**WCDMA 1900 Body Bottom Middle –AP ON**

Date: 2016-5-6
Electronics: DAE4 Sn777
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.567 mho/m; $\varepsilon r$ = 54.355; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.74, 7.74, 7.74)

**Area Scan (121x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.41 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.55 W/kg
**SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.545 W/kg**
Maximum value of SAR (measured) = 1.17 W/kg

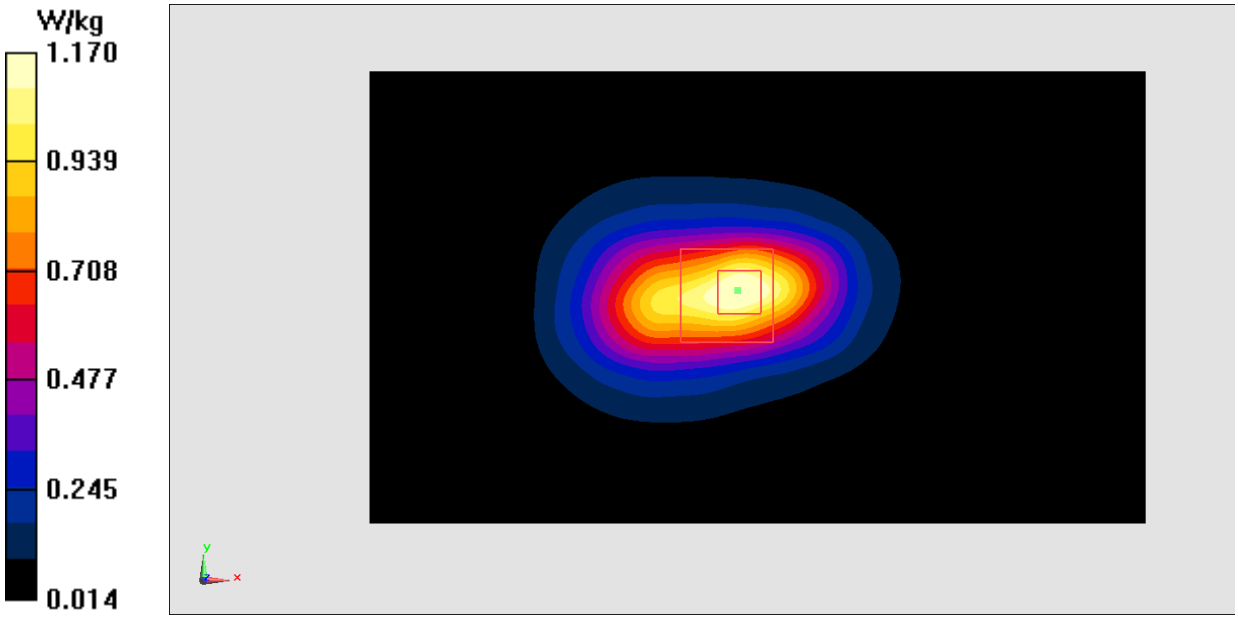


**Fig.11 WCDMA1900**

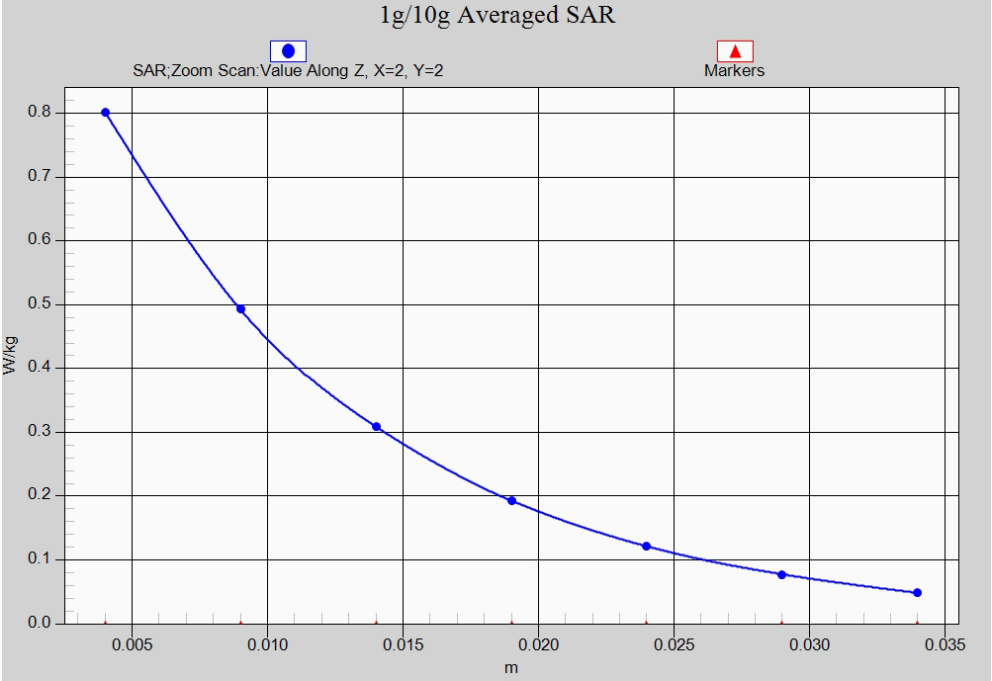


**Fig. 11-1 Z-Scan at power reference point (WCDMA1900)**

**WCDMA 1900 Body Rear Low –AP OFF**

Date: 2016-5-6
Electronics: DAE4 Sn777
Medium: Body 1900 MHz
Medium parameters used: f = 1852.4 MHz; $\sigma$ = 1.521 mho/m; $\varepsilon r$ = 54.412; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.74, 7.74, 7.74)

**Area Scan (121x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.613 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.845 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.741 W/kg
**SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.298 W/kg**
Maximum value of SAR (measured) = 0.619 W/kg

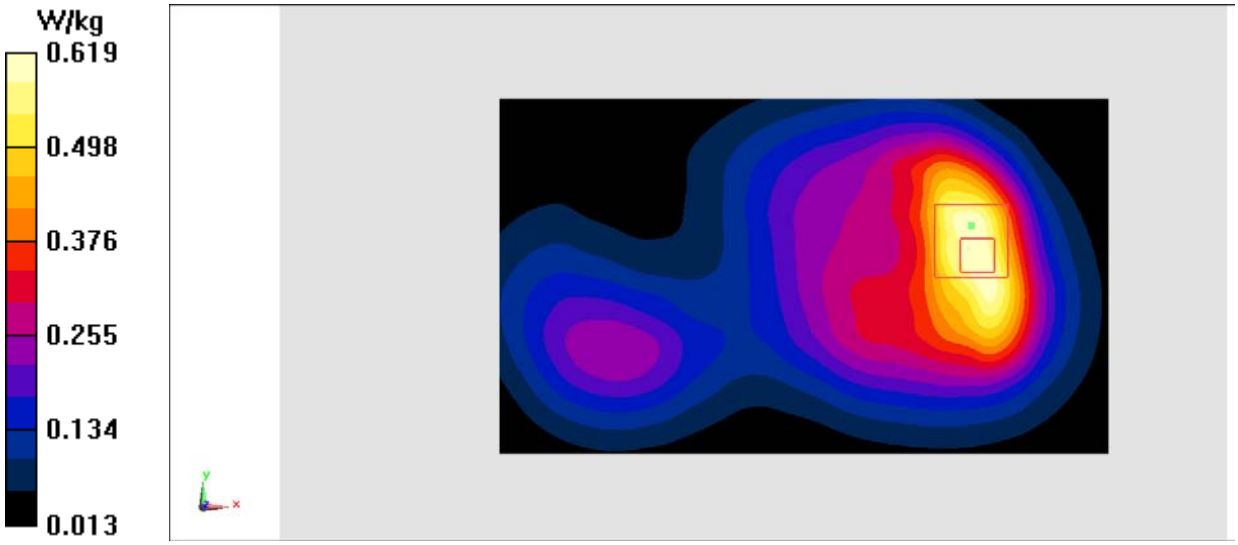


**Fig.12 WCDMA1900**

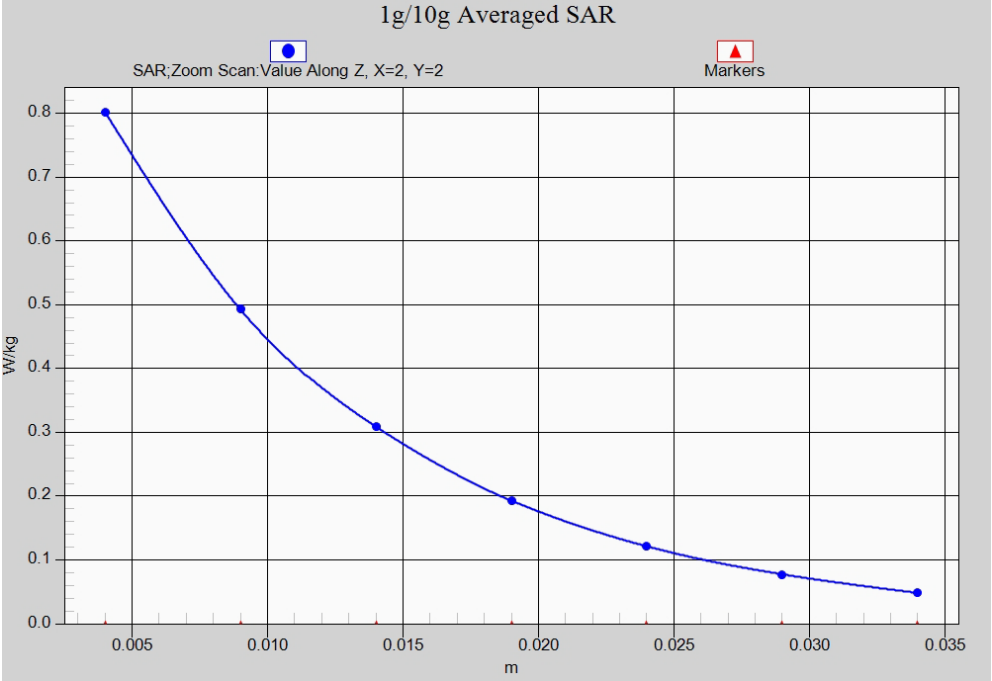


**Fig. 12-1 Z-Scan at power reference point (WCDMA1900)**

**LTE Band2 Left Cheek High with QPSK_20M_1RB_Middle**

Date: 2016-5-6
Electronics: DAE4 Sn777
Medium: Head 1900 MHz
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.436 mho/m; $\varepsilon r$ = 39.88; $\rho$ = 1000 kg/m$^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band2 Frequency: 1900 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(8.07, 8.07, 8.07)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.537 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.343 W/kg
**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.142 W/kg**
Maximum value of SAR (measured) = 0.252 W/kg

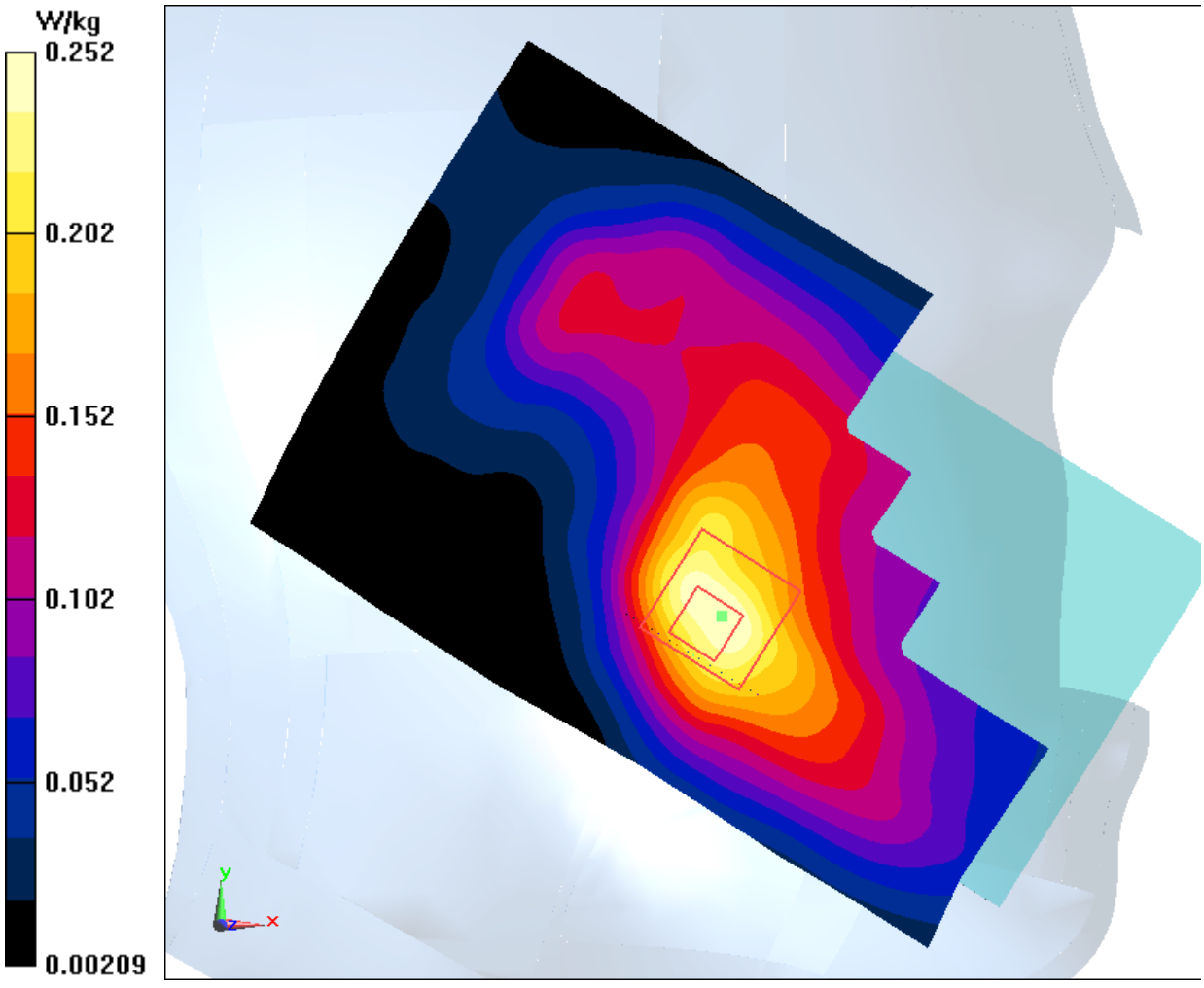


**Fig.13 LTE Band2**

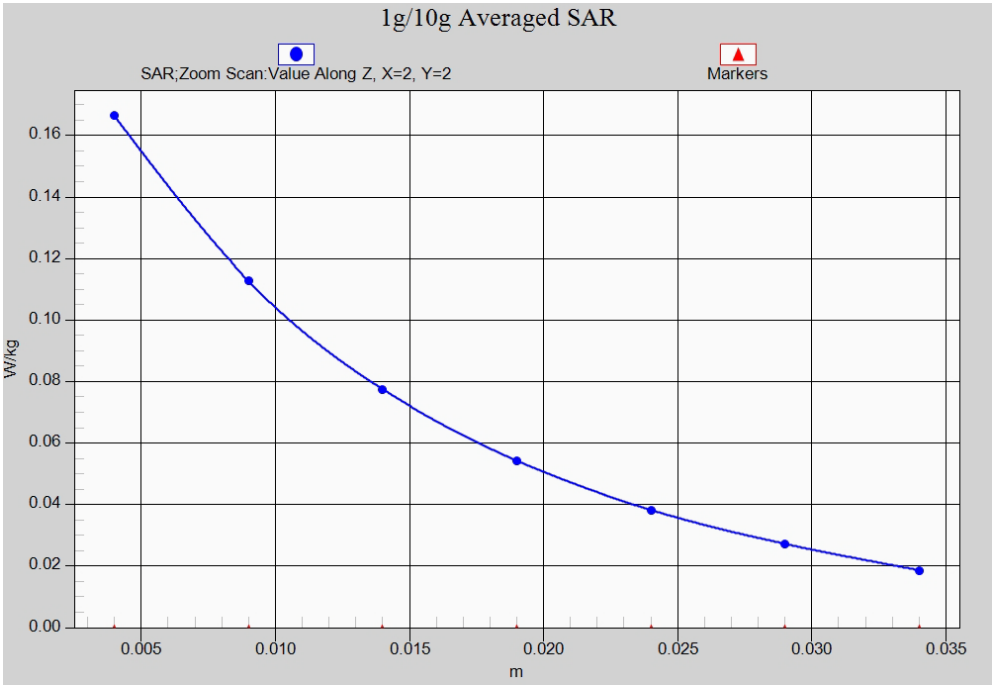


**Fig. 13-1 Z-Scan at power reference point (LTE Band2)**

**LTE Band2 Body Bottom Low with QPSK_20M_1RB_Middle – AP ON**
Date: 2016-5-6
Electronics: DAE4 Sn777
Medium: Body 1900 MHz
Medium parameters used: f = 1860 MHz; $\sigma$ = 1.463 mho/m; $\varepsilon r$ = 54.253; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band4 Frequency: 1860 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.74, 7.74, 7.74)

**Area Scan (121x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.29 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 1.43 W/kg
**SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.513 W/kg**
Maximum value of SAR (measured) = 1.09 W/kg

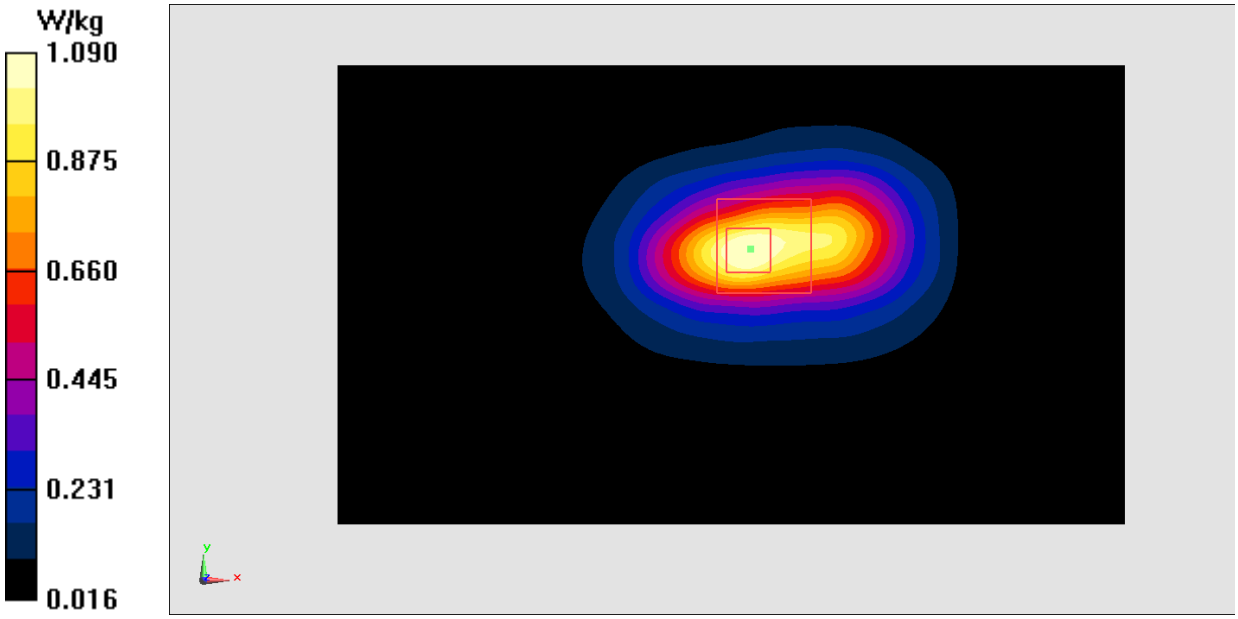


**Fig.14 LTE Band2**

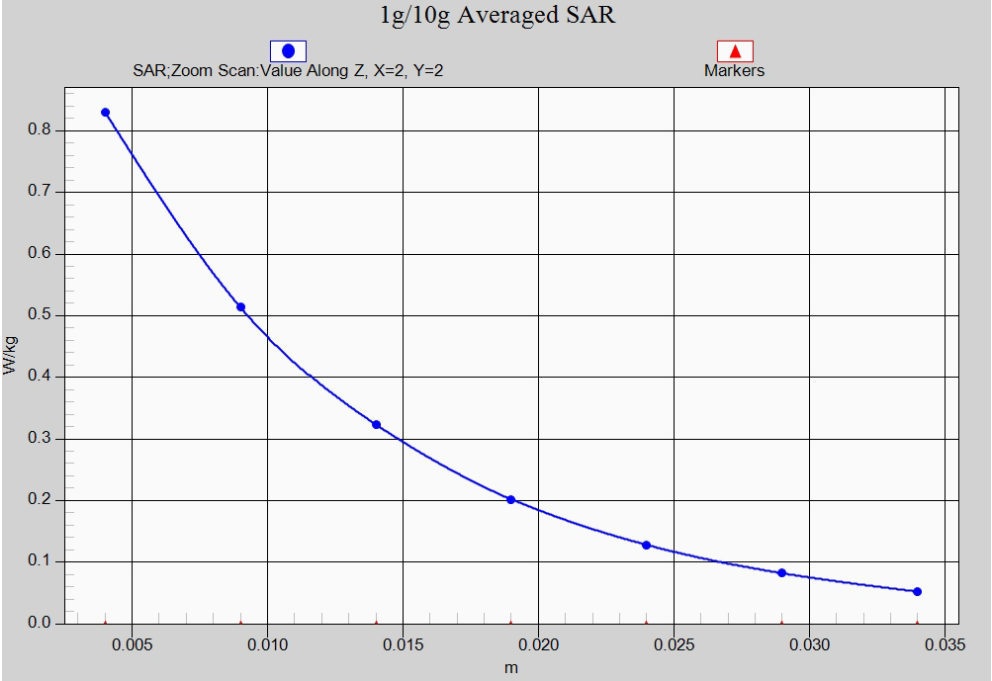


**Fig. 14-1 Z-Scan at power reference point (LTE Band2)**

**LTE Band2 Body Rear High with QPSK_20M_1RB_Middle – AP OFF**
Date: 2016-5-6
Electronics: DAE4 Sn777
Medium: Body 1900 MHz
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.573 mho/m; $\varepsilon r$ = 54.15; $\rho$ = 1000 kg/m$^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band4 Frequency: 1900 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.74, 7.74, 7.74)

**Area Scan (121x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.579 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.239 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.764 W/kg
**SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.311 W/kg**
Maximum value of SAR (measured) = 0.585 W/kg

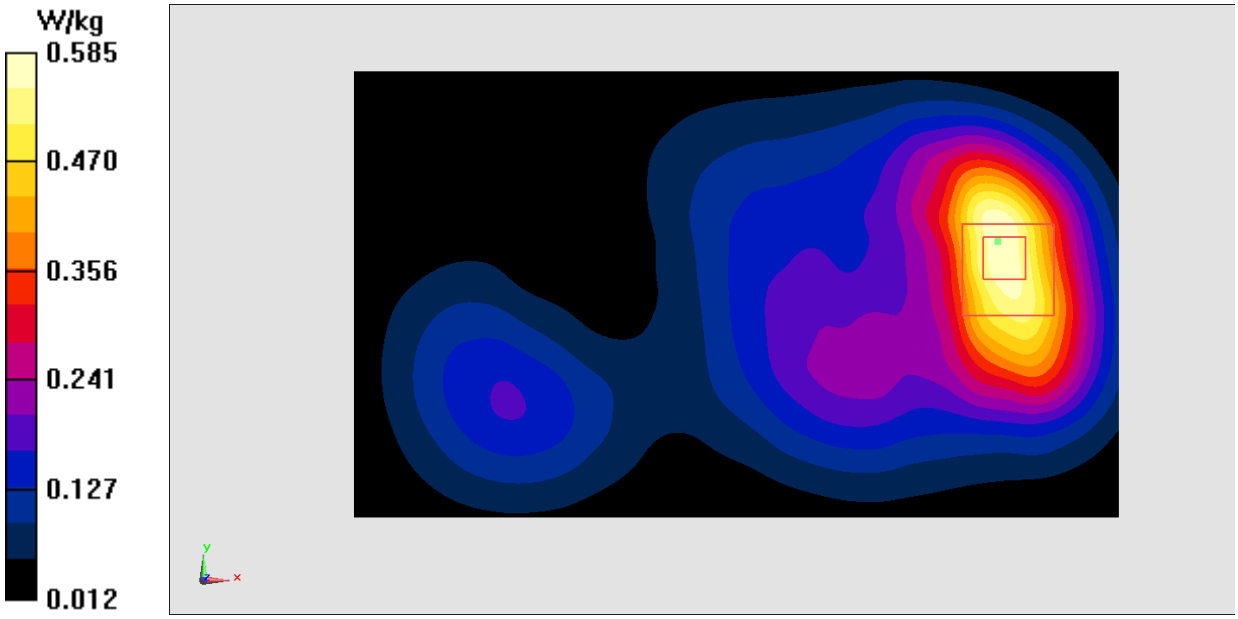


**Fig.15 LTE Band2**

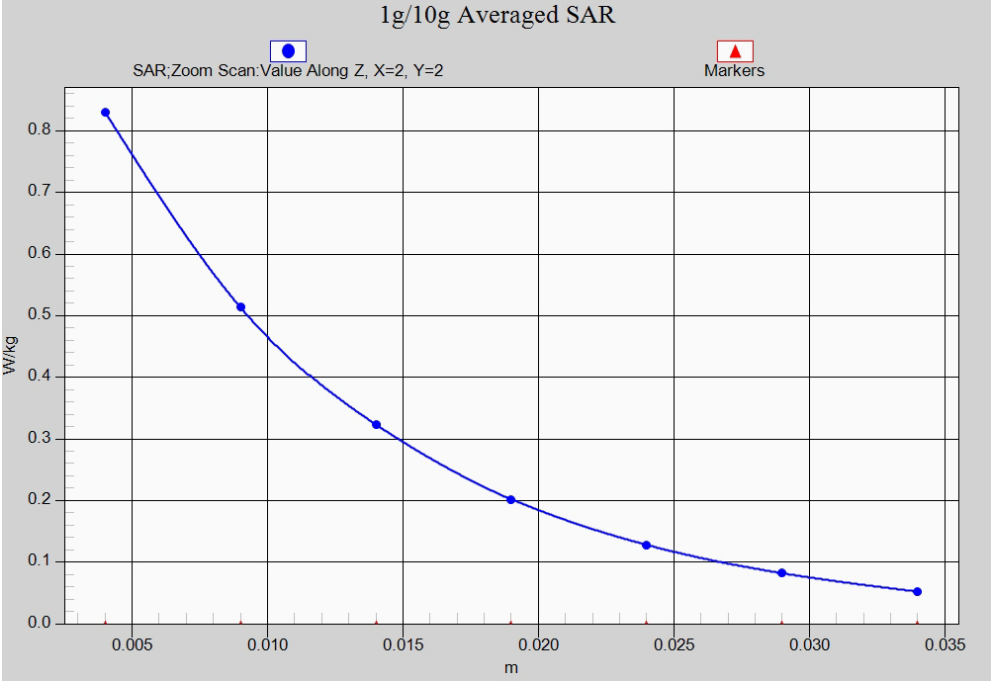


**Fig. 15-1 Z-Scan at power reference point (LTE Band2)**

**LTE Band4 Right Cheek High with QPSK_20M_1RB_Middle**

Date: 2016-5-5
Electronics: DAE4 Sn777
Medium: Head 1750 MHz
Medium parameters used: f = 1745 MHz; $\sigma$ = 1.407 mho/m; $\varepsilon r$ = 39.643; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band4 Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(8.34, 8.34, 8.34)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.369 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.804 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.415 W/kg
**SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.185 W/kg**
Maximum value of SAR (measured) = 0.355 W/kg

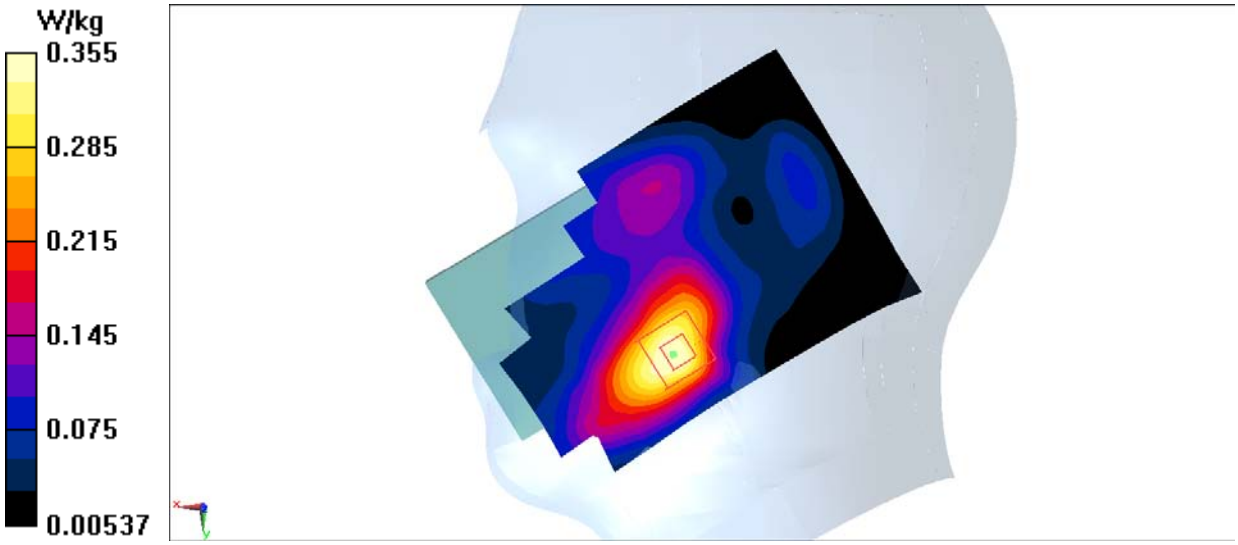


**Fig.16 LTE Band4**

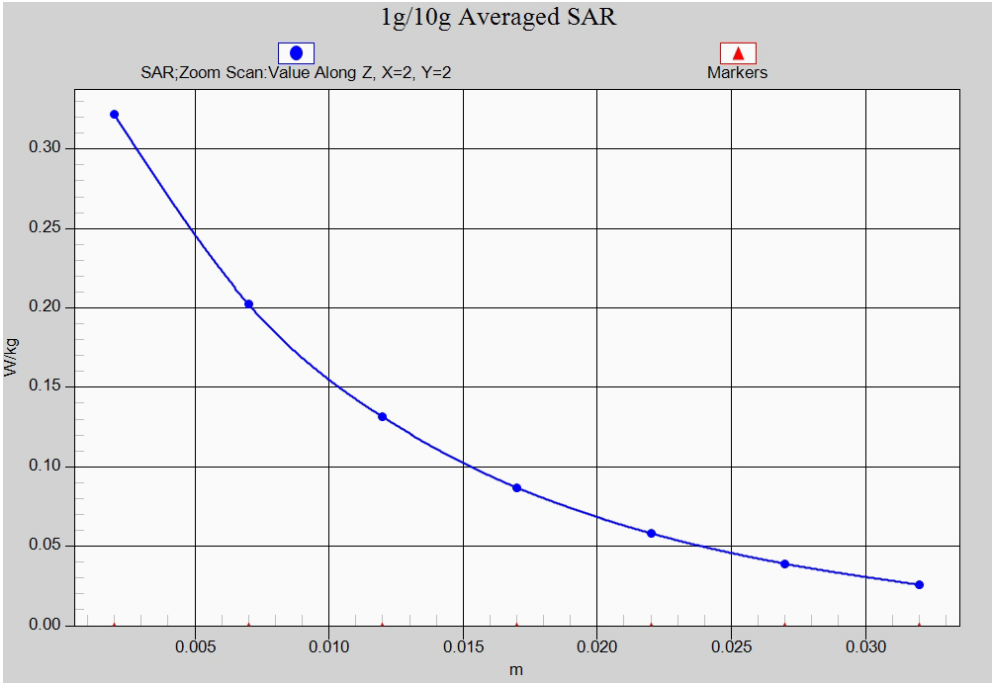


**Fig. 16-1 Z-Scan at power reference point (LTE Band4)**

**LTE Band4 Body Rear Low with QPSK_20M_1RB_Low –AP ON**
Date: 2016-5-5
Electronics: DAE4 Sn777
Medium: Body 1750 MHz
Medium parameters used: f = 1720 MHz; $\sigma$ = 1.489 mho/m; $\varepsilon r$ = 52.794; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band4 Frequency: 1720 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.96, 7.96, 7.96)

**Area Scan (121x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.940 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.468 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.25 W/kg
**SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.425 W/kg**
Maximum value of SAR (measured) = 0.842 W/kg

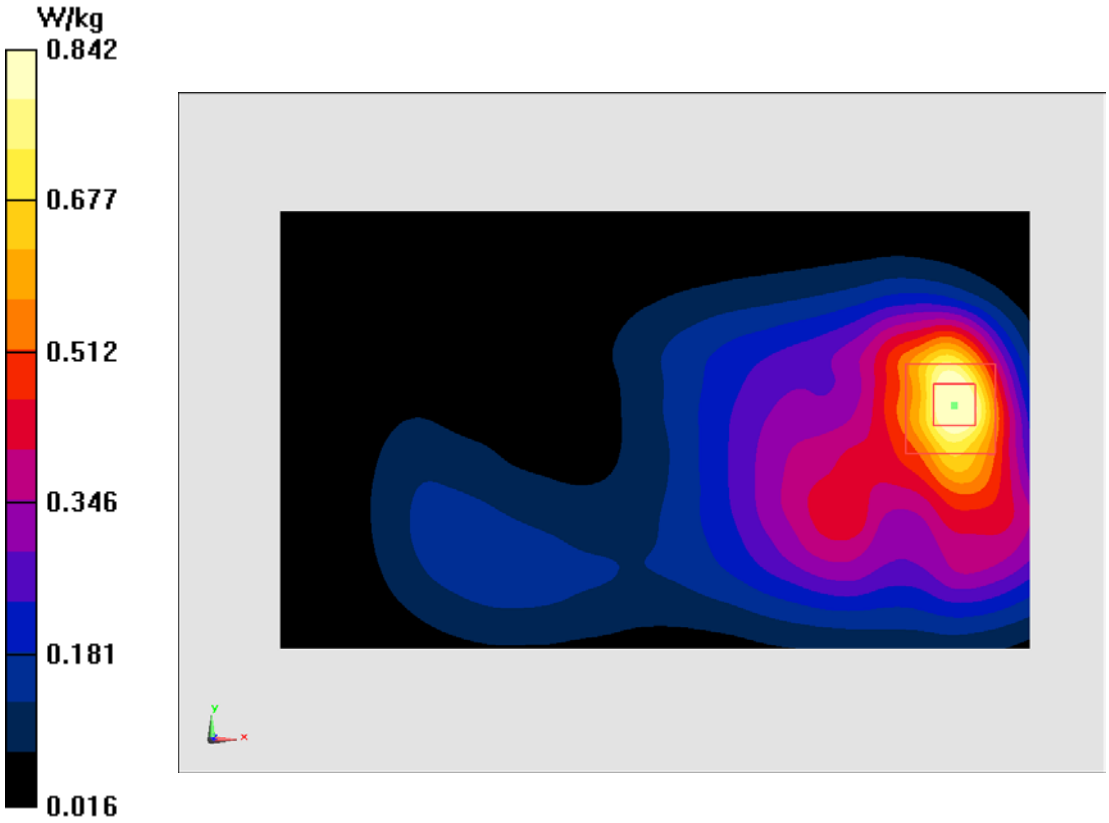


**Fig.17 LTE Band4**

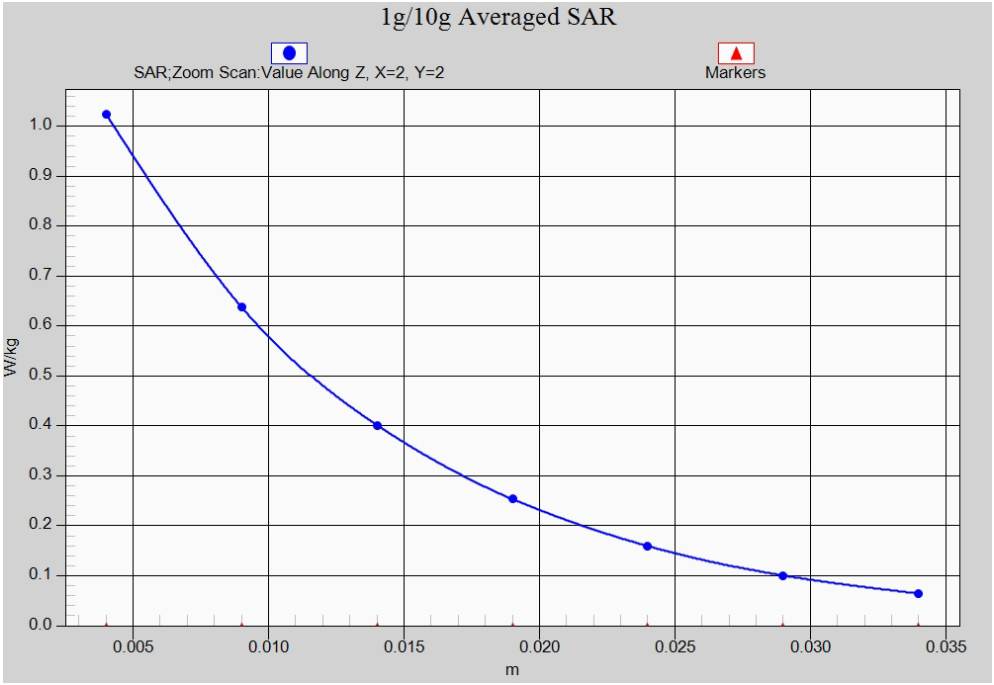


**Fig. 17-1 Z-Scan at power reference point (LTE Band4)**

**LTE Band4 Body Rear High with QPSK_20M_1RB_Middle –AP OFF**
Date: 2016-5-5
Electronics: DAE4 Sn777
Medium: Body 1750 MHz
Medium parameters used: f = 1745 MHz; $\sigma$ = 1.532 mho/m; $\varepsilon r$ = 52.722; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band4 Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.96, 7.96, 7.96)

**Area Scan (121x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.632 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.610 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.853 W/kg
**SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.323 W/kg**
Maximum value of SAR (measured) = 0.582 W/kg

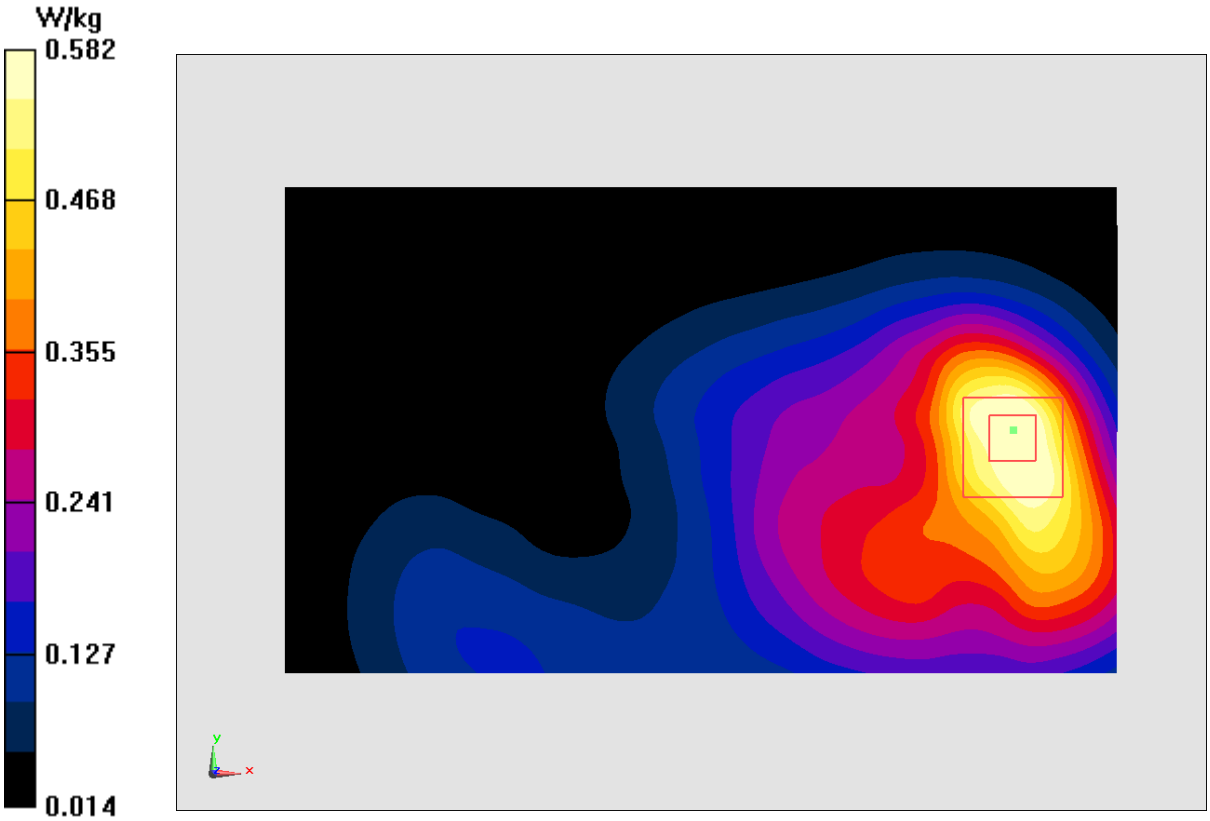


**Fig.18 LTE Band4**

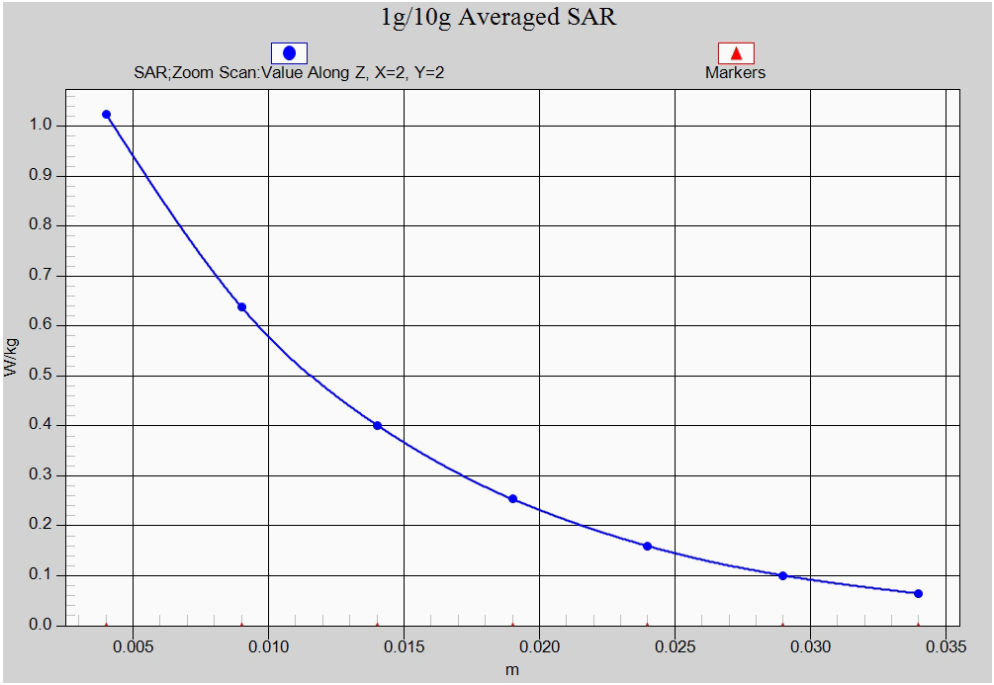


**Fig. 18-1 Z-Scan at power reference point (LTE Band4)**

**LTE Band 12 Right Cheek Low with QPSK_10M_1RB_Middle**

Date: 2016-5-3
Electronics: DAE4 Sn777
Medium: Head 750 MHz
Medium parameters used (interpolated): f = 704 MHz; $\sigma$ = 0.836 mho/m; $\varepsilon r$ = 43.343; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band12 Frequency: 704 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(9.98, 9.98, 9.98)

**Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.305 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.383 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.343 W/kg
**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.217 W/kg**
Maximum value of SAR (measured) = 0.309 W/kg

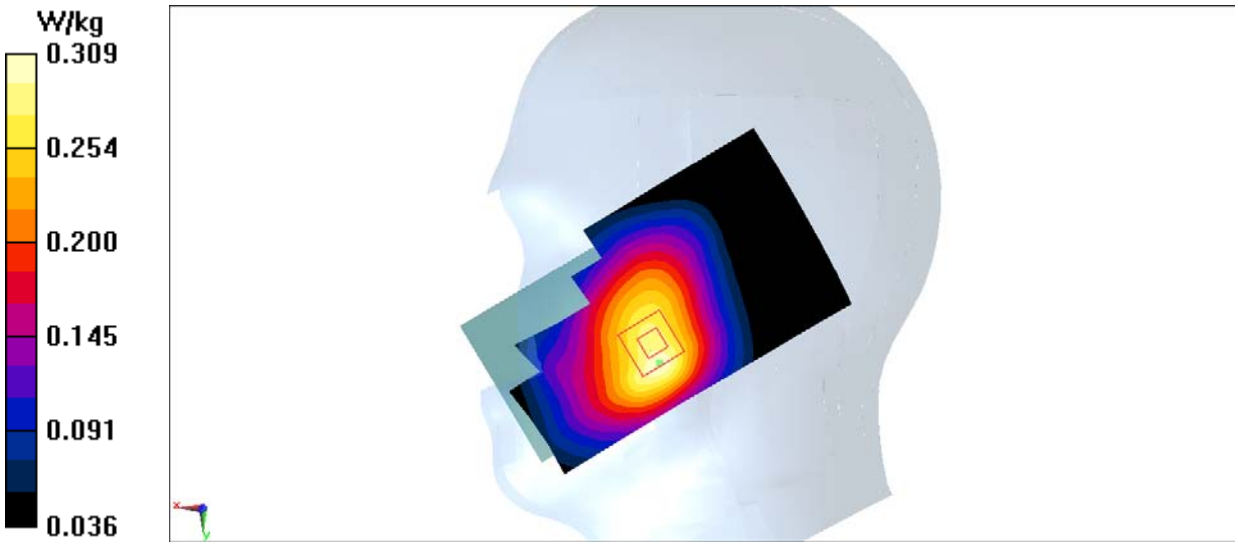


**Fig.19 LTE Band 12**

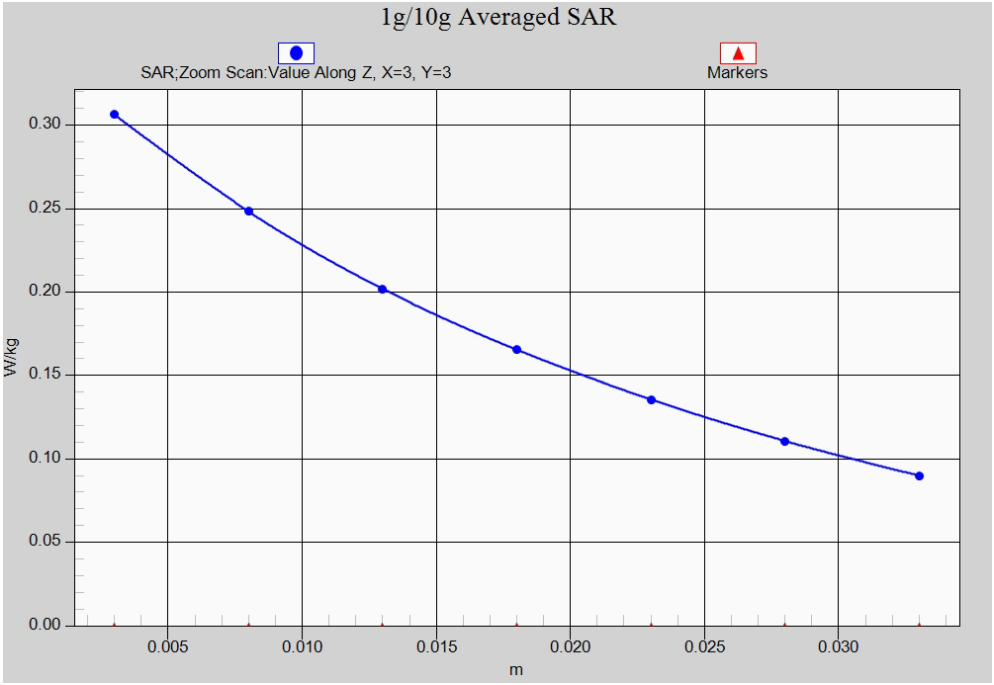


**Fig. 19-1 Z-Scan at power reference point (LTE Band12)**

**LTE Band 12 Body Rear Low with QPSK_10M_1RB_Middle**
Date: 2016-5-3
Electronics: DAE4 Sn777
Medium: Body 750 MHz
Medium parameters used (interpolated): f = 704 MHz; $\sigma$ = 0.837 mho/m; $\varepsilon r$ = 56.975; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: LTE Band12 Frequency: 704 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(9.76, 9.76, 9.76)

**Area Scan (121x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.96 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.797 W/kg
**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.290 W/kg**
Maximum value of SAR (measured) = 0.592 W/kg

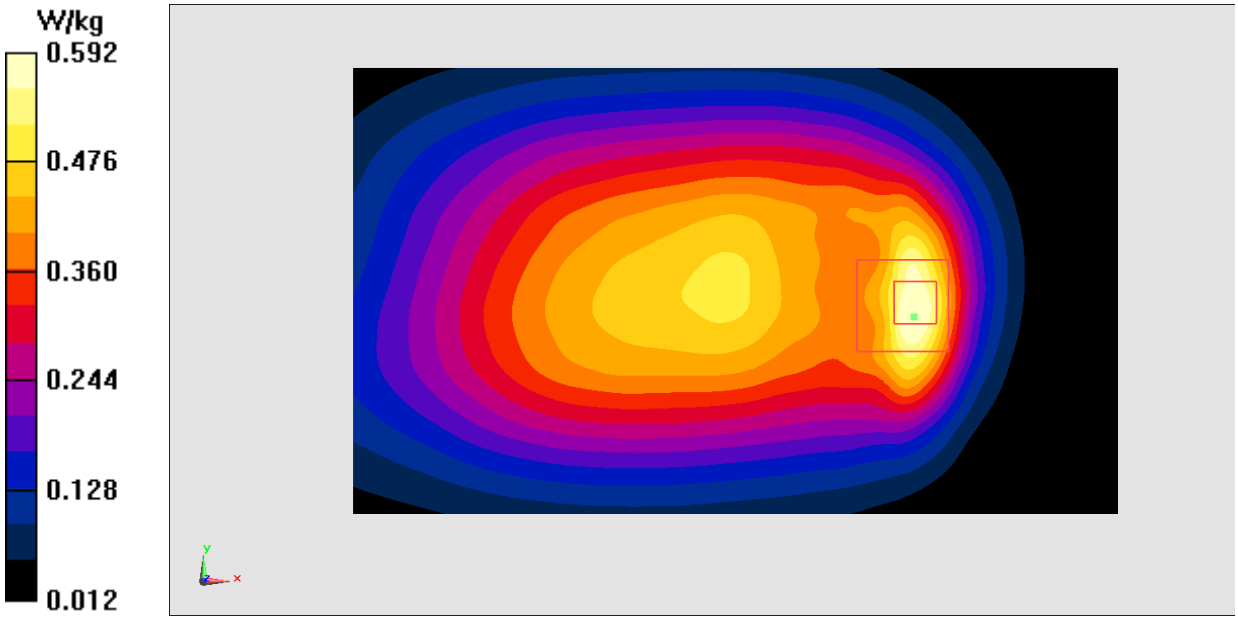


**Fig.20 LTE Band 12**

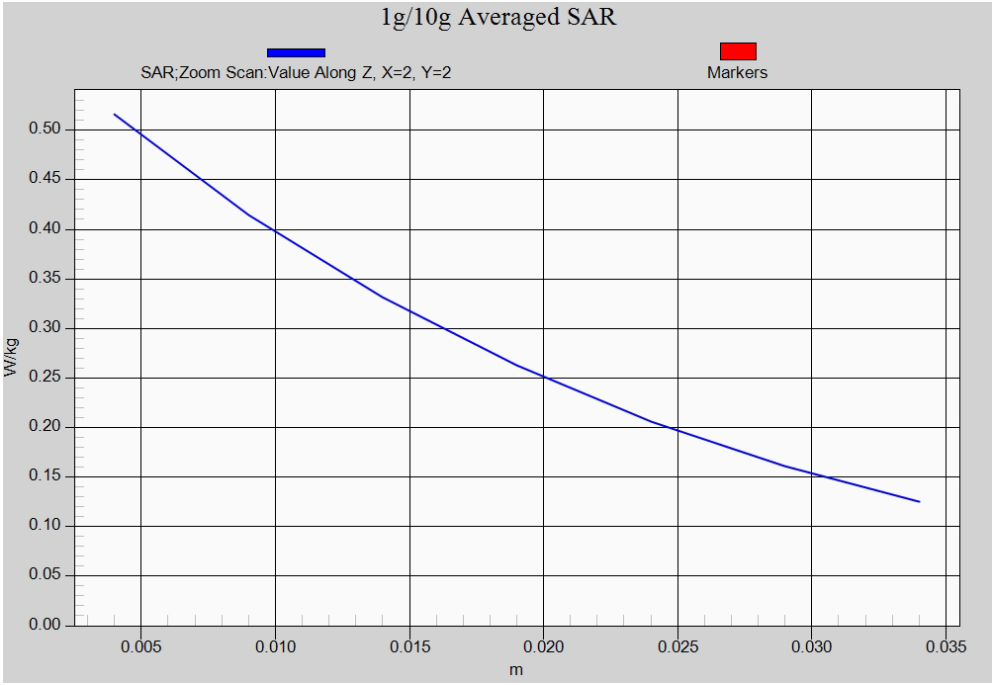


**Fig.20-1 Z-Scan at power reference point (LTE Band12)**

**Wifi 802.11b Left Cheek Channel 6**

Date: 2016-5-7
Electronics: DAE4 Sn777
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.823 mho/m; $\varepsilon_r$ = 38.671; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.24, 7.24, 7.24)

**Area Scan (81x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.779 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.08 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.19 W/kg
**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.270 W/kg**
Maximum value of SAR (measured) = 0.728 W/kg

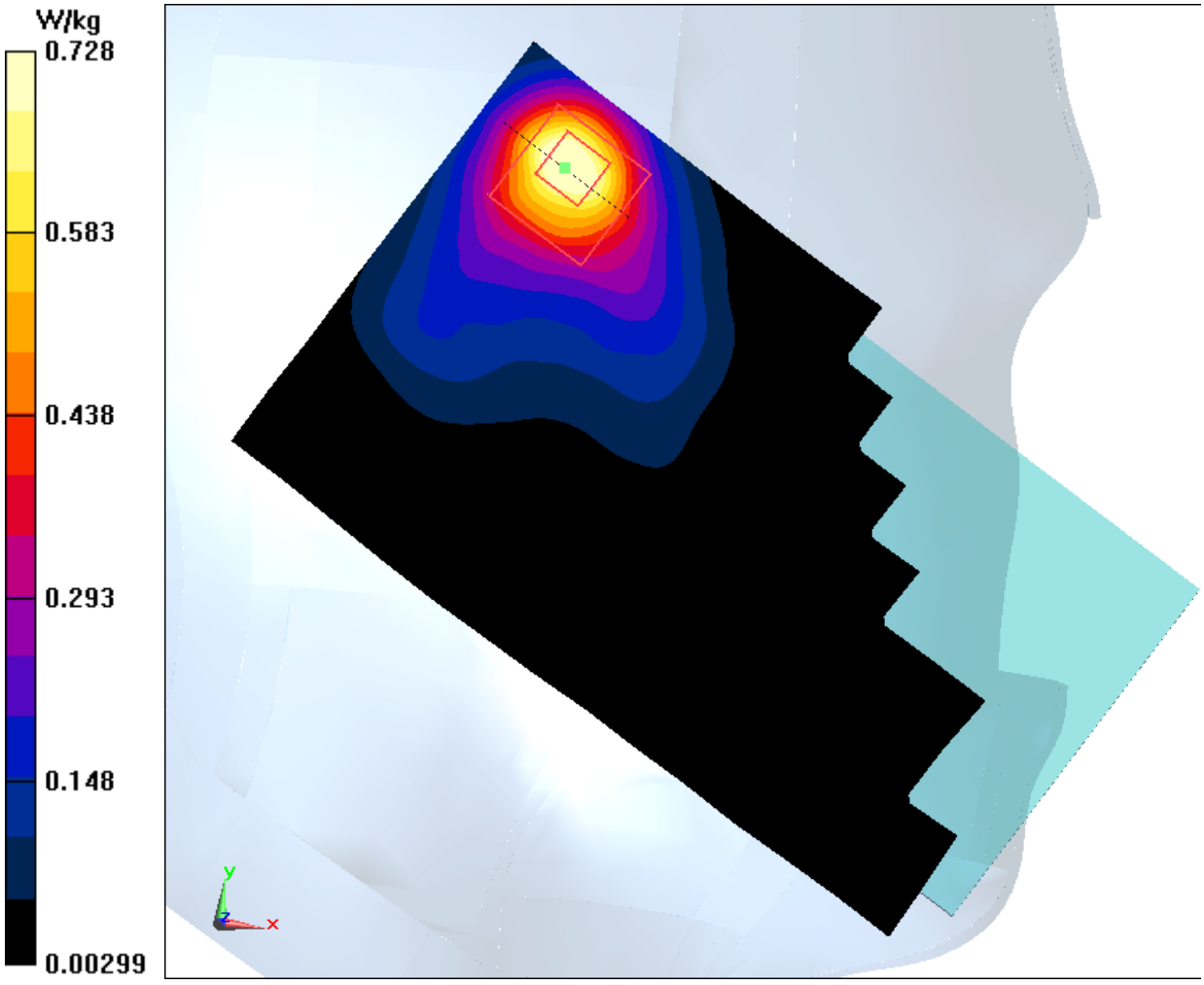


**Fig.21 2450 MHz**

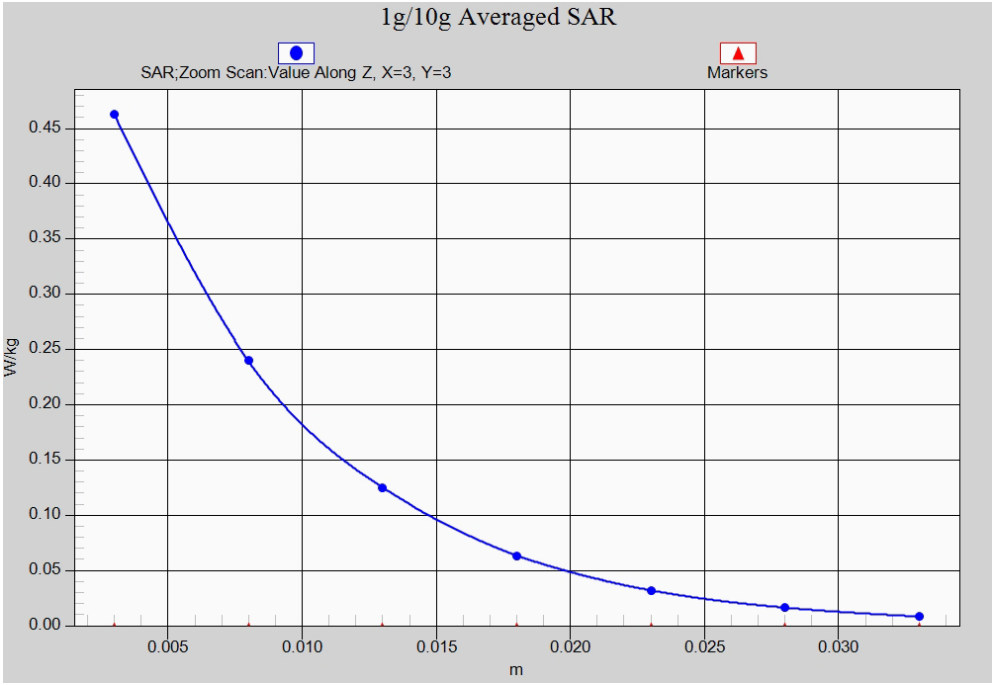


**Fig. 21-1 Z-Scan at power reference point (2450 MHz)**

**Wifi 802.11b Body Rear Channel 6**

Date: 2016-5-7
Electronics: DAE4 Sn777
Medium: Body 2450 MHz
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.971 mho/m; $\varepsilon_r$ = 51.743; $\rho$ = 1000 kg/$m^3$
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.35, 7.35, 7.35)

**Area Scan (151x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.268 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.164 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.378 W/kg
**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.091 W/kg**
Maximum value of SAR (measured) = 0.265 W/kg

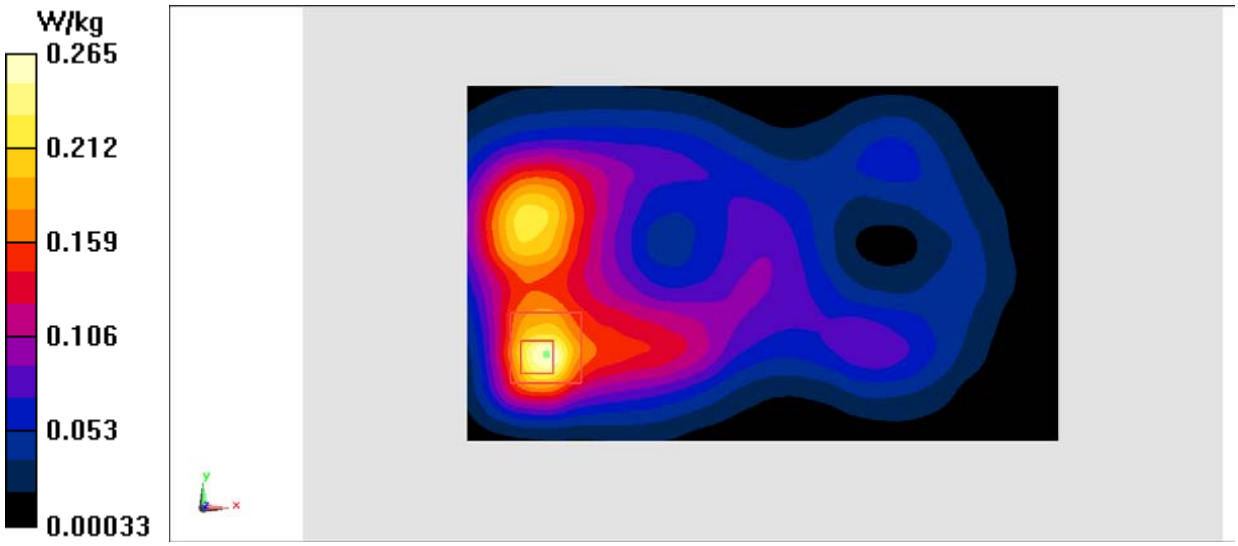


**Fig.22 2450 MHz**