APPENDIX B PLOTS OF THE SAR MEASUREMENTS

Plots of the measured SAR distributions inside the phantom are given in this Appendix for all tested configurations. The spatial peak SAR values were assessed with the procedure described in this report.

Table: SAR Measurement Plot Numbers

1. Test Position	2. Plot No.	3. Test Ch.
Face Frontal	1	3
	2	3
	3	3
Face Frontal*	4	3
Body Worn Nylon Case*	5	1
	6	1
	7	2
	8	2
	9	3
	10	3
	11	3
	12	4
	13	4
Nylon Case	14	1
	15	1
	16	2
	17	2
	18	3
	19	3
	20	4
Body Worn Battery Clip*	21	1
	22	1
	23	2
	24	2
	25	3
	26	3
	27	3
	28	4
	29	4
	30	5
Battery Clip	31	1
	32	1
	33	2
	34	2
	35	3
	36	3

1. Test Position	2. Plot No.	3. Test Ch.
Body Worn Leather Case Battery Clip*	37	1
	38	1
	39	2
	40	2
	41	2
	42	3
	43	3
	44	3
	45	4
	46	4
	47	4
	48	5
	49	5
Leather Case Battery Clip	50	1
	51	1
	52	2
	53	2
	54	3
	55	3
Body Worn Leather Case Spring Clip*	56	1
	57	1
	58	2
	59	2
	60	3
	61	3
	62	3
	63	4
	64	4
	65	5
	66	5

1. Test Position	2. Plot No.	3. Test Ch.
Leather Case Spring Clip	67	1
	68	1
	69	2
	70	2
	71	3
	72	3
	73	4
	74	4
	75	5
	76	5
Leather Case Spring Clip + DEAA	77	1
	78	2
	79	3
	80	4
	81	5
Leather Case Spring Clip + EFAA	82	1
	83	2
	84	3
	85	4
	86	5
Body Worn Leather Case D-Stud Clip*	87	3
	88	3
	89	3
Body Worn Leather Case D-Stud Loop*	90	3
	91	3
	92	3

1. Test Position	2. Plot No.	3. Test Ch.
Face Frontal	93	3
Nylon Case*	94	2
Body Worn Battery Clip*	95	1
Body Worn Leather Case Battery Clip*	96	2
Body Worn Leather Case Spring Clip*	97	1
	98	2
	99	2
	100	3
Body Worn Leather Case Spring Clip	101	1
	102	2
	103	2
Leather Case Spring Clip + DEAA	104	2
Leather Case Spring Clip + EFAA	105	1

Table: Validation Plot Numbers

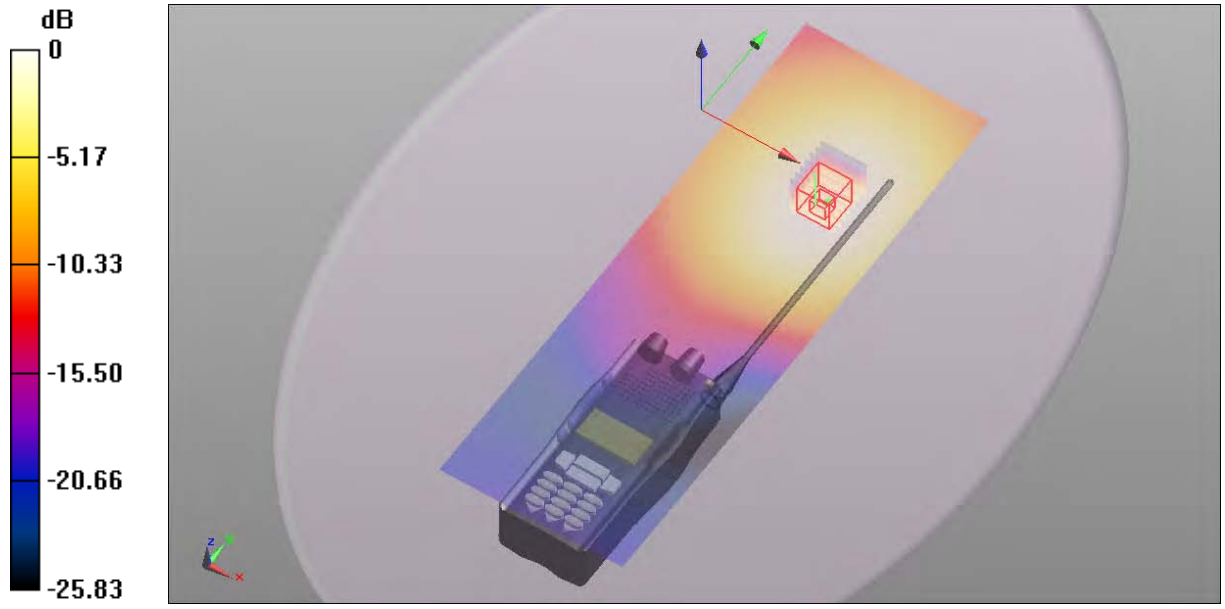
Date	Plot Number	Frequency
19th Oct 2012	106	900MHz
22nd Oct 2012	107	900MHz
23rd Oct 2012	108	900MHz
23rd Oct 2012	109	750MHz
24th Oct 2012	110	900MHz
24th Oct 2012	111	750MHz
25th Oct 2012	112	900MHz
26th Oct 2012	113	900MHz
26th Oct 2012	114	750MHz
25th Jan 2013	115	750MHz
29th Jan 2013	116	750MHz
30th Jan 2013	117	750MHz
31st Jan 2013	118	900MHz
1st Feb 2013	119	900MHz
4th Feb 2013	120	750MHz
5th Feb 2013	121	900MHz
7th Feb 2013	122	900MHz
8th Feb 2013	123	750MHz
11th Feb 2013	124	750MHz

Test Date: 19 October 2012
File Name: M121023 850 MHz Face Frontal Antenna Half-wave 19-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.884 mho/m; ε_r = 40.566; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.88, 5.88, 5.88); Calibrated: 12/12/2011
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Channel 3 Test/Area Scan (81x241x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.53 W/kg

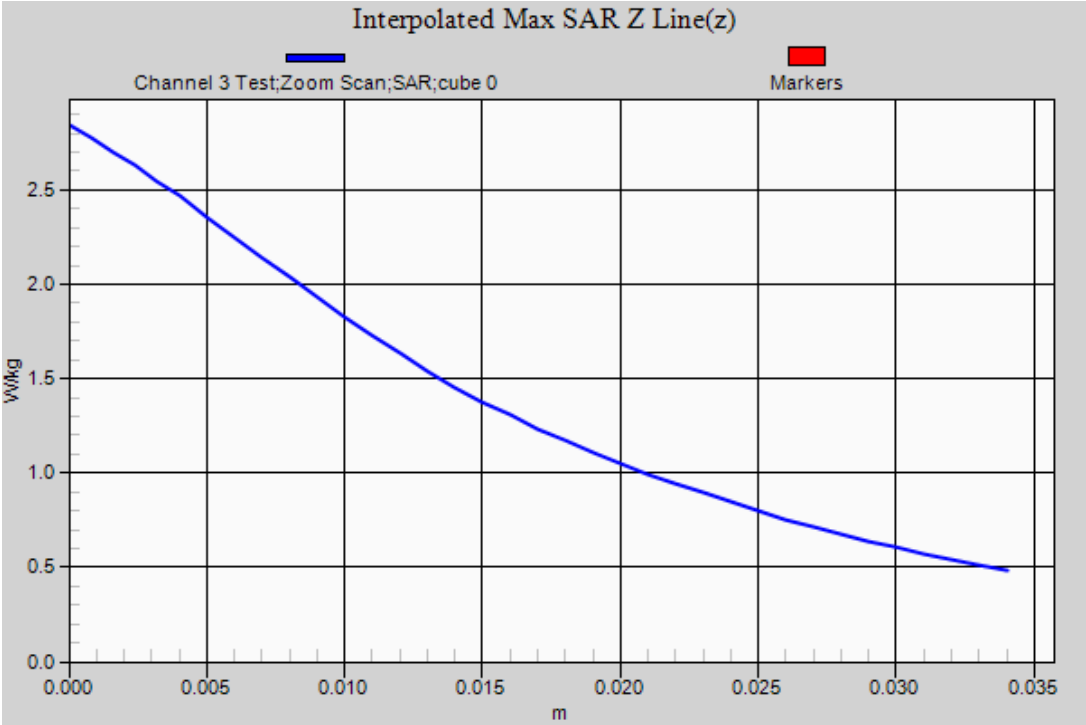
Configuration/Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.942 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.840 mW/g
SAR(1 g) = 2.46 mW/g; SAR(10 g) = 1.83 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.53 W/kg = 8.06 dB W/kg

SAR MEASUREMENT PLOT 1

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.4 Degrees Celsius**
Humidity	**41.0 %**

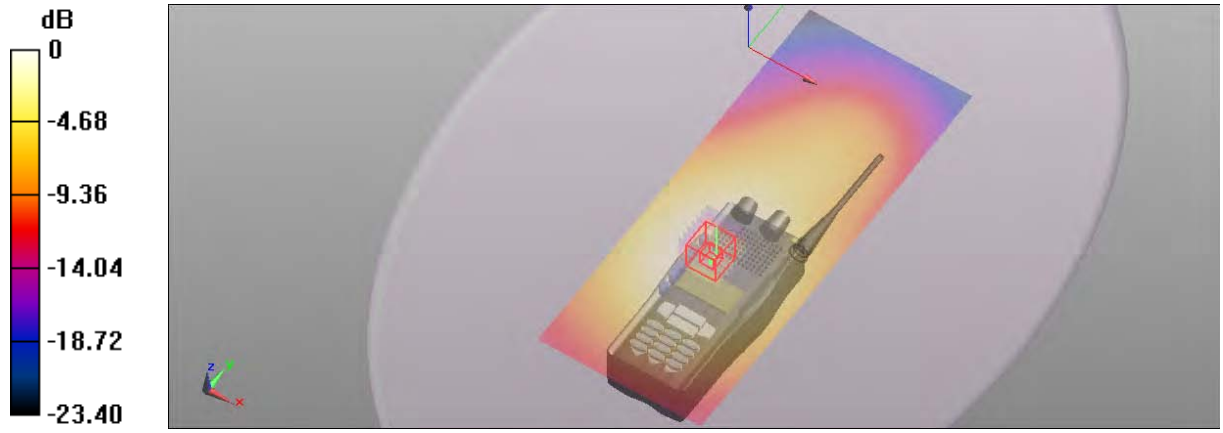


Test Date: 19 October 2012
File Name: M121023 850 MHz Face Frontal Antenna Quarter-wave 19-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.884 mho/m; ε_r = 40.566; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.88, 5.88, 5.88); Calibrated: 12/12/2011
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Channel 3 Test/Area Scan (81x201x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.01 W/kg

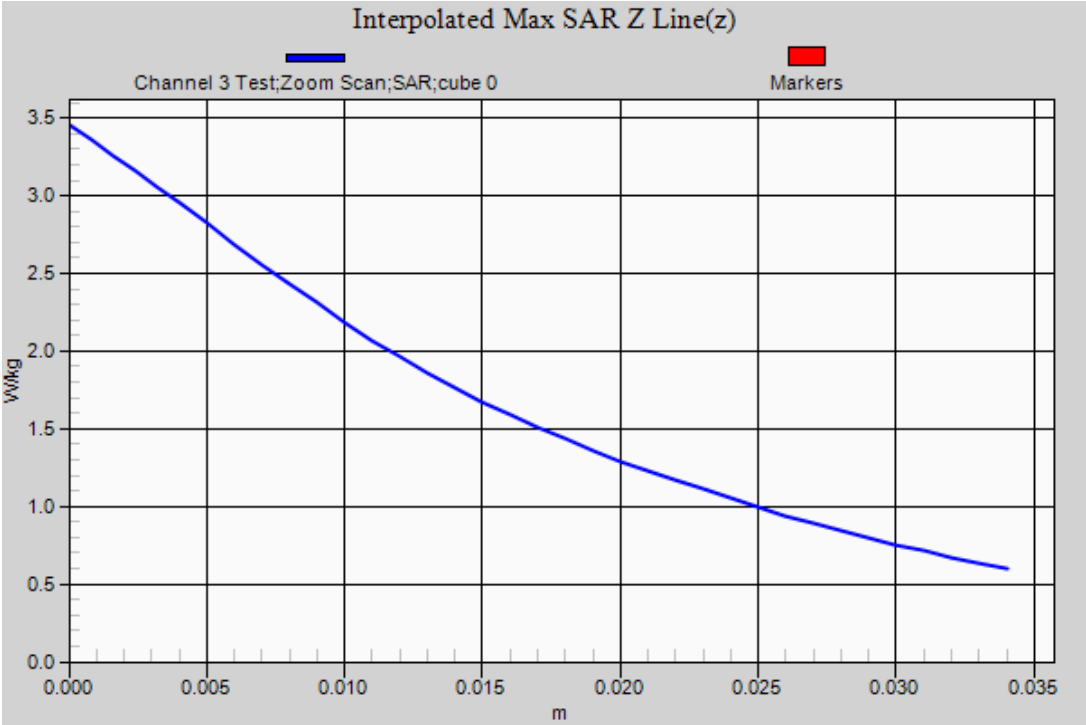
Configuration/Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.728 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 3.452 mW/g
SAR(1 g) = 2.97 mW/g; SAR(10 g) = 2.22 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 3.01 W/kg = 9.57 dB W/kg

SAR MEASUREMENT PLOT 2

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.4 Degrees Celsius**
Humidity	**41.0 %**

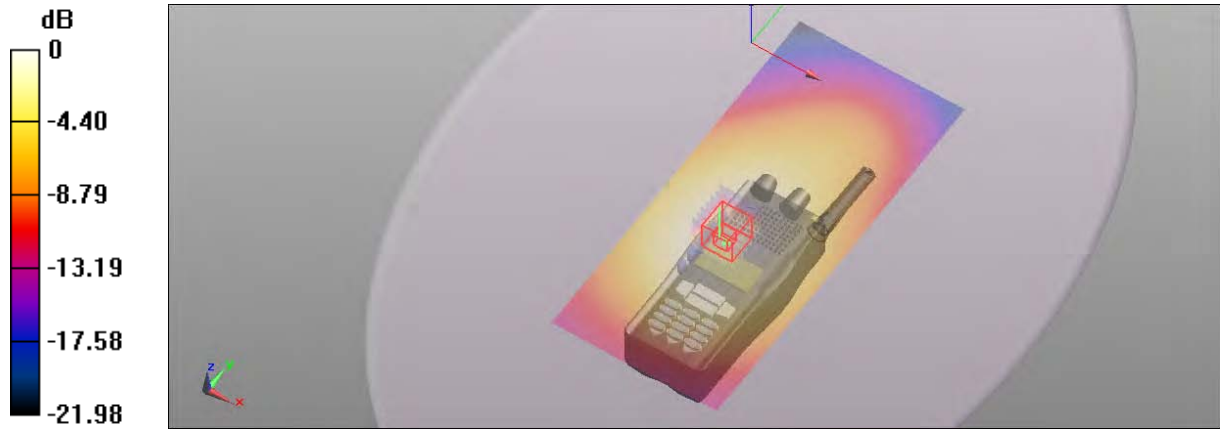


Test Date: 19 October 2012
File Name: M121023 850 MHz Face Frontal Antenna Helical 19-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.884 mho/m; ε_r = 40.566; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.88, 5.88, 5.88); Calibrated: 12/12/2011
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Channel 3 Test/Area Scan (81x181x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.36 W/kg

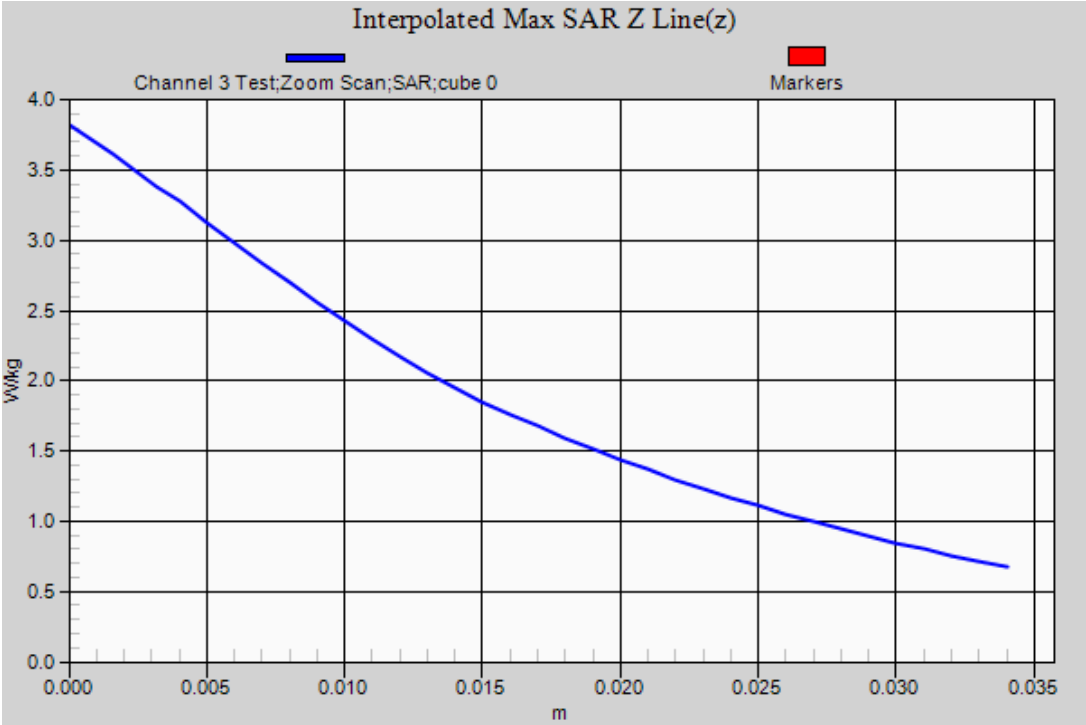
Configuration/Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 41.241 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 3.817 mW/g
SAR(1 g) = 3.29 mW/g; SAR(10 g) = 2.47 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.27 W/kg



0 dB = 3.36 W/kg = 10.53 dB W/kg

SAR MEASUREMENT PLOT 3

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.4 Degrees Celsius**
Humidity	**41.0 %**

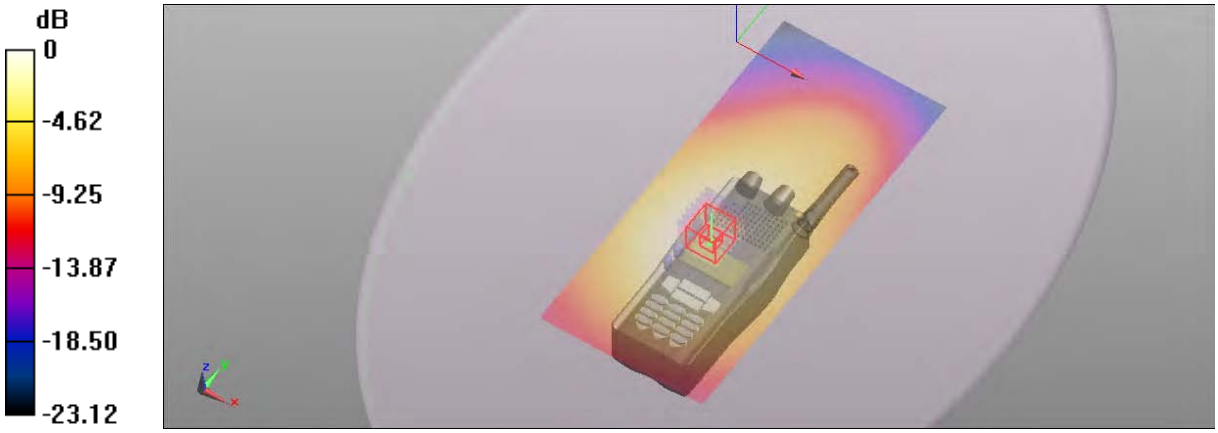


Test Date: 19 October 2012
File Name: M121023 850 MHz Face Frontal Antenna Helical Low capacity Battery 19-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.884 mho/m; ε_r = 40.566; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.88, 5.88, 5.88); Calibrated: 12/12/2011
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.34 W/kg

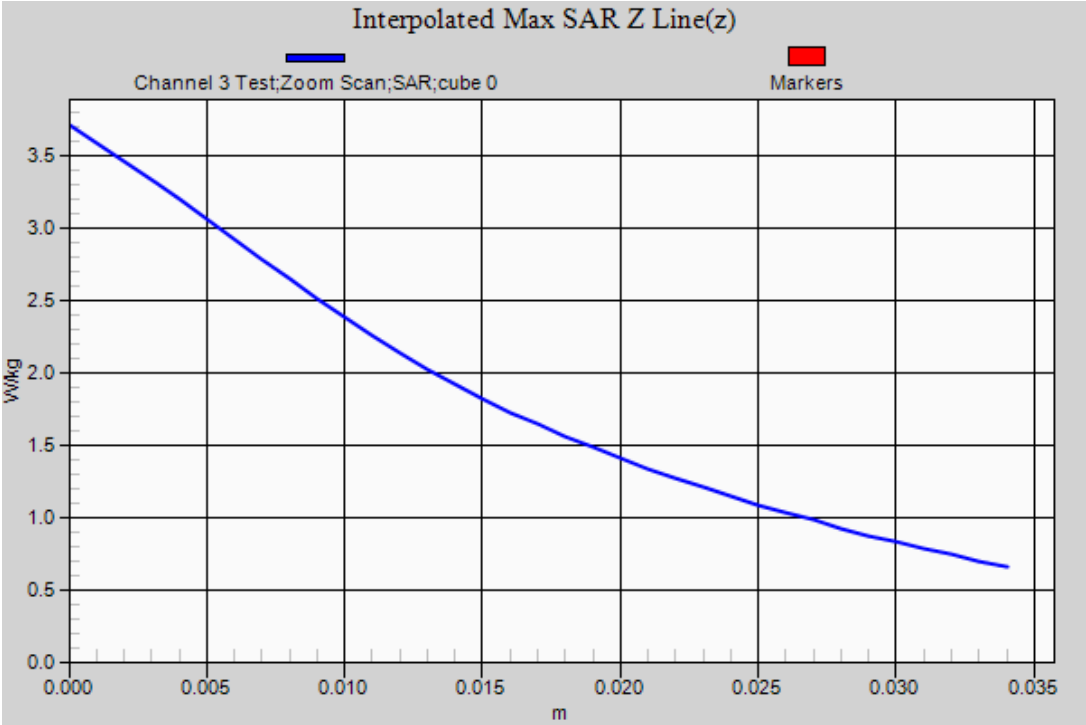
Configuration/Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 42.402 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 3.705 mW/g
SAR(1 g) = 3.22 mW/g; SAR(10 g) = 2.42 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.20 W/kg



0 dB = 3.34 W/kg = 10.47 dB W/kg

SAR MEASUREMENT PLOT 4

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.4 Degrees Celsius**
Humidity	**41.0 %**



Test Date: 29 January 2013
File Name: M121023 750 MHz Body Worn Antenna Quarter-wave 29-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

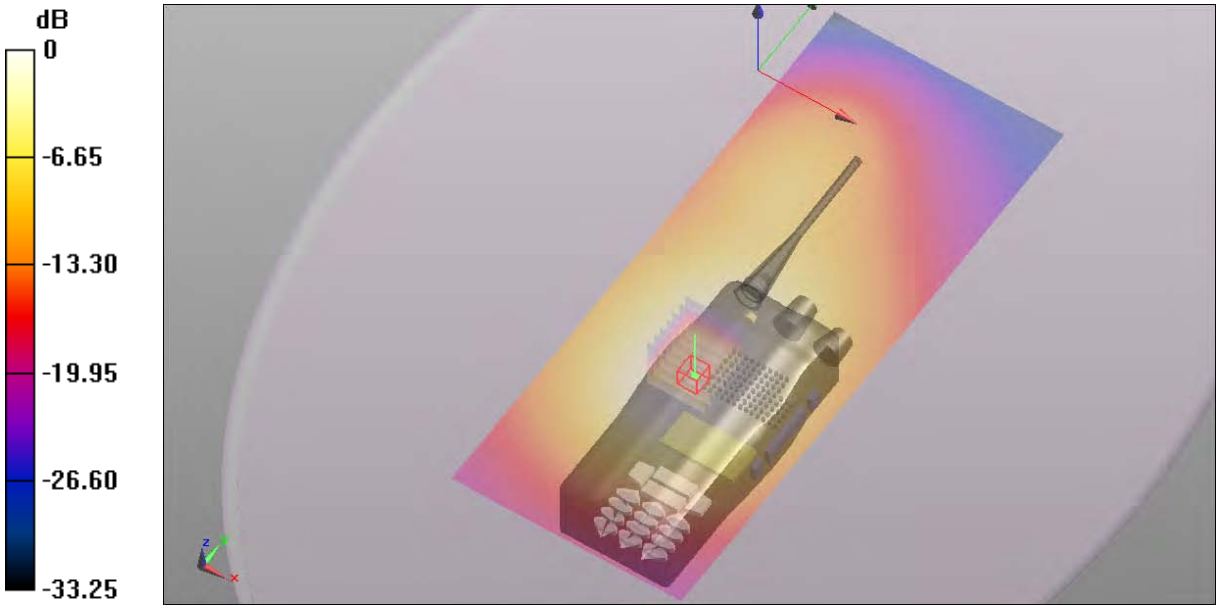
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.946 mho/m; ε_r = 54.664; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Nylon Case (10mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.4 W/kg

Configuration/Nylon Case (10mm) Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

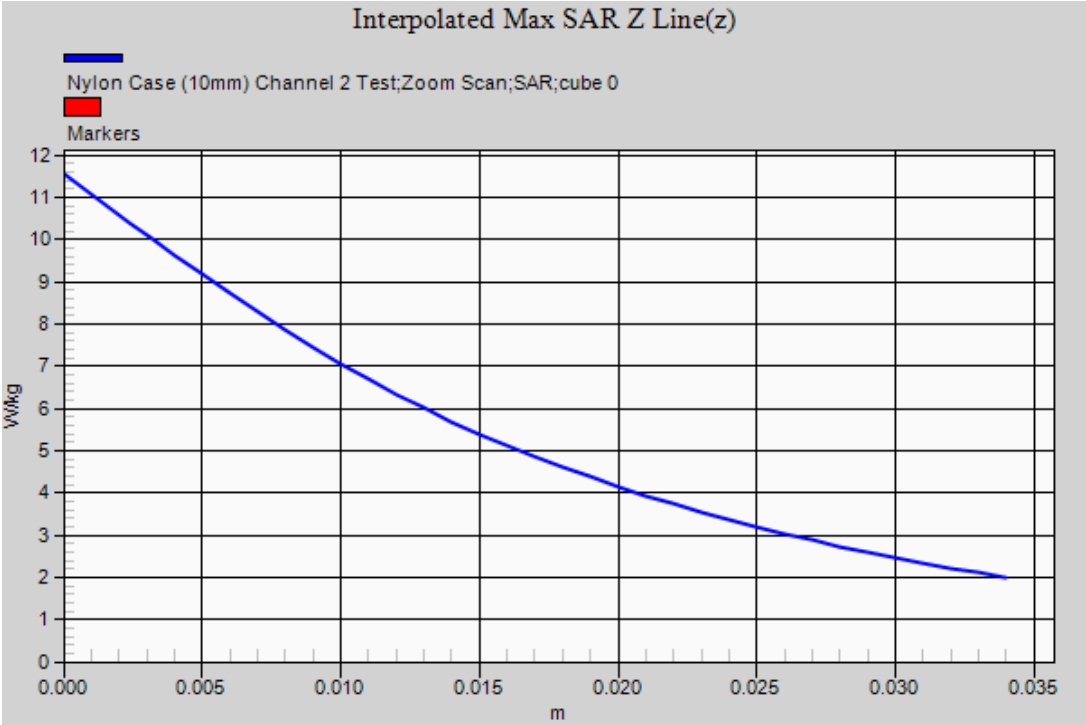
Reference Value = 45.739 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 11.555 mW/g
SAR(1 g) = 9.12 mW/g
Maximum value of SAR (measured) = 9.64 W/kg



0 dB = 10.4 W/kg = 20.34 dB W/kg

SAR MEASUREMENT PLOT 5

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 29 January 2013
File Name: M121023 750 MHz Body Worn Antenna Hellical 29-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

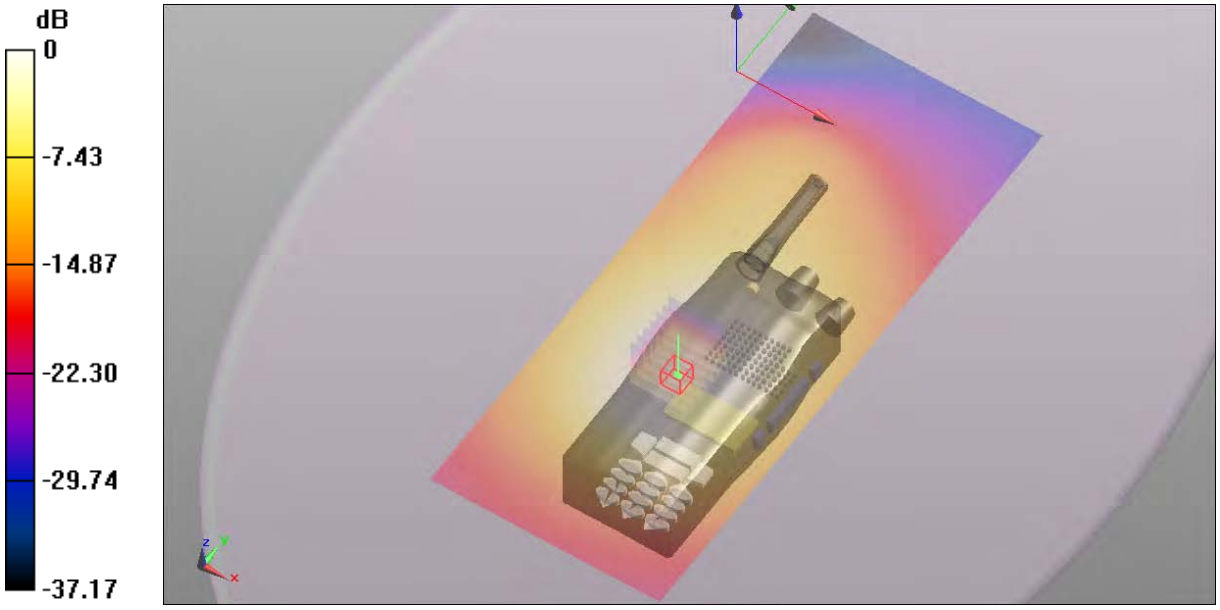
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.946 mho/m; ε_r = 54.664; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Nylon Case (10mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.81 W/kg

Configuration/Nylon Case (10mm) Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

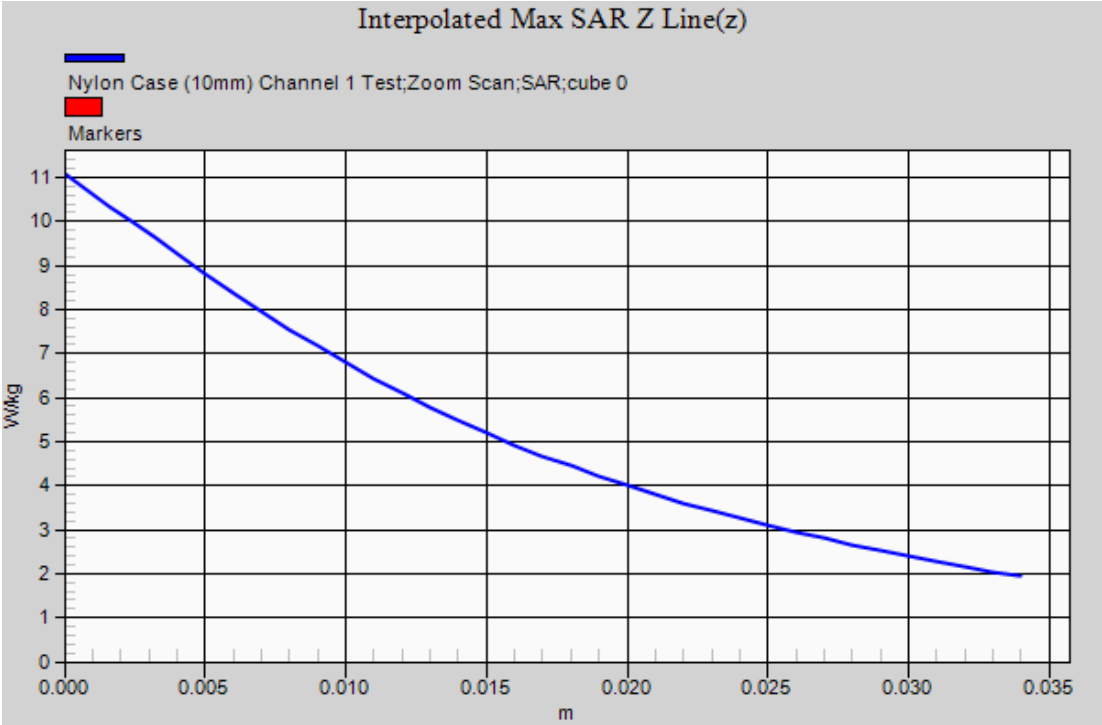
Reference Value = 42.263 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 11.085 mW/g
SAR(1 g) = 8.76 mW/g
Maximum value of SAR (measured) = 9.27 W/kg



0 dB = 9.81 W/kg = 19.83 dB W/kg

SAR MEASUREMENT PLOT 6

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 23 October 2012

File Name: M121023 750 MHz Body Worn Antenna Quarter-wave 23-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

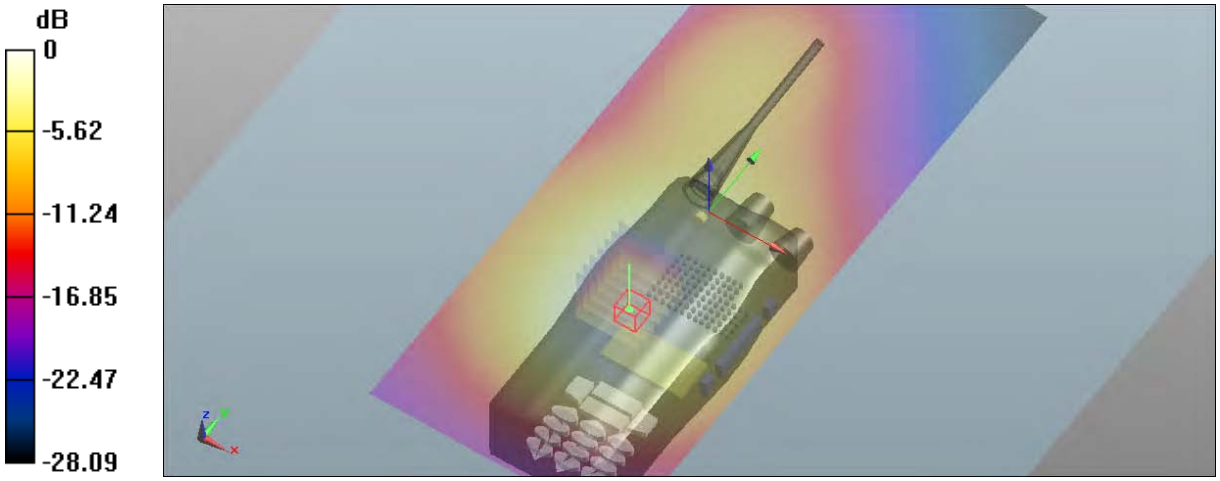
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.95 mho/m; ε_r = 55.794; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 2 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.9 W/kg

Configuration/Nylon Case (10mm) Channel 2 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

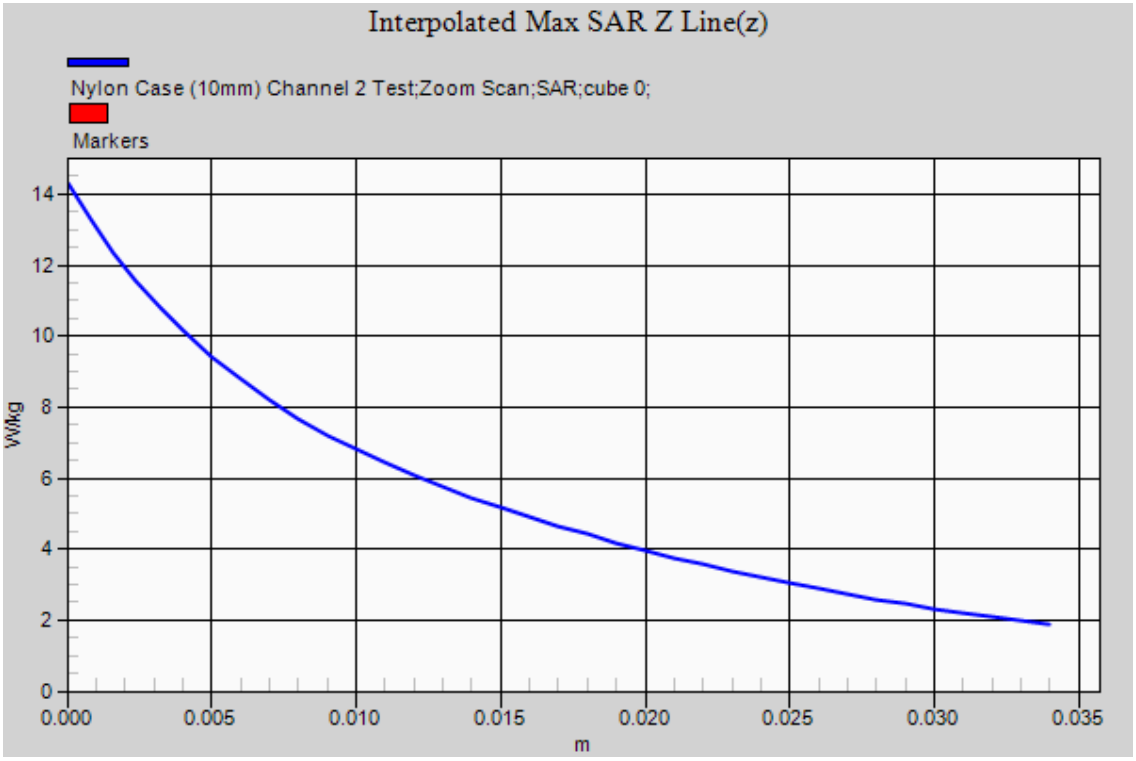
Reference Value = 39.329 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 14.314 mW/g
SAR(1 g) = 9.68 mW/g
Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.9 W/kg = 20.75 dB W/kg

SAR MEASUREMENT PLOT 7

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**41.0%**



Test Date: 26 October 2012
File Name: M121023 750 MHz Body Worn Antenna Helical 26-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

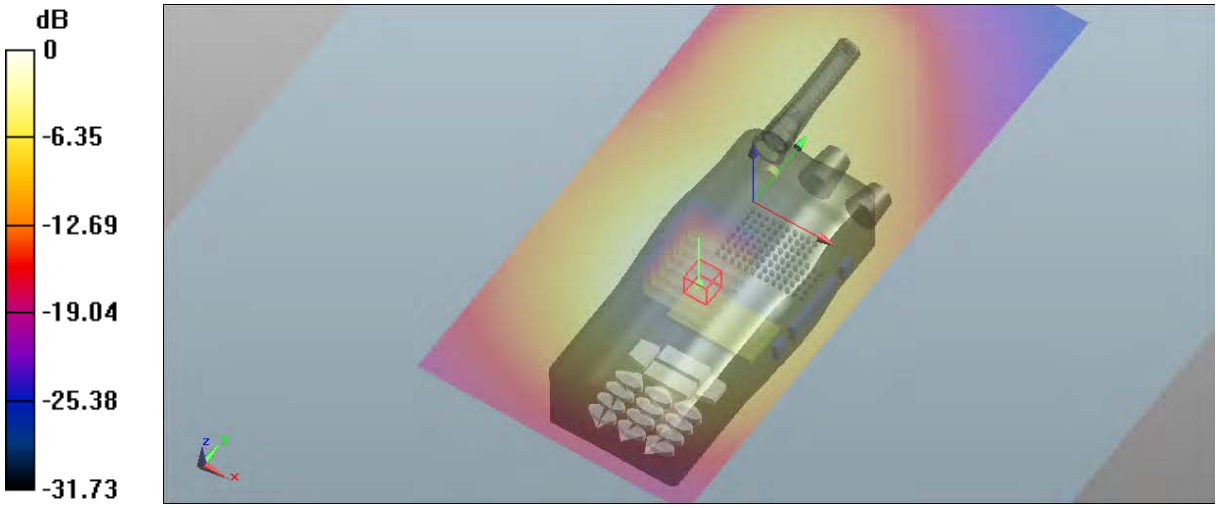
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.968 mho/m; ε_r = 53.717; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 2 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.1 W/kg

Configuration/Nylon Case (10mm) Channel 2 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

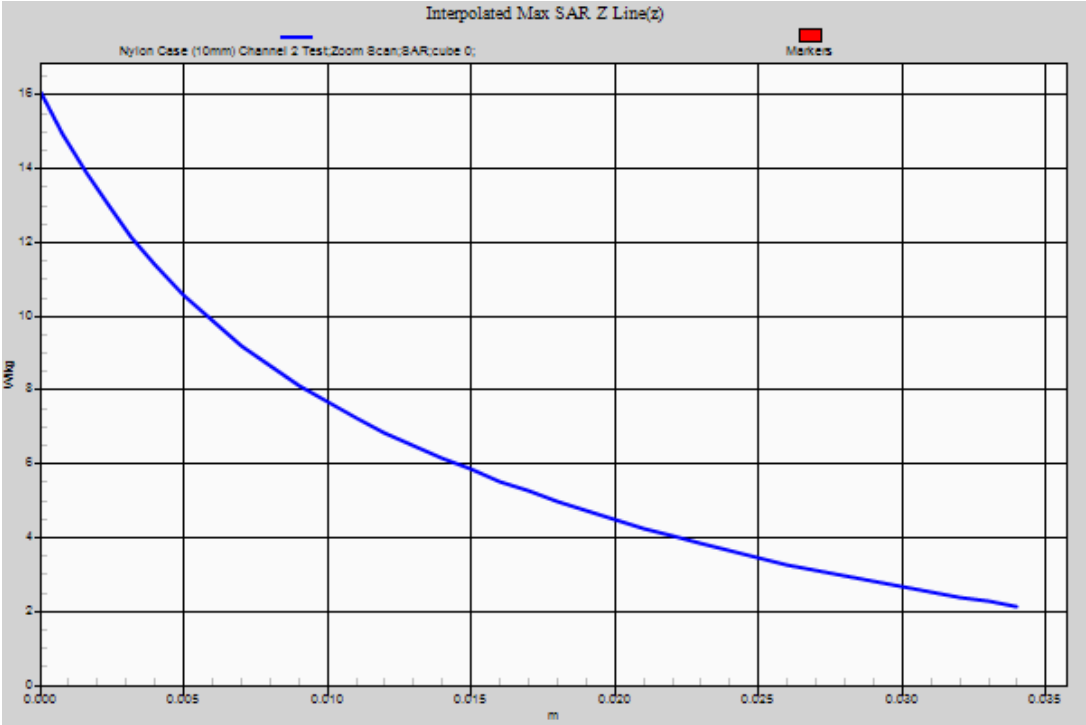
Reference Value = 47.940 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 16.078 mW/g
SAR(1 g) = 10.9 mW/g
Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 12.1 W/kg = 21.66 dB W/kg

SAR MEASUREMENT PLOT 8

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**42.0%**



Test Date: 22 October 2012
File Name: M121023 800 MHz Body Worn Antenna Half-wave 22-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

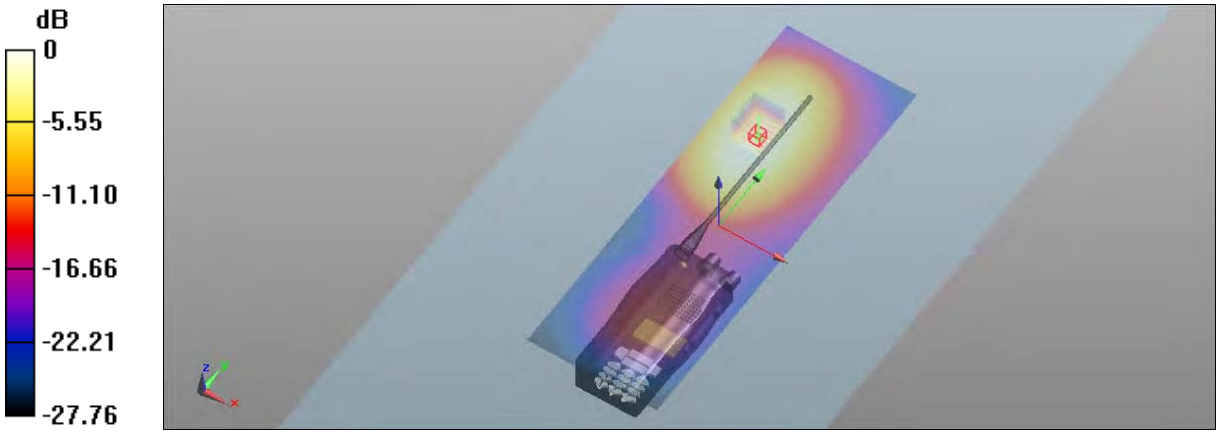
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.952 mho/m; ε_r = 53.752; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 3 Test/Area Scan (81x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.51 W/kg

Configuration/Nylon Case (10mm) Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

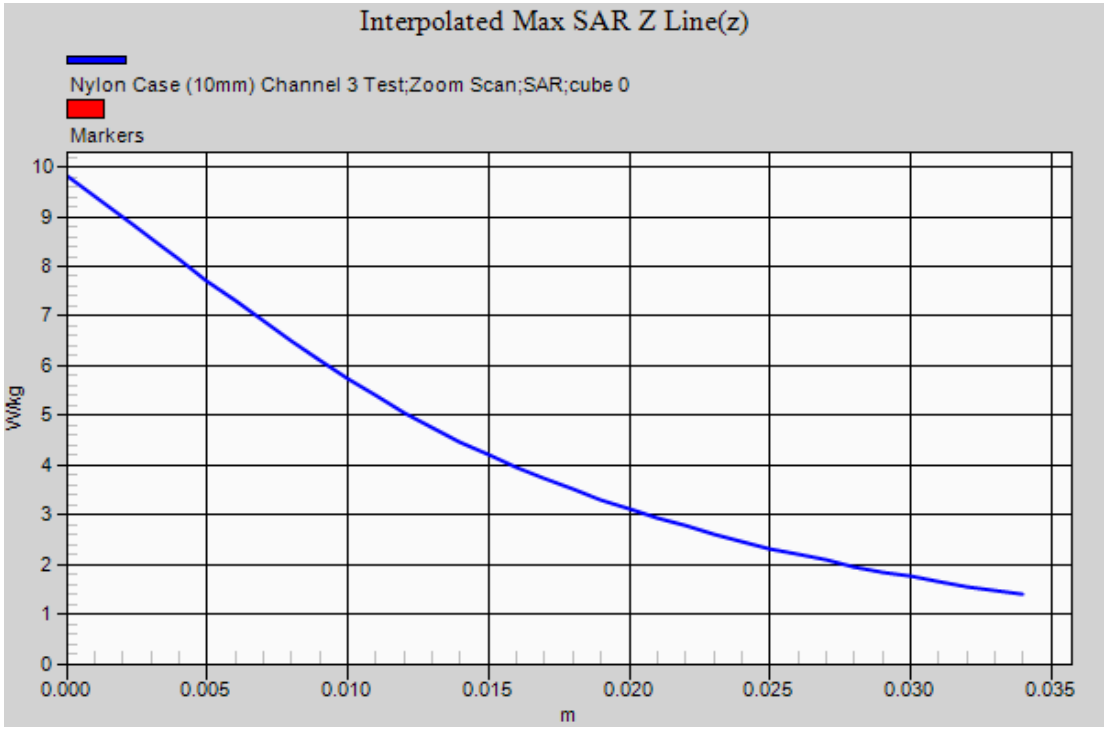
Reference Value = 49.721 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 9.823 mW/g
SAR(1 g) = 8.09 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.14 W/kg



0 dB = 8.51 W/kg = 18.60 dB W/kg

SAR MEASUREMENT PLOT 9

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**41.0 %**



Test Date: 22 October 2012
File Name: M121023 850 MHz Body Worn Antenna Quarter-wave 22-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

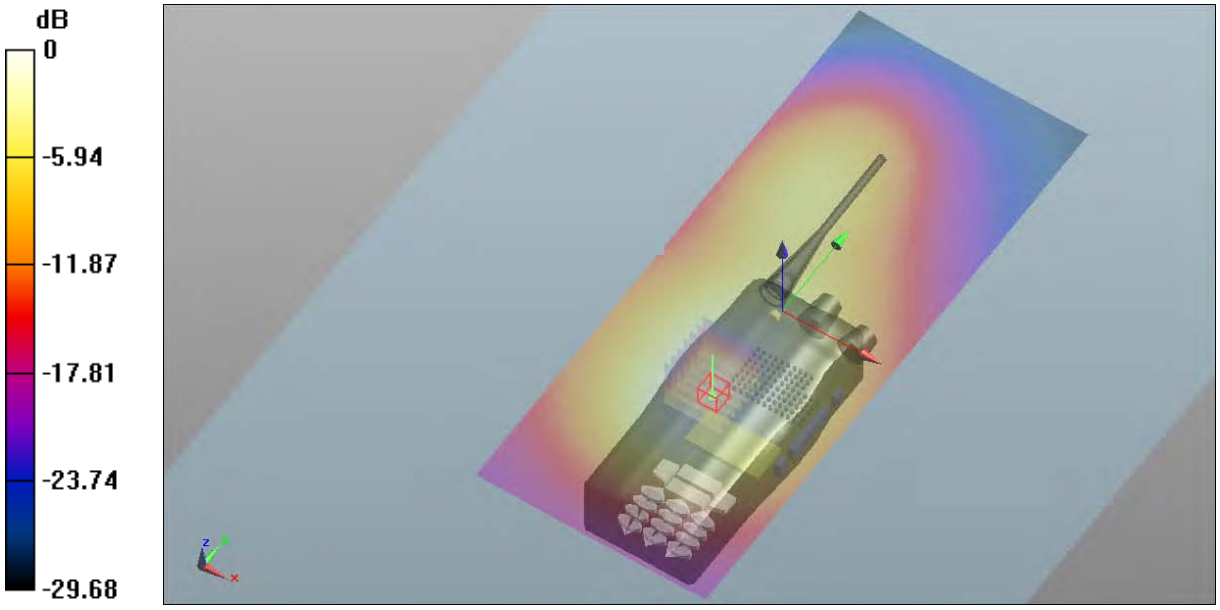
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.952 mho/m; ε_r = 53.752; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 3 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.57 W/kg

Configuration/Nylon Case (10mm) Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

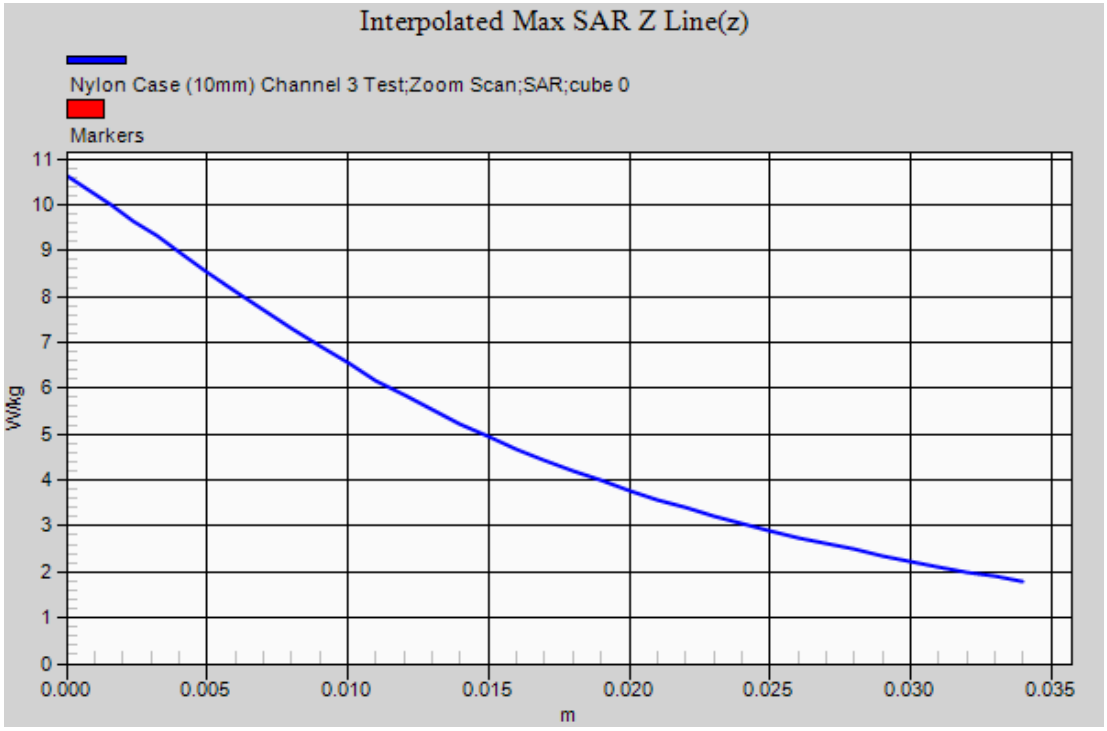
Reference Value = 46.904 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 10.629 mW/g
SAR(1 g) = 8.93 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.97 W/kg



0 dB = 9.57 W/kg = 19.62 dB W/kg

SAR MEASUREMENT PLOT 10

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**41.0 %**



Test Date: 25 October 2012
File Name: M121023 800 MHz Body Worn Antenna Helical 25-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

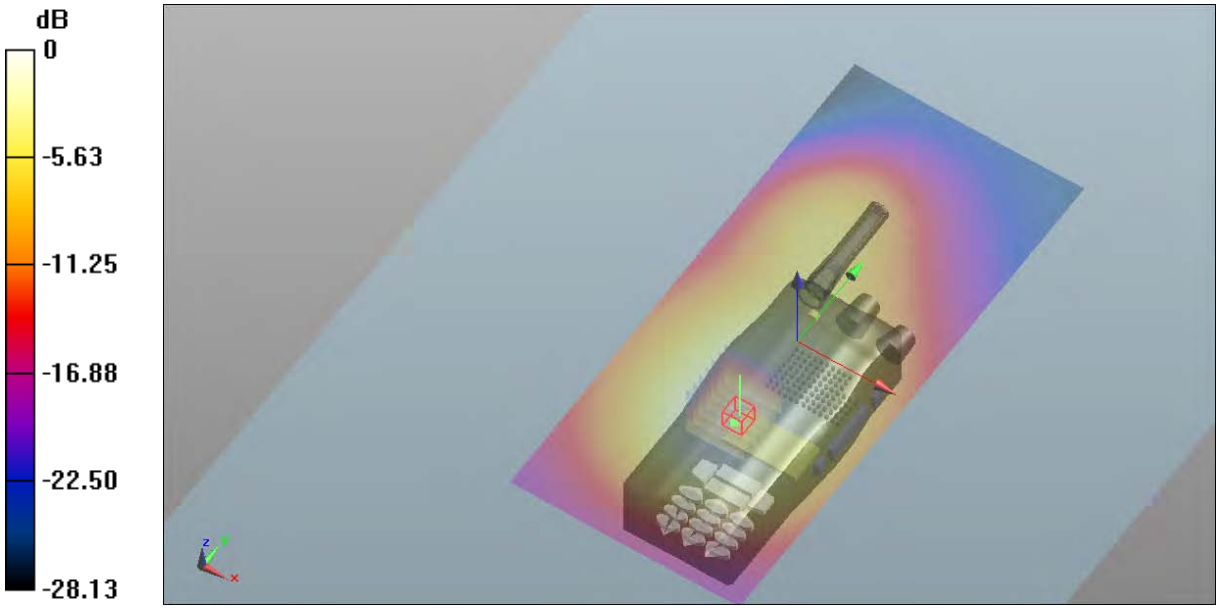
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.95 mho/m; ε_r = 53.489; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.49 W/kg

Configuration/Nylon Case (10mm) Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

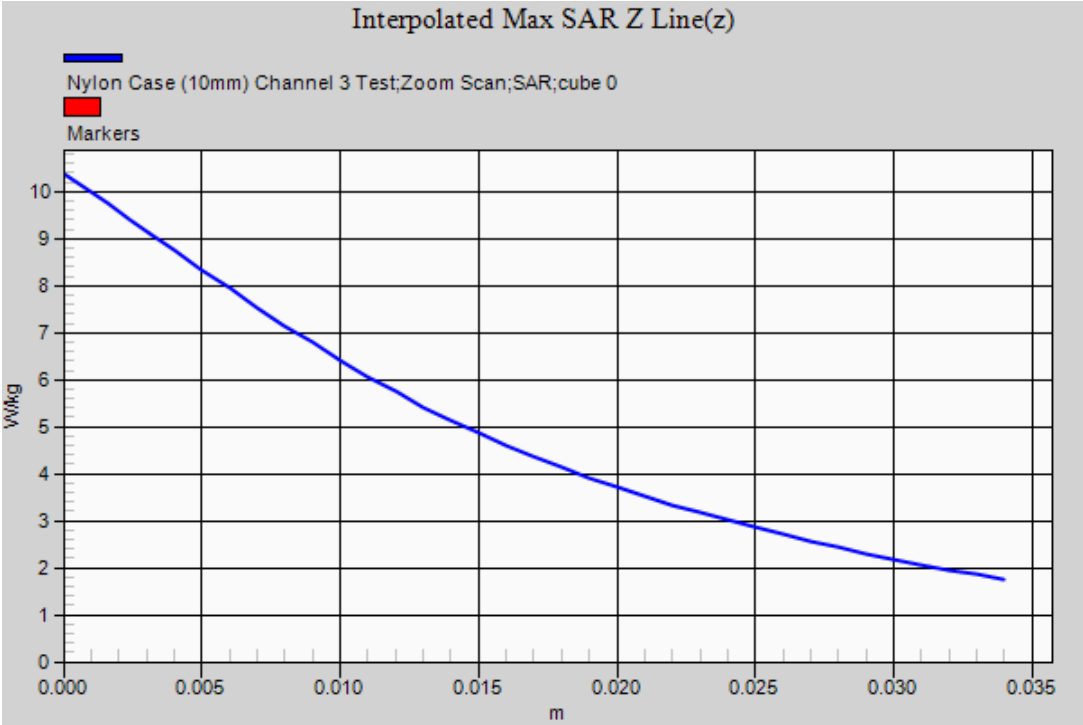
Reference Value = 42.821 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 10.381 mW/g
SAR(1 g) = 8.76 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.75 W/kg



0 dB = 9.49 W/kg = 19.55 dB W/kg

SAR MEASUREMENT PLOT 11

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 23 October 2012
File Name: M121023 850 MHz Body Worn Antenna Quarter-wave 23-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

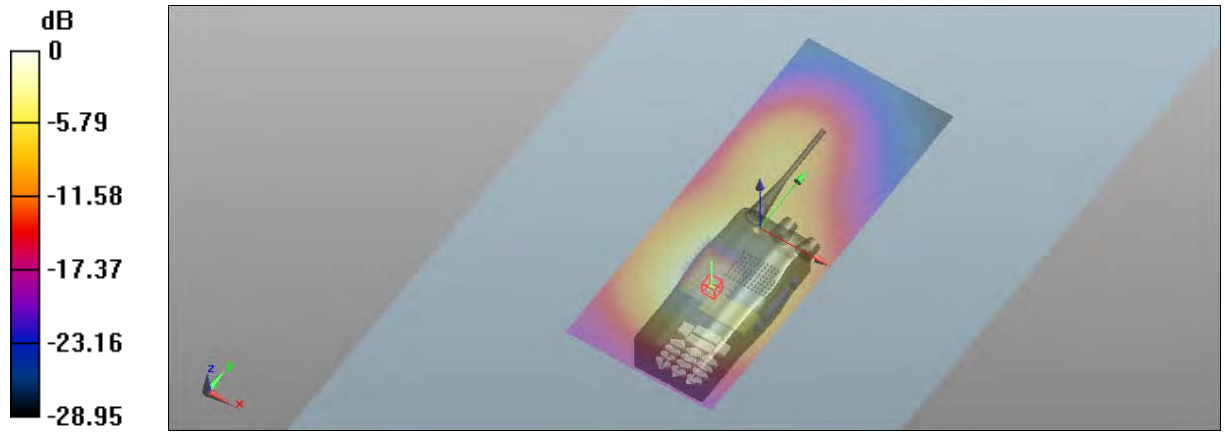
* Communication System: CW; Frequency: 823.987 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 824 MHz; σ = 0.962 mho/m; ε_r = 53.046; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 4 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.87 W/kg

Configuration/Nylon Case (10mm) Channel 4 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

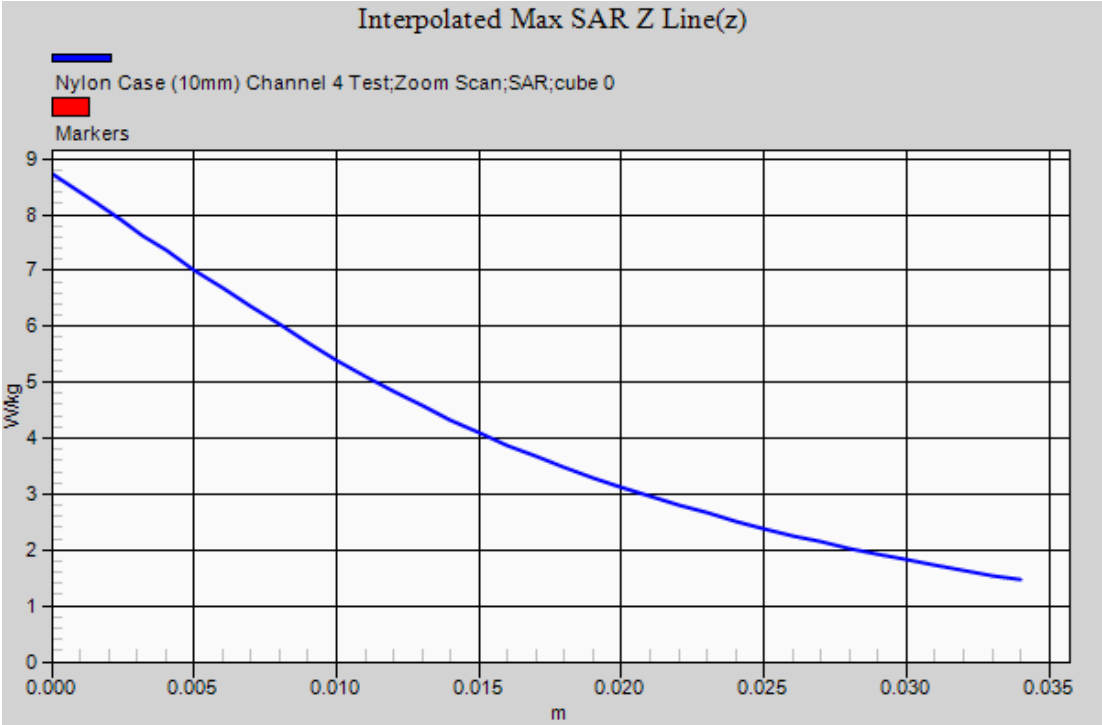
Reference Value = 36.665 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 8.730 mW/g
SAR(1 g) = 7.34 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.36 W/kg



0 dB = 7.87 W/kg = 17.92 dB W/kg

SAR MEASUREMENT PLOT 12

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**41.0 %**



Test Date: 25 October 2012
File Name: M121023 850 MHz Body Worn Antenna Helical 25-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

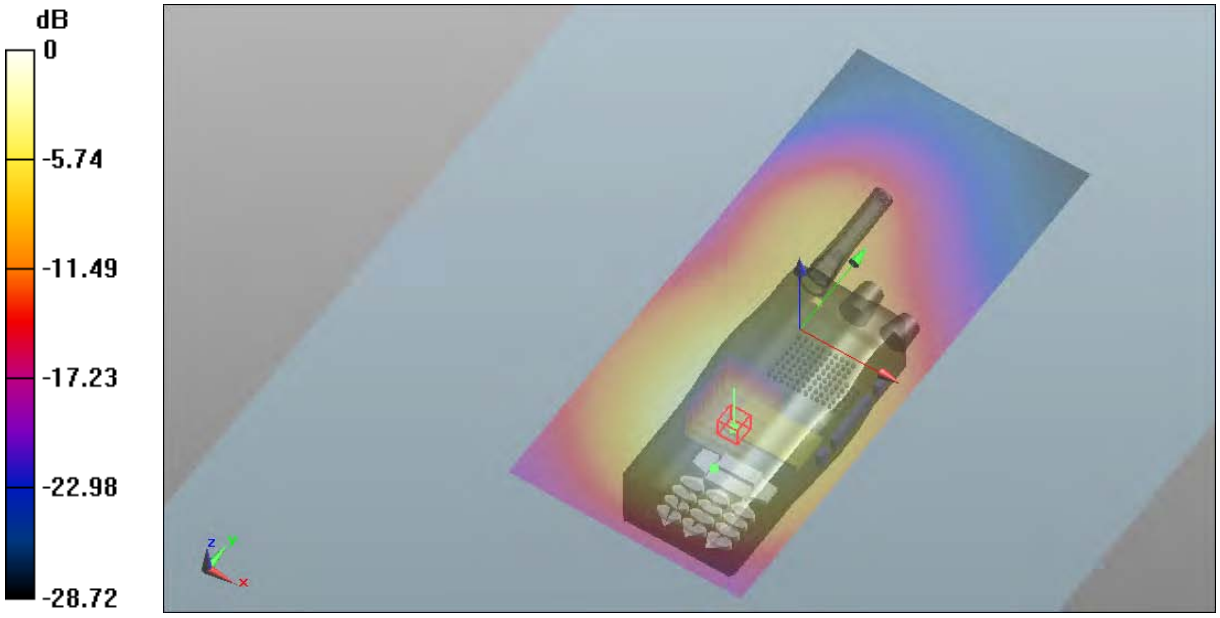
* Communication System: CW; Frequency: 823.987 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 824 MHz; σ = 0.965 mho/m; ε_r = 53.329; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 4 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.30 W/kg

Configuration/Nylon Case (10mm) Channel 4 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

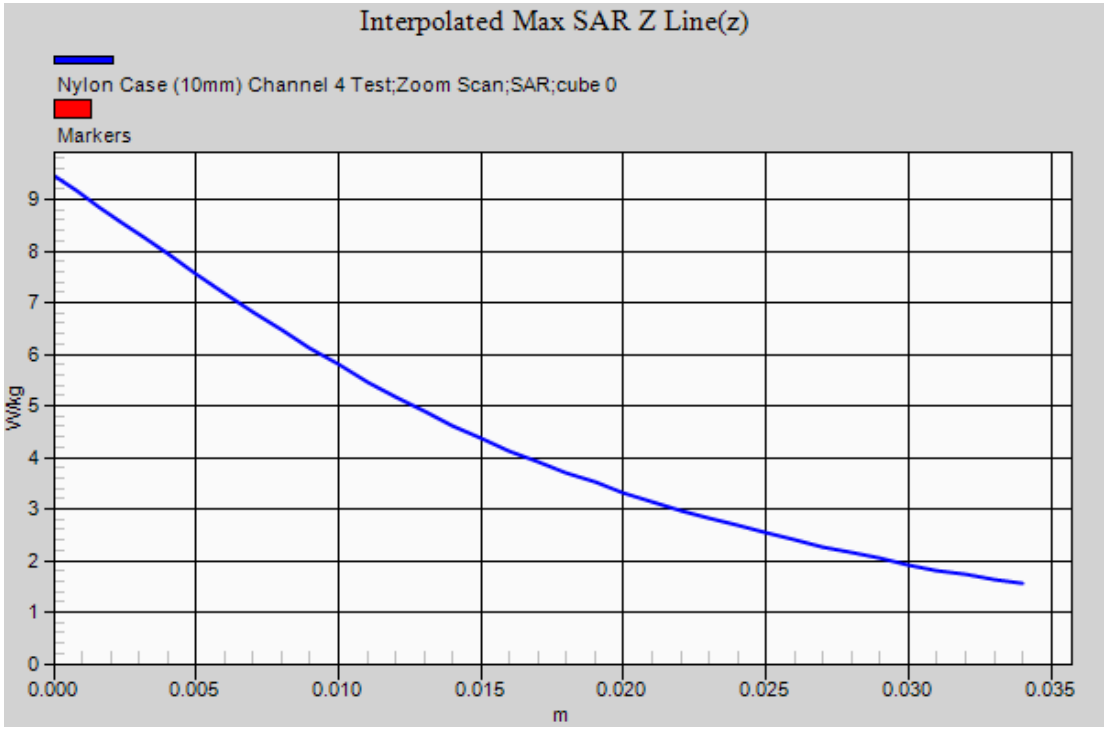
Reference Value = 36.480 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 9.460 mW/g
SAR(1 g) = 7.87 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.95 W/kg



0 dB = 8.30 W/kg = 18.38 dB W/kg

SAR MEASUREMENT PLOT 13

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 30 January 2013

File Name: M121023 750 MHz Body Worn Antenna Qarter-wave High Capacity Battery 30-01-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

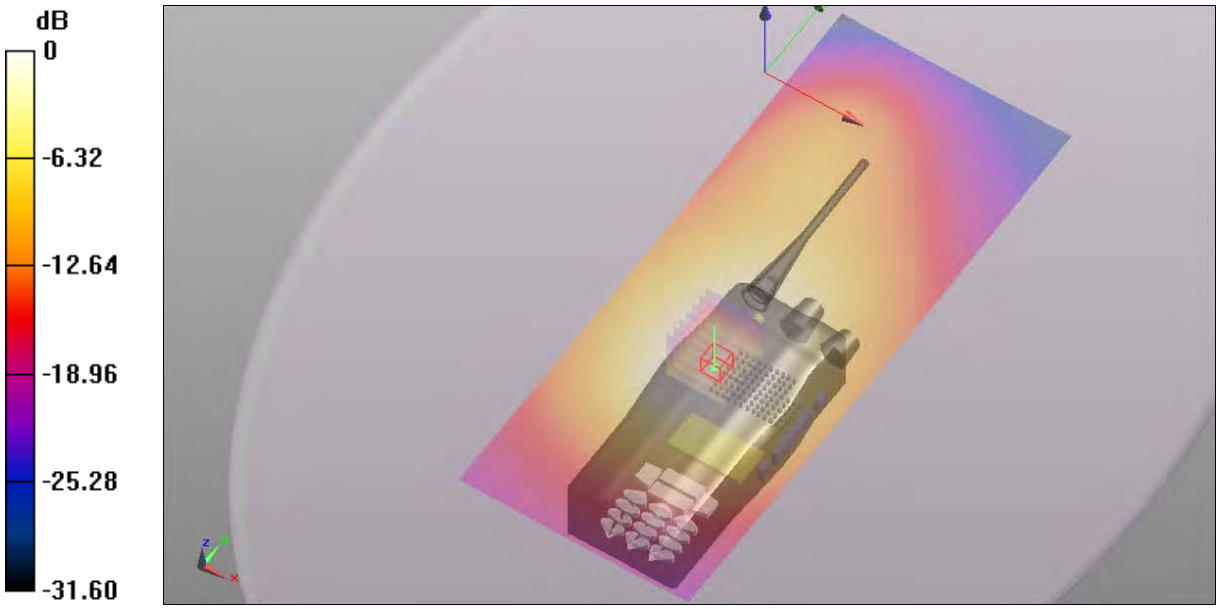
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.939 mho/m; ε_r = 53.922; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Nylon Case (10mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.47 W/kg

Configuration/Nylon Case (10mm) Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

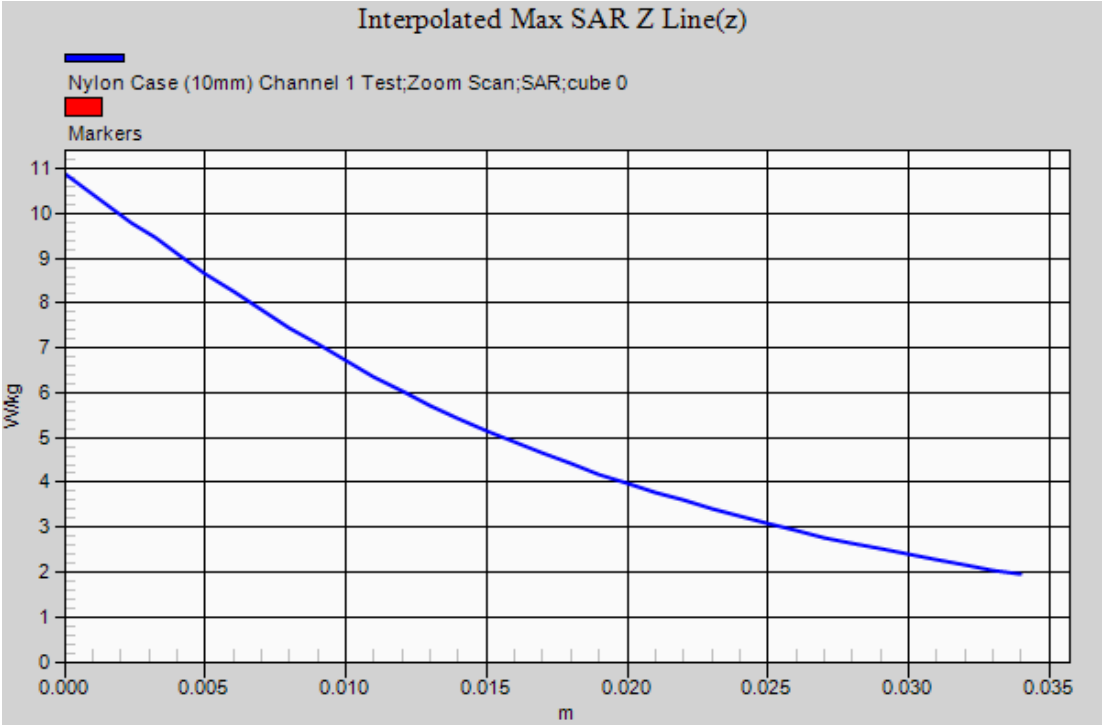
Reference Value = 48.872 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 10.883 mW/g
SAR(1 g) = 8.6 mW/g
Maximum value of SAR (measured) = 9.09 W/kg



0 dB = 9.47 W/kg = 19.53 dB W/kg

SAR MEASUREMENT PLOT 14

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**51.0 %**



Test Date: 30 January 2013
File Name: M121023 750 MHz Body Worn Antenna Hellical High Capacity Battery 30-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

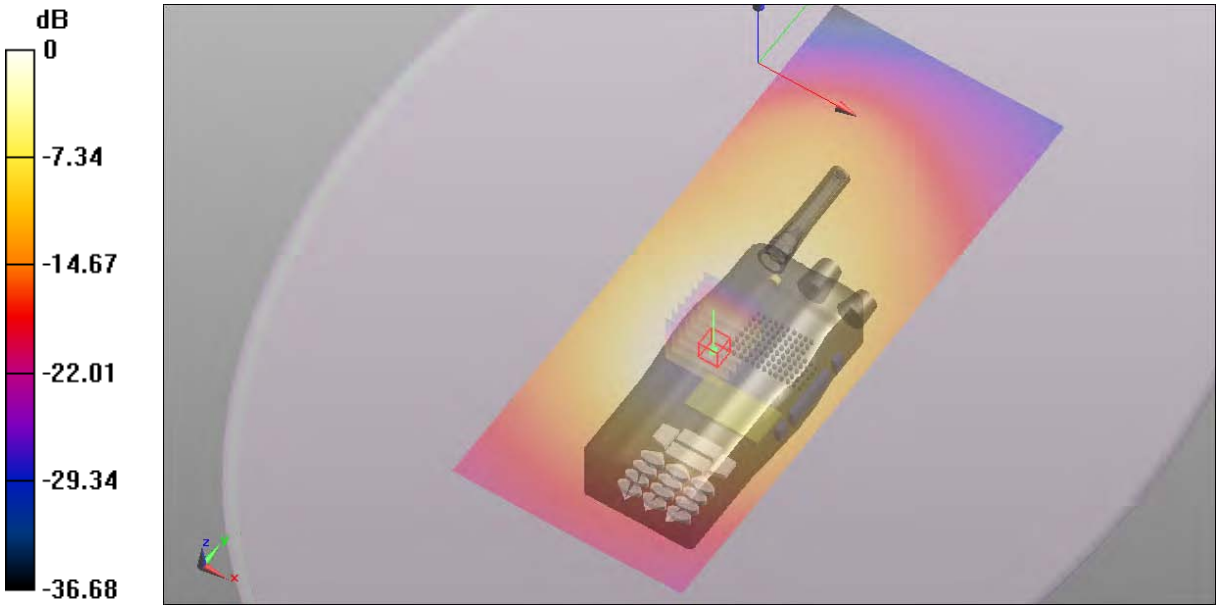
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.939 mho/m; ε_r = 53.922; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Nylon Case (10mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.4 W/kg

Configuration/Nylon Case (10mm) Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

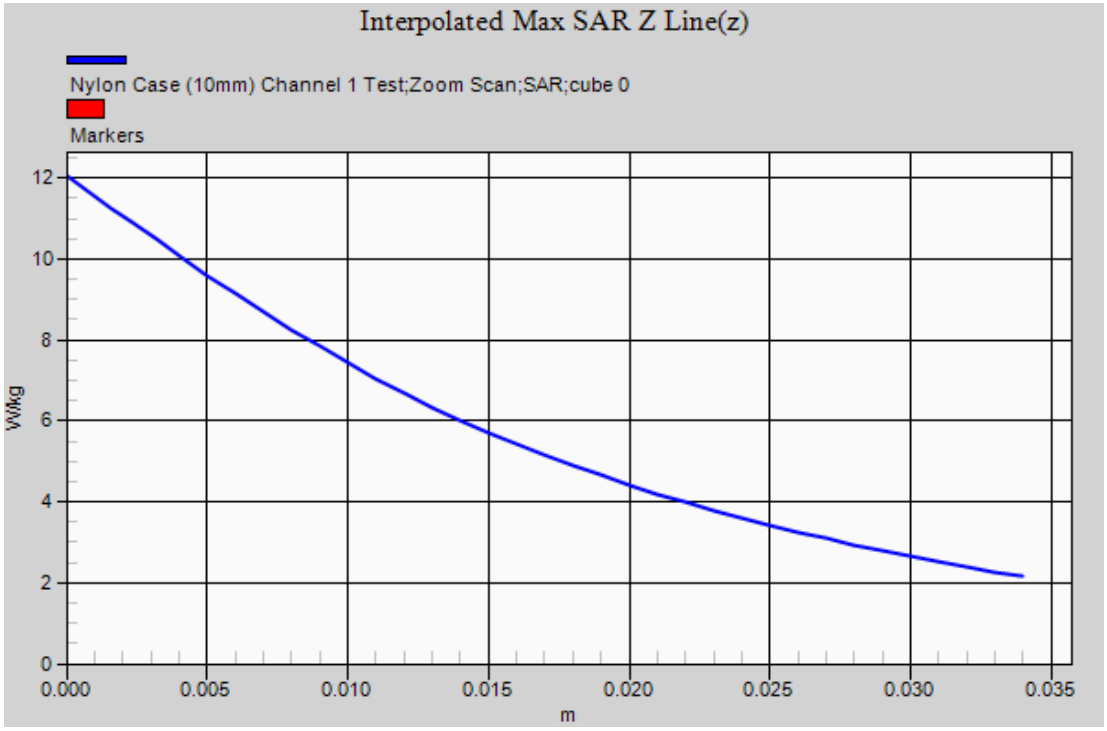
Reference Value = 53.332 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 12.054 mW/g
SAR(1 g) = 9.53 mW/g
Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.4 W/kg = 20.34 dB W/kg

SAR MEASUREMENT PLOT 15

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**51.0 %**



Test Date: 24 October 2012

File Name: M121023 750 MHz Body Worn Antenna Quarter-wave High capacity Battery 24-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

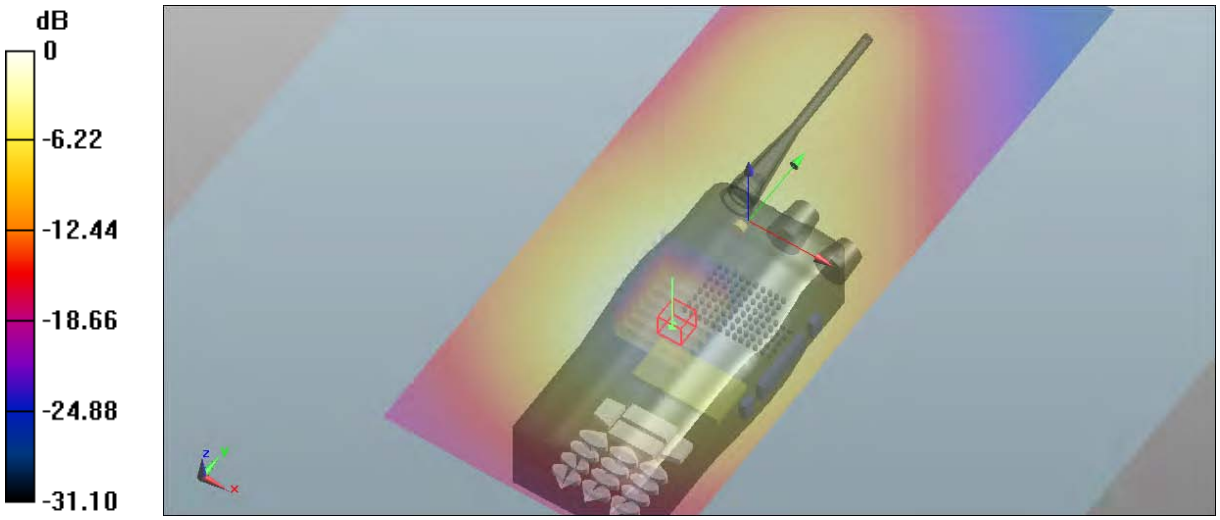
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.958 mho/m; ε_r = 57.419; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 2 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.0 W/kg

Configuration/Nylon Case (10mm) Channel 2 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

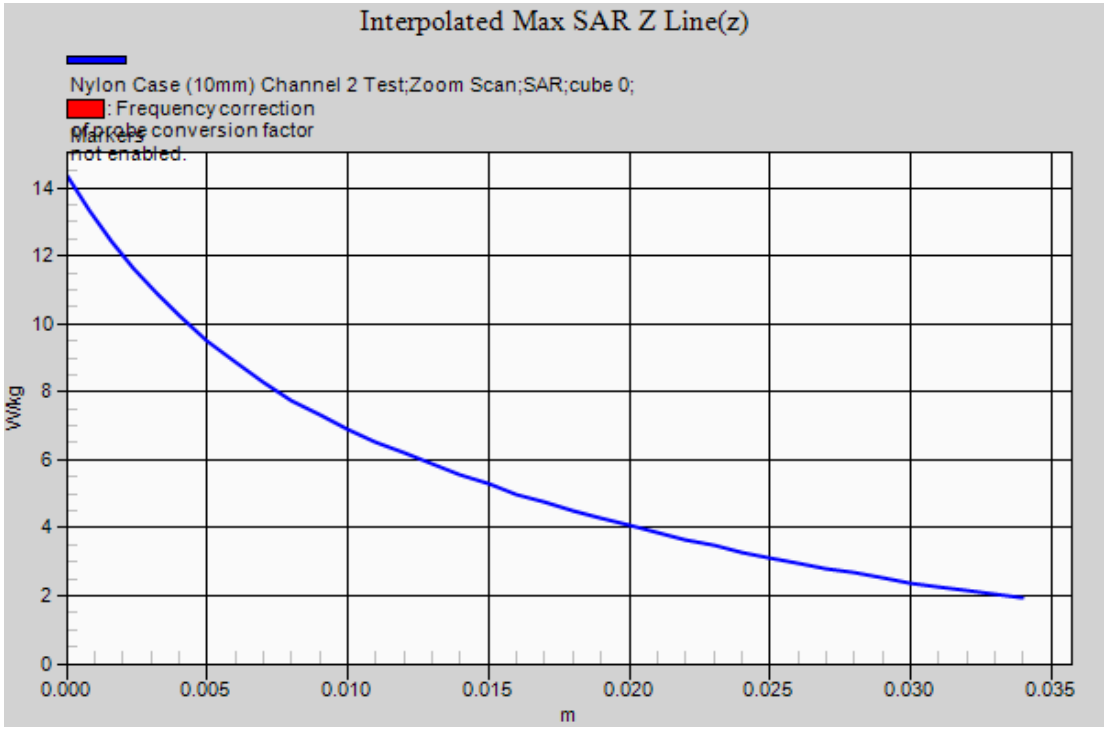
Reference Value = 40.154 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 14.359 mW/g
SAR(1 g) = 9.75 mW/g
Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 11.0 W/kg = 20.83 dB W/kg

SAR MEASUREMENT PLOT 16

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**37.0%**



Test Date: 26 October 2012

File Name: M121023 750 MHz Body Worn Antenna Helical High capacity Battery 26-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

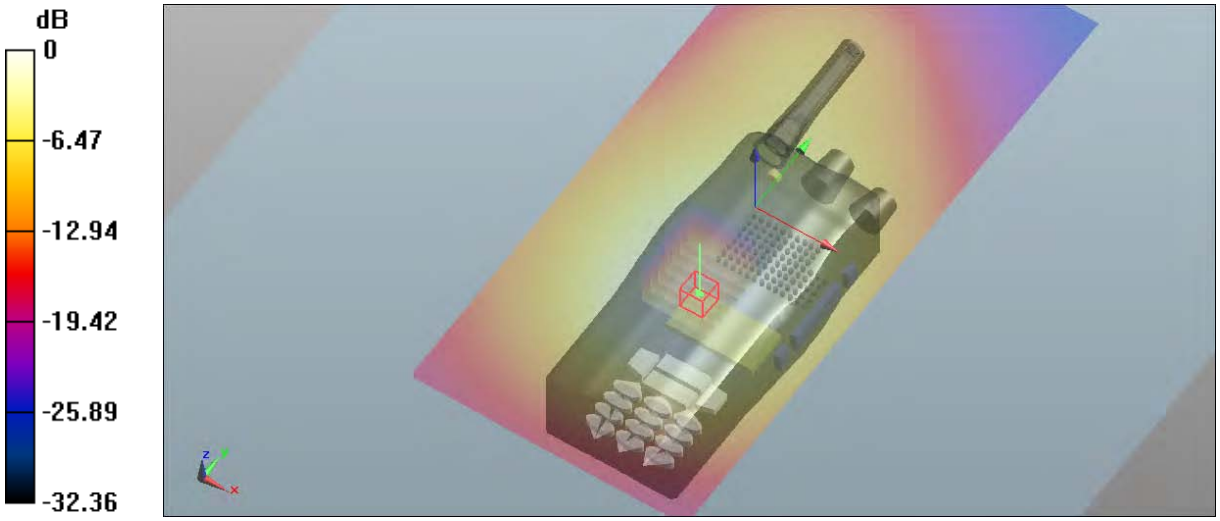
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.968 mho/m; ε_r = 53.717; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Nylon Case (10mm) Channel 2 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.28 W/kg

Configuration/Nylon Case (10mm) Channel 2 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

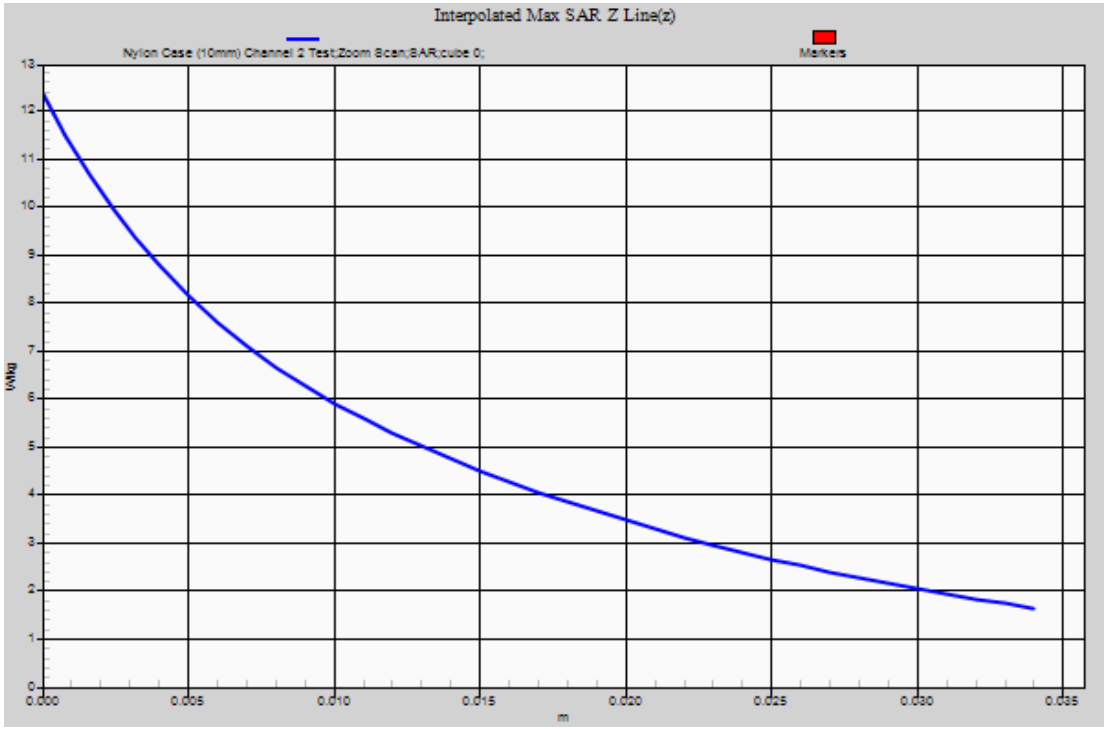
Reference Value = 36.917 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 12.353 mW/g
SAR(1 g) = 8.38 mW/g
Maximum value of SAR (measured) = 8.79 W/kg



0 dB = 9.28 W/kg = 19.35 dB W/kg

SAR MEASUREMENT PLOT 17

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**42.0%**



Test Date: 01 February 2013
File Name: M121023 850 MHz Body Worn Antenna Quarter-wave High Capacity Battery 01-02-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

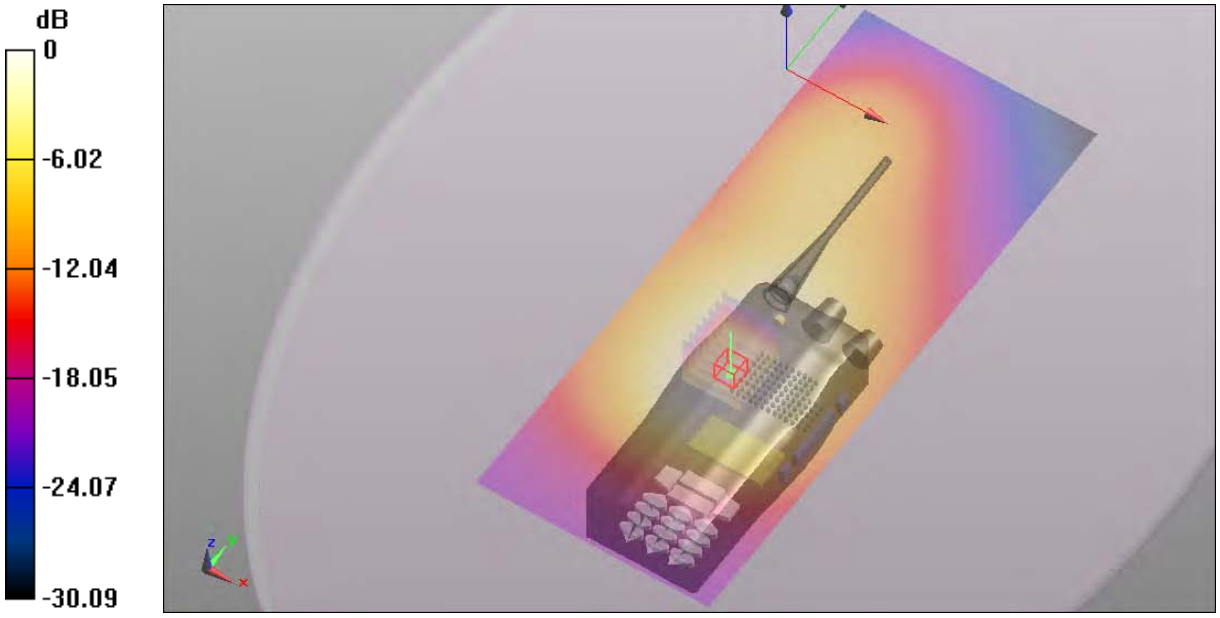
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.947 mho/m; ε_r = 53.558; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6, 6, 6); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Nylon Case (10mm) Channel 3 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.03 W/kg

Configuration/Nylon Case (10mm) Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

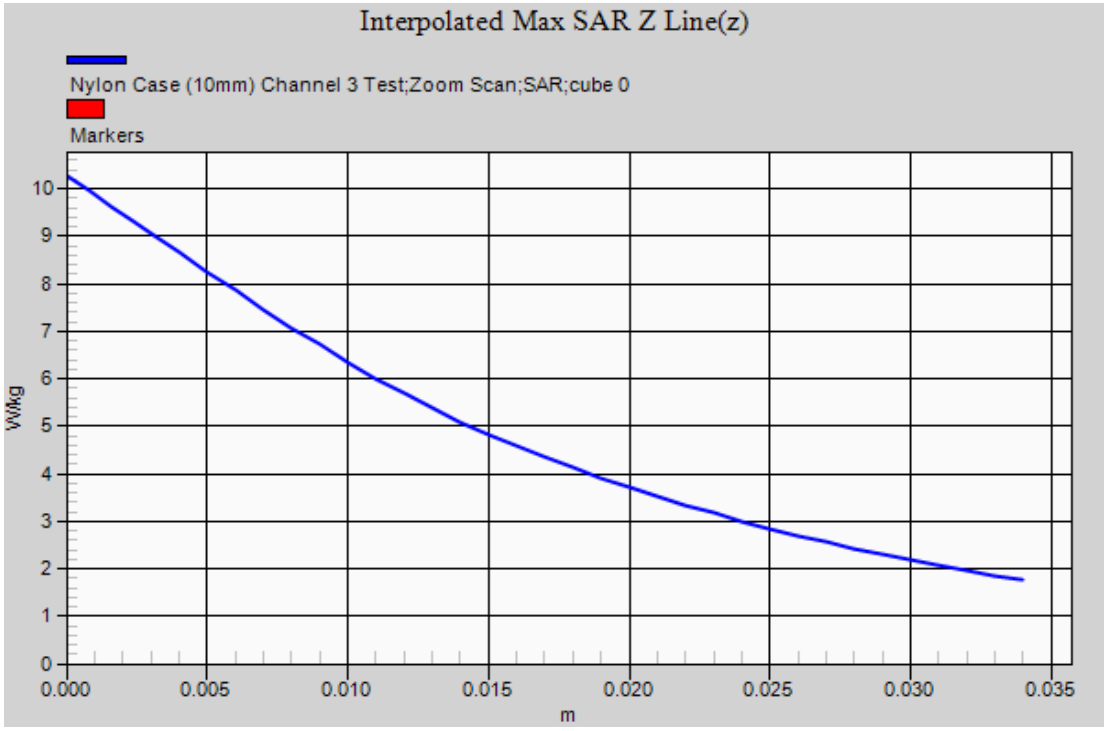
Reference Value = 48.404 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 10.270 mW/g
SAR(1 g) = 8.68 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.65 W/kg



0 dB = 9.03 W/kg = 19.11 dB W/kg

SAR MEASUREMENT PLOT 18

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 31 January 2013
File Name: M121023 850 MHz Body Worn Antenna Hellical High Capacity Battery 31-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

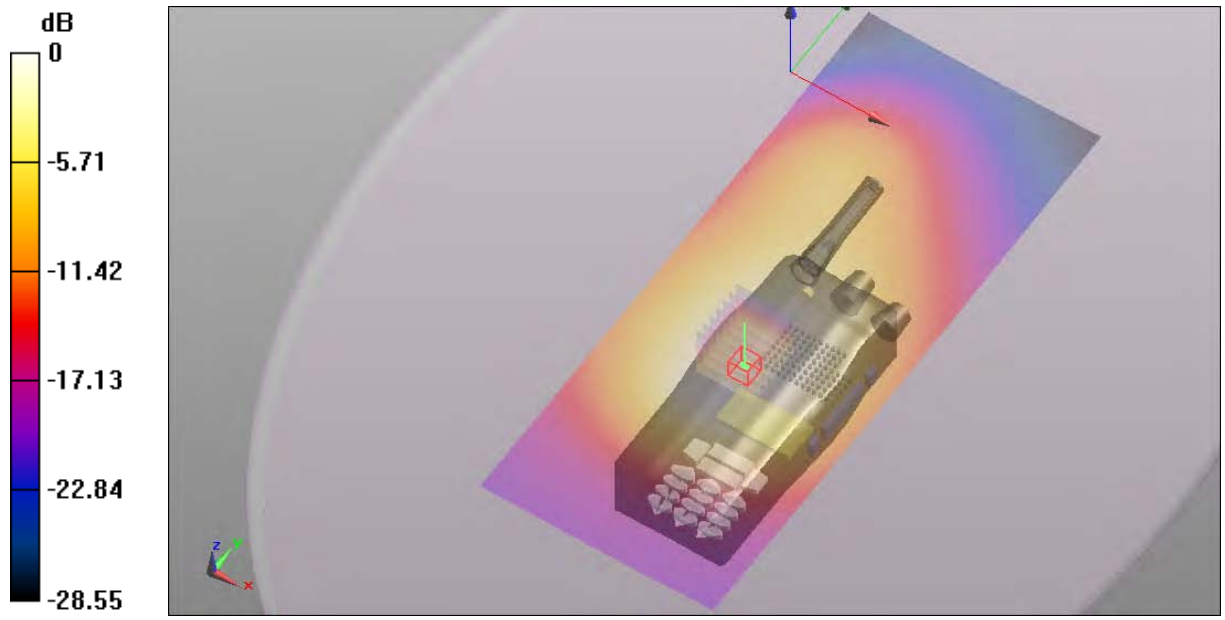
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.939 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6, 6, 6); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Nylon Case (10mm) Channel 3 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.74 W/kg

Configuration/Nylon Case (10mm) Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

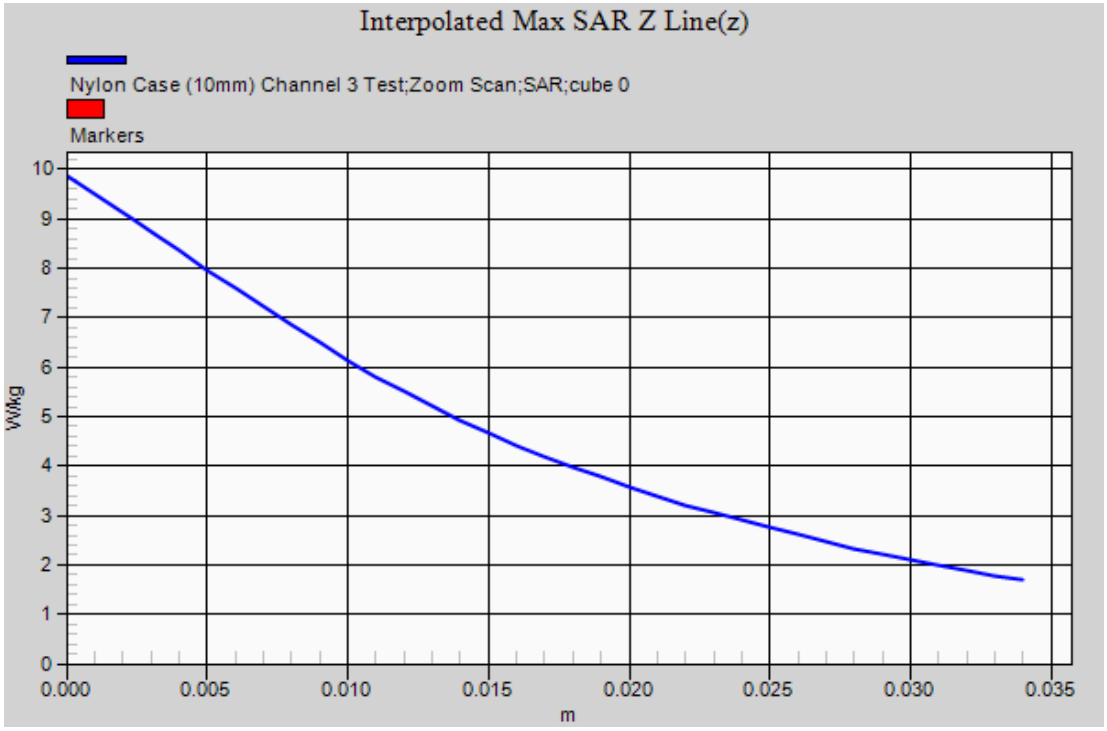
Reference Value = 50.545 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 9.871 mW/g
SAR(1 g) = 8.45 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.33 W/kg



0 dB = 8.74 W/kg = 18.83 dB W/kg

SAR MEASUREMENT PLOT 19

Ambient Temperature	**20.3 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**50.0 %**



Test Date: 01 February 2013

File Name: M121023 850 MHz Body Worn Antenna Quarter-wave High Capacity Battery 01-02-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

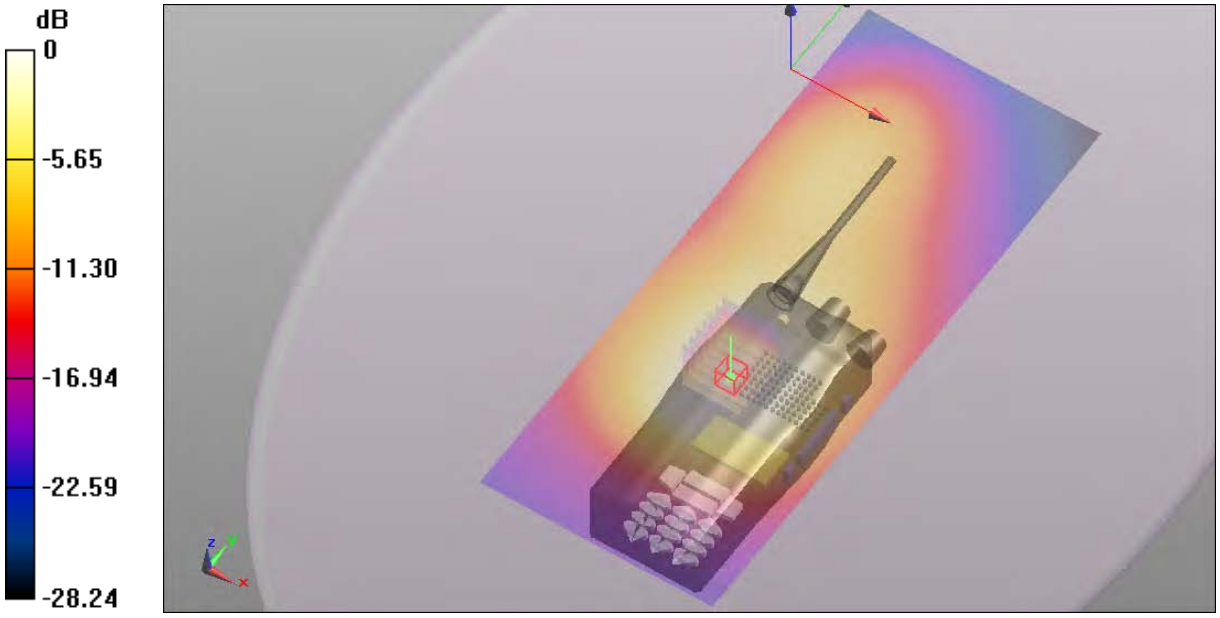
* Communication System: CW; Frequency: 823.987 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 824 MHz; σ = 0.963 mho/m; ε_r = 53.391; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6, 6, 6); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Nylon Case (10mm) Channel 4 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.70 W/kg

Configuration/Nylon Case (10mm) Channel 4 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

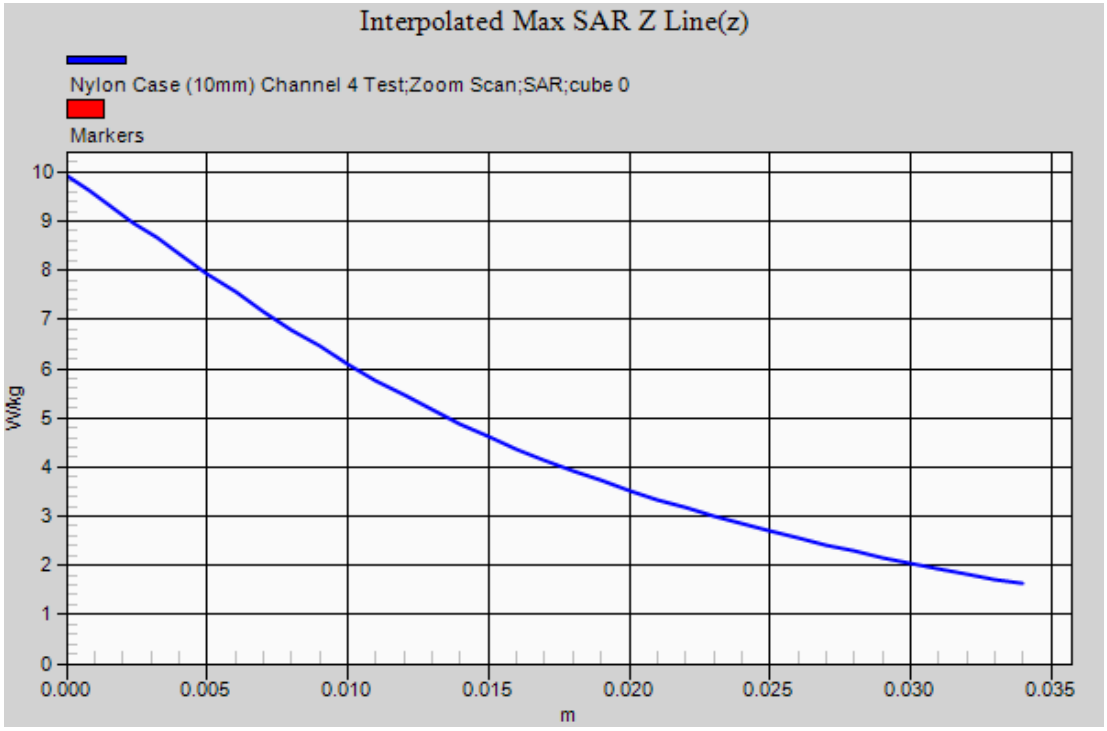
Reference Value = 45.784 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 9.922 mW/g
SAR(1 g) = 8.29 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.34 W/kg



0 dB = 8.70 W/kg = 18.79 dB W/kg

SAR MEASUREMENT PLOT 20

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 29 January 2013
File Name: M121023 750 MHz Body Worn Antenna Quarter-wave 29-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

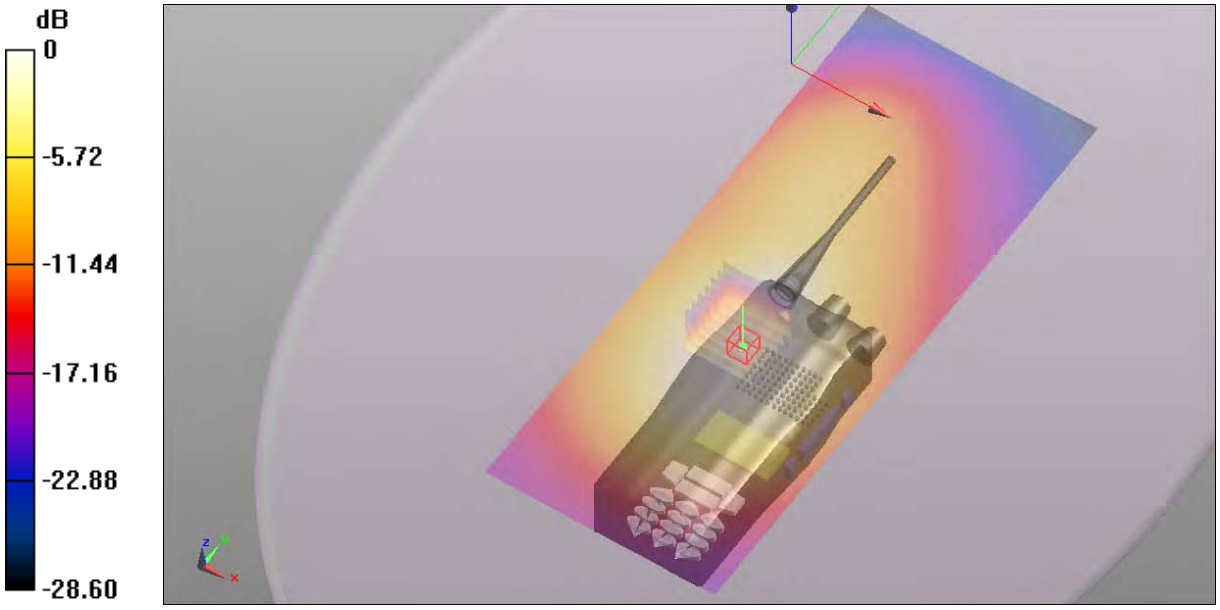
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.946 mho/m; ε_r = 54.664; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Battery Clip (14mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.70 W/kg

Configuration/Battery Clip (14mm) Channel 1 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

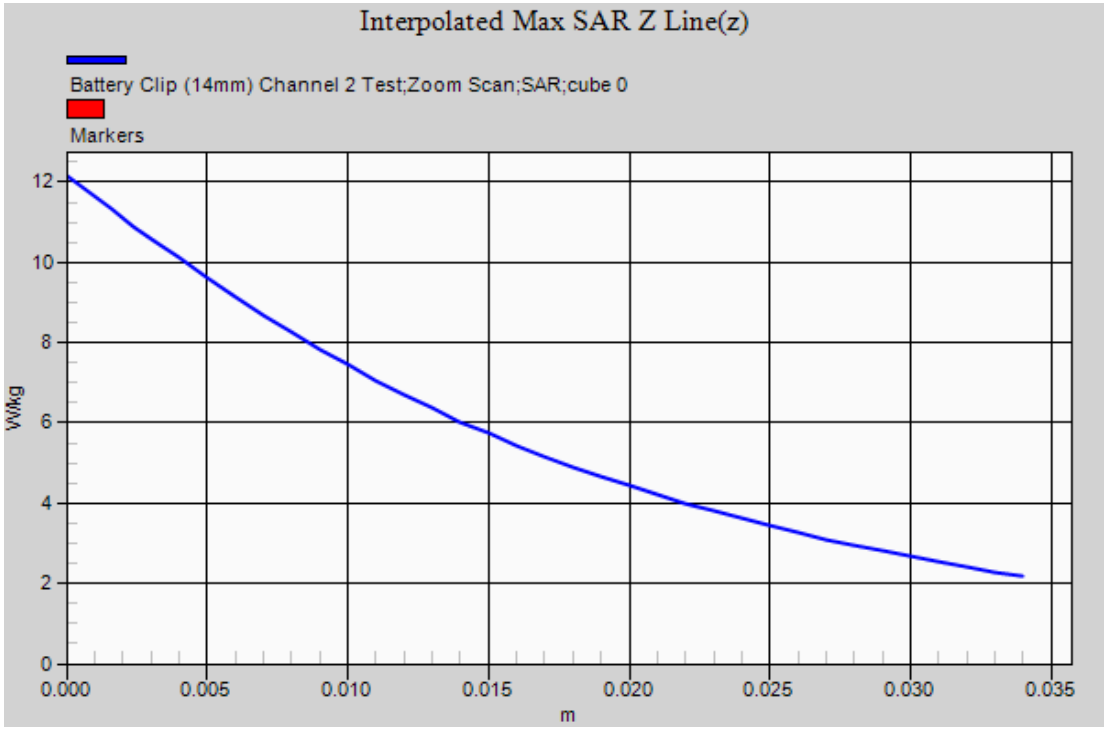
Reference Value = 54.429 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 12.157 mW/g
SAR(1 g) = 9.57 mW/g
Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 9.70 W/kg = 19.74 dB W/kg

SAR MEASUREMENT PLOT 21

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 29 January 2013
File Name: M121023 750 MHz Body Worn Antenna Hellical 29-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

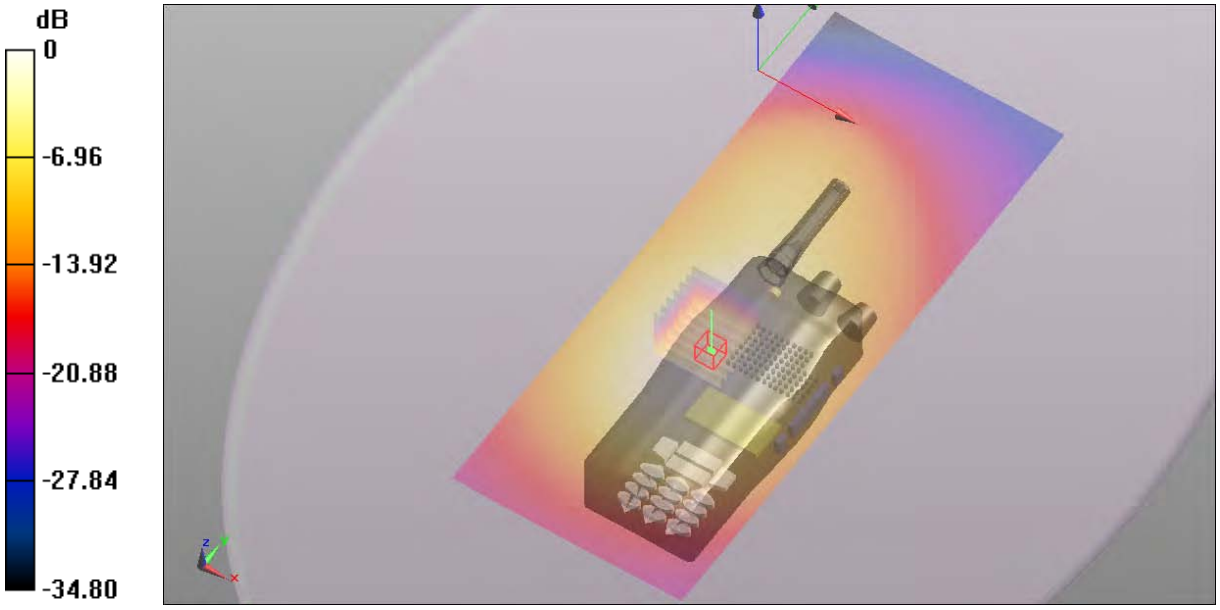
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.946 mho/m; ε_r = 54.664; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Battery Clip (14mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.1 W/kg

Configuration/Battery Clip (14mm) Channel 1 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

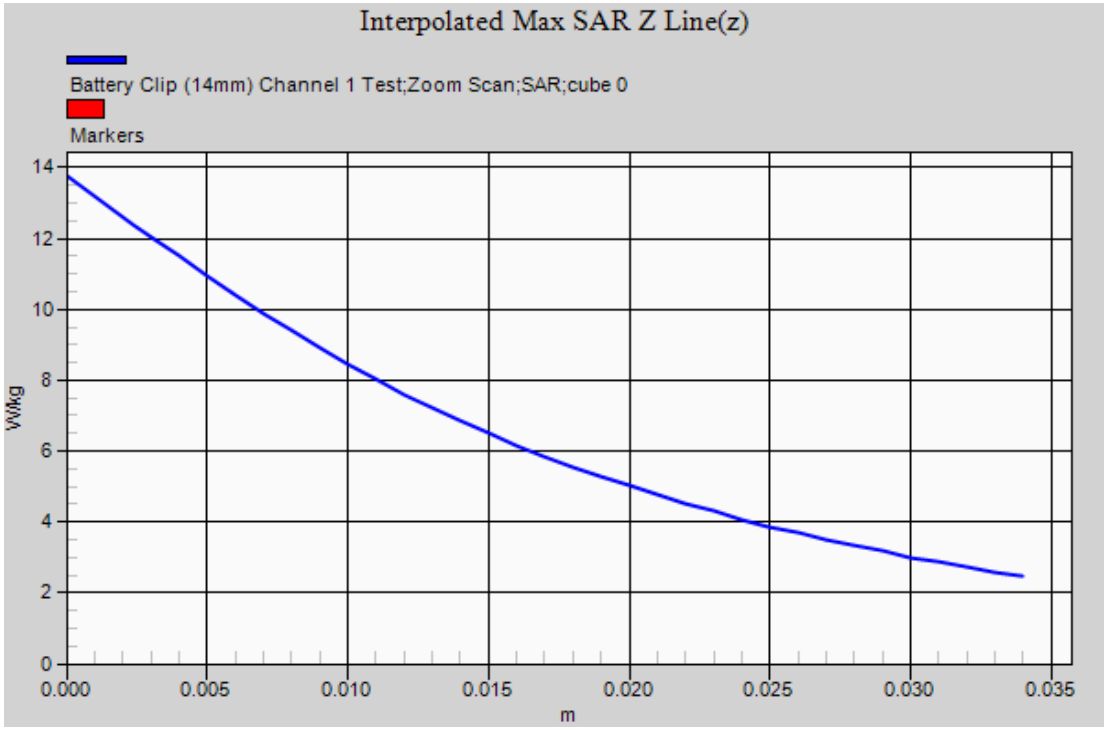
Reference Value = 58.519 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 13.768 mW/g
SAR(1 g) = 10.9 mW/g
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.1 W/kg = 20.91 dB W/kg

SAR MEASUREMENT PLOT 22

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 23 October 2012

File Name: M121023 750 MHz Body Worn Antenna Quarter-wave 23-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

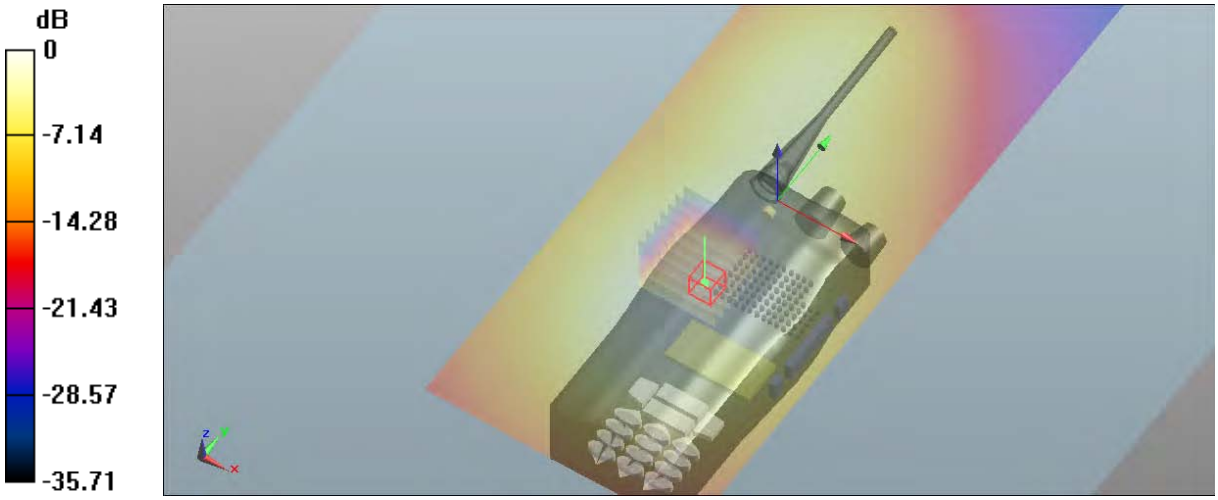
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.95 mho/m; ε_r = 55.794; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 2 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.3 W/kg

Configuration/Battery Clip (14mm) Channel 2 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

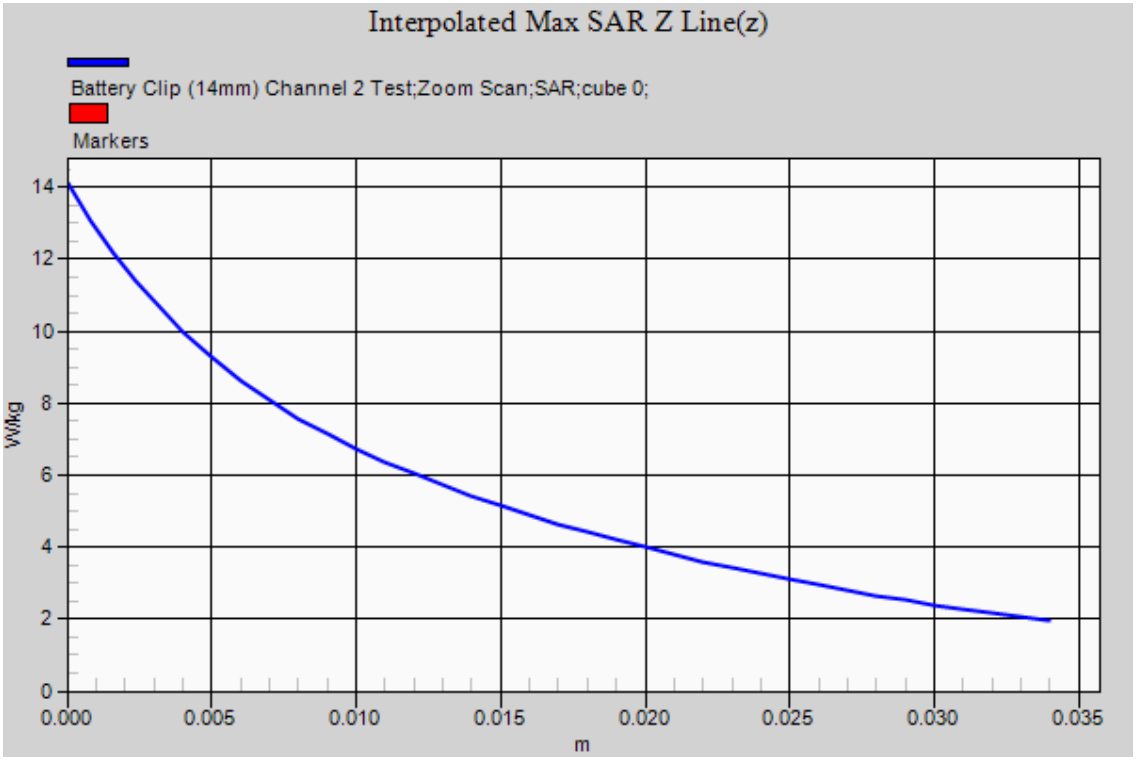
Reference Value = 57.341 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 14.120 mW/g
SAR(1 g) = 9.5 mW/g
Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.3 W/kg = 20.26 dB W/kg

SAR MEASUREMENT PLOT 23

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**41.0%**


Interpolated Max SAR Z Line(z)
Battery Clip (14mm) Channel 2 Test;Zoom Scan;SAR;cube 0;
Markers
W/kg
14
12
10
8
6
4
2
0
0.000
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Test Date: 26 October 2012

File Name: M121023 750 MHz Body Worn Antenna Helical 26-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.968 mho/m; ε_r = 53.717; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 2 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.5 W/kg

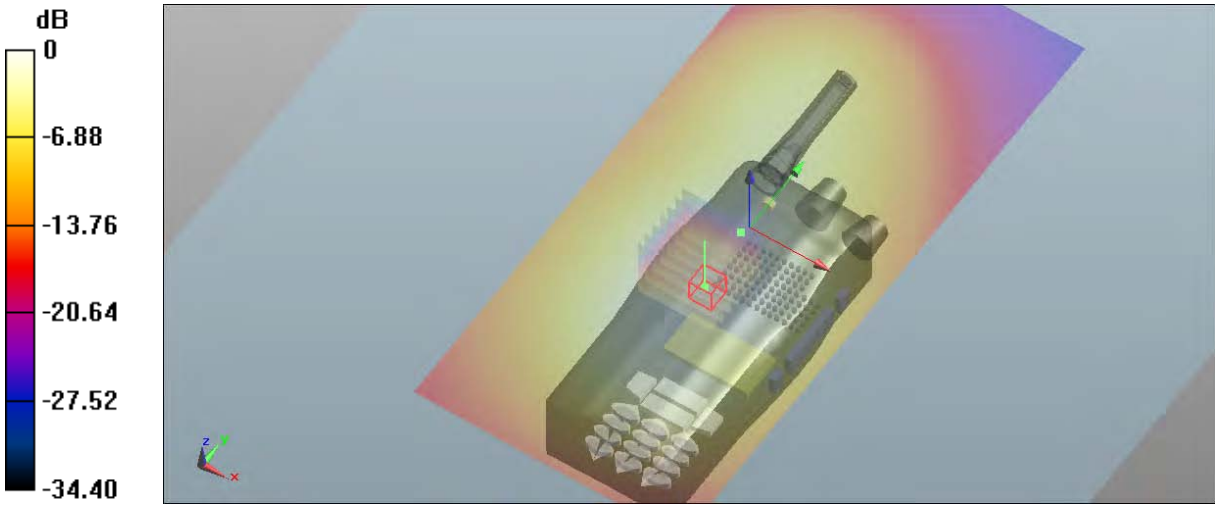
Configuration/Battery Clip (14mm) Channel 2 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.489 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 15.720 mW/g

SAR(1 g) = 10.6 mW/g

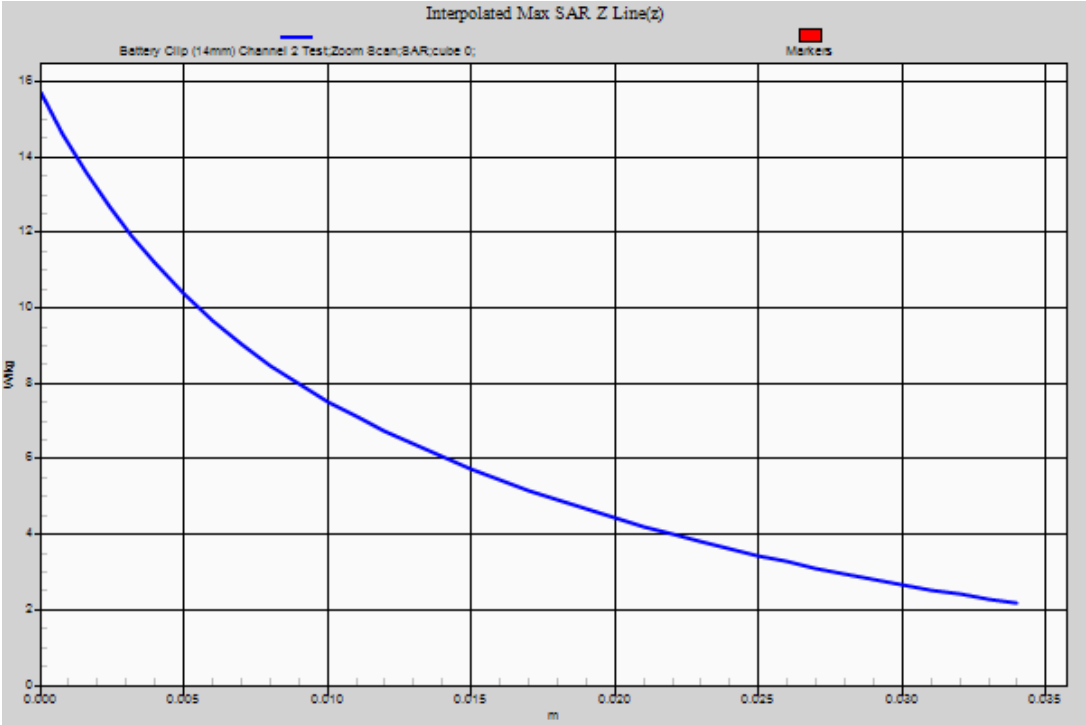
Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.5 W/kg = 21.21 dB W/kg

SAR MEASUREMENT PLOT 24

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**42.0%**



Test Date: 22 October 2012

File Name: M121023 800 MHz Body Worn Antenna Half-wave 22-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

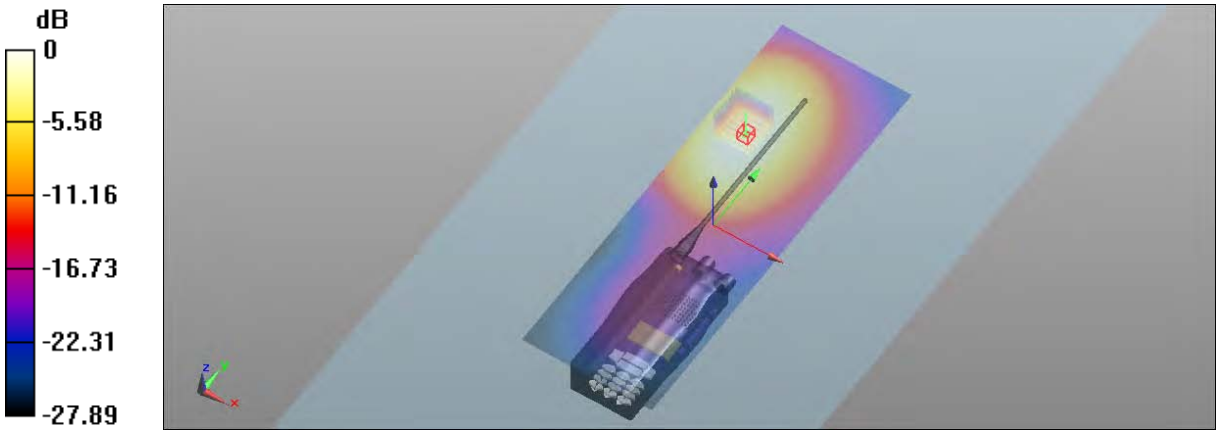
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.952 mho/m; ε_r = 53.752; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 3 Test/Area Scan (81x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.76 W/kg

Configuration/Battery Clip (14mm) Channel 3 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

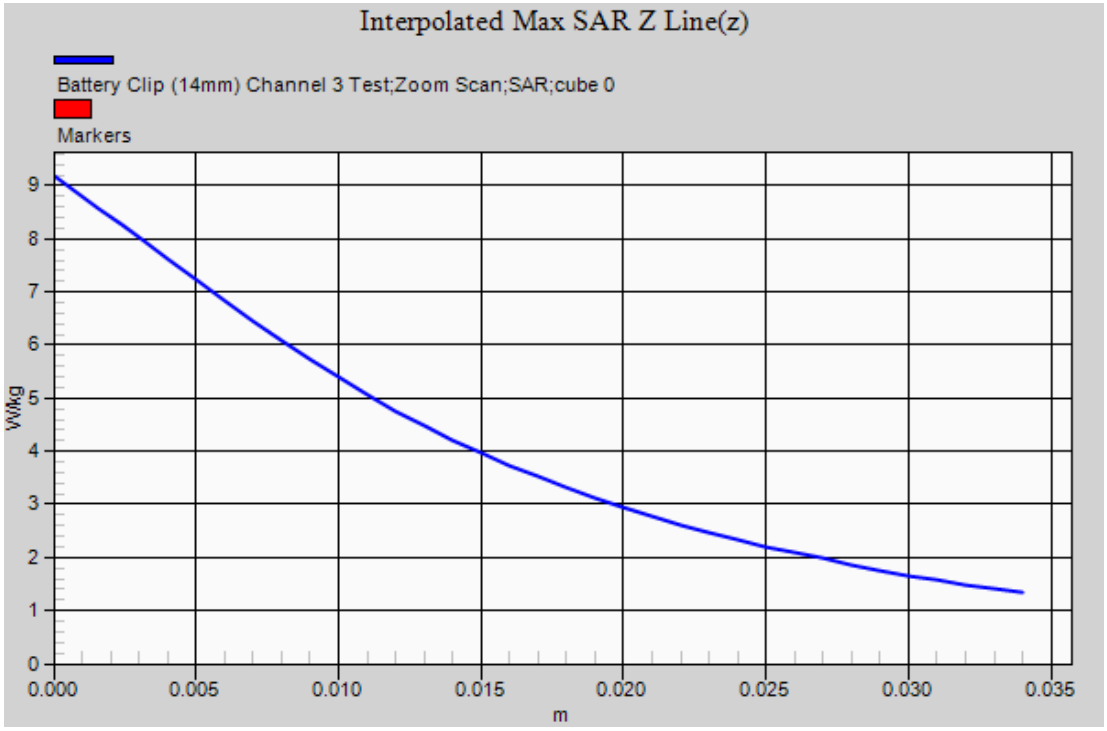
Reference Value = 51.099 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 9.187 mW/g
SAR(1 g) = 7.58 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.63 W/kg



0 dB = 7.76 W/kg = 17.80 dB W/kg

SAR MEASUREMENT PLOT 25

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**41.0 %**



Test Date: 22 October 2012
File Name: M121023 850 MHz Body Worn Antenna Quarter-wave 22-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

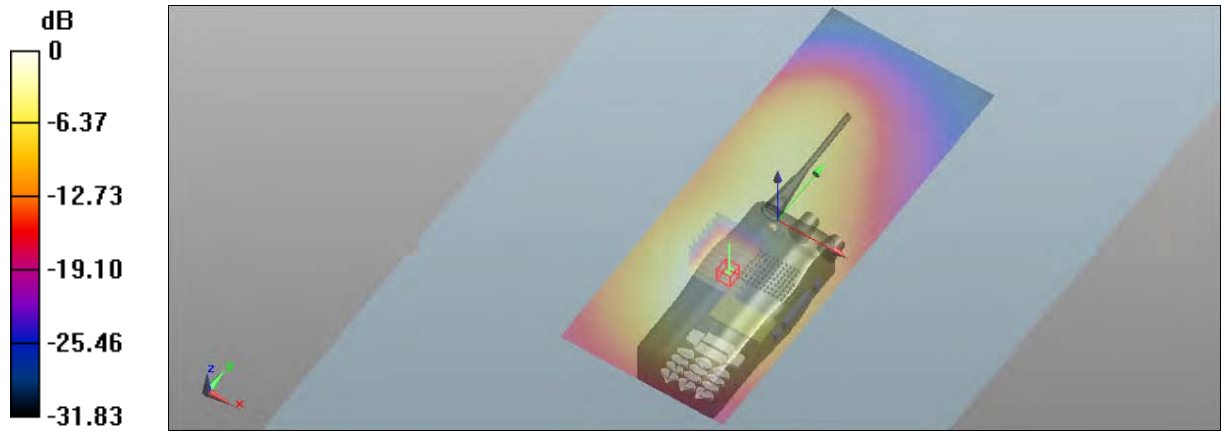
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.952 mho/m; ε_r = 53.752; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 3 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.55 W/kg

Configuration/Battery Clip (14mm) Channel 3 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

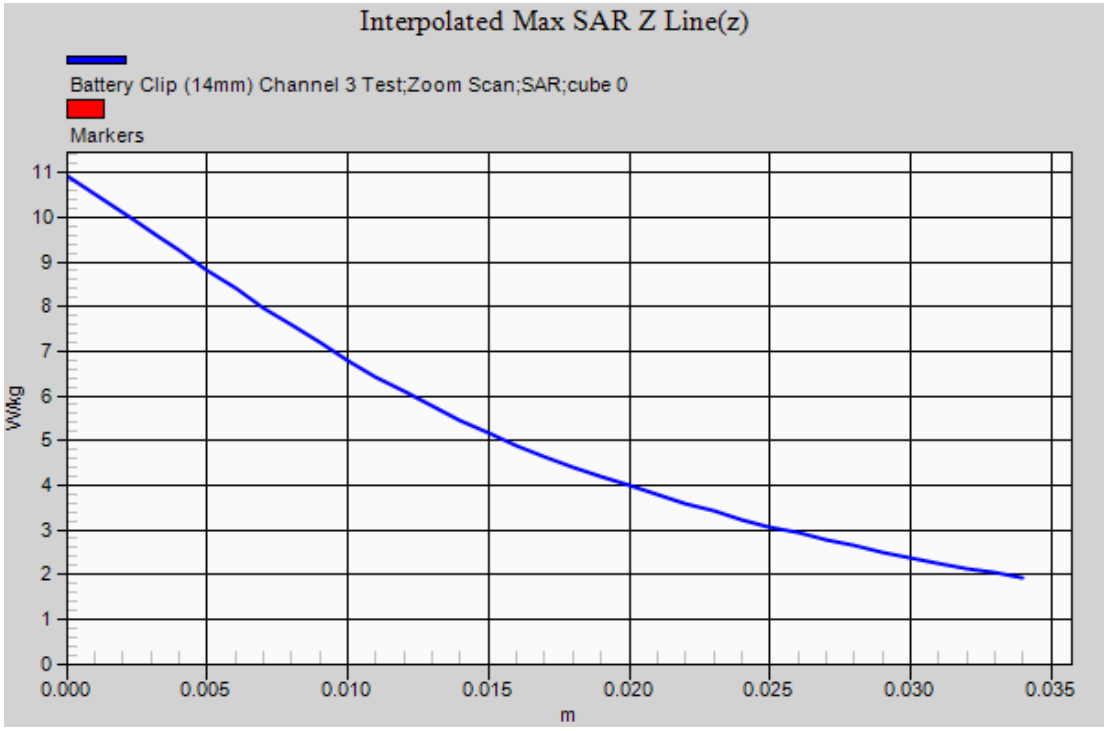
Reference Value = 55.431 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 10.929 mW/g
SAR(1 g) = 9.27 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.25 W/kg



0 dB = 9.55 W/kg = 19.60 dB W/kg

SAR MEASUREMENT PLOT 26

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**41.0 %**



Test Date: 25 October 2012
File Name: M121023 800 MHz Body Worn Antenna Helical 25-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

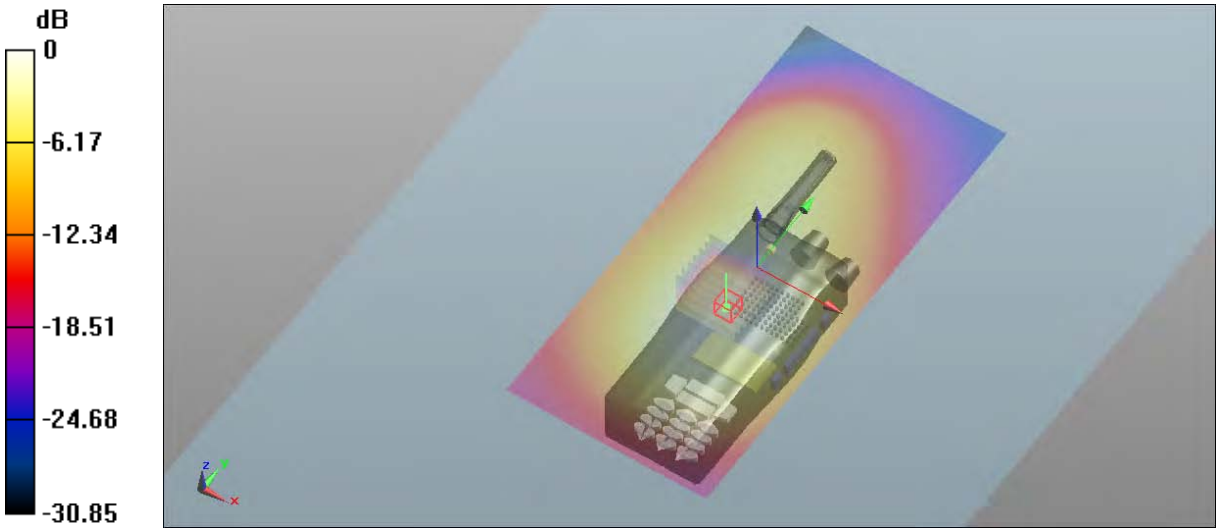
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.95 mho/m; ε_r = 53.489; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.4 W/kg

Configuration/Battery Clip (14mm) Channel 3 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

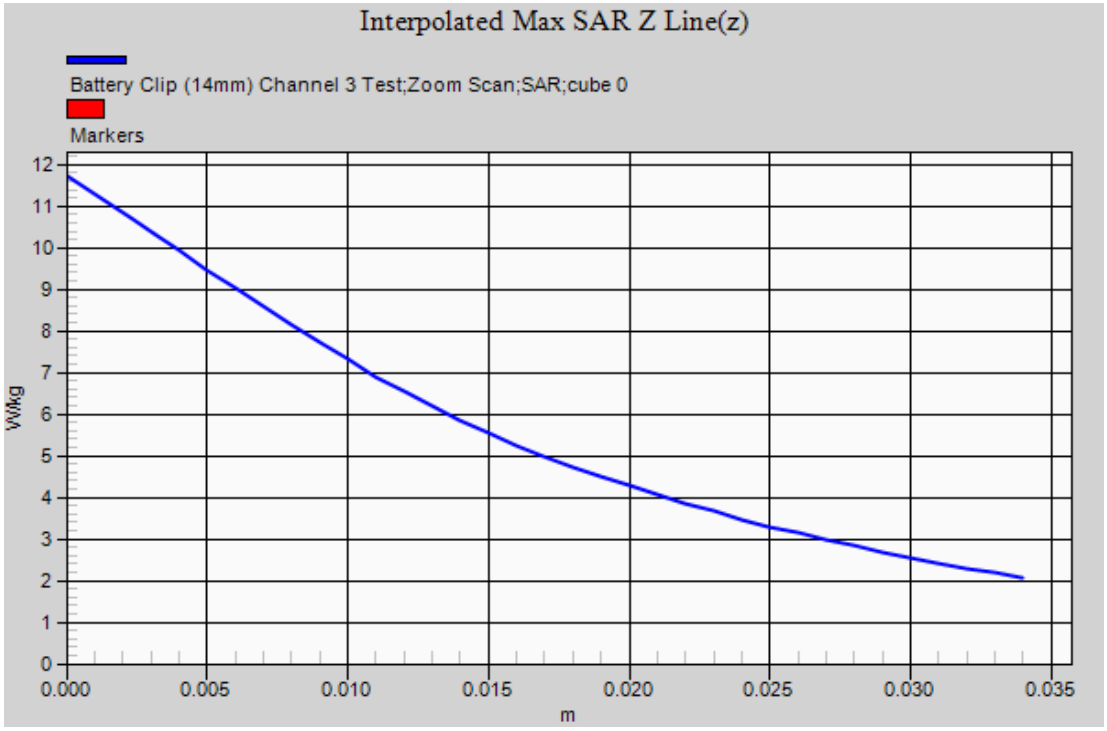
Reference Value = 53.914 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 11.728 mW/g
SAR(1 g) = 9.9 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.95 W/kg



0 dB = 10.4 W/kg = 20.34 dB W/kg

SAR MEASUREMENT PLOT 27

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 23 October 2012
File Name: M121023 850 MHz Body Worn Antenna Quarter-wave 23-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

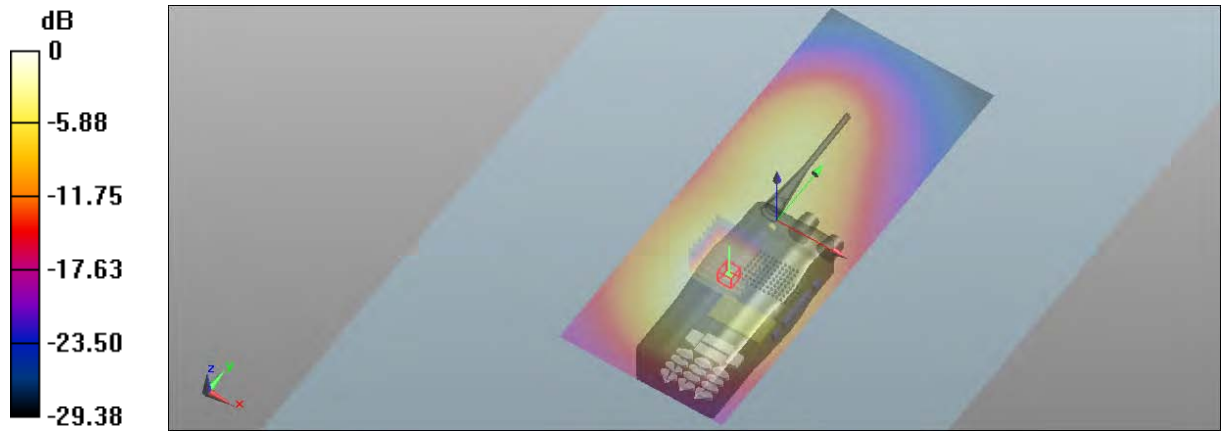
* Communication System: CW; Frequency: 823.987 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 824 MHz; σ = 0.962 mho/m; ε_r = 53.046; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 4 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.44 W/kg

Configuration/Battery Clip (14mm) Channel 4 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

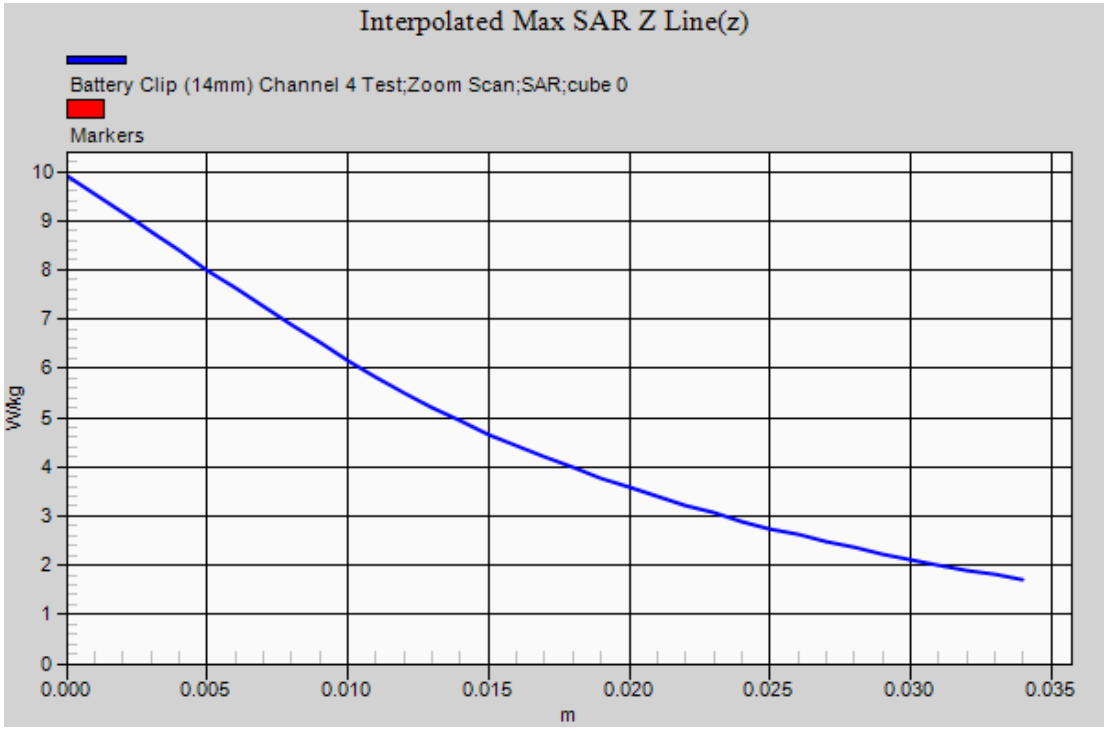
Reference Value = 52.491 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 9.910 mW/g
SAR(1 g) = 8.35 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.39 W/kg



0 dB = 8.44 W/kg = 18.53 dB W/kg

SAR MEASUREMENT PLOT 28

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**41.0 %**



Test Date: 25 October 2012
File Name: M121023 850 MHz Body Worn Antenna Helical 25-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

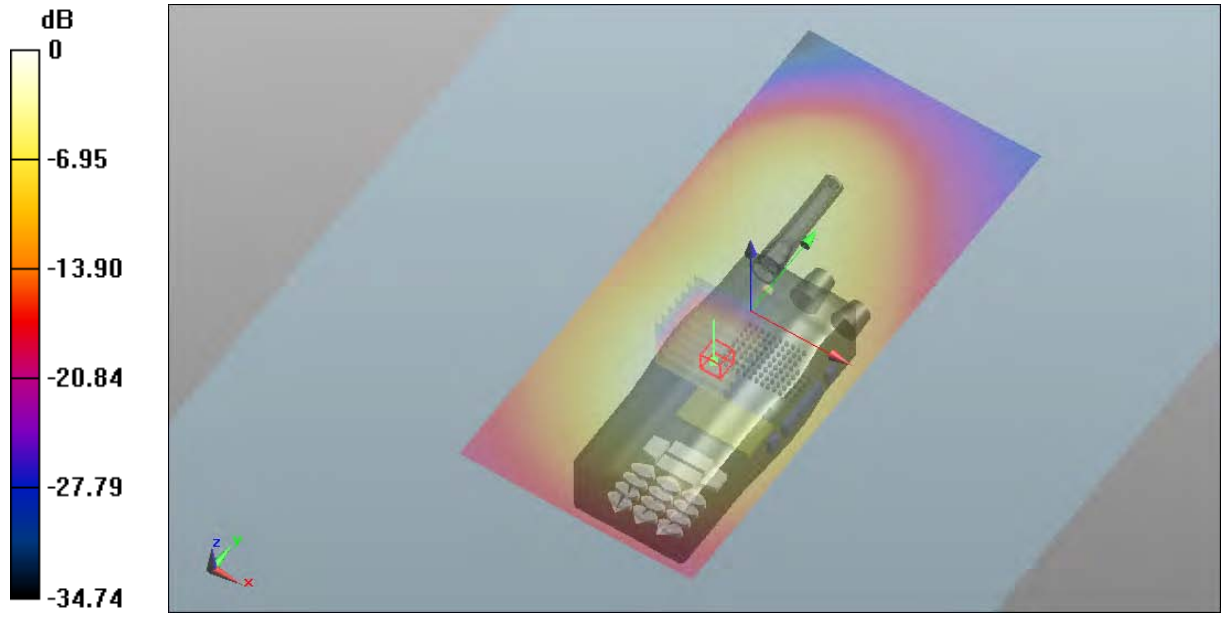
* Communication System: CW; Frequency: 823.987 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 824 MHz; σ = 0.965 mho/m; ε_r = 53.329; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.94, 5.94, 5.94); Calibrated: 12/12/2011
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 4 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.26 W/kg

Configuration/Battery Clip (14mm) Channel 4 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

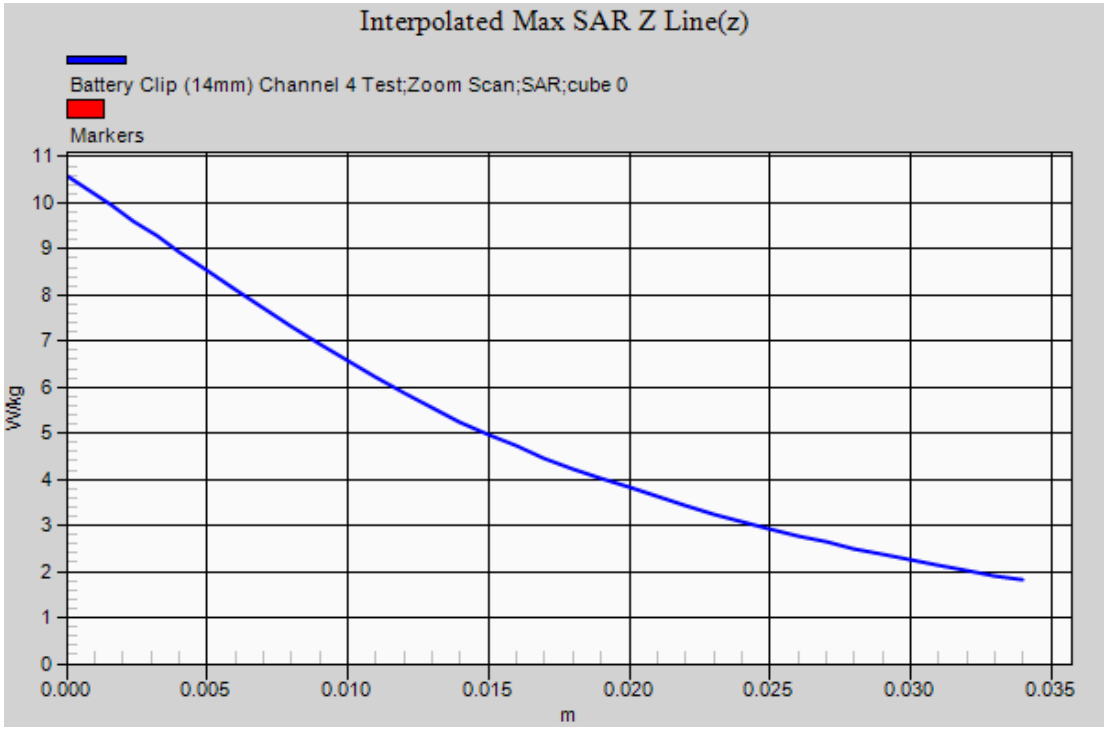
Reference Value = 51.034 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 10.586 mW/g
SAR(1 g) = 8.9 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.92 W/kg



0 dB = 9.26 W/kg = 19.33 dB W/kg

SAR MEASUREMENT PLOT 29

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 1 February 2013
File Name: M121023 750 MHz Body Worn Antenna Hellical 01-02-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

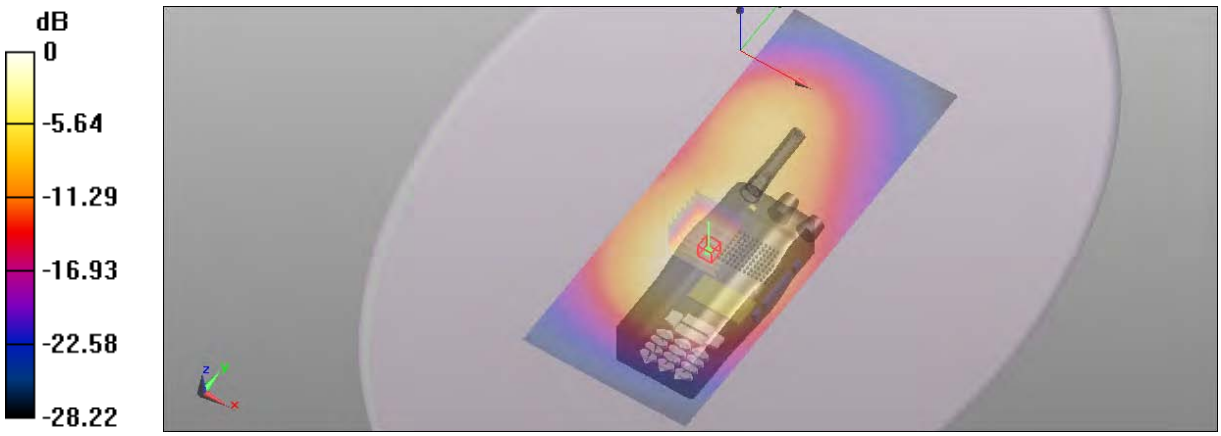
* Communication System: CW; Frequency: 868.987 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 868 MHz; σ = 1.009 mho/m; ε_r = 52.916; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6, 6, 6); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Battery Clip (14mm) Channel 5 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.87 W/kg

Configuration/Battery Clip (14mm) Channel 5 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

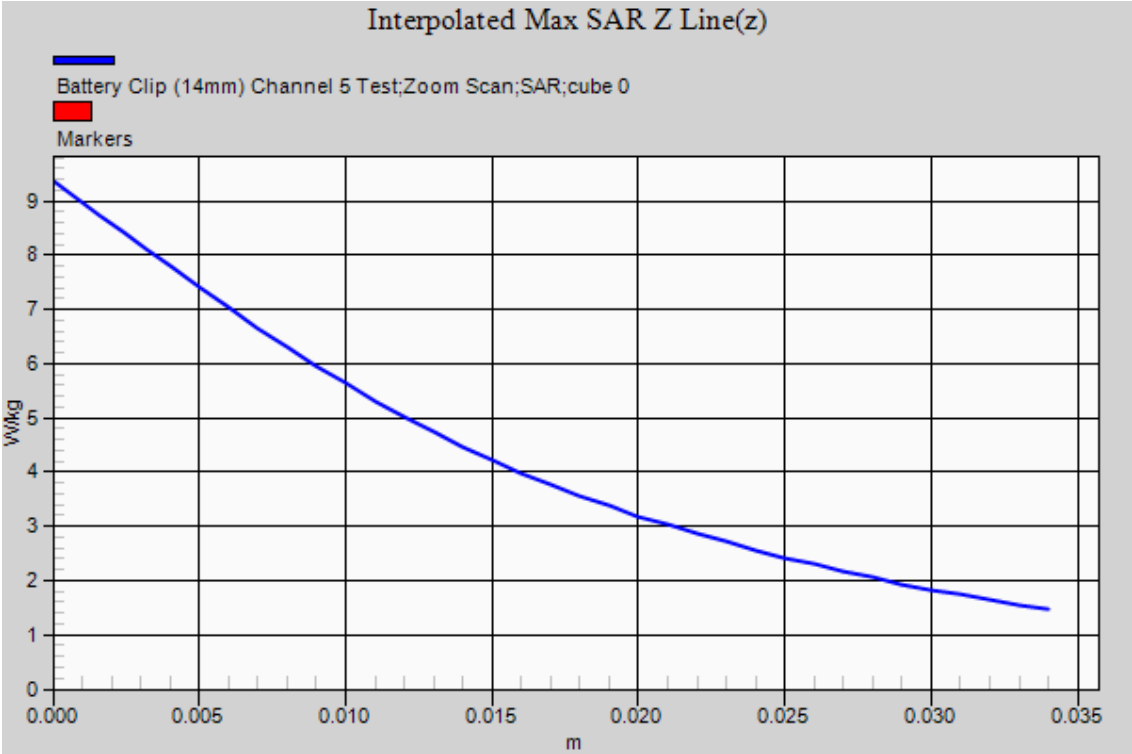
Reference Value = 44.008 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 9.374 mW/g
SAR(1 g) = 7.35 mW/g
Maximum value of SAR (measured) = 7.81 W/kg

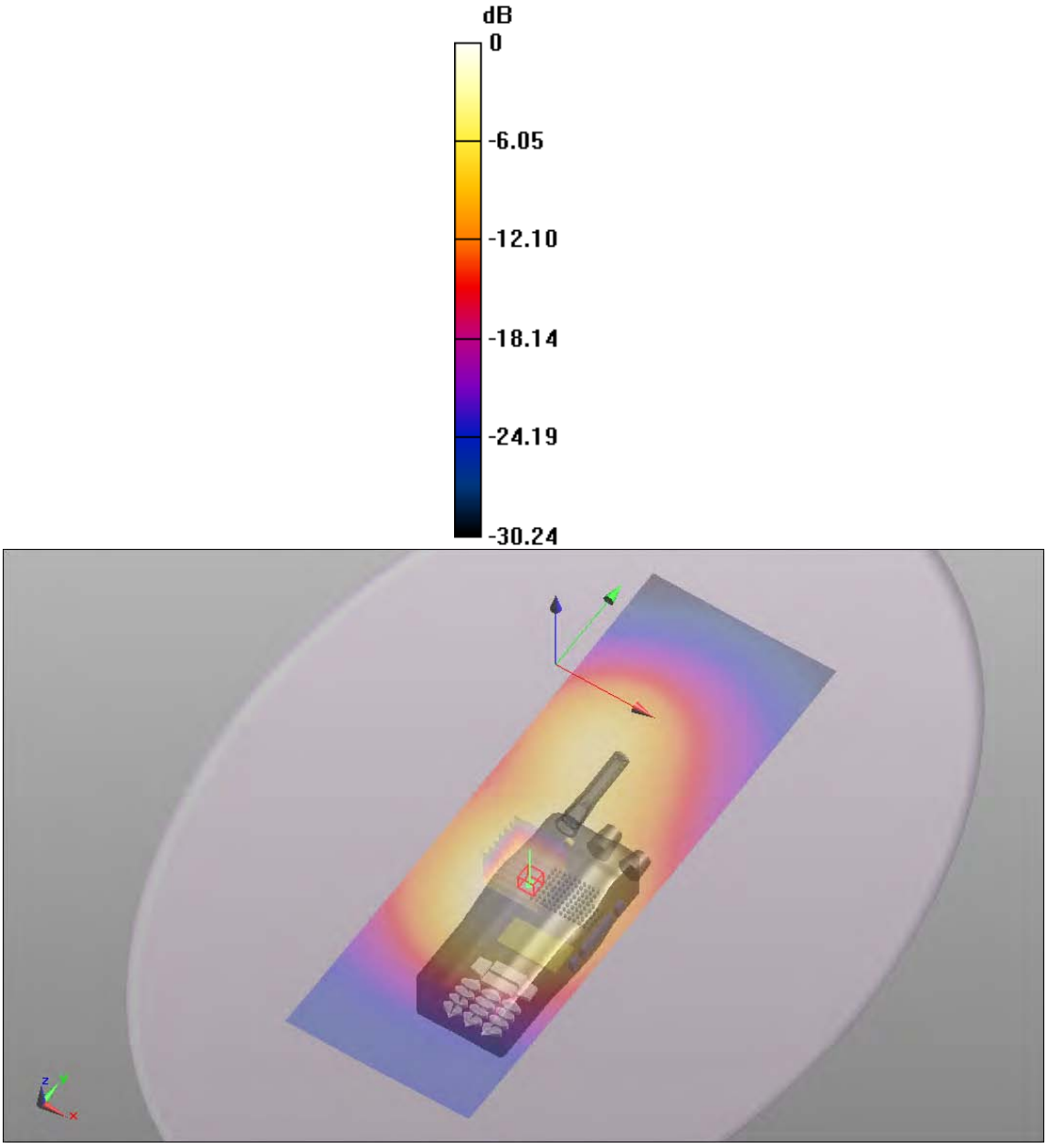


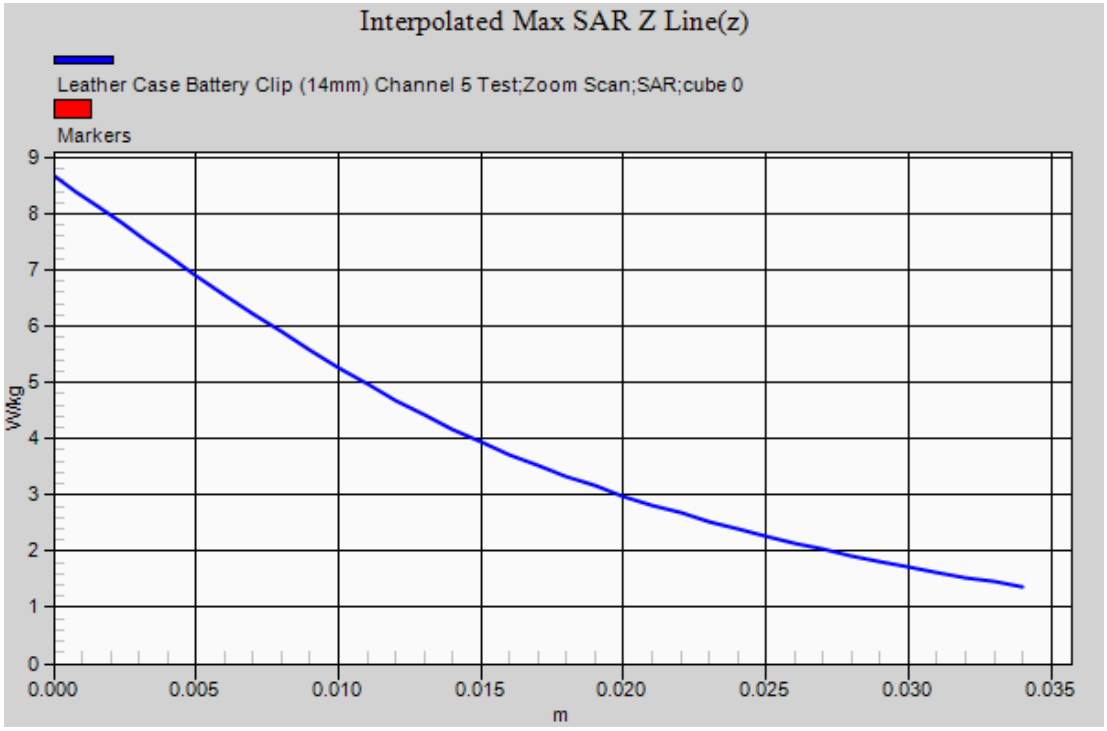
0 dB = 7.87 W/kg = 17.92 dB W/kg

SAR MEASUREMENT PLOT 30

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**53.0 %**







Test Date: 30 January 2013

File Name: M121023 750 MHz Body Worn Antenna Qarter-wave High Capacity Battery 30-01-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

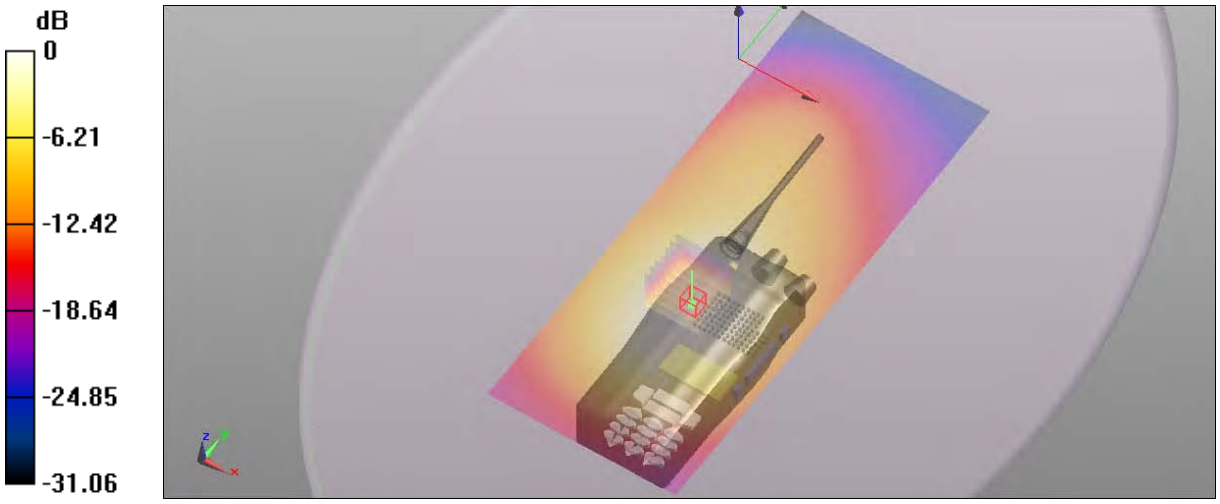
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.939 mho/m; ε_r = 53.922; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Battery Clip (14mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.39 W/kg

Configuration/Battery Clip (14mm) Channel 1 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

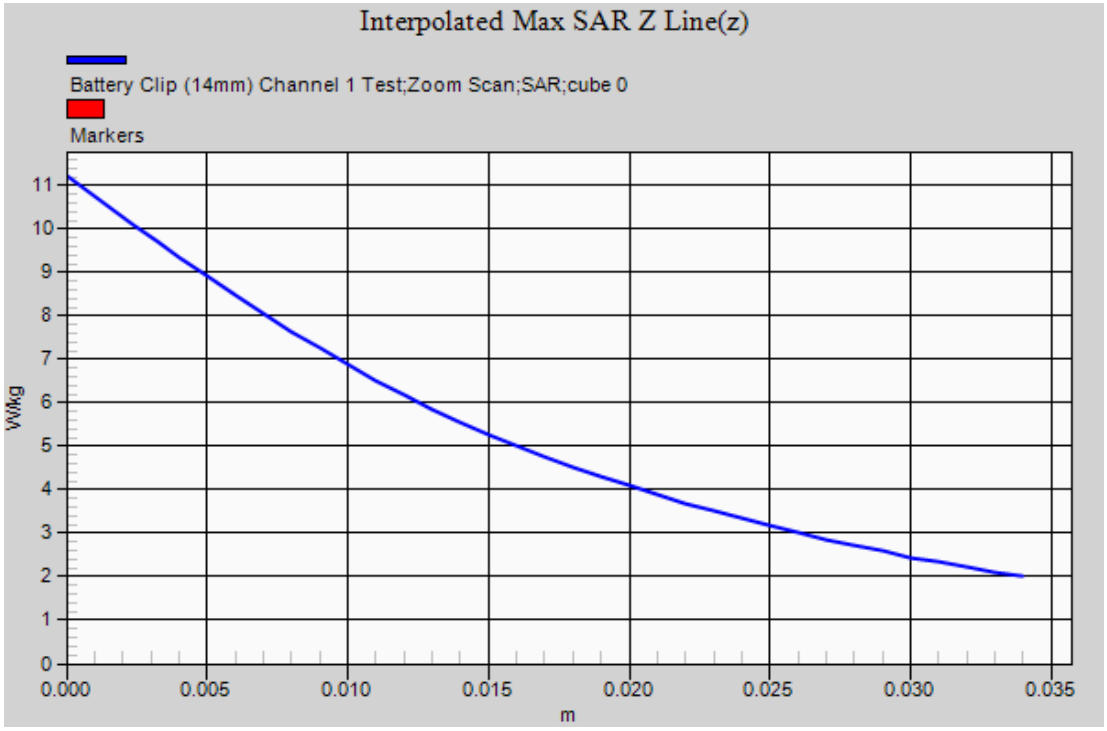
Reference Value = 45.712 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 11.225 mW/g
SAR(1 g) = 8.84 mW/g
Maximum value of SAR (measured) = 9.37 W/kg



0 dB = 9.39 W/kg = 19.45 dB W/kg

SAR MEASUREMENT PLOT 31

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**51.0 %**



Test Date: 30 January 2013

File Name: M121023 750 MHz Body Worn Antenna Hellical High Capacity Battery 30-01-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

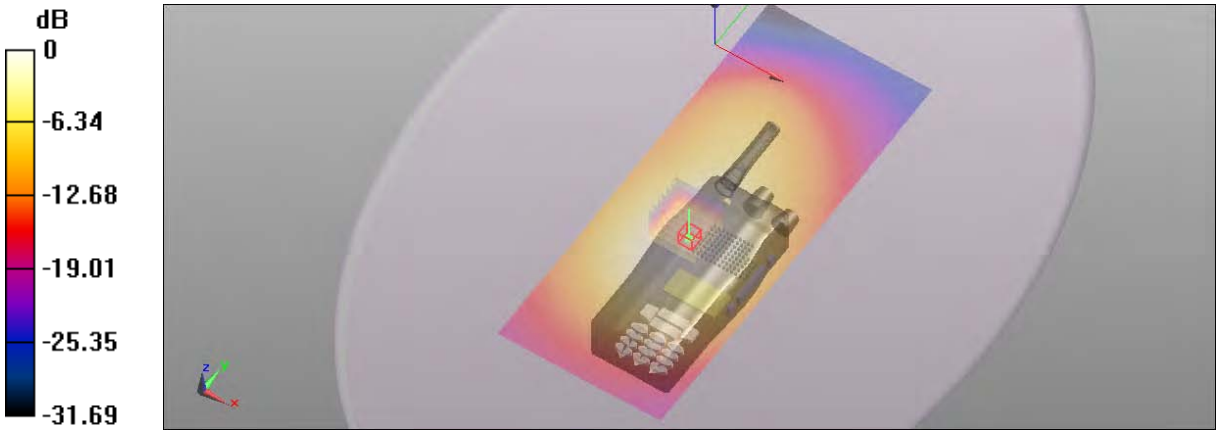
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.939 mho/m; ε_r = 53.922; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Battery Clip (14mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.33 W/kg

Configuration/Battery Clip (14mm) Channel 1 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

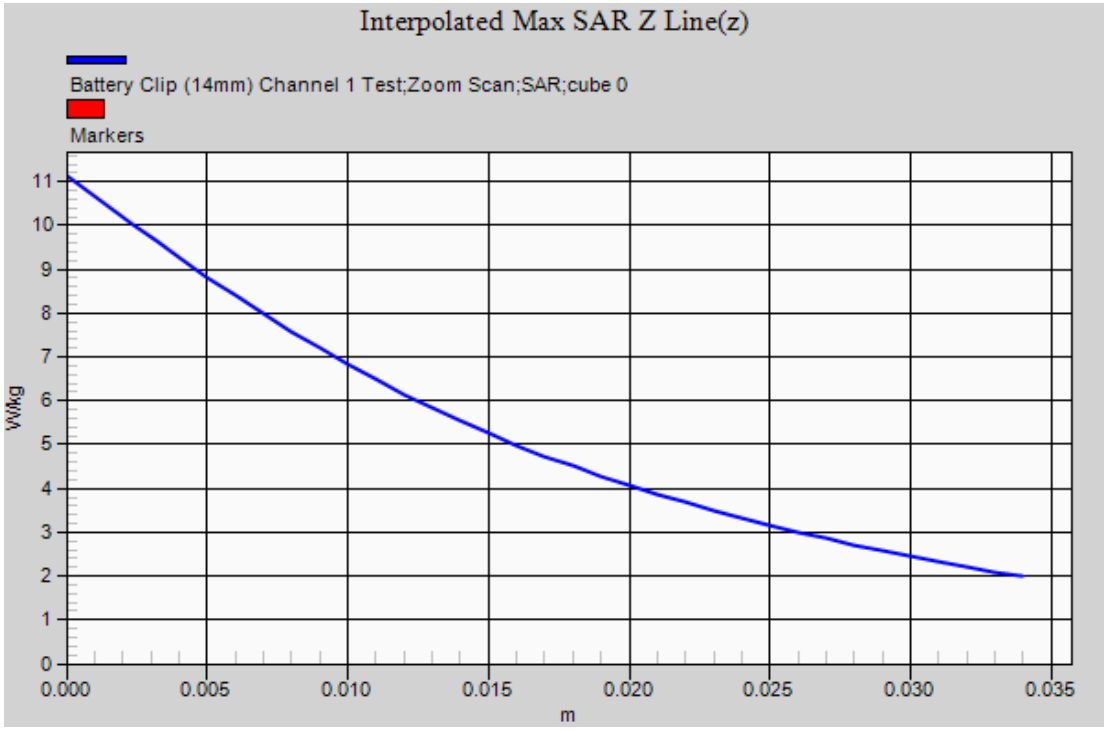
Reference Value = 54.920 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 11.135 mW/g
SAR(1 g) = 8.78 mW/g
Maximum value of SAR (measured) = 9.29 W/kg



0 dB = 9.33 W/kg = 19.40 dB W/kg

SAR MEASUREMENT PLOT 32

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.1 Degrees Celsius**
Humidity	**51.0 %**



Test Date: 24 October 2012

File Name: M121023 750 MHz Body Worn Antenna Quarter-wave High capacity Battery 24-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

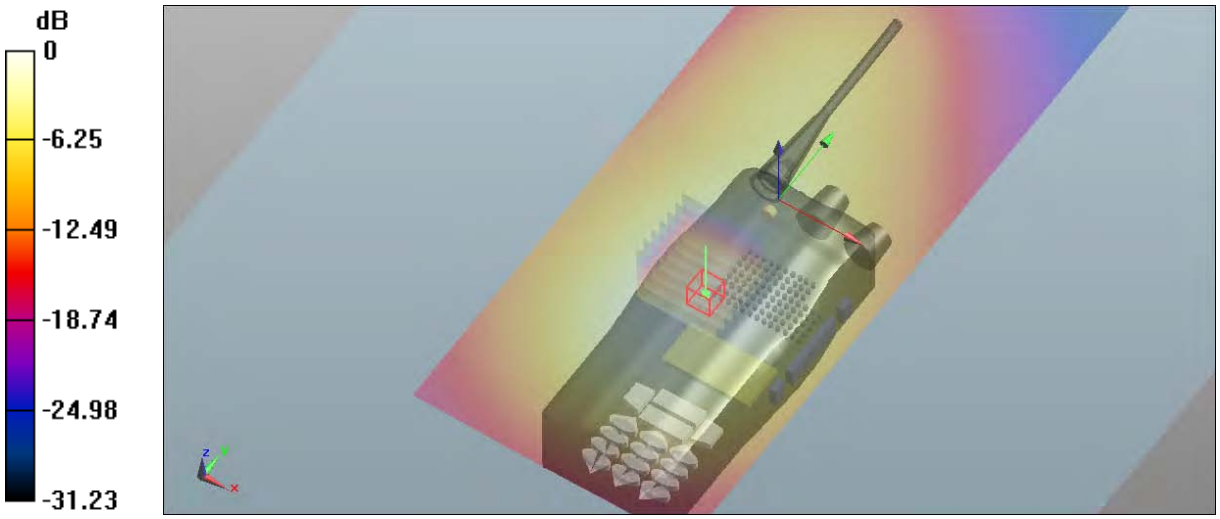
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.958 mho/m; ε_r = 57.419; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 2 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.3 W/kg

Configuration/Battery Clip (14mm) Channel 2 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

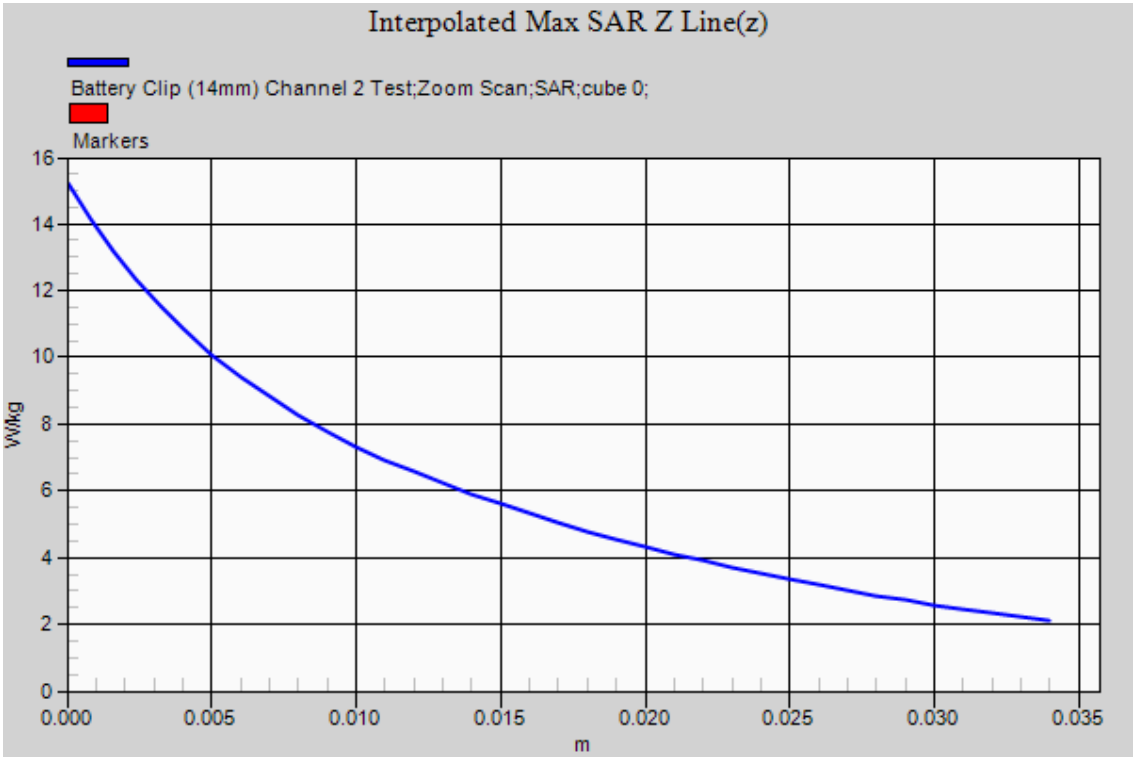
Reference Value = 46.043 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 15.218 mW/g
SAR(1 g) = 10.4 mW/g
Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 11.3 W/kg = 21.06 dB W/kg

SAR MEASUREMENT PLOT 33

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**37.0%**



Test Date: 26 October 2012

File Name: M121023 750 MHz Body Worn Antenna Helical High capacity Battery 26-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

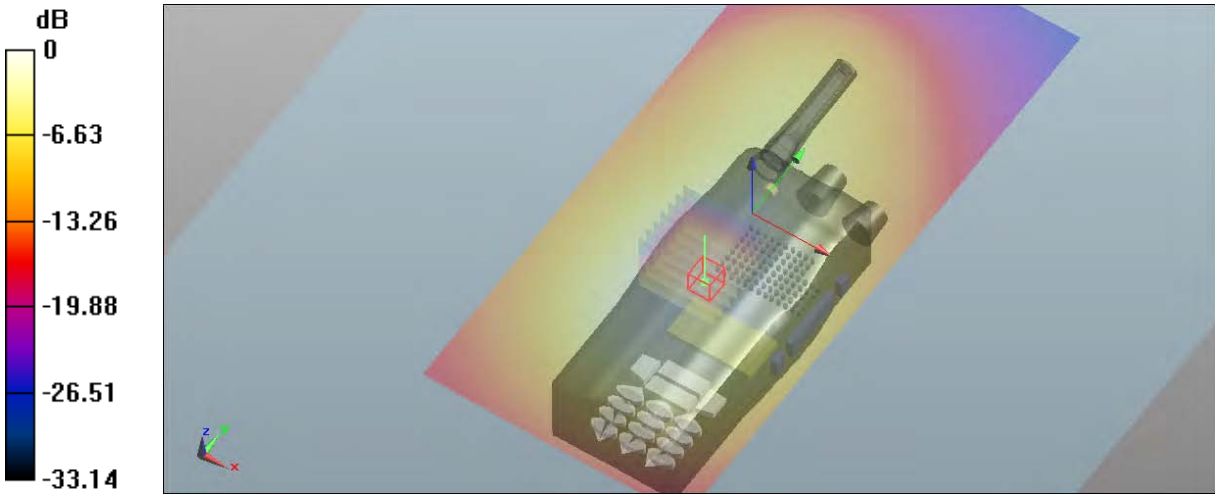
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.968 mho/m; ε_r = 53.717; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Battery Clip (14mm) Channel 2 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.8 W/kg

Configuration/Battery Clip (14mm) Channel 2 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

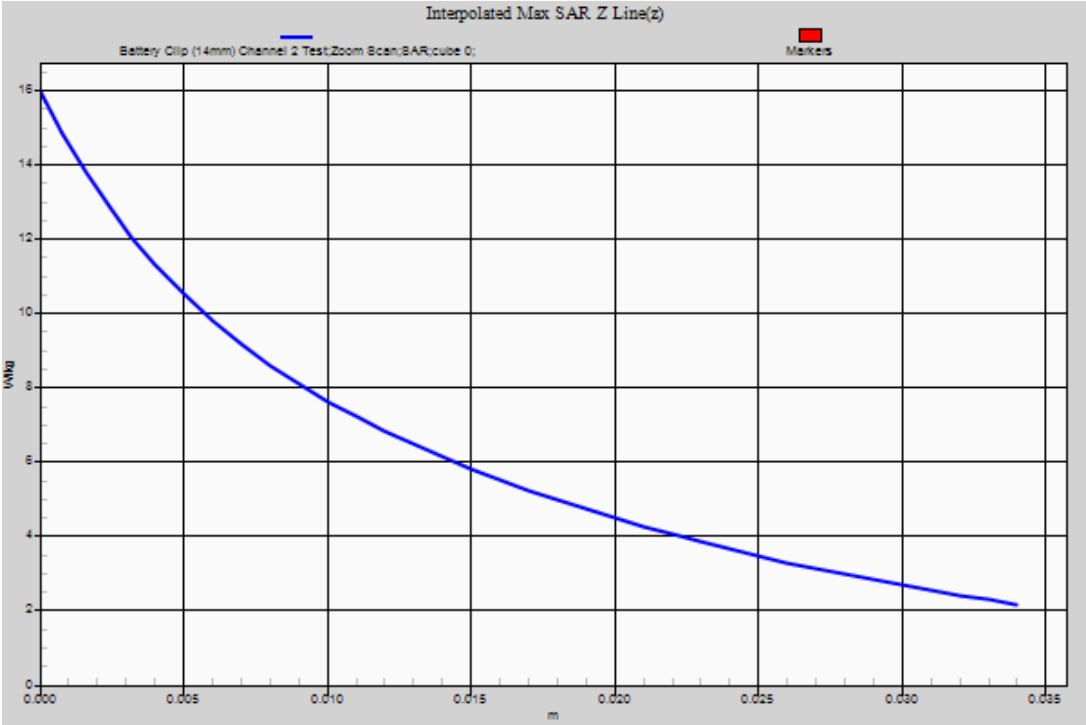
Reference Value = 50.158 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 15.956 mW/g
SAR(1 g) = 10.8 mW/g
Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.8 W/kg = 21.44 dB W/kg

SAR MEASUREMENT PLOT 34

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**42.0%**



Test Date: 01 February 2013

File Name: M121023 850 MHz Body Worn Antenna Quarter-wave High Capacity Battery 01-02-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

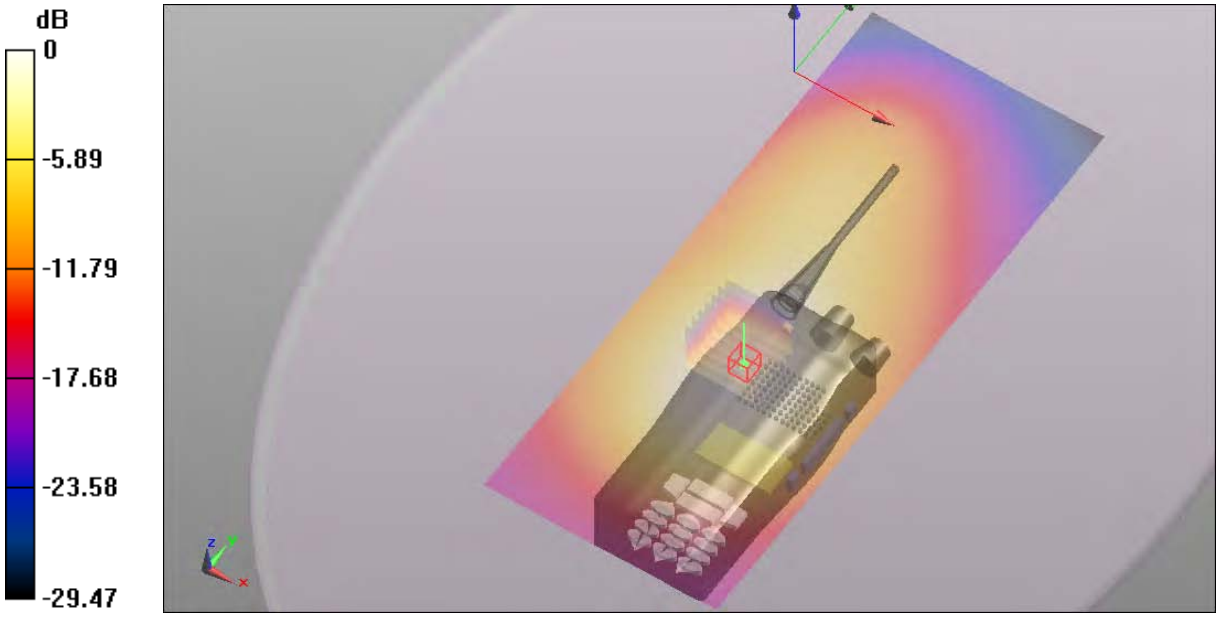
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.947 mho/m; ε_r = 53.558; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6, 6, 6); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Battery Clip (14mm) Channel 3 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.11 W/kg

Configuration/Battery Clip (14mm) Channel 3 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

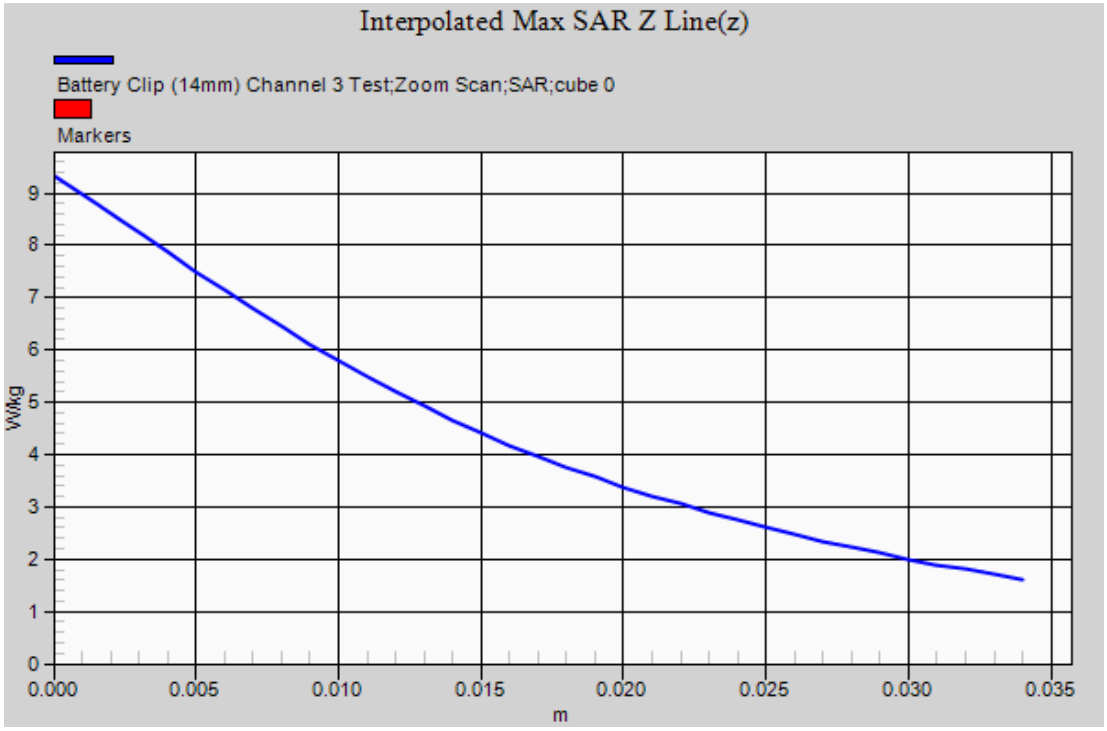
Reference Value = 49.499 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 9.331 mW/g
SAR(1 g) = 7.9 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.88 W/kg



0 dB = 8.11 W/kg = 18.18 dB W/kg

SAR MEASUREMENT PLOT 35

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 31 January 2013
File Name: M121023 850 MHz Body Worn Antenna Hellical High Capacity Battery 31-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

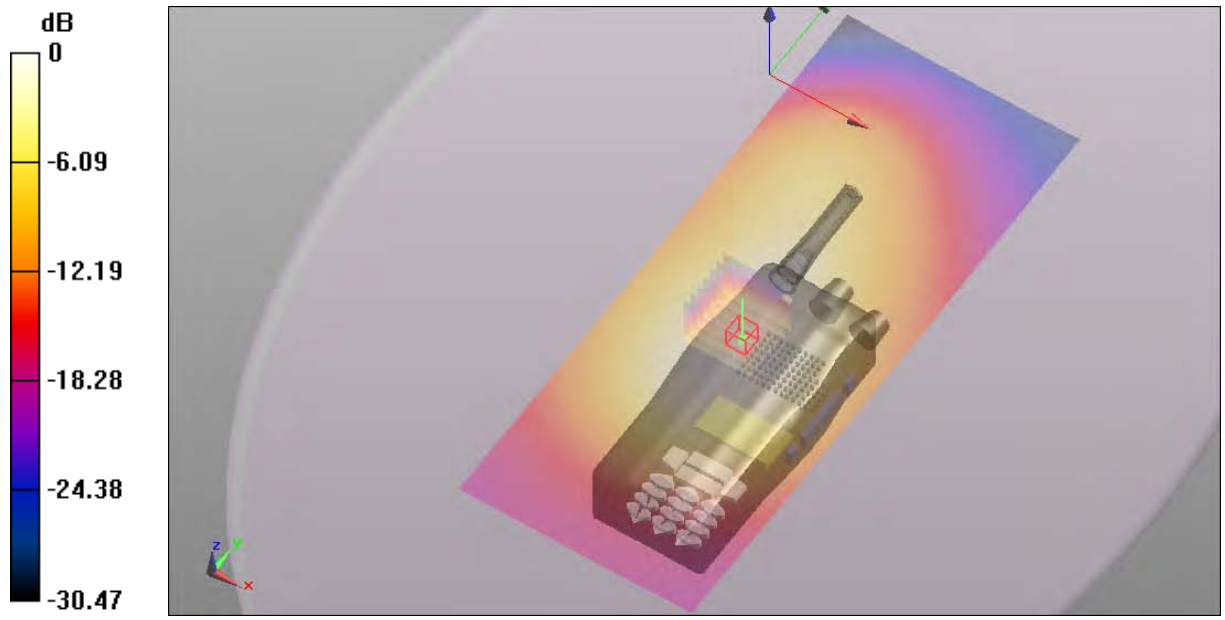
* Communication System: CW; Frequency: 807.513 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 808 MHz; σ = 0.939 mho/m; ε_r = 53.354; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6, 6, 6); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Battery Clip (14mm) Channel 3 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.27 W/kg

Configuration/Battery Clip (14mm) Channel 3 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

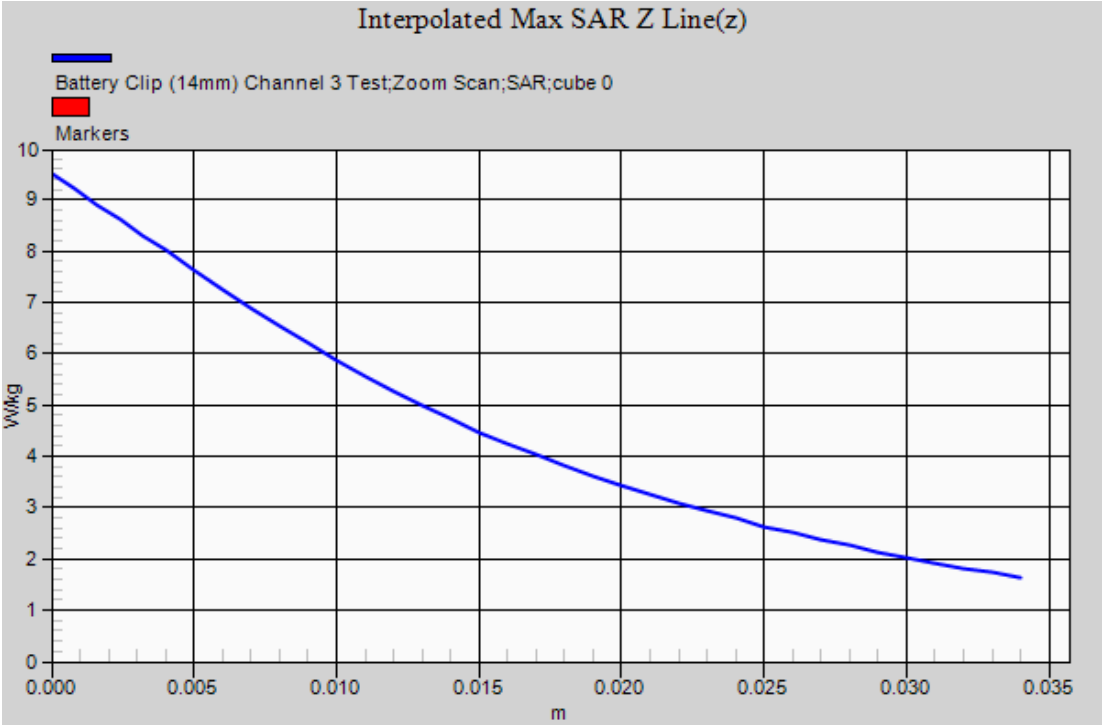
Reference Value = 60.444 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 9.504 mW/g
SAR(1 g) = 8.06 mW/g (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.01 W/kg



0 dB = 8.27 W/kg = 18.35 dB W/kg

SAR MEASUREMENT PLOT 36

Ambient Temperature	**20.3 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**50.0 %**



Test Date: 29 January 2013
File Name: M121023 750 MHz Body Worn Antenna Quarter-wave 29-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

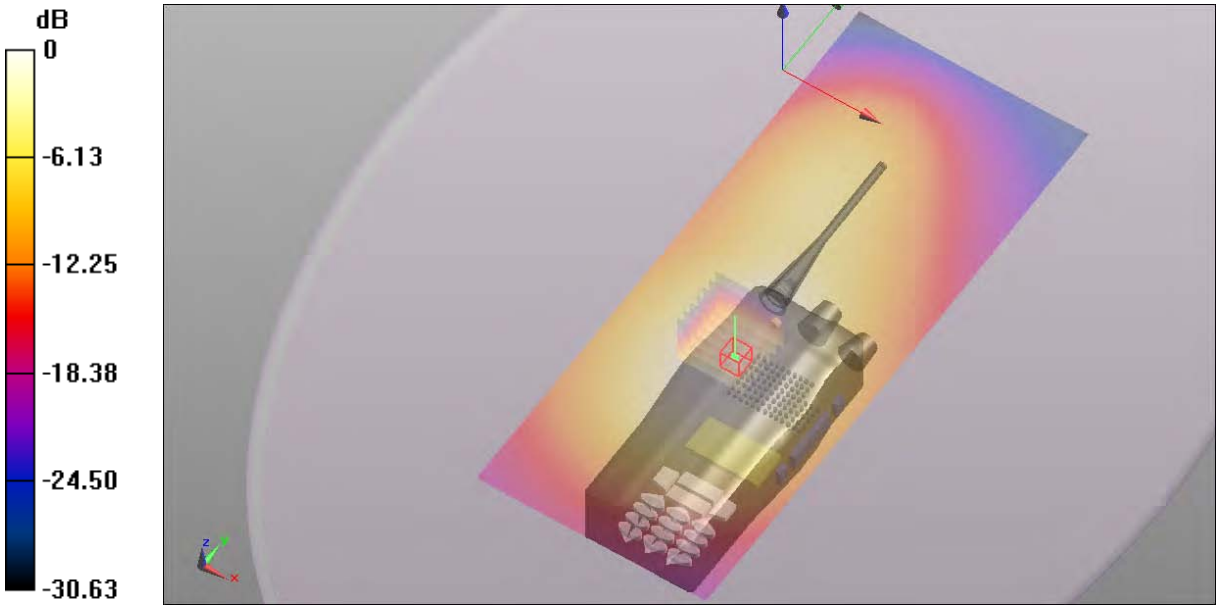
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.946 mho/m; ε_r = 54.664; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Leather Case Battery Clip (14mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.89 W/kg

Configuration/Leather Case Battery Clip (14mm) Channel 1 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

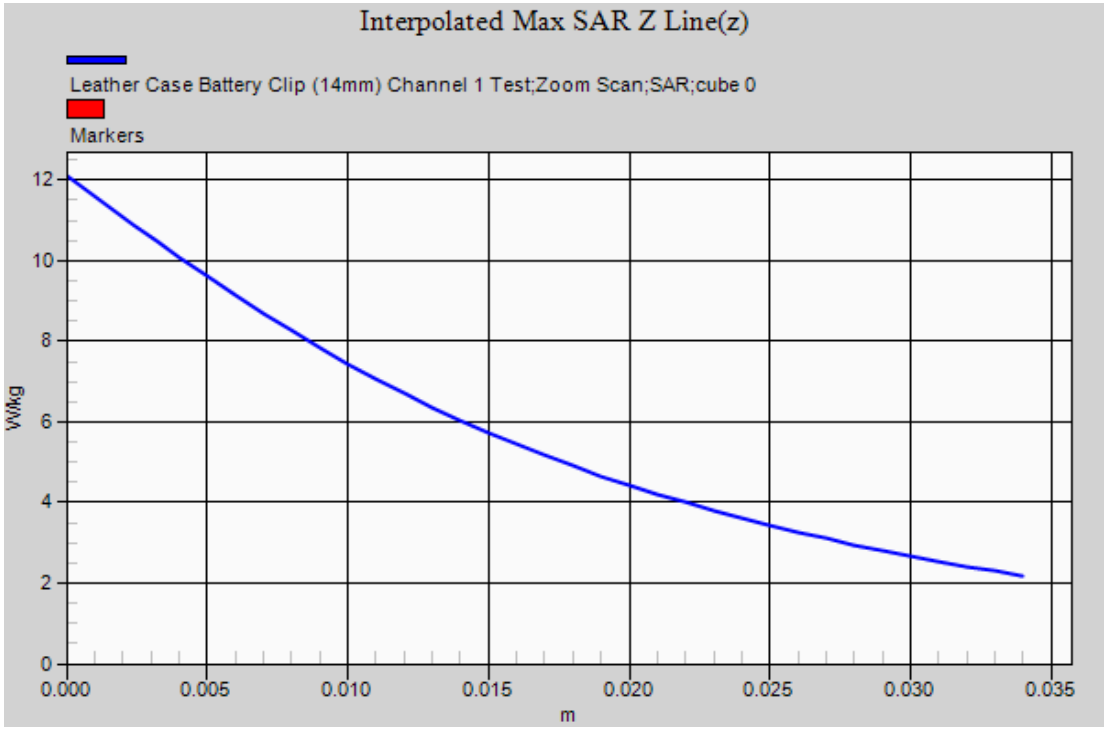
Reference Value = 54.323 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 12.105 mW/g
SAR(1 g) = 9.58 mW/g
Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 9.89 W/kg = 19.90 dB W/kg

SAR MEASUREMENT PLOT 37

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 29 January 2013
File Name: M121023 750 MHz Body Worn Antenna Hellical 29-01-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

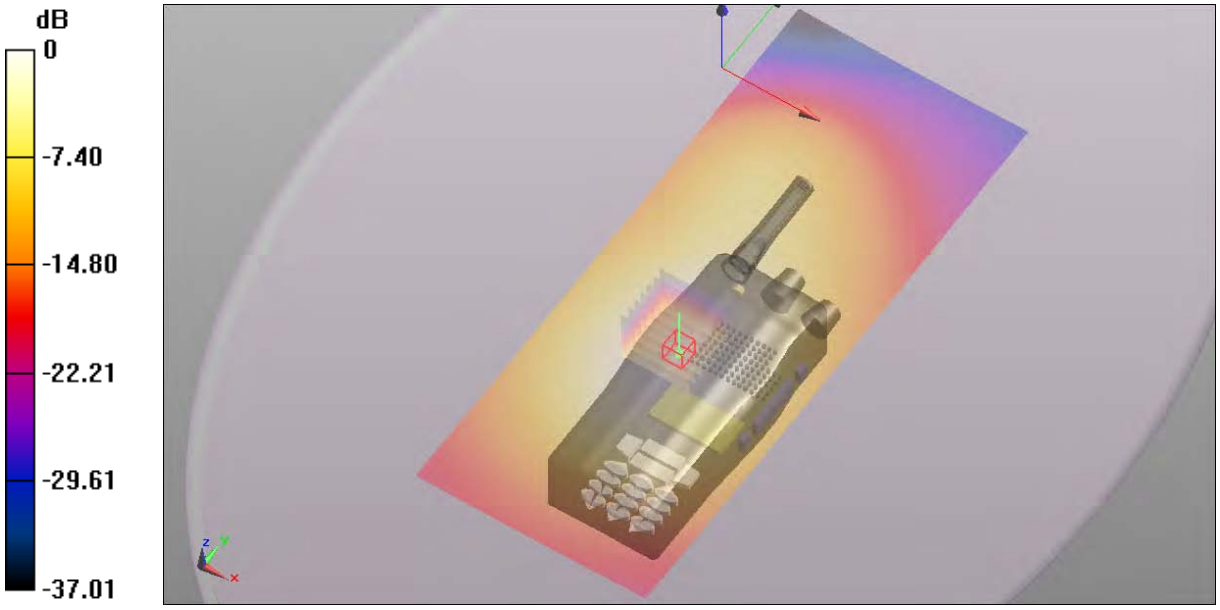
* Communication System: CW; Frequency: 769.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 770 MHz; σ = 0.946 mho/m; ε_r = 54.664; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.19, 6.19, 6.19); Calibrated: 10/12/2012
- Phantom: ELI 4.0; Serial: 1101; Phantom section: Flat Section

Configuration/Leather Case Battery Clip (14mm) Channel 1 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.91 W/kg

Configuration/Leather Case Battery Clip (14mm) Channel 1 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

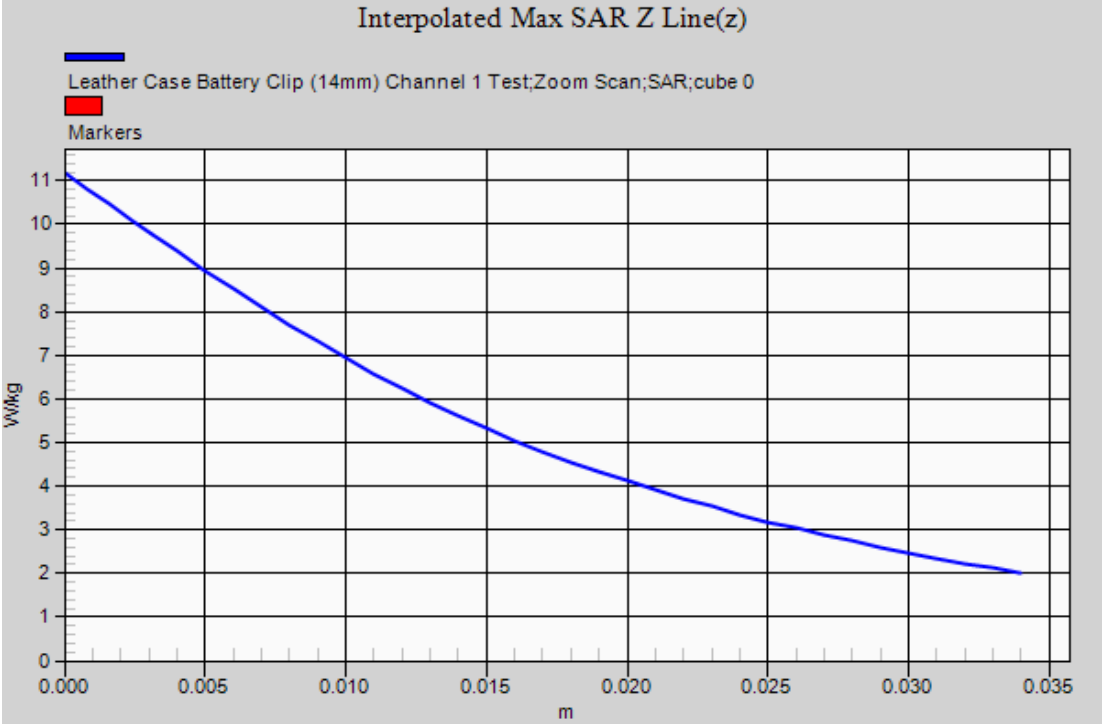
Reference Value = 51.186 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 11.183 mW/g
SAR(1 g) = 8.89 mW/g
Maximum value of SAR (measured) = 9.37 W/kg



0 dB = 9.91 W/kg = 19.92 dB W/kg

SAR MEASUREMENT PLOT 38

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 23 October 2012

File Name: M121023 750 MHz Body Worn Antenna Quarter-wave 23-10-12.da52:0

DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

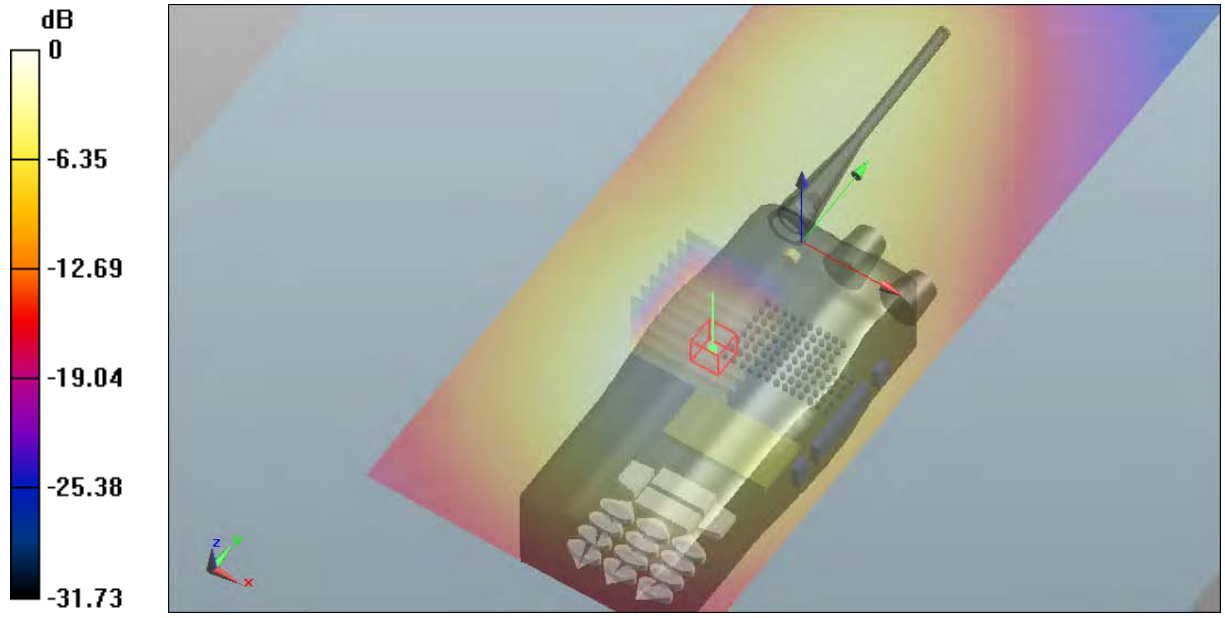
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.95 mho/m; ε_r = 55.794; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Leather Case Battery Clip (14mm) Channel 2 Test/Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.5 W/kg

Configuration/Leather Case Battery Clip (14mm) Channel 2 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

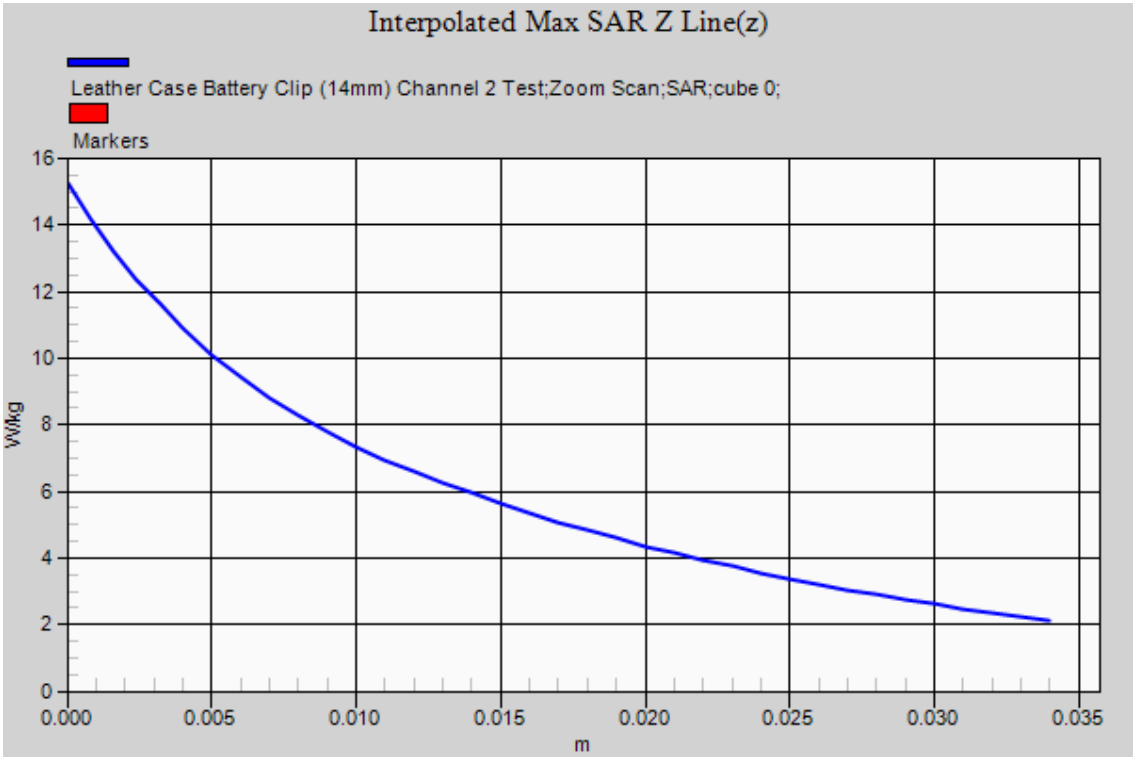
Reference Value = 59.289 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 15.265 mW/g
SAR(1 g) = 10.4 mW/g
Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 11.5 W/kg = 21.21 dB W/kg

SAR MEASUREMENT PLOT 39

Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**20.2 Degrees Celsius**
Humidity	**41.0%**



Test Date: 26 October 2012
File Name: M121023 750 MHz Body Worn Antenna Helical 26-10-12.da52:0
DUT: Tait PTT Transceiver; Type: TPDK5A; Serial: 25383160

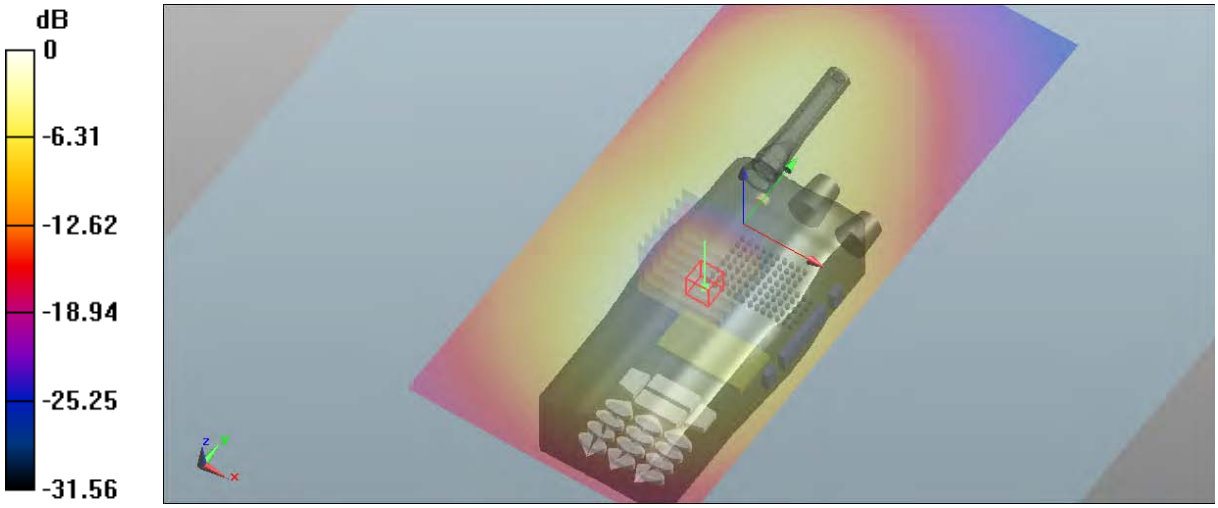
* Communication System: CW; Frequency: 799.069 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 800 MHz; σ = 0.968 mho/m; ε_r = 53.717; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.13, 6.13, 6.13); Calibrated: 13/07/2012
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Configuration/Leather Case Battery Clip (14mm) Channel 2 Test/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

Configuration/Leather Case Battery Clip (14mm) Channel 2 Test/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.582 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 16.881 mW/g
SAR(1 g) = 11.4 mW/g
Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.6 W/kg = 22.01 dB W/kg

SAR MEASUREMENT PLOT 40

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**42.0%**