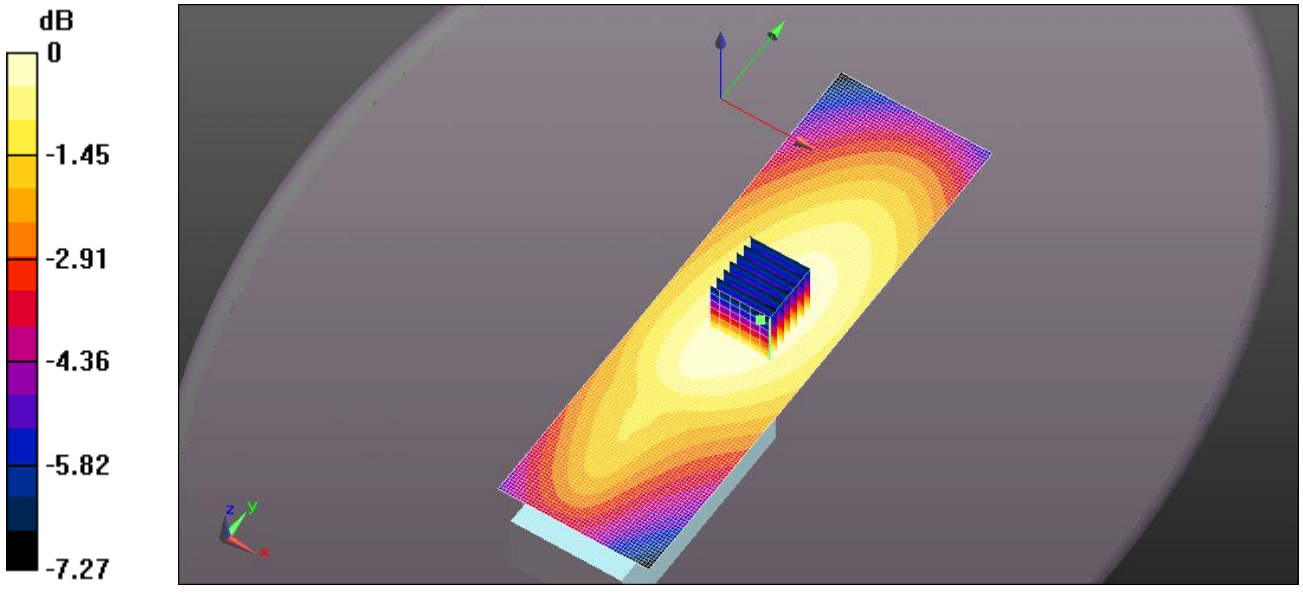
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.48 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 0.670 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.340 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.513 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x171x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.497 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 141MM 167.7MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 167.7 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.824 S/m; ε_r = 60.257; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

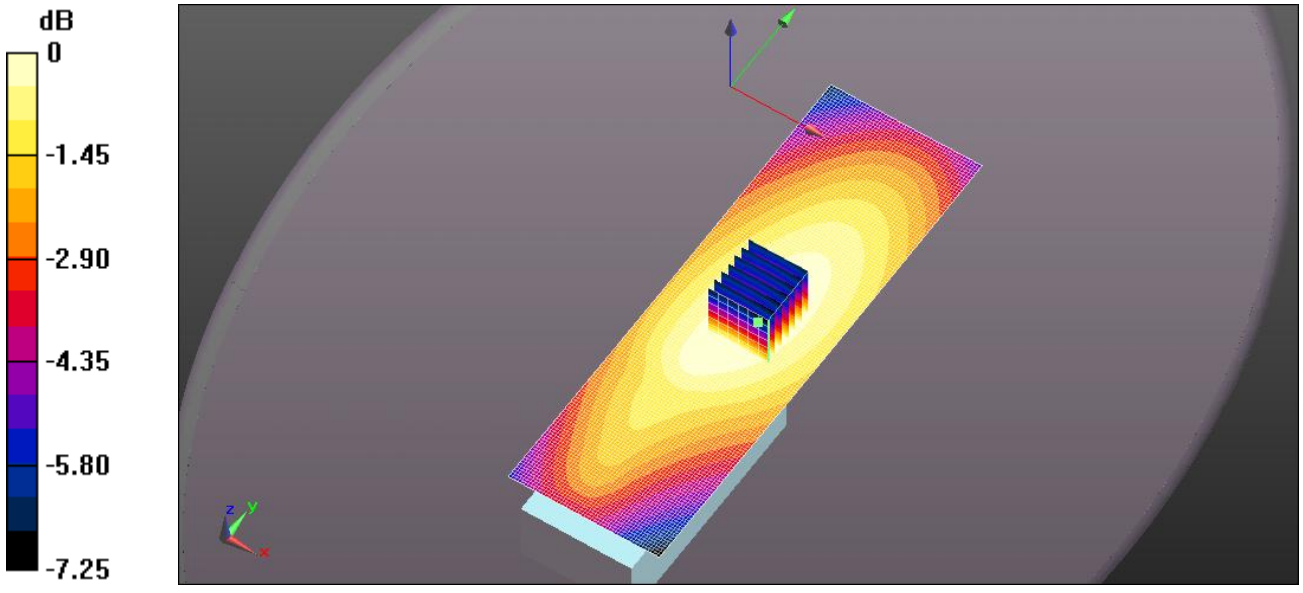
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.63 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.45 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.19 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.20 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 141MM 142.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.812 S/m; ε_r = 61.021; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

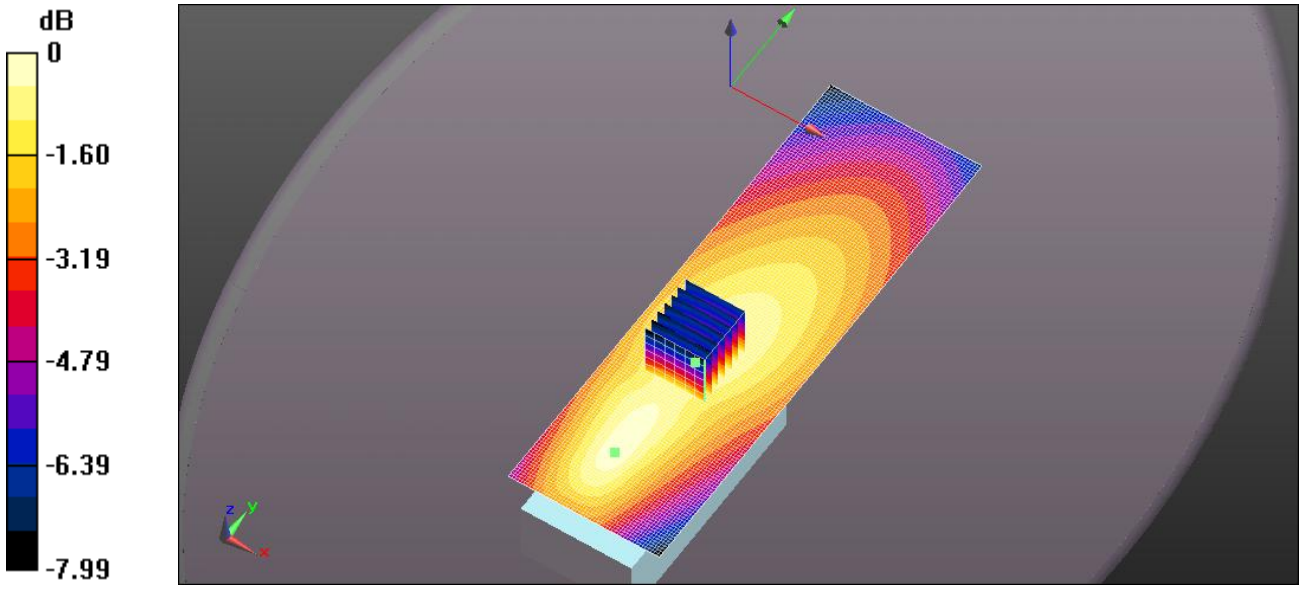
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.88 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.338 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.555 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.569 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 141MM 155MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.819 S/m; ε_r = 60.531; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

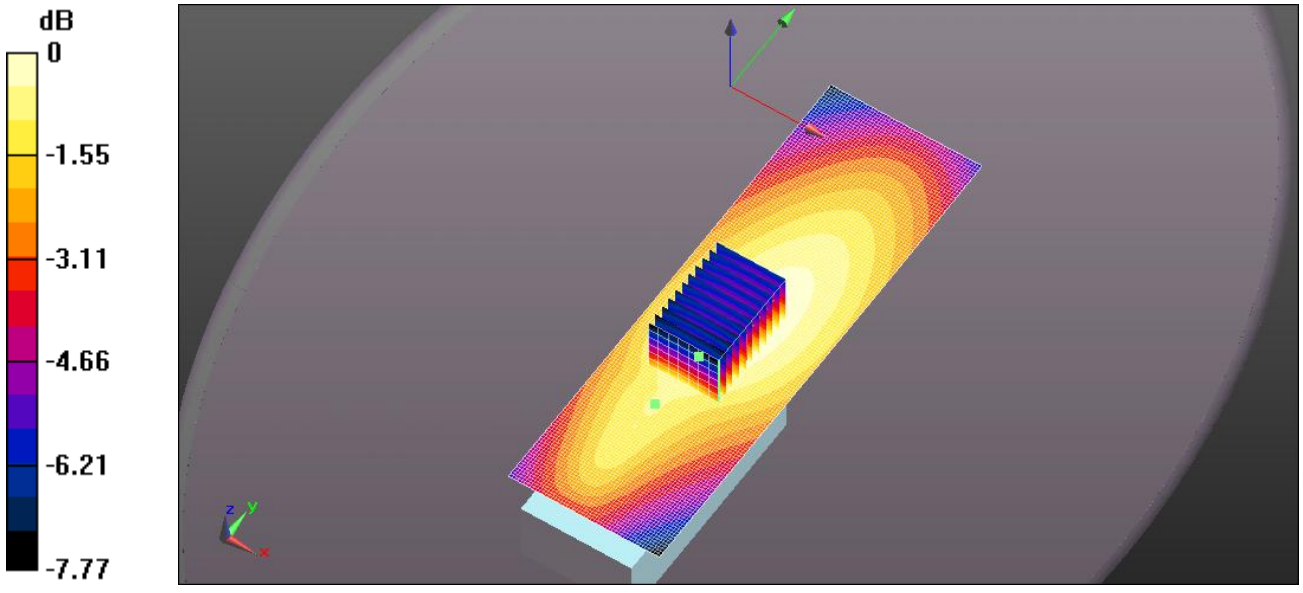
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x11x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.51 V/m; Power Drift = -0.49 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.652 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.981 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.00 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 137MM 168MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 168 MHz; Duty Cycle: 1:1
Medium parameters used: f = 168 MHz; σ = 0.824 S/m; ε_r = 60.257; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

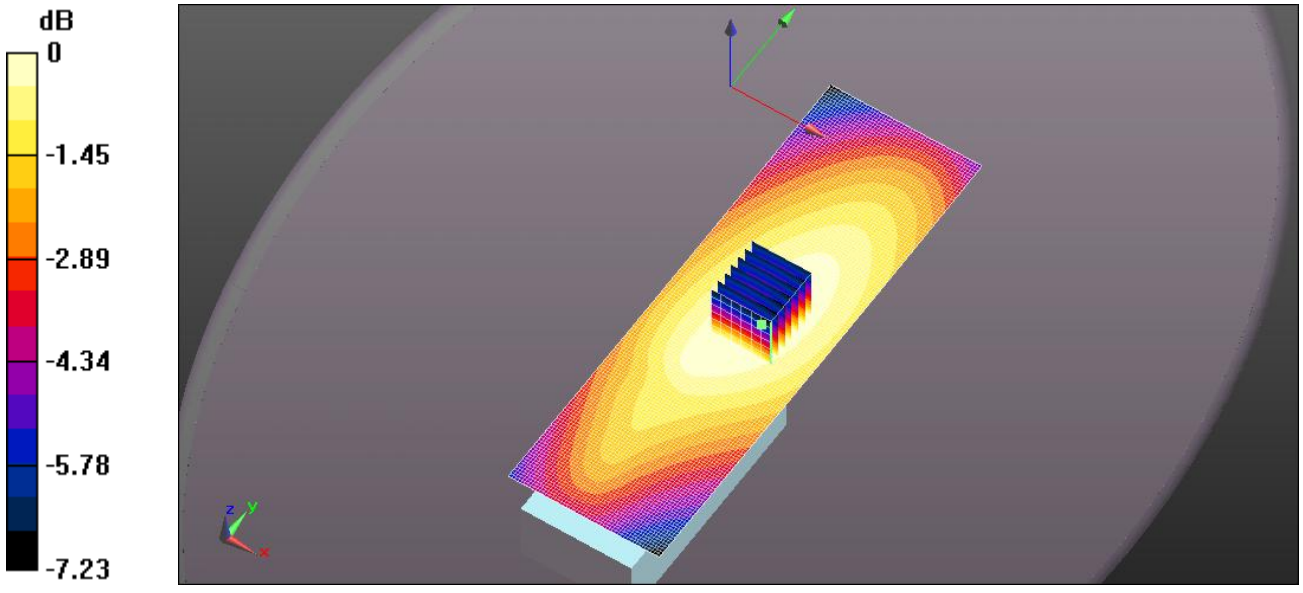
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.97 V/m; Power Drift = -0.55 dB
Peak SAR (extrapolated) = 2.50 W/kg
SAR(1 g) = 1.72 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.93 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.91 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 137MM 142.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 142.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 142.3 MHz; σ = 0.812 S/m; ε_r = 61.021; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

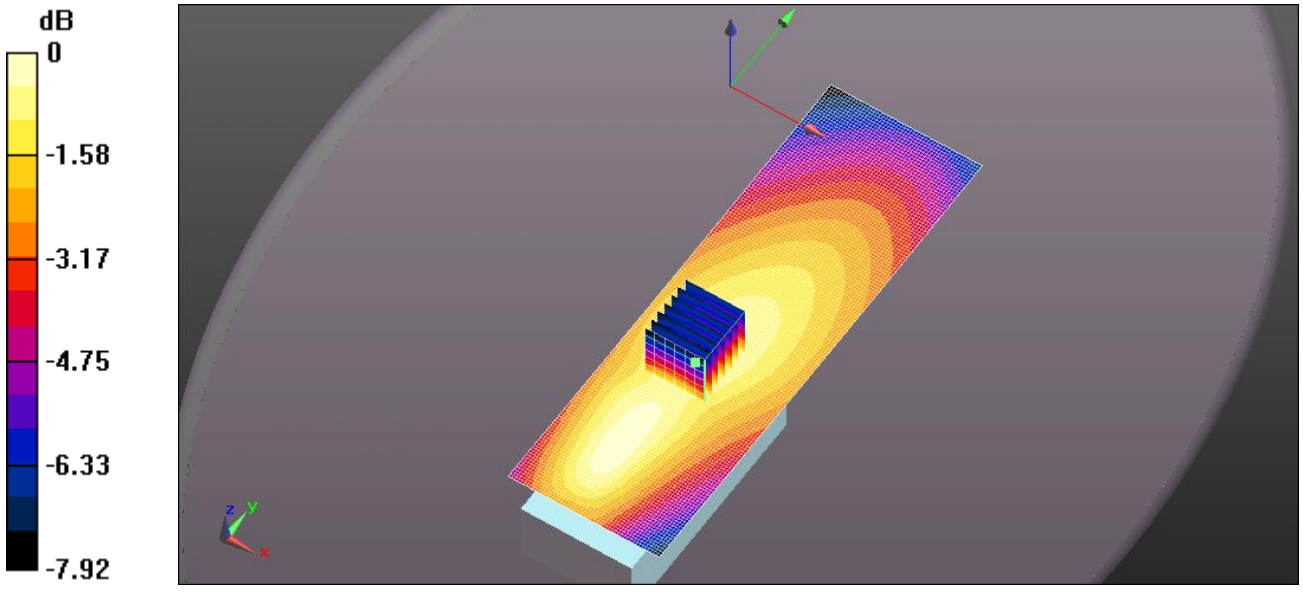
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.07 V/m; Power Drift = -1.04 dB
Peak SAR (extrapolated) = 0.718 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.289 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.473 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.488 W/kg



0 dB = 0.473 W/kg = -3.25 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 137MM 155MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 155 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 155 MHz; σ = 0.819 S/m; ε_r = 60.531; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

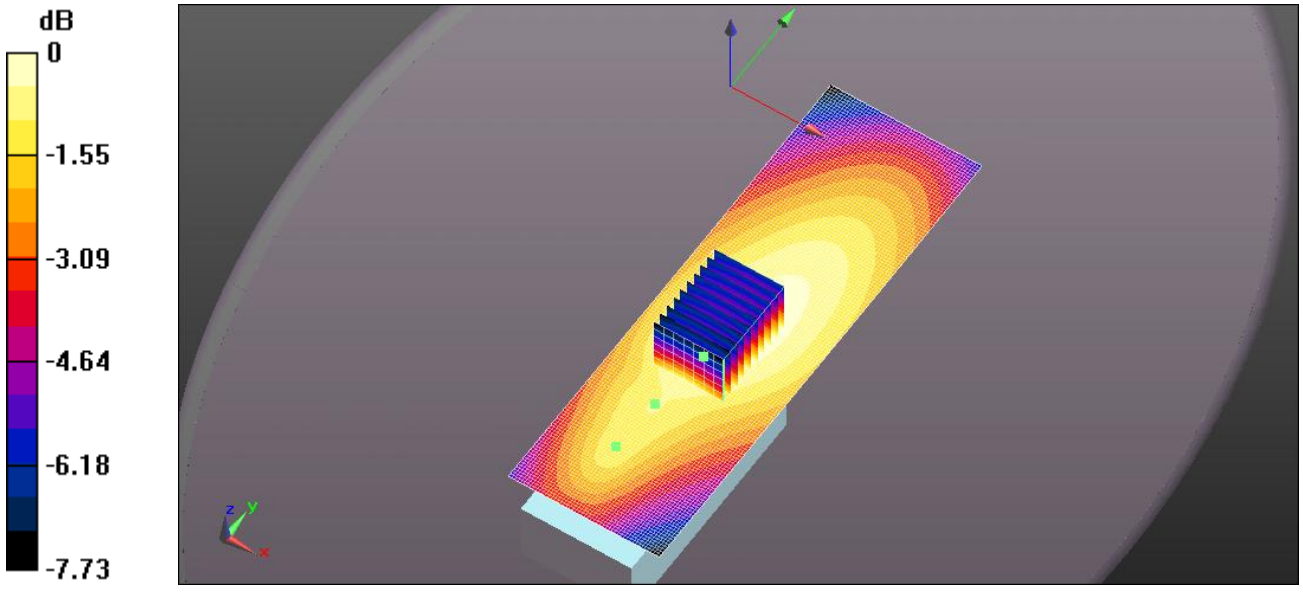
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x10x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.63 V/m; Power Drift = -0.73 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.524 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.792 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.815 W/kg



0 dB = 0.792 W/kg = -1.01 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 133MM 174MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 174 MHz; Duty Cycle: 1:1
Medium parameters used: f = 174 MHz; σ = 0.829 S/m; ε_r = 60.081; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

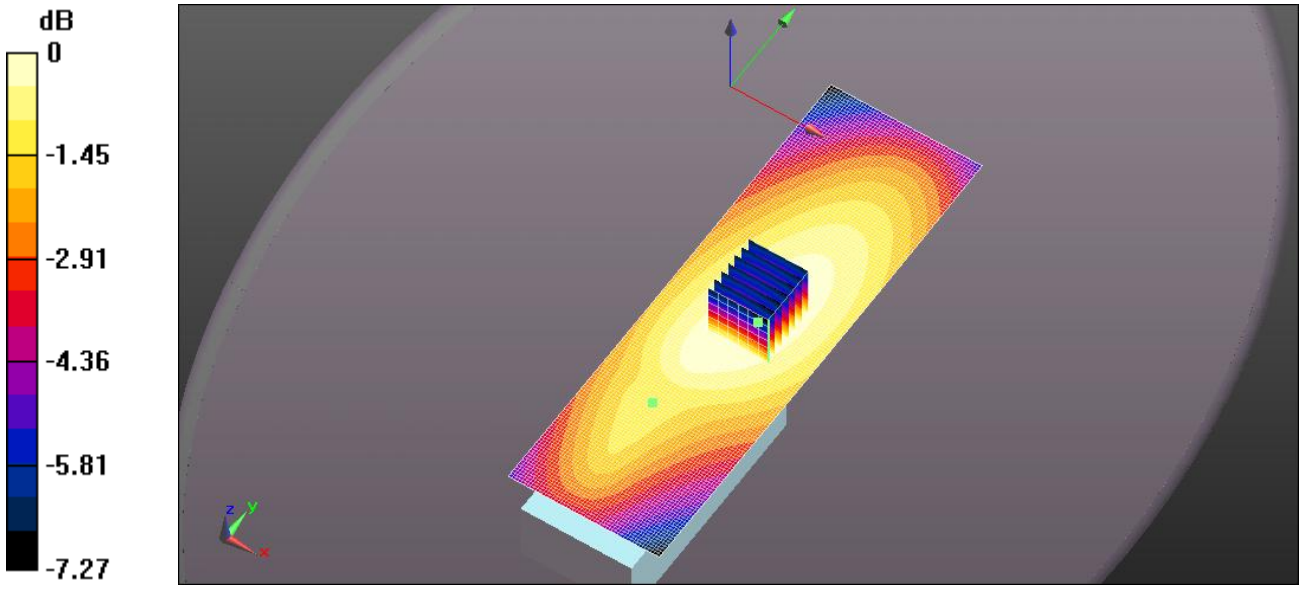
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 49.71 V/m; Power Drift = -0.56 dB
Peak SAR (extrapolated) = 2.42 W/kg
SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.23 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.85 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.83 W/kg



0 dB = 1.85 W/kg = 2.68 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 133MM 136MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 136 MHz; Duty Cycle: 1:1
Medium parameters used: f = 136 MHz; σ = 0.808 S/m; ε_r = 61.01; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

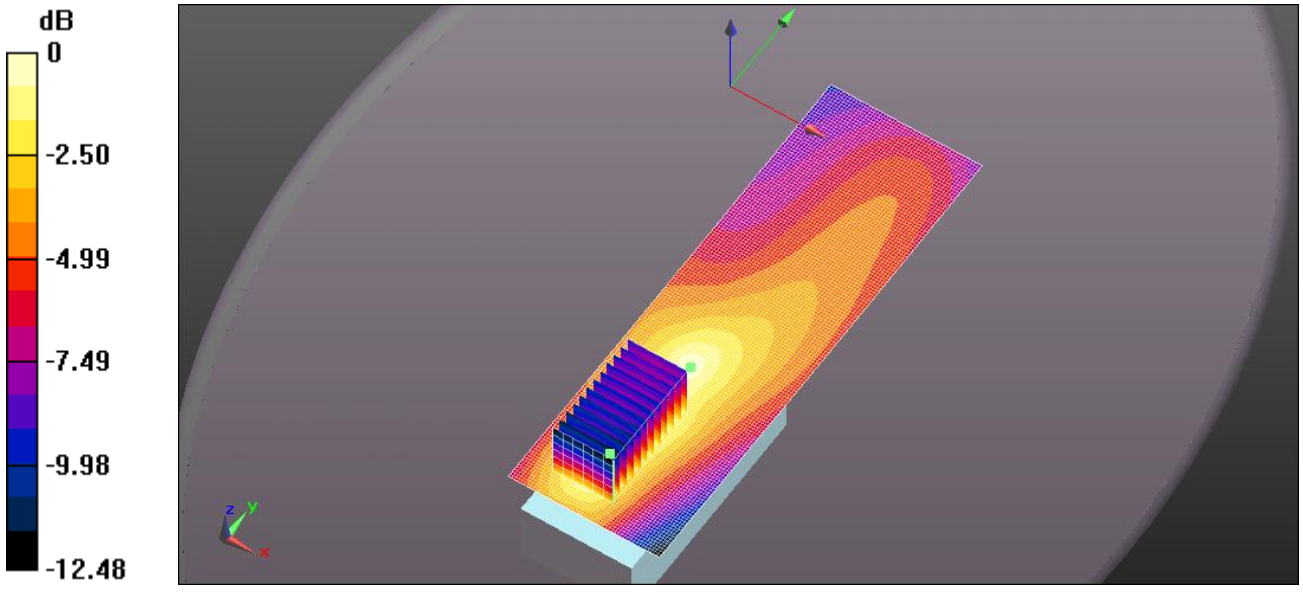
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x12x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.72 V/m; Power Drift = -0.55 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.294 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.581 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.541 W/kg



0 dB = 0.581 W/kg = -2.36 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 133MM 148.7MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

Communication System: UID 10000, CW; Frequency: 148.7 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 148.7 MHz; σ = 0.814 S/m; ε_r = 60.723; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

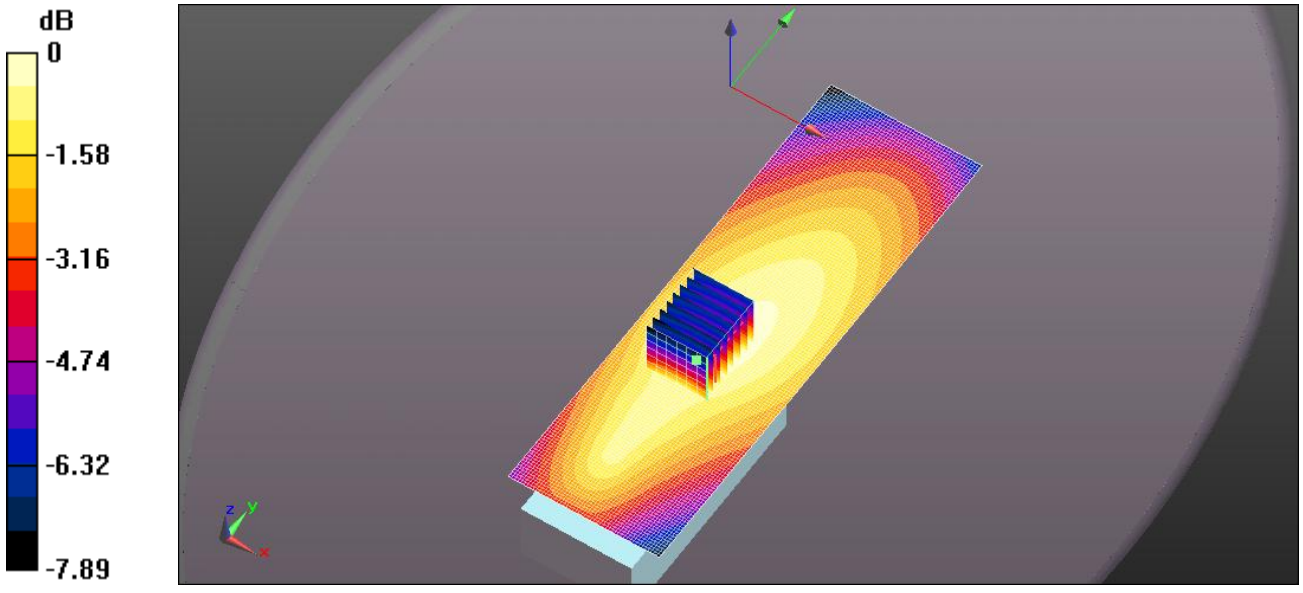
- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.18 V/m; Power Drift = -0.65 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.239 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.381 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.389 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

FILE NAME: ICOM-553Q BODY FA-SC61VC 133MM 161.3MHZ BP-280 & MB-133 HM-159LA.DA52:0

DUT: IC-F1100DS; Type: VHF Transceiver; Serial: 64000202

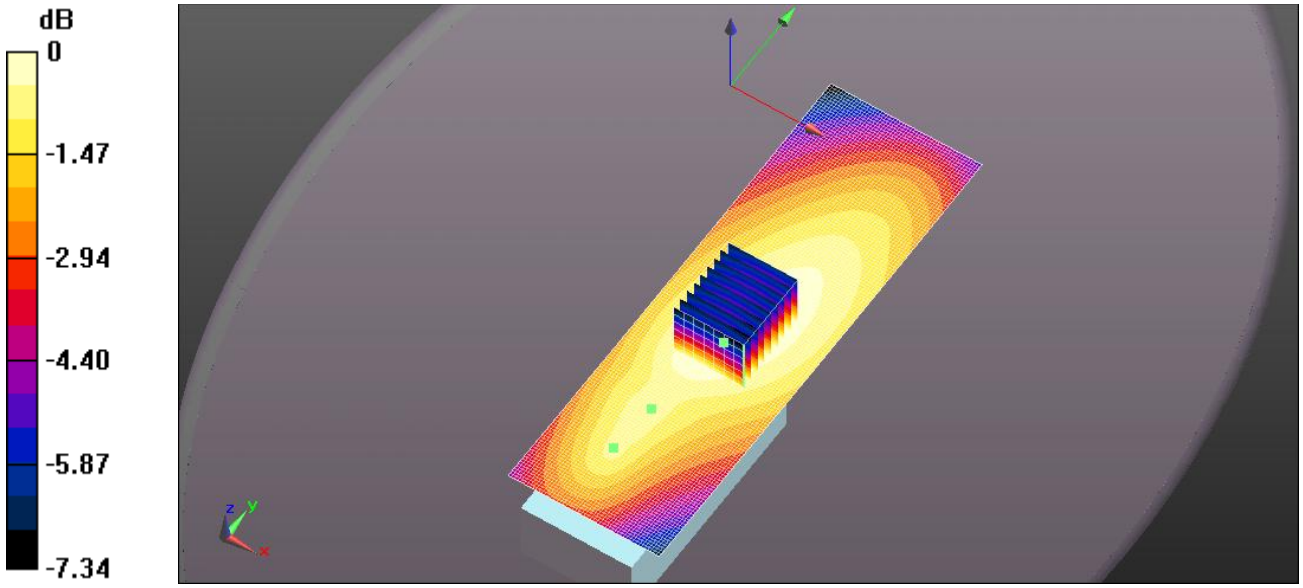
Communication System: UID 10000, CW; Frequency: 161.3 MHz; Duty Cycle: 1:1
Medium parameters used: f = 162 MHz; σ = 0.821 S/m; ε_r = 60.418; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Zoom Scan (7x7x7) (8x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.49 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.551 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.830 W/kg

Configuration Body for IC-F1100DS/Body Back, P=5W, d=0mm/Area Scan (51x161x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.812 W/kg



0 dB = 0.830 W/kg = -0.81 dBW/kg