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Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID IHDT56EL1)

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Summary of FCC request for additional information

There was a request for additional information regarding Motorola’s SAR Test Report for Motorola portable cellular phone (FCC ID IHDT56EL1). The requested information is addressed below in the same numbering sequence received.

3. Apparent typo: p.6 of the SAR report, the validation data taken on November 11 for 900 MHz- the average of the 2 values on the SAR data page is 11.2, not 11.3. Please confirm.

**Response:** The SAR value in question did contain a typo. Here is the corrected table.

| f<br>(MHz) | Description               | SAR<br>(W/kg),<br>1gram | Dielectric Parameters |                | Ambient<br>Temp<br>(°C) | Tissue<br>Temp<br>(°C) |
|------------|---------------------------|-------------------------|-----------------------|----------------|-------------------------|------------------------|
|            |                           |                         | $\epsilon_r$          | $\sigma$ (S/m) |                         |                        |
| 900        | Measured, 11/10/2004      | 11.3                    | 40.8                  | 0.97           | 21.0                    | 20.0                   |
|            | Measured, 11/11/2004      | 11.2                    | 40.6                  | 0.96           | 21.0                    | 20.4                   |
|            | Measured, 11/12/2004      | 11.2                    | 40.4                  | 0.96           | 21.0                    | 20.3                   |
|            | Measured, 11/15/2004      | 11.2                    | 40.2                  | 0.96           | 21.0                    | 20.1                   |
|            | Measured, 11/16/2004      | 11.3                    | 42.2                  | 0.99           | 20.0                    | 20.4                   |
|            | Measured, 11/17/2004      | 11.1                    | 42.3                  | 0.98           | 21.0                    | 20.3                   |
|            | <b>Recommended Limits</b> | 10.8                    | 41.5 ±5%              | 0.97 ±5%       | 18-25                   | 18-25                  |
| 1800       | Measured, 11/13/2004      | 36.6                    | 38.8                  | 1.36           | 21.0                    | 19.3                   |
|            | Measured, 11/15/2004      | 38.2                    | 38.5                  | 1.38           | 21.0                    | 18.9                   |
|            | Measured, 11/16/2004      | 38.7                    | 38.4                  | 1.38           | 20.0                    | 19.0                   |
|            | Measured, 11/17/2004      | 38.2                    | 38.3                  | 1.36           | 21.0                    | 19.2                   |
|            | Measured, 11/22/2004      | 37.5                    | 38.3                  | 1.37           | 20.0                    | 19.7                   |
|            | <b>Recommended Limits</b> | 38.1                    | 40.0 ±5%              | 1.4 ±5%        | 18-25                   | 18-25                  |

4. Apparent typo: p.10 of the SAR report, the channel 777 right head touch measured level should be 1.22, per the data plot page. This, in turn, affects the extrapolated level. Please address.

**Response:** The SAR value in question did contain a typo. However, since the drift is positive, the extrapolated value is not affected and will remain 1.22 as originally stated. Here is the corrected table.

| f<br>(MHz)                                   | Description  | Conducted<br>Output<br>Power<br>(dBm) | <b>Head (Cheek / Touch Position) with SNN5760A Battery</b> |               |                        |                          |                    |               |                        |                          |
|--|--------------|---------------------------------------|--|---------------|------------------------|--------------------------|--------------------|---------------|------------------------|--------------------------|
|  |              |                                       | Ant Extended   |               |                        |                          | Ant Retracted      |               |                        |                          |
|  |              |                                       | Measured<br>(W/kg)   | Drift<br>(dB) | Extrapolated<br>(W/kg) | Simulate<br>Temp<br>(°C) | Measured<br>(W/kg) | Drift<br>(dB) | Extrapolated<br>(W/kg) | Simulate<br>Temp<br>(°C) |
| <b>Right<br/>Head<br/>Digital<br/>800MHz</b> | Channel 1013 | 24.93                                 | 1.14   | -0.05         | 1.15                   | 19.8                     | 0.831              | 0.01          | 0.83                   | 19.6                     |
|  | Channel 384  | 24.94                                 | 1.04   | 0.05          | 1.04                   | 19.5                     | 0.896              | -0.11         | 0.92                   | 19.9                     |
|  | Channel 777  | 25.03                                 | <b>1.22</b>  | <b>0.1</b>    | <b>1.22</b>            | <b>19.8</b>              | <b>1.01</b>        | <b>0.0</b>    | <b>1.01</b>            | <b>19.8</b>              |
| <b>Left<br/>Head<br/>Digital<br/>1900MHz</b> | Channel 25   | 24.91                                 |  |               |                        |                          |                    |               |                        |                          |
|  | Channel 600  | 25.02                                 | <b>0.207</b>   | <b>-0.1</b>   | <b>0.21</b>            | <b>19.0</b>              | <b>0.47</b>        | <b>-0.1</b>   | <b>0.48</b>            | <b>19.0</b>              |
|  | Channel 1175 | 24.95                                 |  |               |                        |                          |                    |               |                        |                          |