



## **Appendix for the Report**

# Dosimetric Assessment of the Siemens C56 (FCC ID: PWX-C56) According to the FCC Requirements

## **SAR Distribution Plots**

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The test results only relate to the items tested. This report shall not be reproduced except in full without the written approval of the testing laboratory.

### **Table of Contents**

1	SAR DISTRIBUTION PLOTS, GSM850 (HEAD)
2	SAR DISTRIBUTION PLOTS, PCS1900 (HEAD)
3	SAR DISTRIBUTION PLOTSGSM850 (BODY) 11
4	SAR DISTRIBUTION PLOTS, PCS1900 (BODY)
5	SAR Z-AXIS SCANS (VALIDATION)
6	SAR Z-AXIS SCANS (MEASUREMENTS)



#### 1 SAR Distribution Plots, GSM850 (Head)

Fig. 1: SAR distribution, GSM850, channel 189, cheek position, left side of head.



Fig. 2: SAR distribution, GSM850, channel 189, tilted position, left side of head.



Fig. 3: Worst case SAR distribution, GSM850, channel 251, cheek position, right side of head. Since the plots are similar for this configuration, only the worst case is shown.



Fig. 4: SAR distribution, GSM850, channel 189, tilted position, right side of head.



#### 2 SAR Distribution Plots, PCS1900 (Head)

Fig. 5: SAR distribution, PCS1900, channel 661, cheek position, left side of head. Cube 2: 0.217 W/kg.



Fig. 6: SAR distribution, PCS1900, channel 661, tilted position, left side of head.



Fig. 7: SAR distribution, PCS1900, channel 661, cheek position, right side of head. Cube 2: 0.265 W/kg.



### 3 SAR Distribution PlotsGSM850 (Body)



Fig. 9: Worst case SAR distribution, GSM850, channel 128, body worn configuration, Belt Clip with Headset (Talk mode, 1 TX slot). Since the plots are similar for this configuration, only the worst case is shown.



Fig. 10: Worst case SAR distribution, GSM850, channel 128, body worn configuration, Belt Clip without Headset (GPRS mode, 1 TX slot). Since the plots are similar for this configuration, only the worst case is shown.

Siemens C56 Body



#### 4 SAR Distribution Plots, PCS1900 (Body)

Fig. 11: SAR distribution, PCS1900, channel 512, body worn configuration, Belt Clip with Headset (Talk mode, 1 TX slot). Since the plots are similar for this configuration, only the worst case is shown.

Siemens C56 Body



Fig. 12: SAR distribution, PCS1900, channel 512, body worn configuration, Belt Clip without Headset (GPRS mode, 1 TX slot), Since the plots are similar for this configuration, only the worst case is shown.

Siemens C56 Body

#### 5 SAR z-axis scans (Validation)

The following pictures show the plots of SAR versus liquid depth for the worst case values.



Fig. 13: SAR versus liquid depth, 835 MHz, Validation Head.







#### 6 SAR z-axis scans (Measurements)

The following pictures show the plots of SAR versus liquid depth for the worst case values.



Fig. 17: SAR versus liquid depth, GSM850, channel 251, cheek position, right side of head.



Fig. 18: SAR versus liquid depth, PCS 1900, channel 661, cheek position, left side of head.



Fig. 19: SAR versus liquid depth, GSM850, channel 128, body worn configuration, Belt Clip with Headset (Talk mode, 1 TX slot).



Fig. 20: SAR versus liquid depth, GSM850, channel 128, body worn configuration, Belt Clip without Headset (GPRS mode, 1 TX slot).



Fig. 21: SAR versus liquid depth, PCS 1900, channel 512, body worn configuration, Belt Clip

with Headset (Talk mode, 1 TX slot).



Fig. 22: SAR versus liquid depth, PCS 1900, channel 512, body worn configuration, Belt Clip

without Headset (GPRS mode, 1 TX slot).