| | |
|---|---|
| Re: | Class 2 change request |
| Applicant: | Kyocera Wireless Corp |
| FCC ID: | OVFQCP-2035 |
| 731 Confirmation Number: | EA97351 |

We would like to apply Class 2 Permissive change on our wireless handset QCP-2035 for a SAR solution modification. Originally, the metalized shroud was using to keep QCP-2035 SAR compliance. See attached photos in previous application. A full report was generated and submitted under FCC ID OVFQCP-2035.

In order to improve QCP-2035 sensitivity and further reduce cost, a new SAR solution has been developed. This new solution is by placing a copper label on the bottom of shroud and a metal bracket on the rear housing.

With the new solution implemented, the related test was performed to re-confirm the compliance of QCP-2035 for Specific Absorption Rate. The report has been uploaded via FCC OET Electronic Filing Site.

Regards,

Lin Lu
EMC/Regulatory Engineer, Staff,
Kyocera Wireless Corp.
Tel. (858)882-2406
Email: LLu@qualcomm.com

Federal Communication Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

| | |
|---|---|
| Re: | Class 2 permissive change (Response to a request by Linda Elliott) |
| Applicant: | Kyocera Wireless Corp |
| FCC ID: | OVFQCP-2035 |
| Correspondence Reference Number: | 14936 |
| 731 Confirmation Number: | EA98058 |
| Date of Original E-mail: | 07/07/2000 |

This Class 2 Permissive Change application is for our new SAR solution. Originally, the metalized shroud was using to keep QCP-2035 SAR compliance. The original report was submitted on 04/13/2000 and the grant was issued on 06/26/2000. The new SAR solution is by placing a copper label on the bottom of shroud and mounting a metal bracket on the rear housing. We believe this change may impact SAR performance only. Therefore, the completed SAR test has been re-performed and the SAR test report was uploaded under RF Exposure Info. Section on 06/29/2000 via FCC OET Electronic Filing Site. The original Part 22 & 24 test report shall be still suitable for this version of QCP-2035.

In case the previous loading did not go through. We are re-uploading the SAR test report under RF Exposure Info. Section with this response.

Best Regards,

Lin Lu
EMC/Regulatory Engineer, Staff,
Kyocera Wireless Corp.
Tel. (858)882-2406
Email: LLu@qualcomm.com

# KWC QCP-2035

## Reconfirmation of compliance

## SPECIFIC ABSORPTION RATE (SAR)

# Content

# 1 PURPOSE

This test report re-confirms the compliance of the QCP-2035 for Specific Absorption Rate. This wireless hand held device, manufactured by Kyocera Wireless Corp., was tested previously and a full report was generated. The testing was performed again to re-confirm that the device is still SAR compliant after the new SAR solution was implemented to the phone.

# 2 SAR TEST FACILITY

SAR tests were performed in the same KWC/QCP Inc. SAR Test Facility located at the following address:

KWC/QCP Inc.
Building AA
10300 Campus Point Drive
San Diego, CA92131

The description of KWC/QCP Inc. SAR test facility was stated in the original SAR report that was submitted under FCC ID: OVFQCP-2035.

# 3 APPLICABLE REGULATIONS

The QCP-2035 is designed to comply with the specific absorption rate SAR limits for distances within 20 cm of the transmitting elements of the MES, and with general public uncontrolled environment Maximum Permissible Exposure (MPE) limits at distances greater than 20 cm from the transmitting elements of the device, as required by Sections 1.1307 through 1.1310, 2.1093 of the 47 C.F.R. (1998). This test report pertains specifically to the following limit from the Code of Federal Regulations 47 "Limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 1.6 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube)."

# 4 NEW SAR SOLUTION

Originally, the metalized shroud was used in QCP-2035 for SAR compliance. See Photos in the original submittal under FCC ID: OVFQCP-2035.

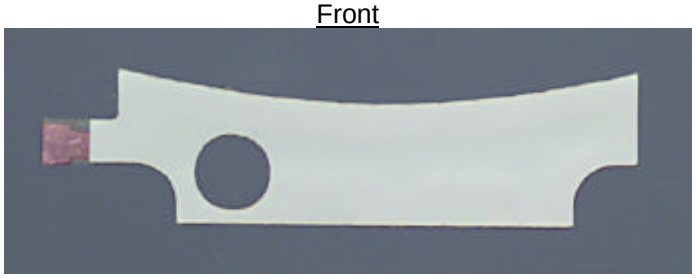
In order to improve QCP-2035 sensitivity and further reduce the cost, a new SAR solution has been developed. This new solution is by placing a copper label on the bottom of shroud and grounded at one end (See photos below), and also placing a metal bracket on the rear housing and grounded through a screw (See photos below). The test data in the following section shows that QCP-2035 met the SAR requirement after the modification was made.

## New SAR Configuration

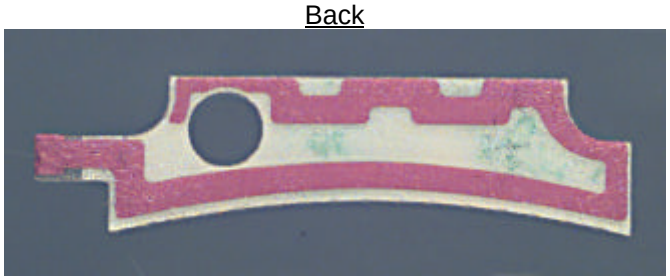
### Copper sticker

(This sticker was placed on the bottom of the shroud)

Front



Back

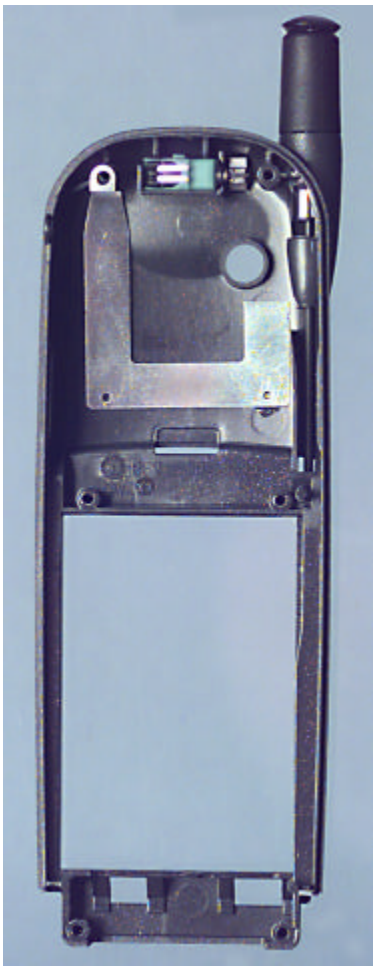


## Shroud with copper sticker

Front

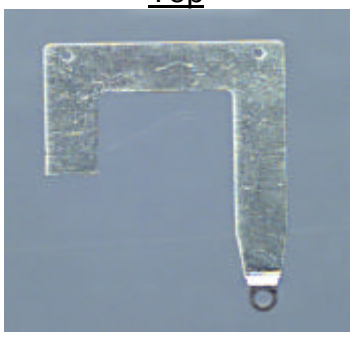
Back

## Back Housing with metal bracket

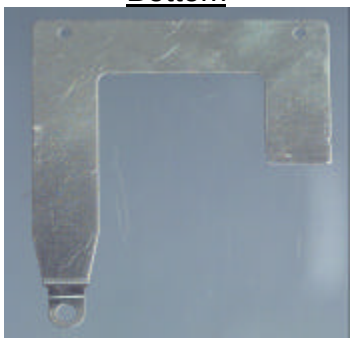


## Metal Bracket

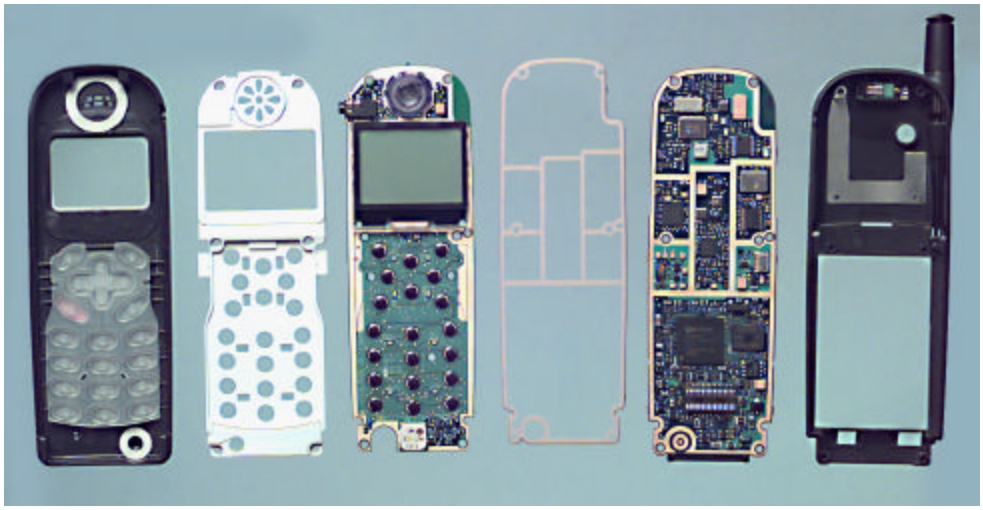
Top



Bottom



**All broads**
(w/ new SAR solution)



# 5 TEST SAMPLE OPERATION

The test sample (S/N: 6GXV0013940437) was made to transmit maximum power controlled by a phone_t software, a KWC phone control software. The DASY 3 system checks E fields strength at a fixed location before and after each scan, and checks for drift due to draining of the battery or some other effect. This shows up as "drift" on the report and if it is too high the test is repeated.

# 6 MAXIMUM OUTPUT POWER AND SAR TEST RESULTS

## 6.1 Maximum output power

QCP-2035 was set to maximum conducted power level by using phone_t software. The analog RF output power (conducted) was measured using a HP 8920B RF communication test set. The CDMA RF output power (conducted) was measured using a HP 8594E Spectrum Analyzer that has the CDMA personality option. The conducted power level was set 1dB higher than the nominal power level to surely include the manufacture tolerance (0.75dB). The maximum conducted output power levels are listed in table 6-1.

**Table 6-1:** Maximum conducted output power

| Mode/band | Max. conducted output power |
|---|---|
| Analog (FM) / cellular band | 571.5 mW |
| Digital (CDMA) / cellular band | 457.1 mW |
| Digital (CDMA) / PCS | 208.9 mW |

## 6.2 SAR test results

QCP-2035 has been re-tested for the new SAR configuration described in Section 4. All normal antenna operating positions were incorporated, with the device transmitting maximum power of the low, high, and mid-band frequencies of the QCP-2035. The QCP-2035 has been shown to be capable of compliance for localised SAR limits specified in ANSI/IEEE std. C95.3-1992 and OET Bulletin 65.

SAR test setup was remained as same as previous setup. The setup photos were attached in the previous report.

The following table lists the 1gram average SAR values measured on the KWC QCP-2035:

***Brain SAR Measurement Results***

| Channel/Mode | SAR (mW/g) (antenna retracted) | SAR (mW/g) (antenna extended) |
|---|---|---|
| CH 383 - FM | 1.49 | 1.01 |
| CH 799 - FM | 1.24 | 1.41 |
| CH 991 - FM | 1.02 | 1.27 |
| | | |
| CH 383 - CDMA | 1.21 | 0.845 |
| CH 777 - CDMA | 0.879 | 1.06 |
| CH 1013 - CDMA | 0.821 | 0.912 |
| | | |
| CH 600 - PCS | 0.696 | 0.899 |
| CH 1175 - PCS | 0.822 | 0.951 |
| CH 25 - PCS | 1.28 | 1.21 |

***Body-Worn SAR Measurement Results (with KWC belt clip)***

| Channel/Mode | SAR (mW/g) (antenna retracted) | SAR (mW/g) (antenna extended) |
|---|---|---|
| CH 383 - FM | 0.803 | 0.491 |
| CH 799 - FM | 0.925 | 0.809 |
| CH 991 - FM | 0.684 | 0.694 |
| | | |
| CH 600 - PCS | 0.236 | 0.304 |
| CH 1175 - PCS | 0.222 | 0.214 |
| CH 25 - PCS | 0.347 | 0.358 |

***Body-Worn SAR Measurement Results (with 2.3cm air gap)***

| Channel/Mode | SAR (mW/g) (antenna retracted) | SAR (mW/g) (antenna extended) |
|---|---|---|
| CH 383 - FM | 0.679 | 0.669 |
| CH 799 - FM | 1.24 | 1.11 |
| CH 991 - FM | 1.17 | 1.48 |
| | | |
| CH 600 - PCS | 0.237 | 0.322 |
| CH 1175 - PCS | 0.289 | 0.343 |
| CH 25 - PCS | 0.541 | 0.535 |

All plots are attached at the end of this report.

# 7 TISSUE PARAMENTS AND SAR TEST EQUIPMENT

To verify that the QCP-2035 is indeed SAR compliant, head SAR testing was performed with brain tissue and waist SAR testing was performed with muscle tissue.

The table below shows the parameters of brain and muscle tissue used for SAR tests reported in this report.

**PARAMETERS OF BRAIN AND MUSCLE TISSUE**

| | **Frequency** | **Permittivity** | **Conductivity (S/m)** | **Notes** |
|---|---|---|---|---|
| Brain | 900 MHz | 42.5 | 0.85 | specified by DASY3-user manual |
| Muscle | 900 MHz | 56.1 | 0.95 | specified by OET bulletin 65, supplemental C and DASY3-user manual |
| | | | | |
| Brain | 1800 MHz | 40.5 | 1.65 | specified by DASY3-user manual |
| Muscle | 1800 MHz | 54 | 1.45 | specified by OET bulletin 65, supplemental C. |

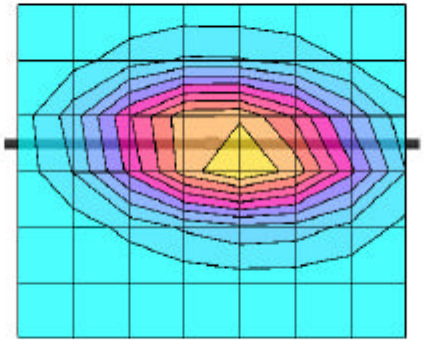
HP85070B dielectric measurement system was used to calibrate brain and muscle tissues. Before a head SAR testing, the system was validated using a symmetric dipole designed to be matched 10 mm from the phantom filled with the brain simulating fluid. With 1 watt input to the dipole, the correct SAR was determined by Schmid & Partner to be 9.44 mW/g for the type D900V2 dipole and 39.9 mW/gm for the type D1800V2 dipole. The manufacture validation data sheets were attached in the original submittal under FCC ID OVFQCP-2035. The validation results show in the proceeding pages.

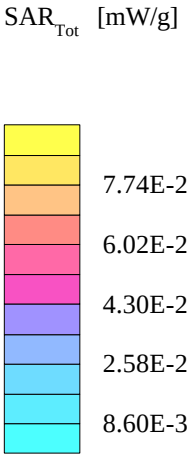
Before a waist SAR testing, the probe conversion factor was set to 3% lower than for brain tissue in 900MHz frequency, and 10% lower than for brain tissue in 1800MHz, that is based on DASY3-user manual Page 49 and the email from Schmid & Partner Engineering AG. The user manual and email were attached in the original report. The dielectric data sheets of muscle tissue are attached in the proceeding pages.

## Validation Results

# 900MHz Validation 6-13-00, Taget Vaule = 0.0944 mW/g (input power = 10dBm)

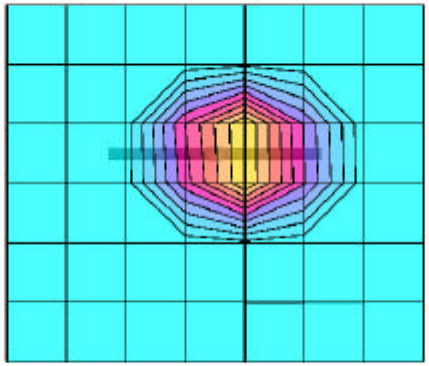
SAR (1g): 0.0934 [mW/g] ± 0.23 dB, SAR (10g): 0.0614 [mW/g] ± 0.25 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.8 $\rho$ = 1.00 [g/cm$^3$]
File Name: ValidationFlat 900MHz 6-13-00.DA3
Powerdrift: 0.02 dB

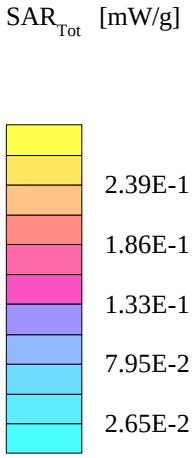




# 1800MHz Validation 6-16-00, Taget Value = 0.399 mW/g (input power = 10dBm)

SAR (1g): 0.391 [mW/g] ± 0.23 dB, SAR (10g): 0.197 [mW/g] ± 0.27 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.00,5.00,5.00)
brain 1800 MHz: $\sigma$ = 1.68 [mho/m] $\varepsilon_r$ = 40.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: ValidationFlat 1800MHz 6-16-00.DA3
Powerdrift: -0.05 dB





# Dielectric data sheets

Reference math : OFF  Title: 6-19-00

| Pt# | Frequency (GHz) | Data real | Data imag |
|---|---|---|---|
| 1 | 0.100000000 | 66.55 | 3.99 |
| 2 | 0.114500000 | 66.34 | 4.32 |
| 3 | 0.129000000 | 66.13 | 4.43 |
| 4 | 0.143500000 | 65.92 | 4.38 |
| 5 | 0.158000000 | 65.82 | 4.61 |
| 6 | 0.172500000 | 65.71 | 4.76 |
| 7 | 0.187000000 | 65.58 | 4.86 |
| 8 | 0.201500000 | 65.39 | 5.02 |
| 9 | 0.216000000 | 65.28 | 5.06 |
| 10 | 0.230500000 | 64.96 | 5.19 |
| 11 | 0.245000000 | 64.92 | 5.47 |
| 12 | 0.259500000 | 64.75 | 5.53 |
| 13 | 0.274000000 | 64.80 | 5.53 |
| 14 | 0.288500000 | 64.71 | 5.84 |
| 15 | 0.303000000 | 64.45 | 6.11 |
| 16 | 0.317500000 | 64.36 | 6.21 |
| 17 | 0.332000000 | 64.18 | 6.31 |
| 18 | 0.346500000 | 64.16 | 6.44 |
| 19 | 0.361000000 | 64.05 | 6.59 |
| 20 | 0.375500000 | 63.86 | 6.68 |
| 21 | 0.390000000 | 63.80 | 6.85 |
| 22 | 0.404500000 | 63.69 | 7.09 |
| 23 | 0.419000000 | 63.62 | 7.14 |
| 24 | 0.433500000 | 63.49 | 7.32 |
| 25 | 0.448000000 | 63.33 | 7.34 |
| 26 | 0.462500000 | 63.29 | 7.59 |
| 27 | 0.477000000 | 63.19 | 7.75 |
| 28 | 0.491500000 | 63.07 | 7.81 |
| 29 | 0.506000000 | 62.87 | 7.93 |
| 30 | 0.520500000 | 62.85 | 8.09 |
| 31 | 0.535000000 | 62.73 | 8.20 |
| 32 | 0.549500000 | 62.64 | 8.38 |
| 33 | 0.564000000 | 62.49 | 8.55 |
| 34 | 0.578500000 | 62.42 | 8.65 |
| 35 | 0.593000000 | 62.28 | 8.83 |
| 36 | 0.607500000 | 62.21 | 8.86 |
| 37 | 0.622000000 | 62.11 | 9.00 |
| 38 | 0.636500000 | 62.01 | 9.07 |
| 39 | 0.651000000 | 61.90 | 9.18 |
| 40 | 0.665500000 | 61.81 | 9.35 |
| 41 | 0.680000000 | 61.72 | 9.48 |
| 42 | 0.694500000 | 61.64 | 9.62 |
| 43 | 0.709000000 | 61.47 | 9.69 |
| 44 | 0.723500000 | 61.43 | 9.84 |
| 45 | 0.738000000 | 61.29 | 9.95 |
| 46 | 0.752500000 | 61.14 | 10.03 |
| 47 | 0.767000000 | 61.07 | 10.12 |
| 48 | 0.781500000 | 61.02 | 10.29 |
| 49 | 0.796000000 | 60.89 | 10.36 |
| 50 | 0.810500000 | 60.76 | 10.48 |
| 51 | 0.825000000 | 60.66 | 10.58 |
| 52 | 0.839500000 | 60.57 | 10.70 |
| 53 | 0.854000000 | 60.48 | 10.76 |

1800MHz Muscle tissue Cal.

| | | | |
|---|---|---|---|
| 54 | 0.868500000 | 60.38 | 10.87 |
| 55 | 0.883000000 | 60.33 | 10.99 |
| 56 | 0.897500000 | 60.19 | 11.13 |
| 57 | 0.912000000 | 60.05 | 11.22 |
| 58 | 0.926500000 | 60.00 | 11.31 |
| 59 | 0.941000000 | 59.87 | 11.41 |
| 60 | 0.955500000 | 59.80 | 11.53 |
| 61 | 0.970000000 | 59.67 | 11.60 |
| 62 | 0.984500000 | 59.55 | 11.75 |
| 63 | 0.999000000 | 59.46 | 11.80 |
| 64 | 1.013500000 | 59.38 | 11.87 |
| 65 | 1.028000000 | 59.26 | 11.99 |
| 66 | 1.042500000 | 59.16 | 12.07 |
| 67 | 1.057000000 | 59.06 | 12.14 |
| 68 | 1.071500000 | 58.95 | 12.24 |
| 69 | 1.086000000 | 58.86 | 12.29 |
| 70 | 1.100500000 | 58.78 | 12.40 |
| 71 | 1.115000000 | 58.65 | 12.47 |
| 72 | 1.129500000 | 58.54 | 12.53 |
| 73 | 1.144000000 | 58.44 | 12.61 |
| 74 | 1.158500000 | 58.34 | 12.70 |
| 75 | 1.173000000 | 58.26 | 12.76 |
| 76 | 1.187500000 | 58.18 | 12.81 |
| 77 | 1.202000000 | 58.13 | 12.90 |
| 78 | 1.216500000 | 58.06 | 12.97 |
| 79 | 1.231000000 | 57.98 | 13.05 |
| 80 | 1.245500000 | 57.85 | 13.14 |
| 81 | 1.260000000 | 57.81 | 13.24 |
| 82 | 1.274500000 | 57.71 | 13.36 |
| 83 | 1.289000000 | 57.61 | 13.47 |
| 84 | 1.303500000 | 57.53 | 13.54 |
| 85 | 1.318000000 | 57.42 | 13.60 |
| 86 | 1.332500000 | 57.32 | 13.66 |
| 87 | 1.347000000 | 57.21 | 13.73 |
| 88 | 1.361500000 | 57.08 | 13.82 |
| 89 | 1.376000000 | 57.00 | 13.87 |
| 90 | 1.390500000 | 56.90 | 13.95 |
| 91 | 1.405000000 | 56.82 | 14.05 |
| 92 | 1.419500000 | 56.69 | 14.08 |
| 93 | 1.434000000 | 56.64 | 14.14 |
| 94 | 1.448500000 | 56.50 | 14.23 |
| 95 | 1.463000000 | 56.41 | 14.26 |
| 96 | 1.477500000 | 56.32 | 14.30 |
| 97 | 1.492000000 | 56.25 | 14.38 |
| 98 | 1.506500000 | 56.16 | 14.44 |
| 99 | 1.521000000 | 56.09 | 14.47 |
| 100 | 1.535500000 | 56.03 | 14.54 |
| 101 | 1.550000000 | 55.94 | 14.59 |
| 102 | 1.564500000 | 55.87 | 14.65 |
| 103 | 1.579000000 | 55.79 | 14.77 |
| 104 | 1.593500000 | 55.72 | 14.83 |
| 105 | 1.608000000 | 55.62 | 14.89 |
| 106 | 1.622500000 | 55.56 | 14.96 |
| 107 | 1.637000000 | 55.43 | 15.03 |
| 108 | 1.651500000 | 55.34 | 15.12 |
| 109 | 1.666000000 | 55.24 | 15.16 |
| 110 | 1.680500000 | 55.14 | 15.22 |

| | | | |
|---|---|---|---|
| 111 | 1.695000000 | 55.05 | 15.25 |
| 112 | 1.709500000 | 54.97 | 15.33 |
| 113 | 1.724000000 | 54.84 | 15.38 |
| 114 | 1.738500000 | 54.76 | 15.43 |
| 115 | 1.753000000 | 54.67 | 15.42 |
| 116 | 1.767500000 | 54.62 | 15.48 |
| 117 | 1.782000000 | 54.52 | 15.56 |
| 118 | 1.796500000 | 54.44 | 15.58 |
| 119 | 1.811000000 | 54.38 | 15.63 → $\delta$ = 1.56 mhg/m |
| 120 | 1.825500000 | 54.31 | 15.66 |
| 121 | 1.840000000 | 54.21 | 15.75 |
| 122 | 1.854500000 | 54.18 | 15.77 |
| 123 | 1.869000000 | 54.09 | 15.85 |
| 124 | 1.883500000 | 54.02 | 15.90 |
| 125 | 1.898000000 | 53.91 | 15.95 |
| 126 | 1.912500000 | 53.83 | 16.04 |
| 127 | 1.927000000 | 53.76 | 16.11 |
| 128 | 1.941500000 | 53.68 | 16.16 |
| 129 | 1.956000000 | 53.58 | 16.20 |
| 130 | 1.970500000 | 53.50 | 16.24 |
| 131 | 1.985000000 | 53.45 | 16.28 |
| 132 | 1.999500000 | 53.33 | 16.35 |
| 133 | 2.014000000 | 53.26 | 16.38 |
| 134 | 2.028500000 | 53.15 | 16.42 |
| 135 | 2.043000000 | 53.08 | 16.47 |
| 136 | 2.057500000 | 53.00 | 16.54 |
| 137 | 2.072000000 | 52.92 | 16.57 |
| 138 | 2.086500000 | 52.83 | 16.58 |
| 139 | 2.101000000 | 52.77 | 16.63 |
| 140 | 2.115500000 | 52.69 | 16.70 |
| 141 | 2.130000000 | 52.60 | 16.71 |
| 142 | 2.144500000 | 52.54 | 16.76 |
| 143 | 2.159000000 | 52.47 | 16.79 |
| 144 | 2.173500000 | 52.40 | 16.83 |
| 145 | 2.188000000 | 52.32 | 16.86 |
| 146 | 2.202500000 | 52.24 | 16.92 |
| 147 | 2.217000000 | 52.17 | 16.98 |
| 148 | 2.231500000 | 52.10 | 16.96 |
| 149 | 2.246000000 | 52.03 | 17.05 |
| 150 | 2.260500000 | 51.95 | 17.07 |
| 151 | 2.275000000 | 51.89 | 17.12 |
| 152 | 2.289500000 | 51.82 | 17.17 |
| 153 | 2.304000000 | 51.76 | 17.20 |
| 154 | 2.318500000 | 51.64 | 17.26 |
| 155 | 2.333000000 | 51.59 | 17.28 |
| 156 | 2.347500000 | 51.52 | 17.33 |
| 157 | 2.362000000 | 51.45 | 17.36 |
| 158 | 2.376500000 | 51.38 | 17.40 |
| 159 | 2.391000000 | 51.32 | 17.43 |
| 160 | 2.405500000 | 51.25 | 17.51 |
| 161 | 2.420000000 | 51.20 | 17.53 |
| 162 | 2.434500000 | 51.12 | 17.55 |
| 163 | 2.449000000 | 51.05 | 17.56 |
| 164 | 2.463500000 | 51.00 | 17.63 |
| 165 | 2.478000000 | 50.92 | 17.68 |
| 166 | 2.492500000 | 50.88 | 17.70 |
| 167 | 2.507000000 | 50.79 | 17.76 |

Reference math : OFF  Title: 6-20-00

| Pt# | Frequency (GHz) | Data real | Data tan d |
|---|---|---|---|
| 1 | 0.100000000 | 65.52 | 0.990 |
| 2 | 0.114500000 | 65.19 | 0.875 |
| 3 | 0.129000000 | 64.92 | 0.794 |
| 4 | 0.143500000 | 64.52 | 0.733 |
| 5 | 0.158000000 | 64.49 | 0.682 |
| 6 | 0.172500000 | 64.35 | 0.632 |
| 7 | 0.187000000 | 63.94 | 0.599 |
| 8 | 0.201500000 | 63.34 | 0.570 |
| 9 | 0.216000000 | 63.27 | 0.541 |
| 10 | 0.230500000 | 63.05 | 0.518 |
| 11 | 0.245000000 | 62.87 | 0.501 |
| 12 | 0.259500000 | 62.58 | 0.484 |
| 13 | 0.274000000 | 62.36 | 0.465 |
| 14 | 0.288500000 | 62.24 | 0.451 |
| 15 | 0.303000000 | 62.09 | 0.439 |
| 16 | 0.317500000 | 61.81 | 0.428 |
| 17 | 0.332000000 | 61.73 | 0.418 |
| 18 | 0.346500000 | 61.56 | 0.411 |
| 19 | 0.361000000 | 61.36 | 0.403 |
| 20 | 0.375500000 | 61.25 | 0.393 |
| 21 | 0.390000000 | 60.96 | 0.388 |
| 22 | 0.404500000 | 60.82 | 0.385 |
| 23 | 0.419000000 | 60.60 | 0.378 |
| 24 | 0.433500000 | 60.50 | 0.373 |
| 25 | 0.448000000 | 60.34 | 0.369 |
| 26 | 0.462500000 | 60.15 | 0.365 |
| 27 | 0.477000000 | 60.02 | 0.360 |
| 28 | 0.491500000 | 59.90 | 0.357 |
| 29 | 0.506000000 | 59.78 | 0.354 |
| 30 | 0.520500000 | 59.61 | 0.351 |
| 31 | 0.535000000 | 59.48 | 0.349 |
| 32 | 0.549500000 | 59.35 | 0.348 |
| 33 | 0.564000000 | 59.16 | 0.346 |
| 34 | 0.578500000 | 59.03 | 0.344 |
| 35 | 0.593000000 | 58.93 | 0.342 |
| 36 | 0.607500000 | 58.72 | 0.341 |
| 37 | 0.622000000 | 58.63 | 0.340 |
| 38 | 0.636500000 | 58.52 | 0.338 |
| 39 | 0.651000000 | 58.35 | 0.338 |
| 40 | 0.665500000 | 58.20 | 0.337 |
| 41 | 0.680000000 | 58.08 | 0.335 |
| 42 | 0.694500000 | 57.96 | 0.335 |
| 43 | 0.709000000 | 57.82 | 0.334 |
| 44 | 0.723500000 | 57.67 | 0.335 |
| 45 | 0.738000000 | 57.58 | 0.333 |
| 46 | 0.752500000 | 57.41 | 0.333 |
| 47 | 0.767000000 | 57.32 | 0.332 |
| 48 | 0.781500000 | 57.18 | 0.333 |
| 49 | 0.796000000 | 57.02 | 0.333 |
| 50 | 0.810500000 | 56.92 | 0.333 |
| 51 | 0.825000000 | 56.77 | 0.334 |
| 52 | 0.839500000 | 56.75 | 0.332 |
| 53 | 0.854000000 | 56.61 | 0.333 |

900 MHz Muscle tissue Cal.

| | | | |
|---|---|---|---|
| 54 | 0.868500000 | 56.48 | 0.332 |
| 55 | 0.883000000 | 56.34 | 0.333 |
| 56 | 0.897500000 | 56.20 | 0.333 → σ = 0.94 mho/m |
| 57 | 0.912000000 | 56.14 | 0.334 |
| 58 | 0.926500000 | 55.99 | 0.335 |
| 59 | 0.941000000 | 55.91 | 0.335 |
| 60 | 0.955500000 | 55.77 | 0.335 |
| 61 | 0.970000000 | 55.65 | 0.335 |
| 62 | 0.984500000 | 55.54 | 0.336 |
| 63 | 0.999000000 | 55.42 | 0.336 |
| 64 | 1.013500000 | 55.31 | 0.337 |
| 65 | 1.028000000 | 55.17 | 0.338 |
| 66 | 1.042500000 | 55.06 | 0.338 |
| 67 | 1.057000000 | 54.98 | 0.339 |
| 68 | 1.071500000 | 54.79 | 0.340 |
| 69 | 1.086000000 | 54.71 | 0.340 |
| 70 | 1.100500000 | 54.61 | 0.341 |
| 71 | 1.115000000 | 54.52 | 0.341 |
| 72 | 1.129500000 | 54.40 | 0.342 |
| 73 | 1.144000000 | 54.32 | 0.342 |
| 74 | 1.158500000 | 54.19 | 0.343 |
| 75 | 1.173000000 | 54.08 | 0.345 |
| 76 | 1.187500000 | 53.95 | 0.345 |
| 77 | 1.202000000 | 53.86 | 0.346 |
| 78 | 1.216500000 | 53.77 | 0.346 |
| 79 | 1.231000000 | 53.66 | 0.348 |
| 80 | 1.245500000 | 53.53 | 0.347 |
| 81 | 1.260000000 | 53.41 | 0.348 |
| 82 | 1.274500000 | 53.30 | 0.349 |
| 83 | 1.289000000 | 53.26 | 0.350 |
| 84 | 1.303500000 | 53.18 | 0.350 |
| 85 | 1.318000000 | 53.09 | 0.351 |
| 86 | 1.332500000 | 52.99 | 0.352 |
| 87 | 1.347000000 | 52.90 | 0.353 |
| 88 | 1.361500000 | 52.77 | 0.354 |
| 89 | 1.376000000 | 52.65 | 0.355 |
| 90 | 1.390500000 | 52.55 | 0.356 |
| 91 | 1.405000000 | 52.47 | 0.357 |
| 92 | 1.419500000 | 52.39 | 0.358 |
| 93 | 1.434000000 | 52.25 | 0.359 |
| 94 | 1.448500000 | 52.15 | 0.360 |
| 95 | 1.463000000 | 52.00 | 0.361 |
| 96 | 1.477500000 | 51.90 | 0.362 |
| 97 | 1.492000000 | 51.82 | 0.363 |
| 98 | 1.506500000 | 51.79 | 0.362 |
| 99 | 1.521000000 | 51.72 | 0.363 |
| 100 | 1.535500000 | 51.65 | 0.363 |
| 101 | 1.550000000 | 51.52 | 0.363 |
| 102 | 1.564500000 | 51.46 | 0.365 |
| 103 | 1.579000000 | 51.36 | 0.366 |
| 104 | 1.593500000 | 51.28 | 0.368 |
| 105 | 1.608000000 | 51.22 | 0.369 |
| 106 | 1.622500000 | 51.17 | 0.369 |
| 107 | 1.637000000 | 51.07 | 0.371 |
| 108 | 1.651500000 | 50.94 | 0.372 |
| 109 | 1.666000000 | 50.84 | 0.373 |
| 110 | 1.680500000 | 50.69 | 0.375 |

Reference math : OFF  Title: 6-27-00

| Pt# | Frequency (GHz) | Data real | Data imag |
|---|---|---|---|
| 1 | 0.100000000 | 66.12 | 64.60 |
| 2 | 0.114500000 | 66.12 | 56.81 |
| 3 | 0.129000000 | 65.92 | 51.55 |
| 4 | 0.143500000 | 65.50 | 47.32 |
| 5 | 0.158000000 | 65.14 | 43.46 |
| 6 | 0.172500000 | 64.70 | 40.49 |
| 7 | 0.187000000 | 64.63 | 38.01 |
| 8 | 0.201500000 | 64.08 | 36.12 |
| 9 | 0.216000000 | 63.84 | 34.18 |
| 10 | 0.230500000 | 63.46 | 32.48 |
| 11 | 0.245000000 | 63.19 | 31.20 |
| 12 | 0.259500000 | 63.05 | 29.92 |
| 13 | 0.274000000 | 62.69 | 28.89 |
| 14 | 0.288500000 | 62.74 | 27.94 |
| 15 | 0.303000000 | 62.53 | 27.21 |
| 16 | 0.317500000 | 62.44 | 26.46 |
| 17 | 0.332000000 | 62.36 | 25.73 |
| 18 | 0.346500000 | 62.17 | 24.95 |
| 19 | 0.361000000 | 61.91 | 24.50 |
| 20 | 0.375500000 | 61.81 | 24.02 |
| 21 | 0.390000000 | 61.48 | 23.45 |
| 22 | 0.404500000 | 61.23 | 23.04 |
| 23 | 0.419000000 | 60.97 | 22.70 |
| 24 | 0.433500000 | 60.76 | 22.40 |
| 25 | 0.448000000 | 60.57 | 22.03 |
| 26 | 0.462500000 | 60.40 | 21.71 |
| 27 | 0.477000000 | 60.18 | 21.51 |
| 28 | 0.491500000 | 59.96 | 21.12 |
| 29 | 0.506000000 | 59.73 | 20.88 |
| 30 | 0.520500000 | 59.51 | 20.67 |
| 31 | 0.535000000 | 59.40 | 20.54 |
| 32 | 0.549500000 | 59.23 | 20.36 |
| 33 | 0.564000000 | 59.07 | 20.13 |
| 34 | 0.578500000 | 58.93 | 20.10 |
| 35 | 0.593000000 | 58.81 | 19.93 |
| 36 | 0.607500000 | 58.70 | 19.75 |
| 37 | 0.622000000 | 58.54 | 19.65 |
| 38 | 0.636500000 | 58.37 | 19.48 |
| 39 | 0.651000000 | 58.23 | 19.43 |
| 40 | 0.665500000 | 58.11 | 19.30 |
| 41 | 0.680000000 | 57.98 | 19.21 |
| 42 | 0.694500000 | 57.83 | 19.18 |
| 43 | 0.709000000 | 57.72 | 19.06 |
| 44 | 0.723500000 | 57.51 | 19.05 |
| 45 | 0.738000000 | 57.37 | 18.93 |
| 46 | 0.752500000 | 57.21 | 18.85 |
| 47 | 0.767000000 | 57.07 | 18.80 |
| 48 | 0.781500000 | 56.90 | 18.79 |
| 49 | 0.796000000 | 56.83 | 18.73 |
| 50 | 0.810500000 | 56.65 | 18.67 |
| 51 | 0.825000000 | 56.55 | 18.58 |
| 52 | 0.839500000 | 56.40 | 18.63 |
| 53 | 0.854000000 | 56.36 | 18.57 |

900 MHz Muscle tissue Cal.

| | | | |
|---|---|---|---|
| 54 | 0.868500000 | 56.21 | 18.55 |
| 55 | 0.883000000 | 56.12 | 18.47 |
| 56 | 0.897500000 | 56.05 | 18.48 → $\sigma = 0.94$ mho/m |
| 57 | 0.912000000 | 55.88 | 18.48 |
| 58 | 0.926500000 | 55.84 | 18.43 |
| 59 | 0.941000000 | 55.67 | 18.42 |
| 60 | 0.955500000 | 55.52 | 18.43 |
| 61 | 0.970000000 | 55.43 | 18.39 |
| 62 | 0.984500000 | 55.37 | 18.38 |
| 63 | 0.999000000 | 55.27 | 18.38 |
| 64 | 1.013500000 | 55.14 | 18.37 |
| 65 | 1.028000000 | 55.03 | 18.37 |
| 66 | 1.042500000 | 54.94 | 18.41 |
| 67 | 1.057000000 | 54.80 | 18.37 |
| 68 | 1.071500000 | 54.70 | 18.44 |
| 69 | 1.086000000 | 54.64 | 18.41 |
| 70 | 1.100500000 | 54.51 | 18.43 |
| 71 | 1.115000000 | 54.38 | 18.38 |
| 72 | 1.129500000 | 54.26 | 18.40 |
| 73 | 1.144000000 | 54.15 | 18.39 |
| 74 | 1.158500000 | 54.05 | 18.38 |
| 75 | 1.173000000 | 53.92 | 18.44 |
| 76 | 1.187500000 | 53.84 | 18.45 |
| 77 | 1.202000000 | 53.73 | 18.44 |
| 78 | 1.216500000 | 53.71 | 18.48 |
| 79 | 1.231000000 | 53.54 | 18.43 |
| 80 | 1.245500000 | 53.47 | 18.47 |
| 81 | 1.260000000 | 53.41 | 18.47 |
| 82 | 1.274500000 | 53.31 | 18.48 |
| 83 | 1.289000000 | 53.24 | 18.52 |
| 84 | 1.303500000 | 53.18 | 18.54 |
| 85 | 1.318000000 | 53.07 | 18.57 |
| 86 | 1.332500000 | 53.00 | 18.59 |
| 87 | 1.347000000 | 52.92 | 18.62 |
| 88 | 1.361500000 | 52.82 | 18.64 |
| 89 | 1.376000000 | 52.75 | 18.68 |
| 90 | 1.390500000 | 52.67 | 18.70 |
| 91 | 1.405000000 | 52.62 | 18.76 |
| 92 | 1.419500000 | 52.55 | 18.73 |
| 93 | 1.434000000 | 52.41 | 18.77 |
| 94 | 1.448500000 | 52.37 | 18.80 |
| 95 | 1.463000000 | 52.26 | 18.80 |
| 96 | 1.477500000 | 52.16 | 18.83 |
| 97 | 1.492000000 | 52.07 | 18.86 |
| 98 | 1.506500000 | 51.98 | 18.85 |
| 99 | 1.521000000 | 51.85 | 18.85 |
| 100 | 1.535500000 | 51.78 | 18.87 |
| 101 | 1.550000000 | 51.74 | 18.88 |
| 102 | 1.564500000 | 51.66 | 18.91 |
| 103 | 1.579000000 | 51.61 | 18.92 |
| 104 | 1.593500000 | 51.54 | 18.91 |
| 105 | 1.608000000 | 51.50 | 18.92 |
| 106 | 1.622500000 | 51.46 | 18.95 |
| 107 | 1.637000000 | 51.39 | 18.96 |
| 108 | 1.651500000 | 51.32 | 18.96 |
| 109 | 1.666000000 | 51.26 | 19.00 |
| 110 | 1.680500000 | 51.20 | 18.99 |

Reference math : OFF  Title: 6-27-00b

| Pt# | Frequency (GHz) | Data real | Data imag |
|---|---|---|---|
| 1 | 0.100000000 | 66.35 | 3.71 |
| 2 | 0.114500000 | 66.11 | 3.75 |
| 3 | 0.129000000 | 66.34 | 4.08 |
| 4 | 0.143500000 | 66.43 | 4.28 |
| 5 | 0.158000000 | 66.11 | 4.21 |
| 6 | 0.172500000 | 65.85 | 4.40 |
| 7 | 0.187000000 | 65.74 | 4.48 |
| 8 | 0.201500000 | 65.46 | 4.68 |
| 9 | 0.216000000 | 65.09 | 4.88 |
| 10 | 0.230500000 | 64.95 | 5.03 |
| 11 | 0.245000000 | 64.76 | 5.18 |
| 12 | 0.259500000 | 64.90 | 5.29 |
| 13 | 0.274000000 | 64.65 | 5.44 |
| 14 | 0.288500000 | 64.53 | 5.53 |
| 15 | 0.303000000 | 64.50 | 5.83 |
| 16 | 0.317500000 | 64.59 | 5.86 |
| 17 | 0.332000000 | 64.53 | 6.06 |
| 18 | 0.346500000 | 64.33 | 6.06 |
| 19 | 0.361000000 | 64.19 | 6.25 |
| 20 | 0.375500000 | 64.10 | 6.34 |
| 21 | 0.390000000 | 63.75 | 6.44 |
| 22 | 0.404500000 | 63.63 | 6.61 |
| 23 | 0.419000000 | 63.47 | 6.84 |
| 24 | 0.433500000 | 63.29 | 7.05 |
| 25 | 0.448000000 | 63.11 | 7.18 |
| 26 | 0.462500000 | 63.01 | 7.19 |
| 27 | 0.477000000 | 62.85 | 7.34 |
| 28 | 0.491500000 | 62.65 | 7.45 |
| 29 | 0.506000000 | 62.48 | 7.48 |
| 30 | 0.520500000 | 62.34 | 7.66 |
| 31 | 0.535000000 | 62.29 | 7.89 |
| 32 | 0.549500000 | 62.10 | 7.95 |
| 33 | 0.564000000 | 62.00 | 8.08 |
| 34 | 0.578500000 | 61.90 | 8.23 |
| 35 | 0.593000000 | 61.77 | 8.34 |
| 36 | 0.607500000 | 61.72 | 8.44 |
| 37 | 0.622000000 | 61.62 | 8.60 |
| 38 | 0.636500000 | 61.45 | 8.71 |
| 39 | 0.651000000 | 61.37 | 8.77 |
| 40 | 0.665500000 | 61.20 | 8.91 |
| 41 | 0.680000000 | 61.17 | 8.97 |
| 42 | 0.694500000 | 61.04 | 9.11 |
| 43 | 0.709000000 | 60.90 | 9.25 |
| 44 | 0.723500000 | 60.77 | 9.39 |
| 45 | 0.738000000 | 60.70 | 9.45 |
| 46 | 0.752500000 | 60.59 | 9.56 |
| 47 | 0.767000000 | 60.44 | 9.68 |
| 48 | 0.781500000 | 60.32 | 9.83 |
| 49 | 0.796000000 | 60.20 | 9.89 |
| 50 | 0.810500000 | 60.07 | 9.99 |
| 51 | 0.825000000 | 60.00 | 10.11 |
| 52 | 0.839500000 | 59.89 | 10.24 |
| 53 | 0.854000000 | 59.84 | 10.29 |

1800 MHz Muscle tissue Cal.

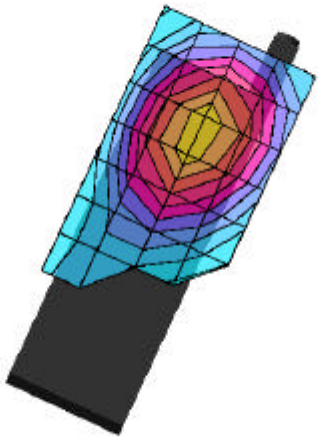
| | | | |
|---|---|---|---|
| 54 | 0.868500000 | 59.73 | 10.41 |
| 55 | 0.883000000 | 59.63 | 10.51 |
| 56 | 0.897500000 | 59.61 | 10.64 |
| 57 | 0.912000000 | 59.47 | 10.70 |
| 58 | 0.926500000 | 59.43 | 10.77 |
| 59 | 0.941000000 | 59.31 | 10.89 |
| 60 | 0.955500000 | 59.18 | 10.95 |
| 61 | 0.970000000 | 59.07 | 11.08 |
| 62 | 0.984500000 | 59.02 | 11.18 |
| 63 | 0.999000000 | 58.94 | 11.26 |
| 64 | 1.013500000 | 58.82 | 11.39 |
| 65 | 1.028000000 | 58.75 | 11.49 |
| 66 | 1.042500000 | 58.68 | 11.59 |
| 67 | 1.057000000 | 58.56 | 11.62 |
| 68 | 1.071500000 | 58.50 | 11.77 |
| 69 | 1.086000000 | 58.41 | 11.84 |
| 70 | 1.100500000 | 58.31 | 11.95 |
| 71 | 1.115000000 | 58.21 | 12.00 |
| 72 | 1.129500000 | 58.10 | 12.08 |
| 73 | 1.144000000 | 58.02 | 12.18 |
| 74 | 1.158500000 | 57.93 | 12.23 |
| 75 | 1.173000000 | 57.79 | 12.36 |
| 76 | 1.187500000 | 57.70 | 12.43 |
| 77 | 1.202000000 | 57.65 | 12.53 |
| 78 | 1.216500000 | 57.58 | 12.65 |
| 79 | 1.231000000 | 57.49 | 12.66 |
| 80 | 1.245500000 | 57.43 | 12.75 |
| 81 | 1.260000000 | 57.36 | 12.81 |
| 82 | 1.274500000 | 57.25 | 12.90 |
| 83 | 1.289000000 | 57.20 | 13.02 |
| 84 | 1.303500000 | 57.16 | 13.12 |
| 85 | 1.318000000 | 57.06 | 13.20 |
| 86 | 1.332500000 | 57.04 | 13.26 |
| 87 | 1.347000000 | 56.94 | 13.35 |
| 88 | 1.361500000 | 56.88 | 13.45 |
| 89 | 1.376000000 | 56.78 | 13.52 |
| 90 | 1.390500000 | 56.72 | 13.63 |
| 91 | 1.405000000 | 56.70 | 13.74 |
| 92 | 1.419500000 | 56.65 | 13.78 |
| 93 | 1.434000000 | 56.53 | 13.86 |
| 94 | 1.448500000 | 56.46 | 13.93 |
| 95 | 1.463000000 | 56.38 | 14.01 |
| 96 | 1.477500000 | 56.23 | 14.10 |
| 97 | 1.492000000 | 56.23 | 14.16 |
| 98 | 1.506500000 | 56.10 | 14.24 |
| 99 | 1.521000000 | 56.04 | 14.28 |
| 100 | 1.535500000 | 55.91 | 14.34 |
| 101 | 1.550000000 | 55.88 | 14.39 |
| 102 | 1.564500000 | 55.79 | 14.45 |
| 103 | 1.579000000 | 55.77 | 14.54 |
| 104 | 1.593500000 | 55.71 | 14.58 |
| 105 | 1.608000000 | 55.68 | 14.65 |
| 106 | 1.622500000 | 55.61 | 14.69 |
| 107 | 1.637000000 | 55.53 | 14.76 |
| 108 | 1.651500000 | 55.46 | 14.80 |
| 109 | 1.666000000 | 55.42 | 14.87 |
| 110 | 1.680500000 | 55.36 | 14.93 |

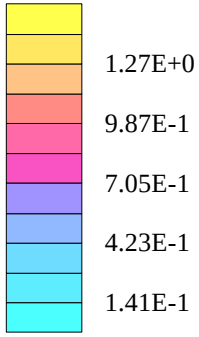
| | | | |
|---|---|---|---|
| 111 | 1.695000000 | 55.32 | 15.00 |
| 112 | 1.709500000 | 55.21 | 15.05 |
| 113 | 1.724000000 | 55.16 | 15.13 |
| 114 | 1.738500000 | 55.03 | 15.16 |
| 115 | 1.753000000 | 54.96 | 15.22 |
| 116 | 1.767500000 | 54.87 | 15.25 |
| 117 | 1.782000000 | 54.79 | 15.30 |
| 118 | 1.796500000 | 54.73 | 15.35 |
| 119 | 1.811000000 | 54.66 | 15.44 → $\sigma = 1.57$ mho/m |
| 120 | 1.825500000 | 54.58 | 15.45 |
| 121 | 1.840000000 | 54.50 | 15.52 |
| 122 | 1.854500000 | 54.44 | 15.55 |
| 123 | 1.869000000 | 54.38 | 15.64 |
| 124 | 1.883500000 | 54.32 | 15.68 |
| 125 | 1.898000000 | 54.25 | 15.72 |
| 126 | 1.912500000 | 54.20 | 15.79 |
| 127 | 1.927000000 | 54.14 | 15.82 |
| 128 | 1.941500000 | 54.04 | 15.88 |
| 129 | 1.956000000 | 54.00 | 15.93 |
| 130 | 1.970500000 | 53.92 | 15.98 |
| 131 | 1.985000000 | 53.83 | 16.03 |
| 132 | 1.999500000 | 53.79 | 16.07 |
| 133 | 2.014000000 | 53.73 | 16.14 |
| 134 | 2.028500000 | 53.63 | 16.18 |
| 135 | 2.043000000 | 53.54 | 16.21 |
| 136 | 2.057500000 | 53.45 | 16.25 |
| 137 | 2.072000000 | 53.35 | 16.29 |
| 138 | 2.086500000 | 53.27 | 16.32 |
| 139 | 2.101000000 | 53.19 | 16.36 |
| 140 | 2.115500000 | 53.08 | 16.38 |
| 141 | 2.130000000 | 53.07 | 16.43 |
| 142 | 2.144500000 | 52.99 | 16.45 |
| 143 | 2.159000000 | 52.92 | 16.48 |
| 144 | 2.173500000 | 52.87 | 16.51 |
| 145 | 2.188000000 | 52.80 | 16.54 |
| 146 | 2.202500000 | 52.73 | 16.56 |
| 147 | 2.217000000 | 52.67 | 16.56 |
| 148 | 2.231500000 | 52.61 | 16.62 |
| 149 | 2.246000000 | 52.52 | 16.62 |
| 150 | 2.260500000 | 52.46 | 16.67 |
| 151 | 2.275000000 | 52.39 | 16.68 |
| 152 | 2.289500000 | 52.36 | 16.75 |
| 153 | 2.304000000 | 52.25 | 16.78 |
| 154 | 2.318500000 | 52.21 | 16.80 |
| 155 | 2.333000000 | 52.16 | 16.84 |
| 156 | 2.347500000 | 52.06 | 16.87 |
| 157 | 2.362000000 | 51.99 | 16.92 |
| 158 | 2.376500000 | 51.93 | 16.97 |
| 159 | 2.391000000 | 51.84 | 16.99 |
| 160 | 2.405500000 | 51.75 | 17.00 |
| 161 | 2.420000000 | 51.66 | 17.07 |
| 162 | 2.434500000 | 51.53 | 17.10 |
| 163 | 2.449000000 | 51.45 | 17.15 |
| 164 | 2.463500000 | 51.38 | 17.18 |
| 165 | 2.478000000 | 51.32 | 17.22 |
| 166 | 2.492500000 | 51.22 | 17.25 |
| 167 | 2.507000000 | 51.15 | 17.27 |

# SAR Plots

# QCP-2035, #0437, FM ch383

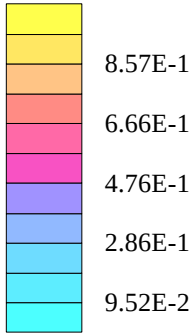
SAR (1g): 1.49 [mW/g] ± 0.17 dB, SAR (10g): 1.07 [mW/g] ± 0.14 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma = 0.85$ [mho/m] $\varepsilon_r = 42.8$ $\rho = 1.00$ [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, FM ch383, Ant G, 6-13-00.DA3
Powerdrift: 0.01 dB





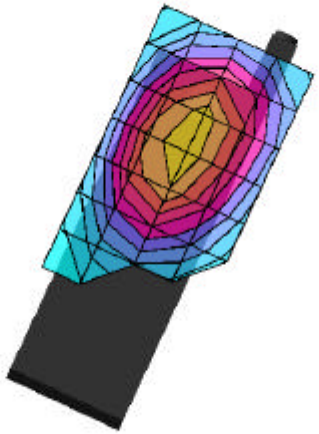
# QCP-2035, #0437, FM ch383

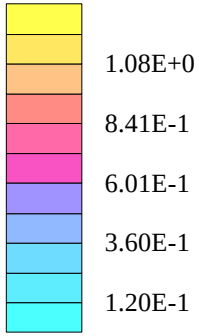
SAR (1g): 1.01 [mW/g] ± 0.21 dB, SAR (10g): 0.738 [mW/g] ± 0.15 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.8 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, FM ch383, Ant G, 6-13-00.DA3
Powerdrift: 0.04 dB



# QCP-2035, #0437, FM ch799

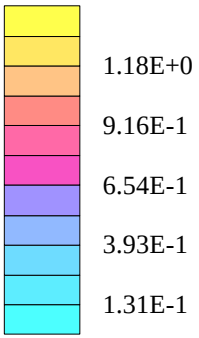
SAR (1g): 1.24 [mW/g] ± 0.14 dB, SAR (10g): 0.922 [mW/g] ± 0.14 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma = 0.85$ [mho/m] $\varepsilon_r = 42.8$ $\rho = 1.00$ [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, FM ch799, Ant G, 6-13-00.DA3
Powerdrift: -0.00 dB





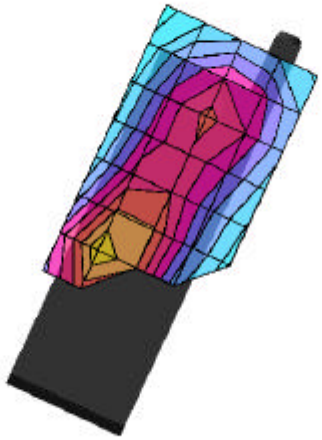
# QCP-2035, #0437, FM ch799

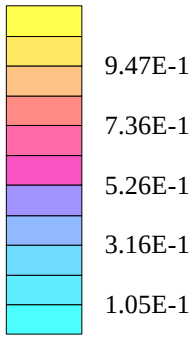
SAR (1g): 1.41 [mW/g] ± 0.16 dB, SAR (10g): 1.02 [mW/g] ± 0.16 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.8 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, FM ch799, Ant G, 6-13-00.DA3
Powerdrift: -0.02 dB



# QCP-2035, #0437, FM ch991

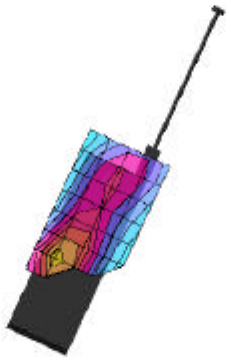
SAR (1g): 1.02 [mW/g] ± 0.05 dB, SAR (10g): 0.724 [mW/g] ± 0.05 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma = 0.85$ [mho/m] $\varepsilon_r = 42.8$ $\rho = 1.00$ [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, FM ch991, Ant G, 6-13-00.DA3
Powerdrift: 0.03 dB

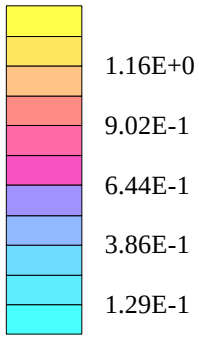




# QCP-2035, #0437, FM ch991

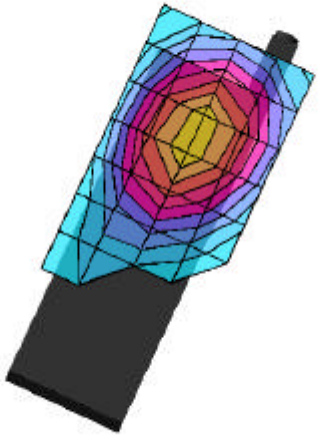
SAR (1g): 1.27 [mW/g] ± 0.01 dB, SAR (10g): 0.896 [mW/g] ± 0.01 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.8 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, FM ch991, Ant G, 6-13-00.DA3
Powerdrift: -0.00 dB

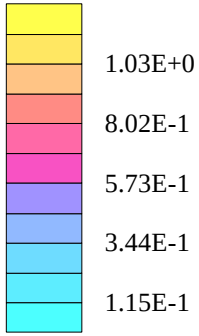




# QCP-2035, #0437, CDMA ch383

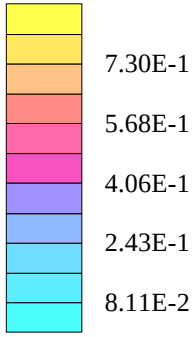
SAR (1g): 1.21 [mW/g] ± 0.20 dB, SAR (10g): 0.886 [mW/g] ± 0.18 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, CDMA ch383, Ant G, 6-19-00.DA3
Powerdrift: 0.10 dB





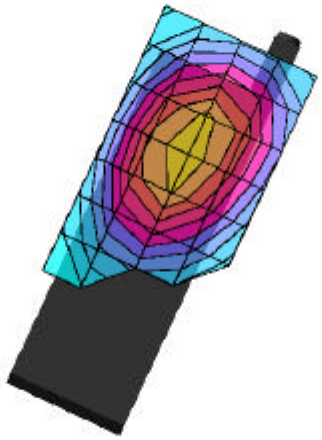
# QCP-2035, #0437, CDMA ch383

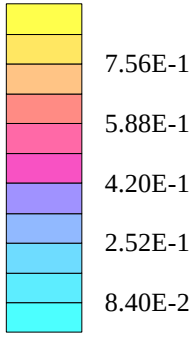
SAR (1g): 0.845 [mW/g] ± 0.16 dB, SAR (10g): 0.629 [mW/g] ± 0.17 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, CDMA ch383, Ant G, 6-19-00.DA3
Powerdrift: 0.08 dB



# QCP-2035, #0437, CDMA ch777

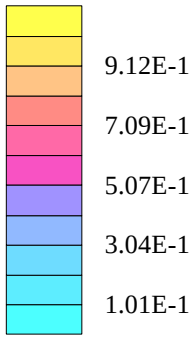
SAR (1g): 0.879 [mW/g] ± 0.16 dB, SAR (10g): 0.653 [mW/g] ± 0.15 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, CDMA ch777, Ant G, 6-19-00.DA3
Powerdrift: 0.02 dB





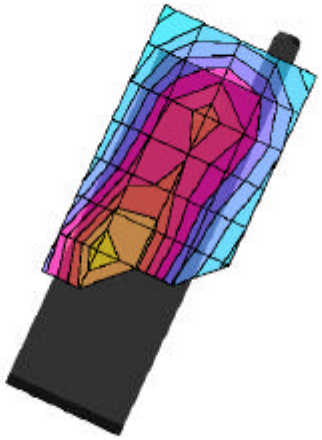
# QCP-2035, #0437, CDMA ch777

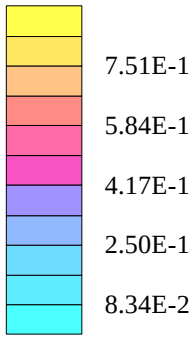
SAR (1g): 1.06 [mW/g] ± 0.13 dB, SAR (10g): 0.772 [mW/g] ± 0.16 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, CDMA ch777, Ant G, 6-19-00.DA3
Powerdrift: 0.05 dB



# QCP-2035, #0437, CDMA ch1013

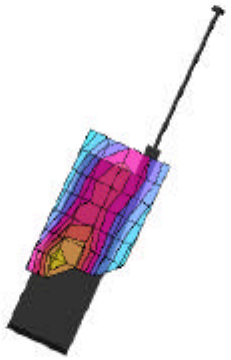
SAR (1g): 0.821 [mW/g] ± 0.02 dB, SAR (10g): 0.588 [mW/g] ± 0.03 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma = 0.85$ [mho/m] $\varepsilon_r = 42.1$ $\rho = 1.00$ [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, CDMA ch1013, Ant G, 6-19-00.DA3
Powerdrift: 0.16 dB

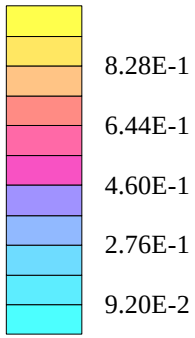




# QCP-2035, #0437, CDMA ch1013

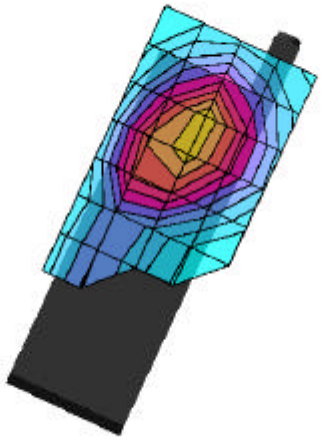
SAR (1g): 0.912 [mW/g] ± 0.08 dB, SAR (10g): 0.639 [mW/g] ± 0.01 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.90,5.90,5.90)
Brain 900MHz: $\sigma$ = 0.85 [mho/m] $\varepsilon_r$ = 42.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437_b, CDMA ch1013, Ant G, 6-19-00.DA3
Powerdrift: -0.03 dB

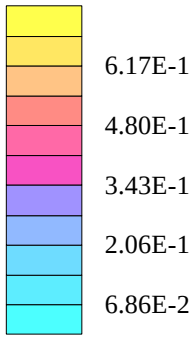




# QCP-2035, #0437, PCS ch600

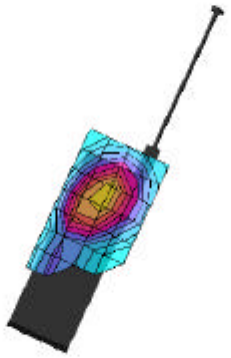
SAR (1g): 0.696 [mW/g] ± 0.04 dB, SAR (10g): 0.406 [mW/g] ± 0.10 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.00,5.00,5.00)
brain 1800 MHz: $\sigma$ = 1.68 [mho/m] $\varepsilon_r$ = 40.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch600, Ant G, 6-16-00.DA3
Powerdrift: 0.11 dB

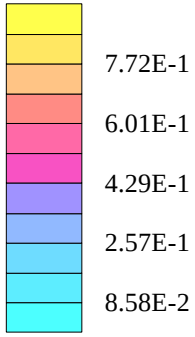




# QCP-2035, #0437, PCS ch600

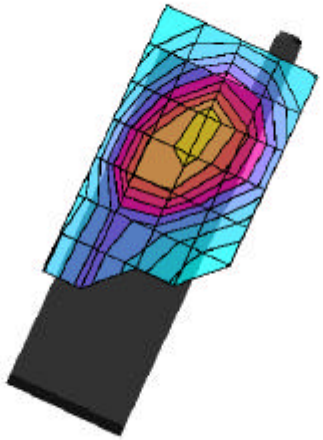
SAR (1g): 0.899 [mW/g] ± 0.01 dB, SAR (10g): 0.531 [mW/g] ± 0.03 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.00,5.00,5.00)
brain 1800 MHz: $\sigma$ = 1.68 [mho/m] $\varepsilon_r$ = 40.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch600, Ant G, 6-16-00.DA3
Powerdrift: -0.02 dB

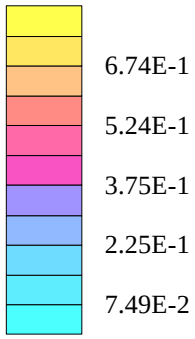




# QCP-2035, #0437, PCS ch1175

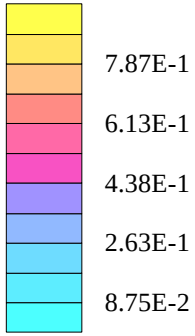
SAR (1g): 0.822 [mW/g] ± 0.01 dB, SAR (10g): 0.465 [mW/g] ± 0.05 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.00,5.00,5.00)
brain 1800 MHz: $\sigma$ = 1.68 [mho/m] $\varepsilon_r$ = 40.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch1175, Ant G, 6-16-00.DA3
Powerdrift: 0.04 dB





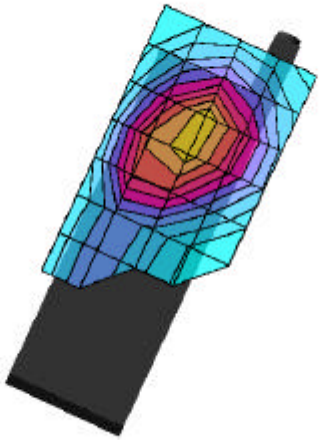
# QCP-2035, #0437, PCS ch1175

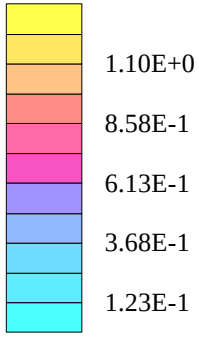
SAR (1g): 0.951 [mW/g] ± 0.05 dB, SAR (10g): 0.532 [mW/g] ± 0.03 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.00,5.00,5.00)
brain 1800 MHz: $\sigma$ = 1.68 [mho/m] $\varepsilon_r$ = 40.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch1175, Ant G, 6-16-00.DA3
Powerdrift: 0.01 dB



# QCP-2035, #0437, PCS ch25

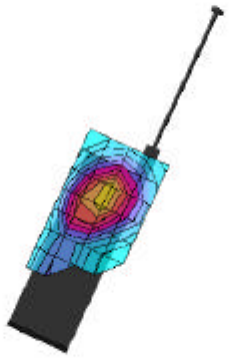
SAR (1g): 1.28  [mW/g] ± 0.04 dB, SAR (10g): 0.758  [mW/g] ± 0.07 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.00,5.00,5.00)
brain 1800 MHz: $\sigma$ = 1.68 [mho/m] $\varepsilon_r$ = 40.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch25, Ant G, 6-16-00.DA3
Powerdrift: 0.19 dB

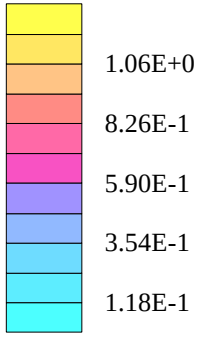




# QCP-2035, #0437, PCS ch25

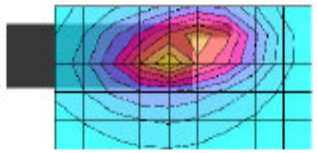
SAR (1g): 1.21 [mW/g] ± 0.01 dB, SAR (10g): 0.716 [mW/g] ± 0.05 dB
Generic Twin Phantom; Left Hand Section
Probe: ET3DV5 - SN1348; ConvF(5.00,5.00,5.00)
brain 1800 MHz: $\sigma$ = 1.68 [mho/m] $\varepsilon_r$ = 40.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch25, Ant G, 6-16-00.DA3
Powerdrift: -0.00 dB

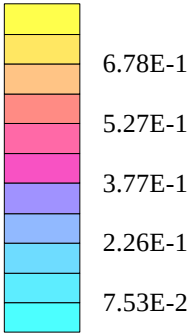




# QCP-2035, #0437, FM ch383, Waist SAR with KWC belt clip

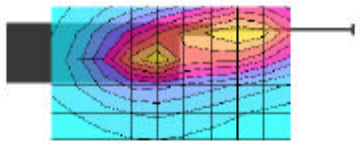
SAR (1g): 0.803 [mW/g] ± 0.07 dB, SAR (10g): 0.540 [mW/g] ± 0.01 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.2 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch383, waist, Ant G, 6-20-00.DA3
Powerdrift: 0.01 dB

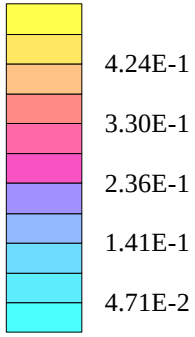




# QCP-2035, #0437, FM ch383, Waist SAR with KWC belt clip

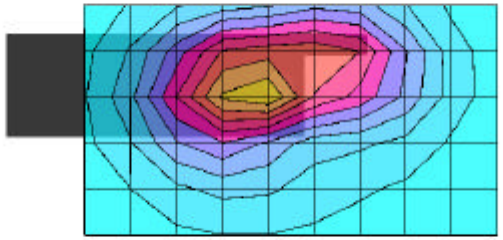
SAR (1g): 0.491 [mW/g] ± 0.02 dB, SAR (10g): 0.333 [mW/g] ± 0.05 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma = 0.94$ [mho/m] $\varepsilon_r = 56.2$ $\rho = 1.00$ [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch383, waist, Ant G, 6-20-00.DA3
Powerdrift: 0.01 dB

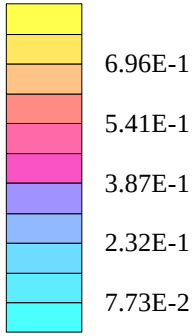




# QCP-2035, #0437, FM ch799, Waist SAR with KWC belt clip

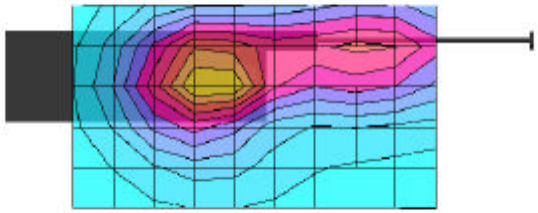
SAR (1g): 0.925 [mW/g] ± 0.09 dB, SAR (10g): 0.597 [mW/g] ± 0.01 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.2 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch799, waist, Ant G, 6-20-00.DA3
Powerdrift: -0.05 dB

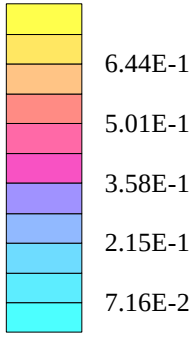




# QCP-2035, #0437, FM ch799, Waist SAR with KWC belt clip

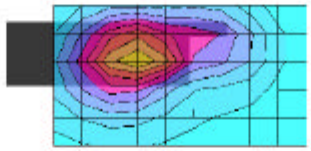
SAR (1g): 0.809 [mW/g] ± 0.01 dB, SAR (10g): 0.553 [mW/g] ± 0.09 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma = 0.94$ [mho/m] $\varepsilon_r = 56.2$ $\rho = 1.00$ [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch799, waist, Ant G, 6-20-00.DA3
Powerdrift: -0.02 dB

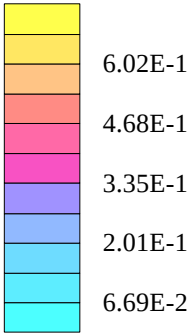




# QCP-2035, #0437, FM ch991, Waist SAR with KWC belt clip

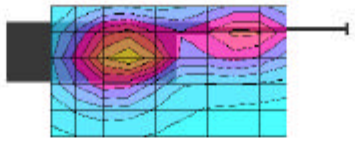
SAR (1g): 0.684 [mW/g] ± 0.06 dB, SAR (10g): 0.481 [mW/g] ± 0.11 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.2 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch991, waist, Ant G, 6-20-00.DA3

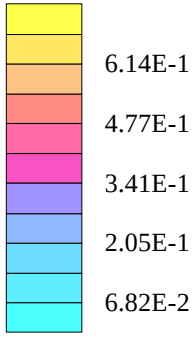




# QCP-2035, #0437, FM ch991, Waist SAR with KWC belt clip

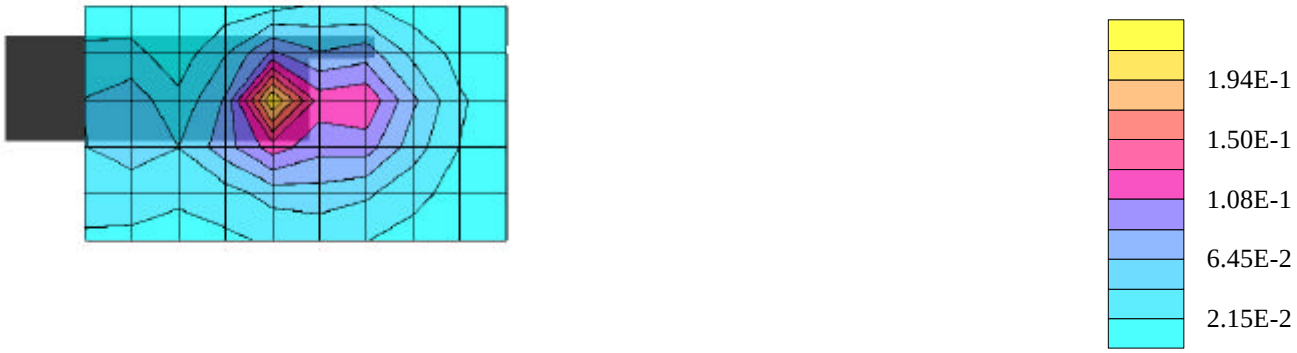
SAR (1g): 0.694 [mW/g] ± 0.16 dB, SAR (10g): 0.492 [mW/g] ± 0.15 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma = 0.94$ [mho/m] $\varepsilon_r = 56.2$ $\rho = 1.00$ [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch991, waist, Ant G, 6-20-00.DA3
Powerdrift: -0.03 dB





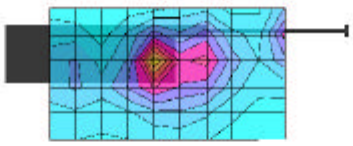
# QCP-2035, #0437, PCS ch25, Waist SAR with KWC belt clip

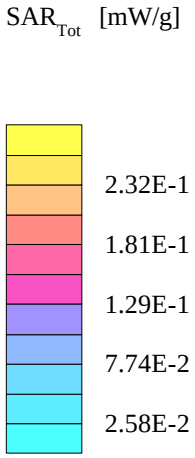
SAR (1g): 0.236 [mW/g] ± 0.13 dB, SAR (10g): 0.131 [mW/g] ± 0.06 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.56 [mho/m] $\varepsilon_r$ = 54.4 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch600, waist, Ant G, 6-19-00.DA3
Powerdrift: -0.10 dB



# QCP-2035, #0437, PCS ch25, Waist SAR with KWC belt clip

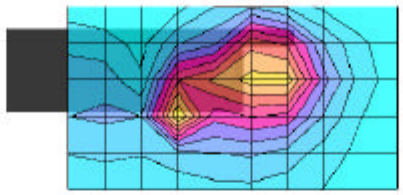
SAR (1g): 0.304 [mW/g] ± 0.17 dB, SAR (10g): 0.167 [mW/g] ± 0.05 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.56 [mho/m] $\varepsilon_r$ = 54.4 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch600, waist, Ant G, 6-19-00.DA3
Powerdrift: 0.01 dB

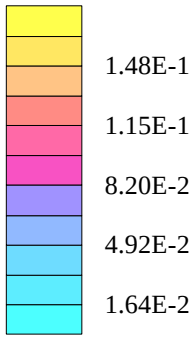




# QCP-2035, #0437, PCS ch1175, Waist SAR with KWC belt clip

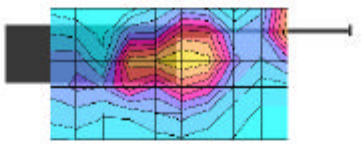
SAR (1g): 0.222 [mW/g] ± 0.16 dB, SAR (10g): 0.119 [mW/g] ± 0.09 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.56 [mho/m] $\varepsilon_r$ = 54.4 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch1175, waist, Ant G, 6-19-00.DA3
Powerdrift: -0.19 dB

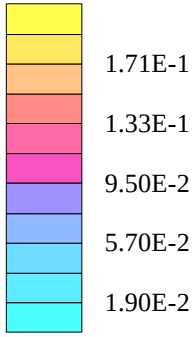




# QCP-2035, #0437, PCS ch1175, Waist SAR with KWC belt clip

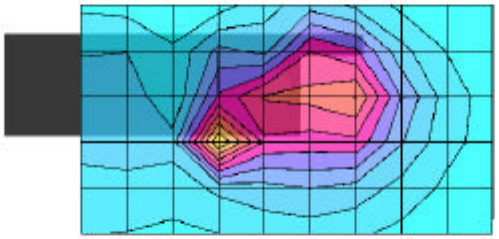
SAR (1g): 0.214 [mW/g] ± 0.10 dB, SAR (10g): 0.128 [mW/g] ± 0.13 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.56 [mho/m] $\varepsilon_r$ = 54.4 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch1175, waist, Ant G, 6-19-00.DA3
Powerdrift: -0.03 dB

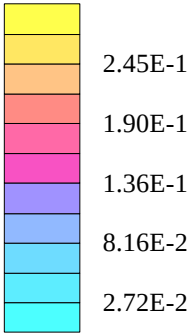




# QCP-2035, #0437, PCS ch25, Waist SAR with KWC belt clip

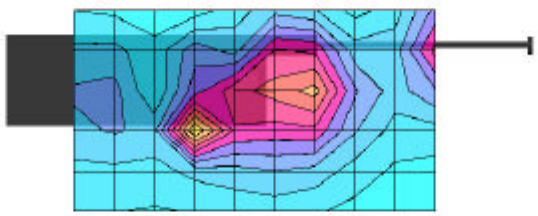
SAR (1g): 0.347 [mW/g] ± 0.27 dB, SAR (10g): 0.184 [mW/g] ± 0.19 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.56 [mho/m] $\varepsilon_r$ = 54.4 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch25, waist, Ant G, 6-20-00.DA3
Powerdrift: 0.04 dB

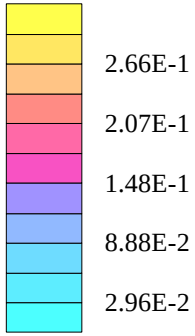




# QCP-2035, #0437, PCS ch25, Waist SAR with KWC belt clip

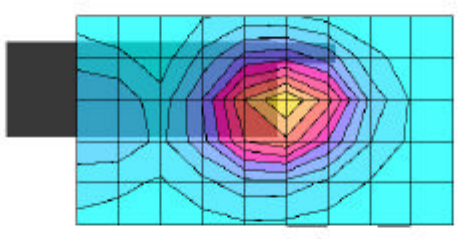
SAR (1g): 0.358 [mW/g] ± 0.13 dB, SAR (10g): 0.193 [mW/g] ± 0.15 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.56 [mho/m] $\varepsilon_r$ = 54.4 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch25, waist, Ant G, 6-20-00.DA3
Powerdrift: 0.12 dB

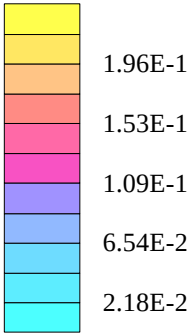




# QCP-2035, #0437, PCS ch600, Waist SAR with 2.3cm air gap

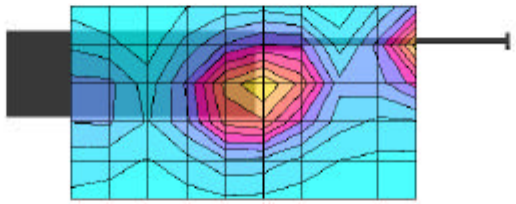
SAR (1g): 0.237 [mW/g] ± 0.17 dB, SAR (10g): 0.144 [mW/g] ± 0.13 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.57 [mho/m] $\varepsilon_r$ = 54.6 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch600, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.05 dB

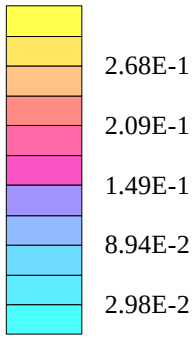




# QCP-2035, #0437, PCS ch600, Waist SAR with 2.3cm air gap

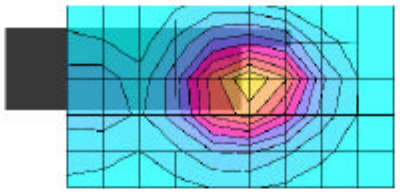
SAR (1g): 0.322 [mW/g] ± 0.16 dB, SAR (10g): 0.195 [mW/g] ± 0.11 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.57 [mho/m] $\varepsilon_r$ = 54.6 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch600, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.21 dB

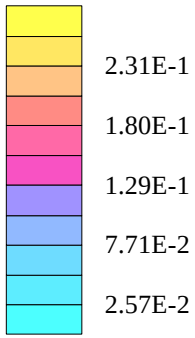




# QCP-2035, #0437, PCS ch1175, Waist SAR with 2.3cm air gap

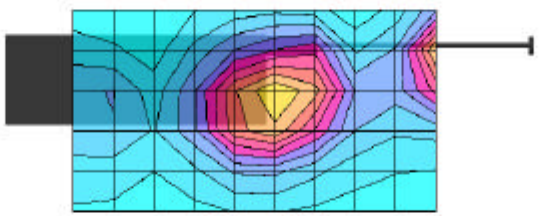
SAR (1g): 0.289 [mW/g] ± 0.21 dB, SAR (10g): 0.172 [mW/g] ± 0.16 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.57 [mho/m] $\varepsilon_r$ = 54.6 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch1175, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.04 dB

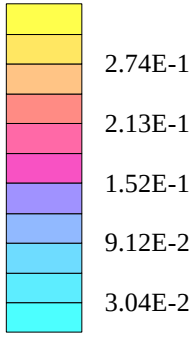




# QCP-2035, #0437, PCS ch1175, Waist SAR with 2.3cm air gap

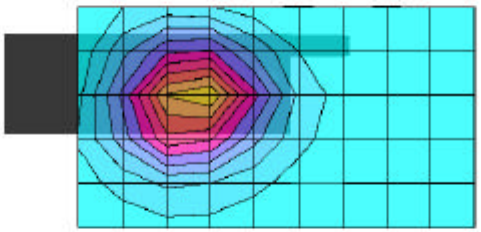
SAR (1g): 0.343 [mW/g] ± 0.23 dB, SAR (10g): 0.205 [mW/g] ± 0.15 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.57 [mho/m] $\varepsilon_r$ = 54.6 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch1175, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.27 dB

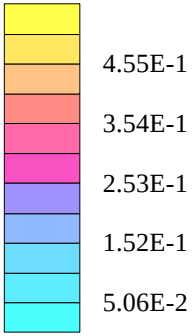




# QCP-2035, #0437, PCS ch25, Waist SAR with 2.3cm air gap

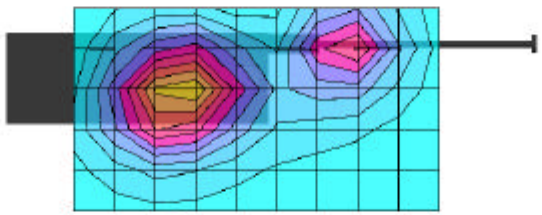
SAR (1g): 0.541 [mW/g] ± 0.18 dB, SAR (10g): 0.327 [mW/g] ± 0.11 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.55 [mho/m] $\varepsilon_r$ = 54.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch25, waist 2.3cm, Ant G, 6-28-00.DA3
Powerdrift: 0.16 dB

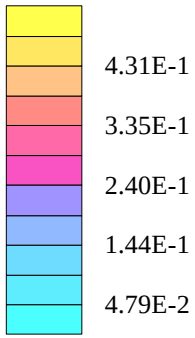




# QCP-2035, #0437, PCS ch25, Waist SAR with 2.3cm air gap

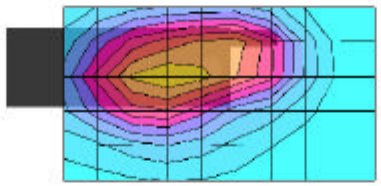
SAR (1g): 0.535 [mW/g] ± 0.18 dB, SAR (10g): 0.321 [mW/g] ± 0.14 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(4.50,4.50,4.50)
Muscle 1800 MHz: $\sigma$ = 1.55 [mho/m] $\varepsilon_r$ = 54.9 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, PCS ch25, waist 2.3cm, Ant G, 6-28-00.DA3
Powerdrift: -0.01 dB

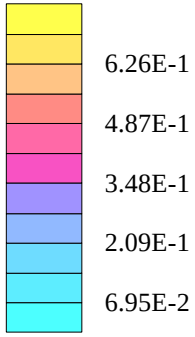




# QCP-2035, #0437, FM ch383, Waist SAR with 2.3cm air gap

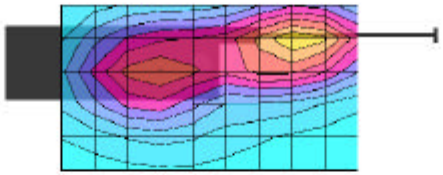
SAR (1g): 0.679 [mW/g] ± 0.00 dB, SAR (10g): 0.501 [mW/g] ± 0.08 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch383, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.30 dB

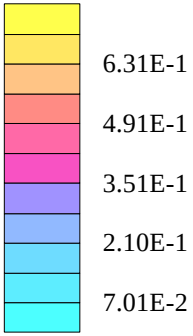




# QCP-2035, #0437, FM ch383, Waist SAR with 2.3cm air gap

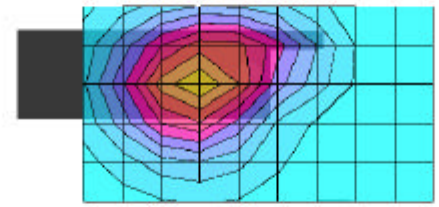
SAR (1g): 0.669 [mW/g] ± 0.19 dB, SAR (10g): 0.473 [mW/g] ± 0.17 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch383, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: 0.00 dB

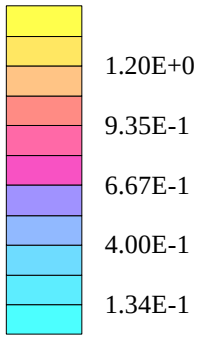




# QCP-2035, #0437, FM ch799, Waist SAR with 2.3cm air gap

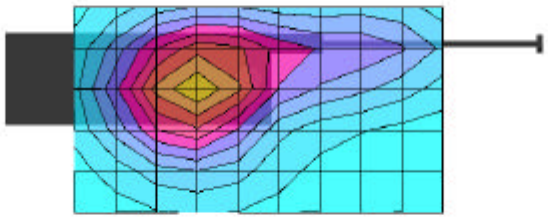
SAR (1g): 1.24 [mW/g] ± 0.09 dB, SAR (10g): 0.916 [mW/g] ± 0.12 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch799, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.14 dB

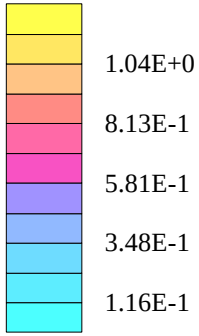




# QCP-2035, #0437, FM ch799, Waist SAR with 2.3cm air gap

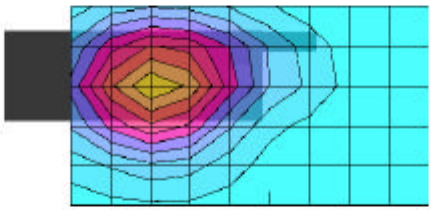
SAR (1g): 1.11 [mW/g] ± 0.17 dB, SAR (10g): 0.807 [mW/g] ± 0.17 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch799, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.10 dB

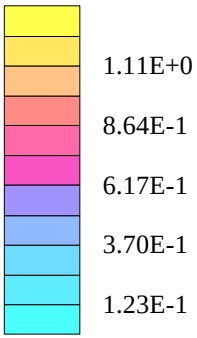




# QCP-2035, #0437, FM ch991, Waist SAR with 2.3cm air gap

SAR (1g): 1.17 [mW/g] ± 0.17 dB, SAR (10g): 0.855 [mW/g] ± 0.20 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch991, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.12 dB





# QCP-2035, #0437, FM ch991, Waist SAR with 2.3cm air gap

SAR (1g): 1.48 [mW/g] ± 0.20 dB, SAR (10g): 1.08 [mW/g] ± 0.20 dB
Generic Twin Phantom; Flat Section
Probe: ET3DV5 - SN1348; ConvF(5.72,5.72,5.72)
Muscle 900MHz: $\sigma$ = 0.94 [mho/m] $\varepsilon_r$ = 56.1 $\rho$ = 1.00 [g/cm$^3$]
File Name: 6GP P4B_5, #0437, FM ch991, waist 2.3cm, Ant G, 6-27-00.DA3
Powerdrift: -0.01 dB