



Appendix E. FCC 3G SAR Measurement Procedures

Conducted Output Power:

The EUT was tested according to the requirements of the FCC 3G procedures and the 3.1.2.3.4.

A detailed analysis of the output power verification is provided as the table below:

<Sample 1>

| Function Type | Reverse Traffic Channel | Test Mode | Radio Configuration | | Service Option | Data Rates (kbps) | Power Control | Low Ch | Mid. Ch | High Ch |
|-------------------|-------------------------|-----------|-------------------------------|-------------------------------|----------------|-------------------|---------------|--------|---------|---------|
| | | | Forward Traffic Channel (Fwd) | Reverse Traffic Channel (Rvs) | | | | 1013 | 384 | 777 |
| CDMA2000 Cellular | FCH | 1 | 1 | 1 | 55 | Full | All Up | 23.79 | 23.96 | 23.90 |
| | | 3 | 3 | 3 | 55 | Full | All Up | 23.81 | 23.93 | 23.92 |
| | | 3 | 3 | 3 | 32 | Full | All Up | 23.83 | 23.92 | 23.90 |
| | FCH+SCH | 3 | 3 | 3 | 32 | FCH:Full,SCH 9.6 | All Up | 23.83 | 23.93 | 23.89 |
| | EVDO Rev.0* | Subtype:0 | | | | RTAP 153.6 | All Up | 23.65 | 23.78 | 23.76 |
| | EVDO Rev.A* | Subtype:0 | | | | RETAP 4096 | All Up | 23.71 | 23.80 | 23.81 |

| Function Type | Reverse Traffic Channel | Test Mode | Radio Configuration | | Service Option | Data Rates (kbps) | Power Control | Low Ch | Mid. Ch | High Ch |
|---------------|-------------------------|-----------|-------------------------------|-------------------------------|----------------|-------------------|---------------|--------|---------|---------|
| | | | Forward Traffic Channel (Fwd) | Reverse Traffic Channel (Rvs) | | | | 25 | 600 | 1175 |
| CDMA2000 PCS | FCH | 1 | 1 | 1 | 55 | Full | All Up | 23.85 | 23.93 | 23.91 |
| | | 3 | 3 | 3 | 55 | Full | All Up | 24.00 | 23.97 | 23.86 |
| | | 3 | 3 | 3 | 32 | Full | All Up | 23.98 | 23.90 | 23.92 |
| | FCH+SCH | 3 | 3 | 3 | 32 | FCH:Full,SCH 9.6 | All Up | 24.00 | 23.93 | 23.90 |
| | EVDO Rev.0* | Subtype:0 | | | | RTAP 153.6 | All Up | 23.95 | 23.91 | 23.93 |
| | EVDO Rev.A* | Subtype:0 | | | | RETAP 4096 | All Up | 23.82 | 23.81 | 23.82 |

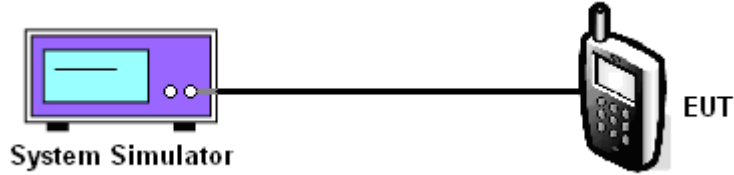


<Sample 2>

| Function Type | Reverse Traffic Channel | Test Mode | Radio Configuration | | Service Option | Data Rates (kbps) | Power Control | Low Ch | Mid. Ch | High Ch |
|-------------------|-------------------------|-----------|-------------------------------|-------------------------------|----------------|-------------------|---------------|--------|---------|---------|
| | | | Forward Traffic Channel (Fwd) | Reverse Traffic Channel (Rvs) | | | | 1013 | 384 | 777 |
| CDMA2000 Cellular | FCH | 1 | 1 | 1 | 55 | Full | All Up | 23.80 | 23.92 | 23.89 |
| | | 3 | 3 | 3 | 55 | Full | All Up | 23.82 | 23.96 | 23.89 |
| | | 3 | 3 | 3 | 32 | Full | All Up | 23.83 | 23.91 | 23.88 |
| | FCH+SCH | 3 | 3 | 3 | 32 | FCH:Full,SCH 9.6 | All Up | 23.82 | 23.90 | 23.88 |
| | EVDO Rev.0* | Subtype:0 | | | | RTAP 153.6 | All Up | 23.72 | 23.82 | 23.79 |
| | EVDO Rev.A* | Subtype:0 | | | | RETAP 4096 | All Up | 23.70 | 23.81 | 23.78 |

| Function Type | Reverse Traffic Channel | Test Mode | Radio Configuration | | Service Option | Data Rates (kbps) | Power Control | Low Ch | Mid. Ch | High Ch |
|---------------|-------------------------|-----------|-------------------------------|-------------------------------|----------------|-------------------|---------------|--------|---------|---------|
| | | | Forward Traffic Channel (Fwd) | Reverse Traffic Channel (Rvs) | | | | 25 | 600 | 1175 |
| CDMA2000 PCS | FCH | 1 | 1 | 1 | 55 | Full | All Up | 23.81 | 23.95 | 23.92 |
| | | 3 | 3 | 3 | 55 | Full | All Up | 24.00 | 23.96 | 23.88 |
| | | 3 | 3 | 3 | 32 | Full | All Up | 23.96 | 23.94 | 23.93 |
| | FCH+SCH | 3 | 3 | 3 | 32 | FCH:Full,SCH 9.6 | All Up | 23.96 | 23.93 | 23.93 |
| | EVDO Rev.0* | Subtype:0 | | | | RTAP 153.6 | All Up | 23.96 | 23.92 | 23.91 |
| | EVDO Rev.A* | Subtype:0 | | | | RETAP 4096 | All Up | 23.90 | 23.87 | 23.85 |

CDMA2000 Setup Configuration:



Setup Configuration

1. The EUT was connected to System Simulator, Agilent 8960. Refer to the drawing of Setup Configuration.
2. The RF path losses were compensated into the measurements.
3. A call was established between EUT and System Simulator with following setting:
 - a. For 1xRTT, set the Radio Configuration and the Service Option
 - b. For 1xEV-DO, set the Protocol Release and Data Rate
 - c. Set the Power Control to All Up Bits
4. The transmitted maximum output power was recorded.

| Call Setup Screen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--|----------------------------|-------|-------------------|-----------------|------------------|----------------|------------------|-------------|------------------|----------------|------------------|-----------------|------------------|-------------|-------------------|-----------------|--------------------|-----------|--|-----------------|------------------|--------------|--------------|-----------|--------|---------|------|--------------|---------------|--------------|--------------|--------------------------|-----------------|
| Call Control | Active Cell Operating Mode | Call Parm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Mobile Station Information</th> </tr> </thead> <tbody> <tr><td>ESN (Hex):</td><td></td></tr> <tr><td>ESN (Dec):</td><td></td></tr> <tr><td>NCC:</td><td></td></tr> <tr><td>NMC:</td><td></td></tr> <tr><td>NSIN:</td><td></td></tr> <tr><td>Slot Class:</td><td></td></tr> <tr><td>Slot Cycle Index:</td><td>----</td></tr> <tr><td>Protocol Revision:</td><td></td></tr> </tbody> </table> | Mobile Station Information | | ESN (Hex): | | ESN (Dec): | | NCC: | | NMC: | | NSIN: | | Slot Class: | | Slot Cycle Index: | ---- | Protocol Revision: | | <table border="1"> <tbody> <tr><td>Cell Power</td><td>-86.00</td></tr> <tr><td></td><td>dBm/1.23 MHz</td></tr> <tr><td>Cell Band</td><td>US PCS</td></tr> <tr><td>Channel</td><td>1175</td></tr> <tr><td>Protocol Rev</td><td>6 (IS-2000-0)</td></tr> <tr><td>Radio Config</td><td>(Fud1, Rvs1)</td></tr> <tr><td>FCH Service Option Setup</td><td>S055 (Loopback)</td></tr> </tbody> </table> | Cell Power | -86.00 | | dBm/1.23 MHz | Cell Band | US PCS | Channel | 1175 | Protocol Rev | 6 (IS-2000-0) | Radio Config | (Fud1, Rvs1) | FCH Service Option Setup | S055 (Loopback) |
| Mobile Station Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESN (Hex): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| NCC: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NMC: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSIN: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot Class: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot Cycle Index: | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Cell Power | -86.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | dBm/1.23 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cell Band | US PCS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Channel | 1175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protocol Rev | 6 (IS-2000-0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radio Config | (Fud1, Rvs1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FCH Service Option Setup | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FCH Service Option Setup | Value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S09 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S01 (Voice) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S02 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S03 (Voice) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S06 (SfS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S068 (Voice) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Close Menu | <table border="1"> <tbody> <tr><td>Active Cell</td><td>Idle</td><td>Sys Type: IS-2000</td></tr> <tr><td>IntRef</td><td>Offset</td><td></td></tr> </tbody> </table> | Active Cell | Idle | Sys Type: IS-2000 | IntRef | Offset | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| IntRef | Offset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 of 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1xRTT setting for Radio Configuration 1 with Service Option 55



| Call Setup Screen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------|-------|-------------------|-----------------|------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|-------------------|-----------------|--------------------|----------------|--|------------|--------|--|--------------|-----------|--------|---------|------|--------------|---------------|--------------|--------------|--|-----------------|--------------------------|--|
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| | Mobile Station Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ESN (Hex): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ESN (Dec): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NCC: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NMC: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NSIN: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Class: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Cycle Index: | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Protocol Revision: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cell Power | -86.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | dBm/1.23 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cell Band | US PCS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Channel | 1175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protocol Rev | 6 (IS-2000-0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radio Config | (Fud3, Rvs3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FCH Service Option Setup | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FCH Service Option Setup | Value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S09 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S032 (+ F-SCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| IntRef | Offset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 of 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1xRTT setting for Radio Configuration 3 with Service Option 55

| Call Setup Screen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------|-------|-------------------|-----------------|------------------|----------------|------------------|--------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|-------------------|-----------------|--------------------|----------------|--|--------------|--------|--|--------------|-----------|--------|---------|------|--------------|---------------|--------------|--------------|--|-----------------|--------------------------|--|
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| | Mobile Station Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ESN (Hex): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ESN (Dec): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NCC: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NMC: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NSIN: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Class: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Cycle Index: | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Protocol Revision: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cell Power | -86.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | dBm/1.23 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cell Band | US PCS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Channel | 1175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protocol Rev | 6 (IS-2000-0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radio Config | (Fud3, Rvs3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FCH Service Option Setup | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>FCH Service Option Setup</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Service Option f</td> <td>S055 (Loopback)</td> </tr> <tr> <td>Service Option f</td> <td>S09 (Loopback)</td> </tr> <tr> <td>Service Option f</td> <td>S032 (+ SCH)</td> </tr> <tr> <td>Service Option f</td> <td>S055 (Loopback)</td> </tr> <tr> <td>Service Option f</td> <td>S055 (Loopback)</td> </tr> <tr> <td>Service Option f</td> <td>S055 (Loopback)</td> </tr> <tr> <td>Service Option f</td> <td>S055 (Loopback)</td> </tr> <tr> <td>Service Option f</td> <td>S032 (+ F-SCH)</td> </tr> <tr> <td>Service Option f</td> <td>S032 (+ SCH)</td> </tr> </tbody> </table> | | FCH Service Option Setup | Value | Service Option f | S055 (Loopback) | Service Option f | S09 (Loopback) | Service Option f | S032 (+ SCH) | Service Option f | S055 (Loopback) | Service Option f | S055 (Loopback) | Service Option f | S055 (Loopback) | Service Option f | S055 (Loopback) | Service Option f | S032 (+ F-SCH) | Service Option f | S032 (+ SCH) | | | | | | | | | | | | | | | |
| FCH Service Option Setup | Value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S09 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S032 (+ SCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S055 (Loopback) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S032 (+ F-SCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Option f | S032 (+ SCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tbody> <tr><td>Active Cell</td><td>Idle</td><td>Sys Type: IS-2000</td></tr> <tr><td>IntRef</td><td>Offset</td><td></td></tr> </tbody> </table> | | Active Cell | Idle | Sys Type: IS-2000 | IntRef | Offset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Active Cell | Idle | Sys Type: IS-2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IntRef | Offset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 of 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1xRTT setting for Radio Configuration 3 with Service Option 32



| Call Setup Screen | | | | | | | | | | | | | | |
|-----------------------------|---|--------------------------|---------------|-----------------------------|--|----------------------------|--|-------------|--|--------------|--|-------------|--|----------------|
| Call Control | Active Cell Operating Mode | Call Params | | | | | | | | | | | | |
| Operating Mode | <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">Access Terminal Information (AT Reported)</p> <p>Session Seed: Hardware ID Type (Hex): Hardware ID (Hex): Hardware ID (Decimal):</p> <hr/> <p style="text-align: center; margin: 0;">Access Terminal Information (AN Assigned)</p> <p>UATI 024: ---- UATI Color Code: ---- MAC Index: ----</p> <hr/> <p style="text-align: center; margin: 0;">Protocol Release</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Session App: 0 (1xEV-DO)</td> <td style="width: 50%;">Application</td> </tr> <tr> <td>Test Applica: A (1xEV-DO-A)</td> <td></td> </tr> <tr> <td>Limited TAP: B (1xEV-DO-B)</td> <td></td> </tr> <tr> <td>AT Directed</td> <td></td> </tr> <tr> <td>DRC Value Fi</td> <td></td> </tr> <tr> <td>ACK Channel</td> <td></td> </tr> </table> </div> | Session App: 0 (1xEV-DO) | Application | Test Applica: A (1xEV-DO-A) | | Limited TAP: B (1xEV-DO-B) | | AT Directed | | DRC Value Fi | | ACK Channel | | Rvs Power Ctrl |
| Session App: 0 (1xEV-DO) | | Application | | | | | | | | | | | | |
| Test Applica: A (1xEV-DO-A) | | | | | | | | | | | | | | |
| Limited TAP: B (1xEV-DO-B) | | | | | | | | | | | | | | |
| AT Directed | | | | | | | | | | | | | | |
| DRC Value Fi | | | | | | | | | | | | | | |
| ACK Channel | | | | | | | | | | | | | | |
| Active Cell | | | Active bits | | | | | | | | | | | |
| | | | Pur Ctrl Step | | | | | | | | | | | |
| | | | 1.0 dB | | | | | | | | | | | |
| Start Data Connection | | Call Drop Timer | | | | | | | | | | | | |
| | | On | | | | | | | | | | | | |
| Close Session | | Call Limit Mode | | | | | | | | | | | | |
| | | Off | | | | | | | | | | | | |
| Handoff Setup | | Protocol Rel | | | | | | | | | | | | |
| | | 0 (1xEV-DO) | | | | | | | | | | | | |
| AT Max Power | | | | | | | | | | | | | | |
| 23 dBm/1.23MHz | | | | | | | | | | | | | | |
| | Active Cell | Sys Type: IS-856 | | | | | | | | | | | | |
| | Idle | | | | | | | | | | | | | |
| 1 of 3 | IntRef Offset | PLSub0 RTAP | | | | | | | | | | | | |
| | | 2 of 3 | | | | | | | | | | | | |

1xEV-DO setting for Protocol Release (Rev.0 or Rev.A)

| Call Setup Screen | | | | | | | | | | | | | | |
|--------------------------|--|-----------------------|--------------|-------------------------|--|------------------------|--|------------------------|--|--------------------------|--|-------------|--|------------|
| Call Control | Active Cell Operating Mode | Call Params | | | | | | | | | | | | |
| Operating Mode | <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">Access Terminal Information (AT Reported)</p> <p>Session Seed: Hardware ID Type (Hex): Hardware ID (Hex): Hardware ID (Decimal):</p> <hr/> <p style="text-align: center; margin: 0;">Access Terminal Information (AN Assigned)</p> <p>UATI 024: ---- UATI Color Code: ---- MAC Index: ----</p> <hr/> <p style="text-align: center; margin: 0;">RTAP Rate</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Session App: 9.6 kbps</td> <td style="width: 50%;">Application</td> </tr> <tr> <td>Test Applica: 19.2 kbps</td> <td></td> </tr> <tr> <td>Limited TAP: 38.4 kbps</td> <td></td> </tr> <tr> <td>AT Directed: 76.8 kbps</td> <td></td> </tr> <tr> <td>DRC Value Fi: 153.6 kbps</td> <td></td> </tr> <tr> <td>ACK Channel</td> <td></td> </tr> </table> </div> | Session App: 9.6 kbps | Application | Test Applica: 19.2 kbps | | Limited TAP: 38.4 kbps | | AT Directed: 76.8 kbps | | DRC Value Fi: 153.6 kbps | | ACK Channel | | Cell Power |
| Session App: 9.6 kbps | | Application | | | | | | | | | | | | |
| Test Applica: 19.2 kbps | | | | | | | | | | | | | | |
| Limited TAP: 38.4 kbps | | | | | | | | | | | | | | |
| AT Directed: 76.8 kbps | | | | | | | | | | | | | | |
| DRC Value Fi: 153.6 kbps | | | | | | | | | | | | | | |
| ACK Channel | | | | | | | | | | | | | | |
| Active Cell | | | -86.00 | | | | | | | | | | | |
| | | | dBm/1.23 MHz | | | | | | | | | | | |
| | | | Cell Band | | | | | | | | | | | |
| | | US PCS | | | | | | | | | | | | |
| Start Data Connection | | Channel | | | | | | | | | | | | |
| | | 1175 | | | | | | | | | | | | |
| Close Session | | Application Config | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Handoff Setup | | FTAP Rate | | | | | | | | | | | | |
| | | 307.2 kbps | | | | | | | | | | | | |
| | | (2 Slot, QPSK) | | | | | | | | | | | | |
| AT Max Power | | RTAP Rate | | | | | | | | | | | | |
| 23 dBm/1.23MHz | | 9.6 kbps | | | | | | | | | | | | |
| | Active Cell | Sys Type: IS-856 | | | | | | | | | | | | |
| | Idle | | | | | | | | | | | | | |
| 1 of 3 | IntRef Offset | PLSub0 RTAP | | | | | | | | | | | | |
| | | 1 of 3 | | | | | | | | | | | | |

1xEV-DO setting for RTAP data rate (9.6 or 38.4 or 153.6 kbps)



| Call Setup Screen | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--------|--------|-------|--------------------|-------------|-----|----|-----|---|-----|--|-----|--|------|----------|------|------|---------|--|
| Call Control | Active Cell Operating Mode | | | | Call Parm | | | | | | | | | | | | | | | |
| Operating Mode | Access Terminal Information (AT Reported) | | | | Cell Power | | | | | | | | | | | | | | | |
| Active Cell | Session Seed: Hardware ID Type (Hex): Hardware ID (Hex): Hardware ID (Decimal): | | | | -86.00 | | | | | | | | | | | | | | | |
| | Access Terminal Information (AM Assigned) | | | | dBm/1.23 MHz | | | | | | | | | | | | | | | |
| Start Data Connection | UATI 024: ---- UATI Color Code: ---- MAC Index: ---- | | | | Cell Band | | | | | | | | | | | | | | | |
| | Application Configuration | | | | US PCS | | | | | | | | | | | | | | | |
| Close Session | <table border="1"> <thead> <tr> <th>R-Data Packet Size</th> <th>Application</th> </tr> </thead> <tbody> <tr> <td>128</td> <td>AP</td> </tr> <tr> <td>256</td> <td>Z</td> </tr> <tr> <td>512</td> <td></td> </tr> <tr> <td>768</td> <td></td> </tr> <tr> <td>1024</td> <td>Capacity</td> </tr> <tr> <td>1536</td> <td>kbps</td> </tr> </tbody> </table> | | | | R-Data Packet Size | Application | 128 | AP | 256 | Z | 512 | | 768 | | 1024 | Capacity | 1536 | kbps | Channel | |
| R-Data Packet Size | Application | | | | | | | | | | | | | | | | | | | |
| 128 | AP | | | | | | | | | | | | | | | | | | | |
| 256 | Z | | | | | | | | | | | | | | | | | | | |
| 512 | | | | | | | | | | | | | | | | | | | | |
| 768 | | | | | | | | | | | | | | | | | | | | |
| 1024 | Capacity | | | | | | | | | | | | | | | | | | | |
| 1536 | kbps | | | | | | | | | | | | | | | | | | | |
| Handoff Setup | | | | | 1175 | | | | | | | | | | | | | | | |
| AT Max Power | | | | | Application Config | | | | | | | | | | | | | | | |
| 23 dBm/1.23MHz | | | | | F-Traffic Format | | | | | | | | | | | | | | | |
| | Active Cell | | | | 4 (1024,2,128) | | | | | | | | | | | | | | | |
| | Idle | | | | (307.2k, QPSK) | | | | | | | | | | | | | | | |
| | | | | | R-Data Pkt Size | | | | | | | | | | | | | | | |
| | | | | | 128 | | | | | | | | | | | | | | | |
| | | | | | bits | | | | | | | | | | | | | | | |
| | Sys Type: IS-856 | | | | | | | | | | | | | | | | | | | |
| 1 of 3 | IntRef | Offset | PLSub0 | RETAP | 1 of 3 | | | | | | | | | | | | | | | |

1xEV-DO setting for RETAP data rate (128 or 2048 or 12288 kbps)



Reference:

- [1] SAR Measurement Procedures for 3G Devices CDMA 2000/Ev-Do/WCDMA/HSDPA, June 2006
Laboratory Division Office of Engineering and Technology Federal Communications Commission
- [2] 3.1.2.3.4 Maximum RF Output Power 3GPP2 C.S0033-0 Version 2.0, Date: 12 December 2003
Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access
Terminal