APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. PRESCAN MEASUREMENT SUMMARY

MB-133 with Batteries	Antenna	CH	CH. Freq	Head SAR1g (W/Kg)	Head SAR10g (W/Kg)
BP-234	FA-S61V	77	156.875	0.22	0.17
BP-252		77	156.875	0.22	0.17

BP-252 with Belt Clip	Antenna	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
MB-103Y	FA-S61V	77	156.875	0.22	0.16
MB-86		77	156.875	0.21	0.17

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Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-252 156.875MHZ.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.875 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.875 MHz; σ = 0.793 S/m; ε_r = 53.339; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

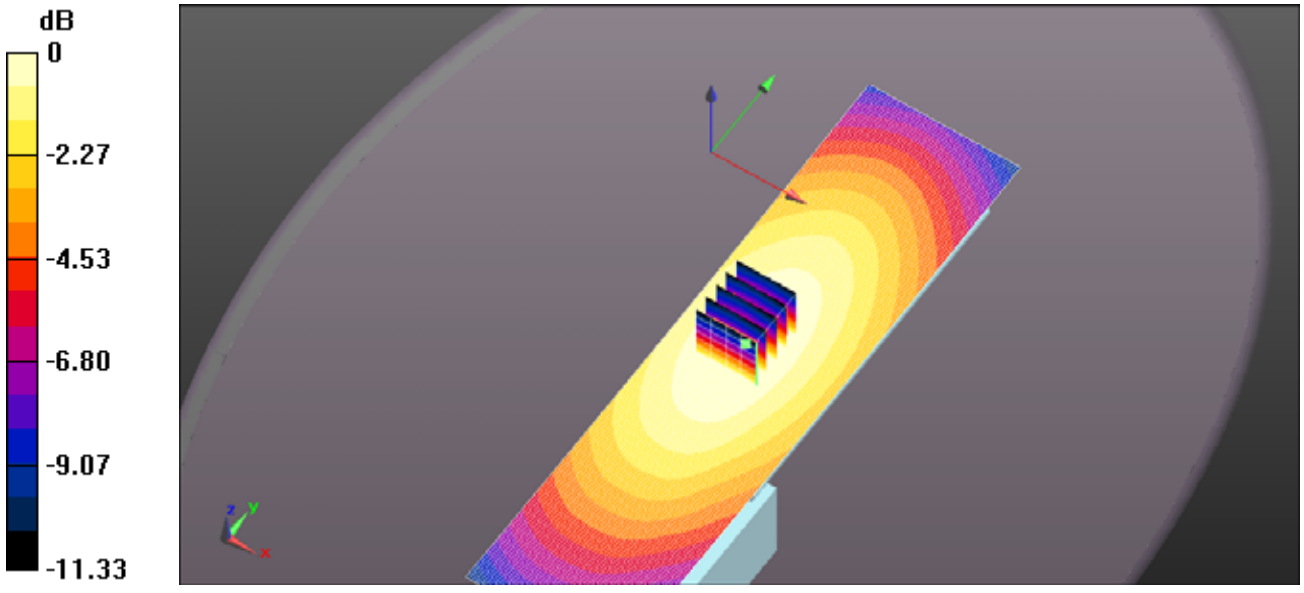
- Probe: ES3DV3 - SN3250; ConvF(7.57, 7.57, 7.57); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.248 W/kg

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.63 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.168 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.248 W/kg = -6.05 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.875MHZ.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.875 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.875 MHz; σ = 0.793 S/m; ε_r = 53.339; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

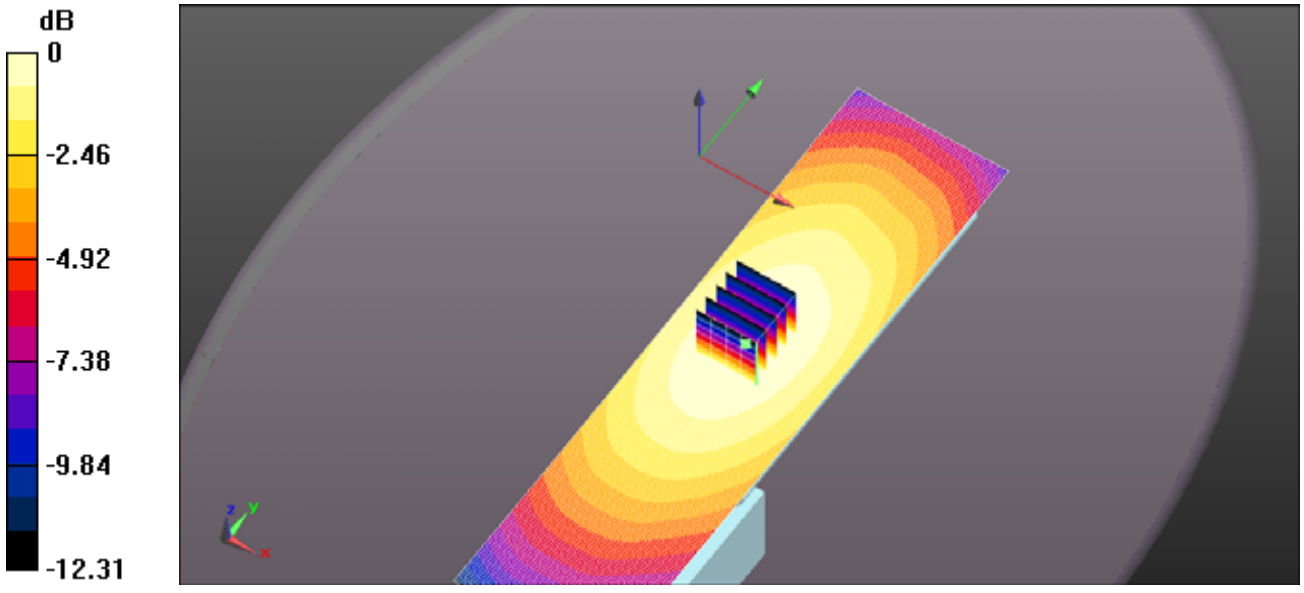
- Probe: ES3DV3 - SN3250; ConvF(7.57, 7.57, 7.57); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.258 W/kg

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.80 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.172 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.8750MHZ MB-103Y.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.875 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.875 MHz; σ = 0.835 S/m; ε_r = 61.223; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

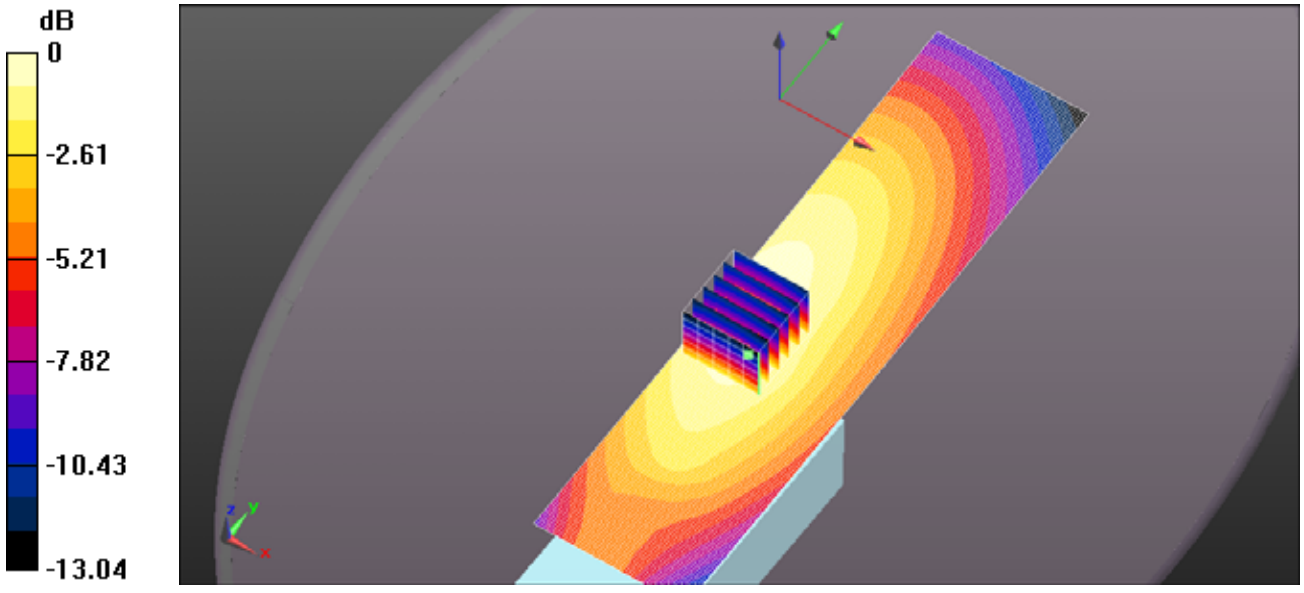
- Probe: ES3DV3 - SN3250; ConvF(7.18, 7.18, 7.18); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.90 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.162 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.252 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.8750MHZ MB-86.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.875 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.875 MHz; σ = 0.835 S/m; ε_r = 61.223; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

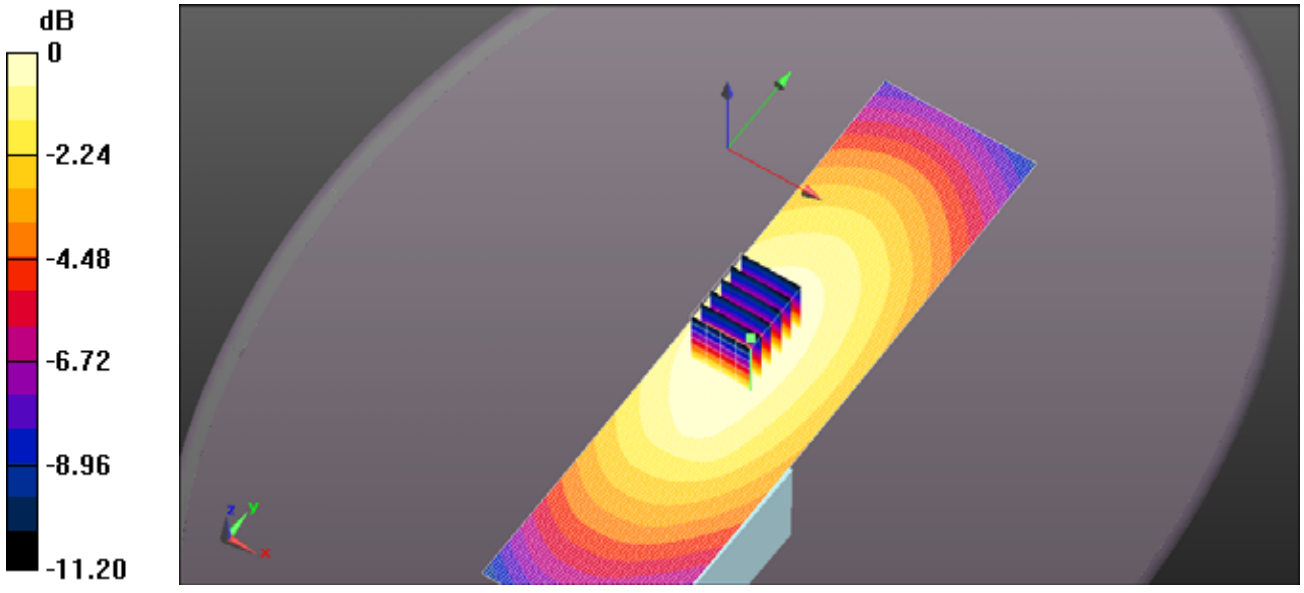
- Probe: ES3DV3 - SN3250; ConvF(7.18, 7.18, 7.18); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.235 W/kg

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Zoom Scan (5x5x7) (5x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.16 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.165 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.28 dBW/kg

EXHIBIT 1. HEAD SAR MEASUREMENTS

Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)
				BP-234	BP-234
			(MHz)	3300mAh	3300mAh
FA-S61V	2.03	6	156.300	0.24	0.18
	1.99	12	156.600	0.22	0.17
	2.06	77	156.875	0.22	0.17

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.875MHZ.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.875 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.875 MHz; σ = 0.793 S/m; ε_r = 53.339; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

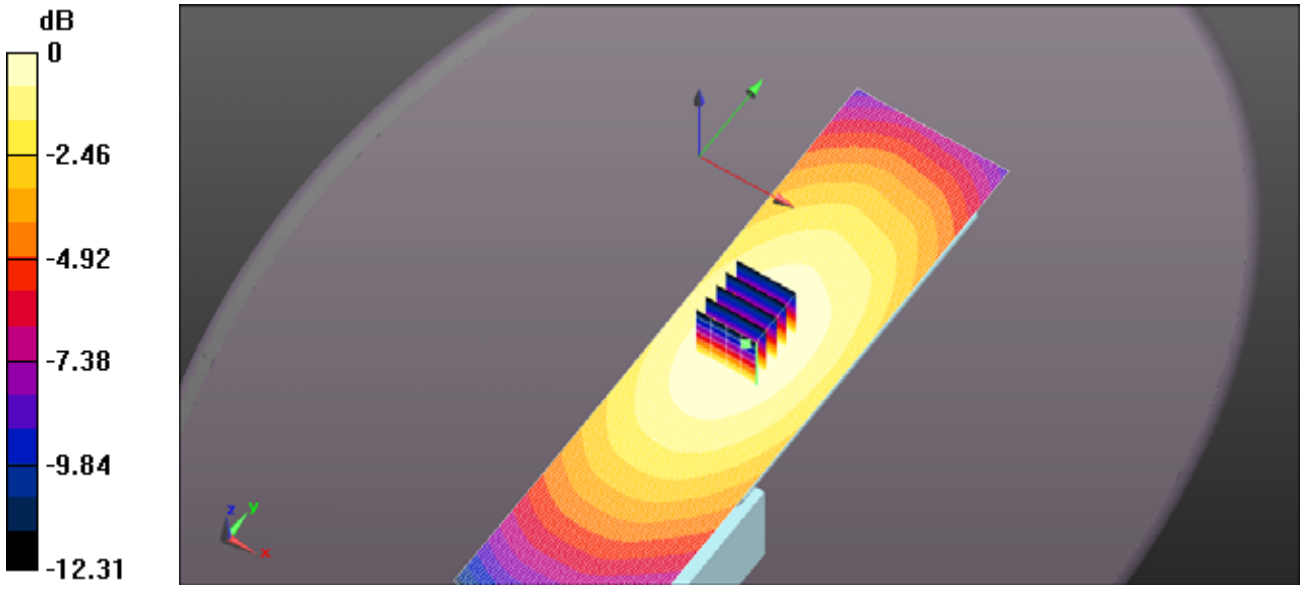
- Probe: ES3DV3 - SN3250; ConvF(7.57, 7.57, 7.57); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.258 W/kg

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.80 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.172 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.600 MHZ.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.6 MHz; σ = 0.792 S/m; ε_r = 53.337; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

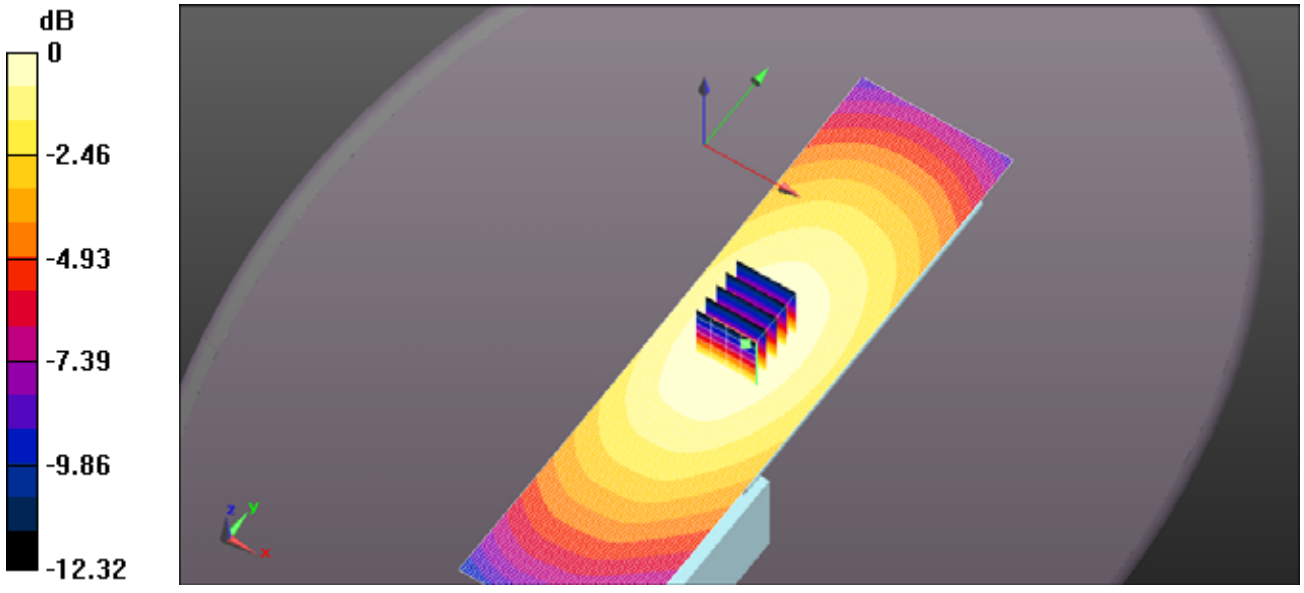
- Probe: ES3DV3 - SN3250; ConvF(7.57, 7.57, 7.57); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Area Scan (51x201x1):

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

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.03 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.170 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.300 MHZ.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.3 MHz; σ = 0.792 S/m; ε_r = 53.334; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

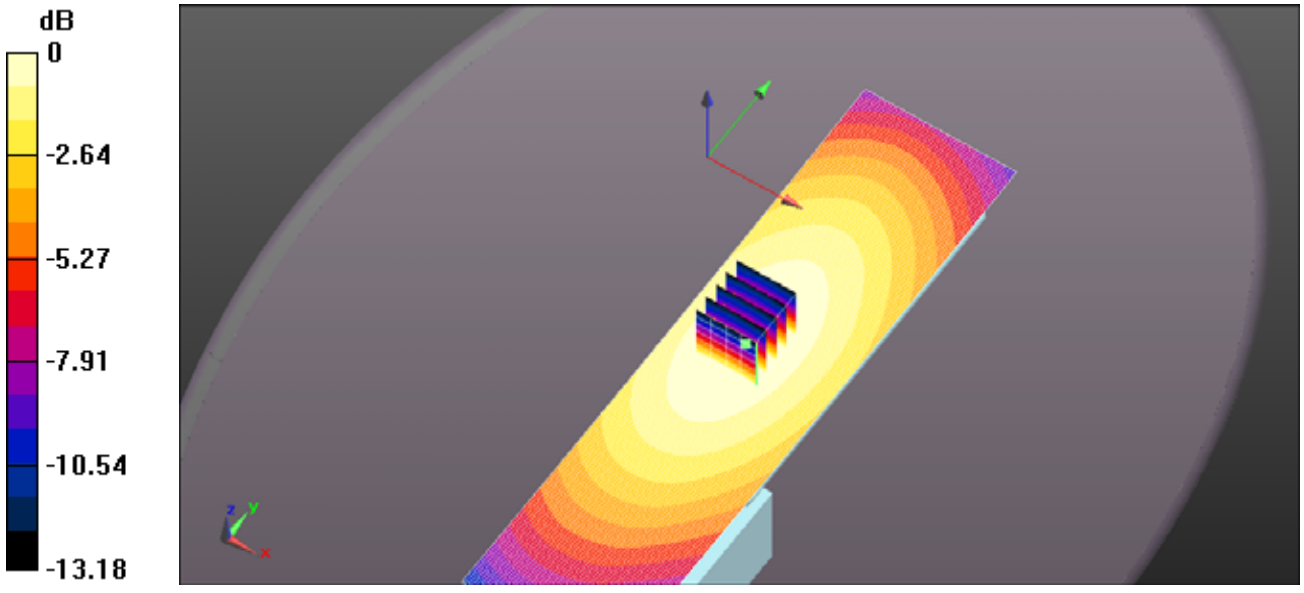
- Probe: ES3DV3 - SN3250; ConvF(7.57, 7.57, 7.57); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Area Scan (51x201x1):

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

Configuration_Head_IC-GM1600/Head Front, P=2W, d=25mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.94 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.184 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.267 W/kg = -5.74 dBW/kg

EXHIBIT 2. BODY SAR MEASUREMENTS

Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)
				BP-234	BP-234
			(MHz)	3300mAh	3300mAh
FA-S61V	2.03	6	156.300	0.22	0.16
	1.99	12	156.600	0.21	0.16
	2.06	77	156.875	0.22	0.16

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.8750MHZ MB-86.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.875 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.875 MHz; σ = 0.835 S/m; ε_r = 61.223; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

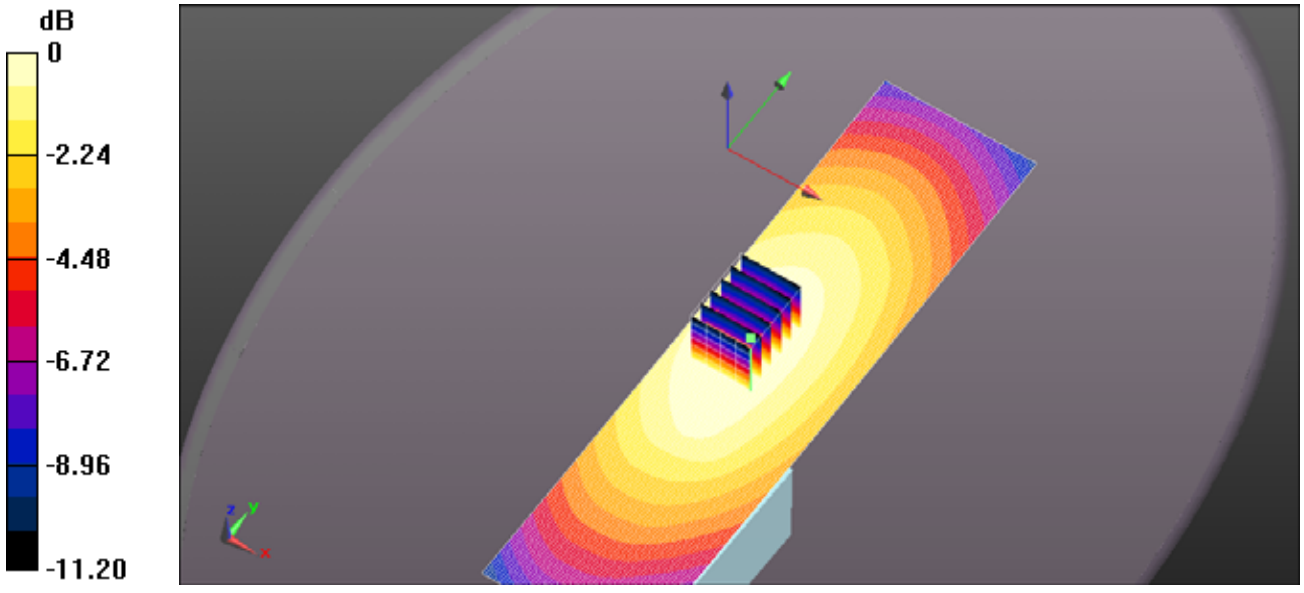
- Probe: ES3DV3 - SN3250; ConvF(7.18, 7.18, 7.18); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.235 W/kg

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Zoom Scan (5x5x7) (5x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.16 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.165 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.28 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.600MHZ MB-103Y.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.6 MHz; σ = 0.835 S/m; ε_r = 61.221; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

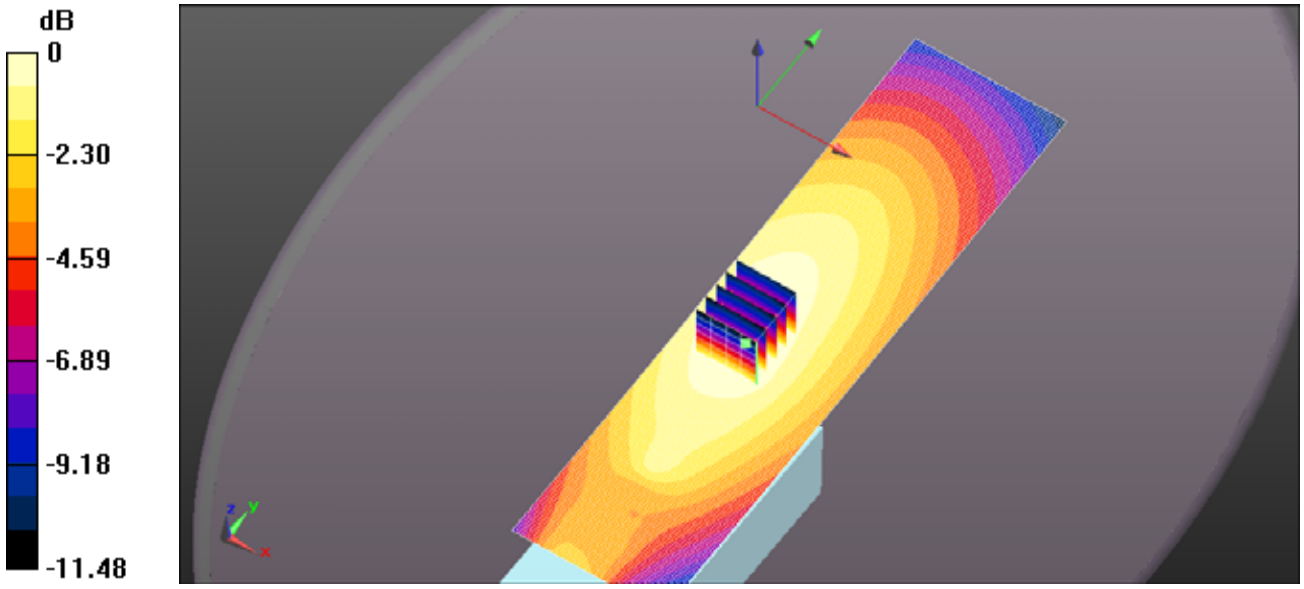
- Probe: ES3DV3 - SN3250; ConvF(7.18, 7.18, 7.18); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.234 W/kg

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.63 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.159 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: ICOM-436Q BP-234 156.300MHZ MB-103Y.DA52:0

DUT: IC-GM1600; Type: VHF Transciever ; Serial: 0000002

Communication System: UID 0, CW (0); Frequency: 156.3 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 156.3 MHz; σ = 0.835 S/m; ε_r = 61.219; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

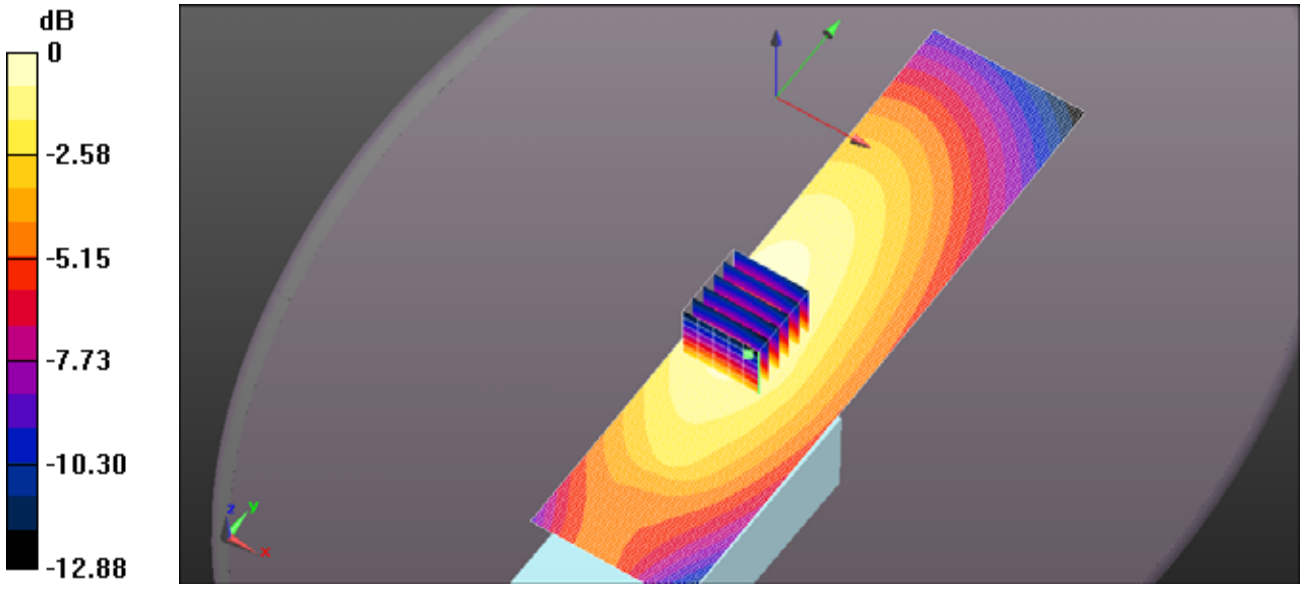
- Probe: ES3DV3 - SN3250; ConvF(7.18, 7.18, 7.18); Calibrated: 3/22/2016;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Area Scan (51x201x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.248 W/kg

Configuration_Head_IC-GM1600/Body Back, P=2W, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.82 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.161 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.248 W/kg = -6.05 dBW/kg