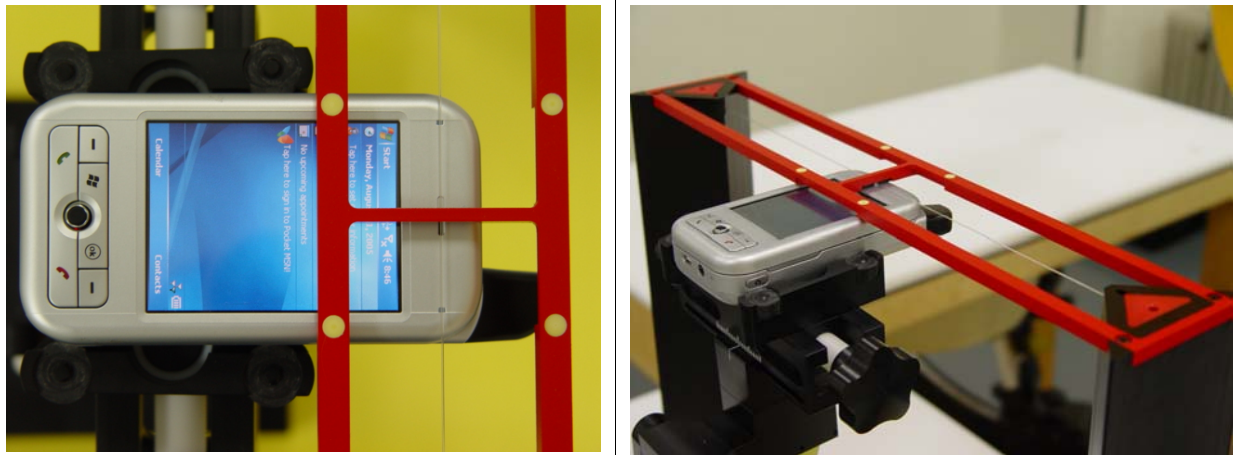


9.4 HAC MEASUREMENT RESULTS

1. Cellular phone E-Field Emission (Close slide cover mode):



CDMA Cellular Band Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 1013 | Fixed | OFF | 84.5 | 38.54 | 0.062 | 38.60 | 41 | -2.40 | M3 |
| CDMA | 384 | Fixed | OFF | 87.6 | 38.85 | 0.079 | 38.93 | 41 | -2.07 | M3 |
| CDMA | 777 | Fixed | OFF | 87.3 | 38.82 | 0.110 | 38.93 | 41 | -2.07 | M3 |

CDMA Cellular Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 1013 | Fixed | OFF | 86.2 | 38.71 | 0.130 | 38.84 | 41 | -2.16 | M3 |
| CDMA | 384 | Fixed | OFF | 89.7 | 39.06 | 0.180 | 39.24 | 41 | -1.76 | M3 |
| CDMA | 777 | Fixed | OFF | 87.5 | 38.84 | 0.108 | 38.95 | 41 | -2.05 | M3 |

CDMA PCS Band Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 25 | Fixed | OFF | 56.9 | 35.10 | 0.031 | 35.13 | 41 | -5.87 | M4 |
| CDMA | 600 | Fixed | OFF | 53.7 | 34.60 | 0.002 | 34.60 | 41 | -6.40 | M4 |
| CDMA | 1175 | Fixed | OFF | 52.9 | 34.47 | 0.020 | 34.49 | 41 | -6.51 | M4 |

CDMA PCS Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 25 | Fixed | OFF | 55.8 | 34.93 | 0.150 | 35.08 | 41 | -5.92 | M4 |
| CDMA | 600 | Fixed | OFF | 56.1 | 34.98 | 0.069 | 35.05 | 41 | -5.95 | M4 |
| CDMA | 1175 | Fixed | OFF | 54.8 | 34.78 | 0.052 | 34.83 | 41 | -6.17 | M4 |

Note:

1. The extrapolate field value have including power drift value for worst case HAC test result.

2. Cellular phone E-Field Emission(Open slide cover mode):



CDMA Cellular Band Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 1013 | Fixed | OFF | 94.9 | 39.55 | 0.038 | 39.58 | 41 | -1.42 | M3 |
| CDMA | 384 | Fixed | OFF | 93.3 | 39.40 | 0.081 | 39.48 | 41 | -1.52 | M3 |
| CDMA | 777 | Fixed | OFF | 92.1 | 39.29 | 0.043 | 39.33 | 41 | -1.67 | M3 |

CDMA Cellular Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 1013 | Fixed | OFF | 97.0 | 39.74 | 0.140 | 39.88 | 41 | -1.12 | M3 |
| CDMA | 384 | Fixed | OFF | 96.4 | 39.68 | 0.013 | 39.69 | 41 | -1.31 | M3 |
| CDMA | 777 | Fixed | OFF | 98.4 | 39.86 | 0.079 | 39.94 | 41 | -1.06 | M3 |
| CDMA | 777 | Fixed | ON | 94.1 | 39.47 | 0.220 | 39.69 | 41 | -1.31 | M3 |

CDMA PCS Band Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 25 | Fixed | OFF | 34.5 | 30.76 | 0.015 | 30.77 | 41 | -10.23 | M4 |
| CDMA | 600 | Fixed | OFF | 35.9 | 31.10 | 0.200 | 31.30 | 41 | -9.70 | M4 |
| CDMA | 1175 | Fixed | OFF | 36.8 | 31.32 | 0.159 | 31.48 | 41 | -9.52 | M4 |

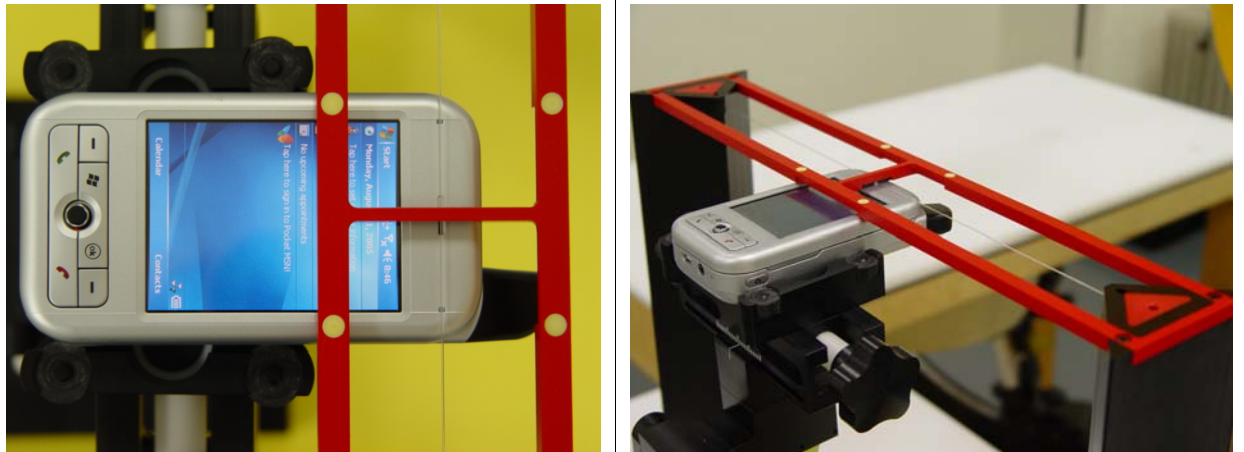
CDMA PCS Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 25 | Fixed | OFF | 36.7 | 31.29 | 0.108 | 31.40 | 41 | -9.60 | M4 |
| CDMA | 600 | Fixed | OFF | 36.7 | 31.29 | 0.194 | 31.49 | 41 | -9.51 | M4 |

Note:

1. The extrapolate field value have including power drift value for worst case HAC test result.

3. Pocket PC phone E-Field Emission(Close slide cover mode):



2.4GHz DSSS Duty cycle:100%

| Rate (Mbps) | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|-------------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 1 | Fixed | OFF | 7.75 | 17.79 | 0.145 | 17.93 | 41 | -23.07 | M4 |
| 1 | 6 | Fixed | OFF | 8.53 | 18.62 | 0.124 | 18.74 | 41 | -22.26 | M4 |
| 1 | 11 | Fixed | OFF | 8.83 | 18.92 | 0.033 | 18.95 | 41 | -22.05 | M4 |

2.4GHz DSSS with Bluetooth(colocation test) Duty cycle:100%

| Rate | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 11 | Fixed | OFF | 8.67 | 18.76 | 0.140 | 18.90 | 41 | -22.10 | M4 |

Note:

1. The extrapolate field value have including power drift value for worst case HAC test result.

4. Pocket PC phone E-Field Emission(Open slide cover mode):



2.4GHz DSSS Duty cycle:100%

| Rate (Mbps) | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|-------------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 1 | Fixed | OFF | 7.67 | 17.70 | 0.006 | 17.70 | 41 | -23.30 | M4 |
| 1 | 6 | Fixed | OFF | 8.39 | 18.48 | 0.009 | 18.48 | 41 | -22.52 | M4 |
| 1 | 11 | Fixed | OFF | 8.94 | 19.03 | 0.008 | 19.03 | 41 | -21.97 | M4 |

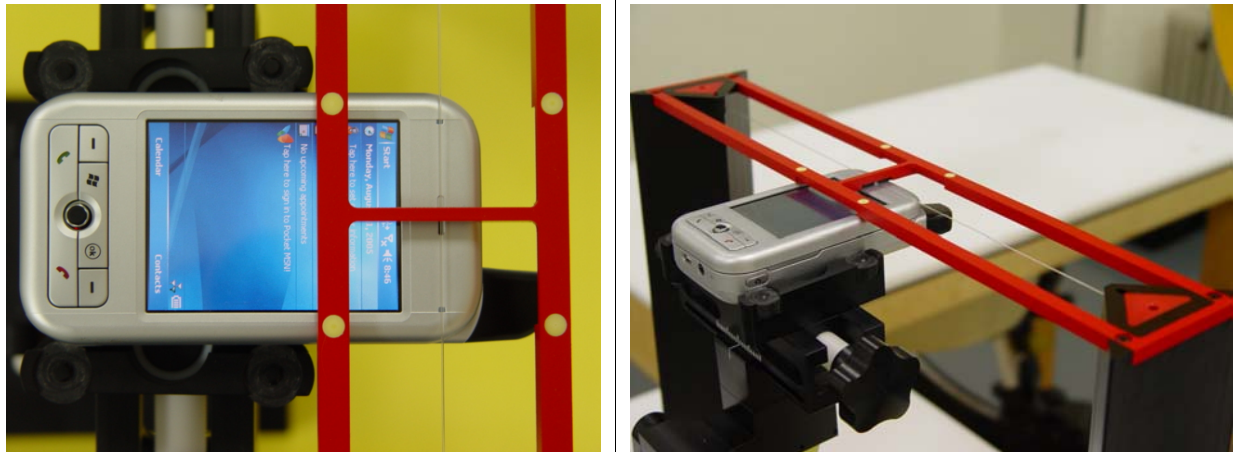
2.4GHz DSSS with Bluetooth(colocation test) Duty cycle:100%

| Rate | Channel | Antenna | Backlight | Peak Field (V/m) | Peak Filed (dB V/m) | Power drift (dB) | Extrapolate Field (dB V/m) | Limit (dB V/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 11 | Fixed | OFF | 8.96 | 19.05 | 0.087 | 19.13 | 41 | -21.87 | M4 |
| 1 | 11 | Fixed | ON | 8.94 | 19.03 | 0.031 | 19.06 | 41 | -21.94 | M4 |

Note:

1. The extrapolate field value have including power drift value for worst case HAC test result.

5. Cellular phone H-Field Emissions (Close slide cover mode):



CDMA Cellular Band Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 1013 | Fixed | OFF | 0.165 | -15.65 | 0.153 | -15.50 | -9.4 | -6.10 | M4 |
| CDMA | 384 | Fixed | OFF | 0.166 | -15.60 | 0.085 | -15.51 | -9.4 | -6.11 | M4 |
| CDMA | 777 | Fixed | OFF | 0.163 | -15.76 | 0.041 | -15.72 | -9.4 | -6.32 | M4 |

CDMA Cellular Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 1013 | Fixed | OFF | 0.216 | -13.31 | 0.100 | -13.21 | -9.4 | -3.81 | M3 |
| CDMA | 384 | Fixed | OFF | 0.218 | -13.23 | 0.037 | -13.19 | -9.4 | -3.79 | M3 |
| CDMA | 777 | Fixed | OFF | 0.214 | -13.39 | 0.098 | -13.29 | -9.4 | -3.89 | M3 |

CDMA PCS Band Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 25 | Fixed | OFF | 0.176 | -15.09 | 0.165 | -14.92 | -9.4 | -5.52 | M4 |
| CDMA | 600 | Fixed | OFF | 0.156 | -16.14 | 0.138 | -16.00 | -9.4 | -6.60 | M4 |
| CDMA | 1175 | Fixed | OFF | 0.155 | -16.19 | 0.082 | -16.11 | -9.4 | -6.71 | M4 |

CDMA PCS Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| CDMA | 25 | Fixed | OFF | 0.179 | -14.94 | 0.062 | -14.88 | -9.4 | -5.48 | M4 |
| CDMA | 600 | Fixed | OFF | 0.168 | -15.49 | 0.107 | -15.39 | -9.4 | -5.99 | M4 |
| CDMA | 1175 | Fixed | OFF | 0.169 | -15.44 | 0.065 | -15.38 | -9.4 | -5.98 | M4 |

Note:

1. The extrapolate field value have including power drift value for worst case HAC test result.

6. Cellular phone H-Field Emissions (Open slide cover mode):



CDMA Cellular Band Duty cycle:100%

| Mode | Channe 1 | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolat e Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|-------------|---------|-----------|------------------------|---------------------------|------------------------|-----------------------------------|-------------------|----------------|--------------------------------|
| CDMA | 1013 | Fixed | OFF | 0.159 | -15.97 | 0.003 | -15.97 | -9.4 | -6.57 | M4 |
| CDMA | 384 | Fixed | OFF | 0.160 | -15.92 | 0.166 | -15.75 | -9.4 | -6.35 | M4 |
| CDMA | 777 | Fixed | OFF | 0.154 | -16.25 | 0.231 | -16.02 | -9.4 | -6.62 | M4 |

CDMA Cellular Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channe 1 | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolat e Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|-------------|---------|-----------|------------------------|---------------------------|------------------------|-----------------------------------|-------------------|----------------|--------------------------------|
| CDMA | 1013 | Fixed | OFF | 0.232 | -12.69 | 0.125 | -12.57 | -9.4 | -3.17 | M3 |
| CDMA | 384 | Fixed | OFF | 0.229 | -12.80 | 0.048 | -12.76 | -9.4 | -3.36 | M3 |
| CDMA | 777 | Fixed | OFF | 0.224 | -13.00 | 0.074 | -12.92 | -9.4 | -3.52 | M3 |

CDMA PCS Band Duty cycle:100%

| Mode | Channe 1 | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolat e Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|-------------|---------|-----------|------------------------|---------------------------|------------------------|-----------------------------------|-------------------|----------------|--------------------------------|
| CDMA | 25 | Fixed | OFF | 0.110 | -19.17 | 0.219 | -18.95 | -9.4 | -9.55 | M4 |
| CDMA | 600 | Fixed | OFF | 0.107 | -19.41 | 0.209 | -19.20 | -9.4 | -9.80 | M4 |
| CDMA | 1175 | Fixed | OFF | 0.098 | -20.18 | 0.155 | -20.02 | -9.4 | -10.62 | M4 |

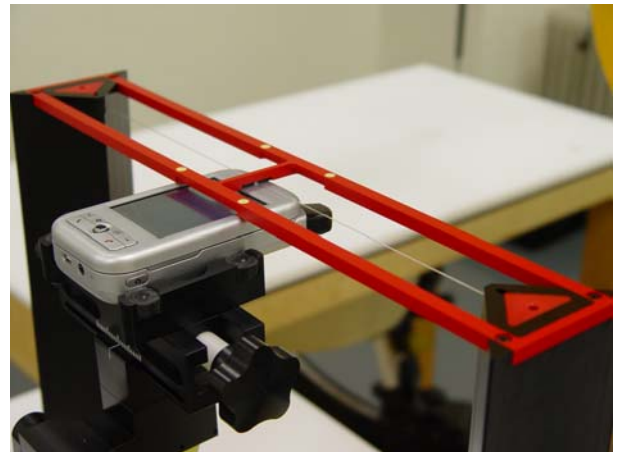
CDMA PCS Band with WiFi and Bluetooth(colocation test) Duty cycle:100%

| Mode | Channe 1 | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolat e Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|-------------|---------|-----------|------------------------|---------------------------|------------------------|-----------------------------------|-------------------|----------------|--------------------------------|
| CDMA | 25 | Fixed | OFF | 0.129 | -17.79 | 0.047 | -17.74 | -9.4 | -8.34 | M4 |
| CDMA | 600 | Fixed | OFF | 0.130 | -17.72 | 0.011 | -17.71 | -9.4 | -8.31 | M4 |
| CDMA | 1175 | Fixed | OFF | 0.133 | -17.52 | 0.071 | -17.45 | -9.4 | -8.05 | M4 |

Note:

1. The extrapolate field value have including power drift value for worst case HAC test result.

7. Pocket PC phone H-Field Emissions (Close slide cover mode):



2.4GHz DSSS Duty cycle:100%

| Rate (Mbps) | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|-------------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 1 | Fixed | OFF | 0.019 | -34.42 | 0.078 | -34.35 | -9.4 | -24.95 | M4 |
| 1 | 6 | Fixed | OFF | 0.019 | -34.42 | 0.129 | -34.30 | -9.4 | -24.90 | M4 |
| 1 | 11 | Fixed | OFF | 0.020 | -33.98 | 0.054 | -33.93 | -9.4 | -24.53 | M4 |

2.4GHz DSSS with Bluetooth(colocation test) Duty cycle:100%

| Rate | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 11 | Fixed | OFF | 0.02 | -34.42 | 0.175 | -34.25 | -9.4 | -24.85 | M4 |

Note:

- The extrapolate field value have including power drift value for worst case HAC test result.

8. Pocket PC phone H-Field Emissions (Open slide cover mode):



2.4GHz DSSS Duty cycle:100%

| Rate (Mbps) | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|-------------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 1 | Fixed | OFF | 0.022 | -33.15 | 0.012 | -33.14 | -9.4 | -23.74 | M4 |
| 1 | 6 | Fixed | OFF | 0.024 | -32.40 | 0.007 | -32.39 | -9.4 | -22.99 | M4 |
| 1 | 11 | Fixed | OFF | 0.026 | -31.70 | 0.023 | -31.68 | -9.4 | -22.28 | M4 |

2.4GHz DSSS with Bluetooth(colocation test) Duty cycle:100%

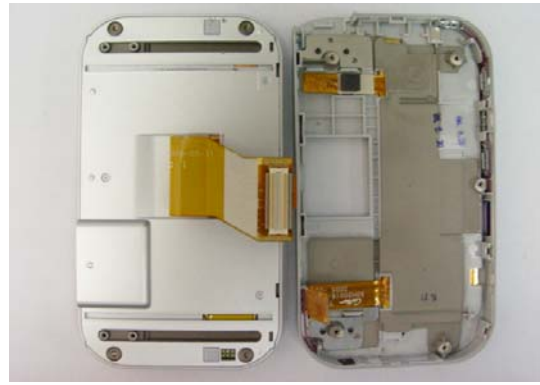
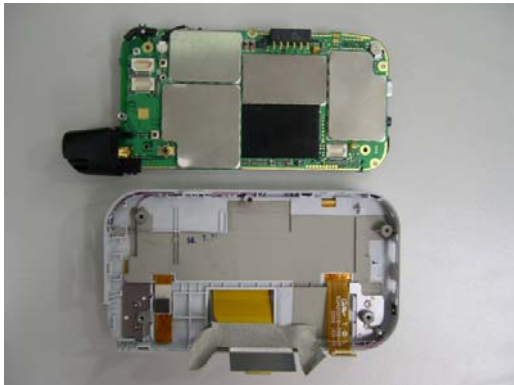
| Rate | Channel | Antenna | Backlight | Peak Field (A/m) | Peak Filed (dB A/m) | Power drift (dB) | Extrapolate Field (dB A/m) | Limit (dB A/m) | Margin (dB) | M-Rating Category Result |
|------|---------|---------|-----------|------------------|---------------------|------------------|----------------------------|----------------|-------------|--------------------------|
| 1 | 11 | Fixed | OFF | 0.03 | -31.70 | 0.065 | -31.64 | -9.4 | -22.24 | M4 |

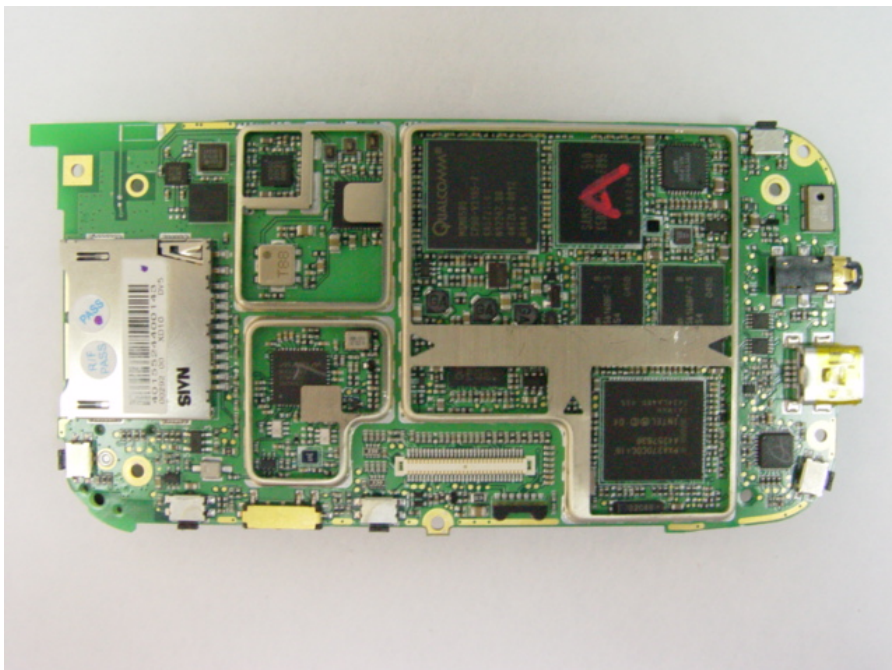
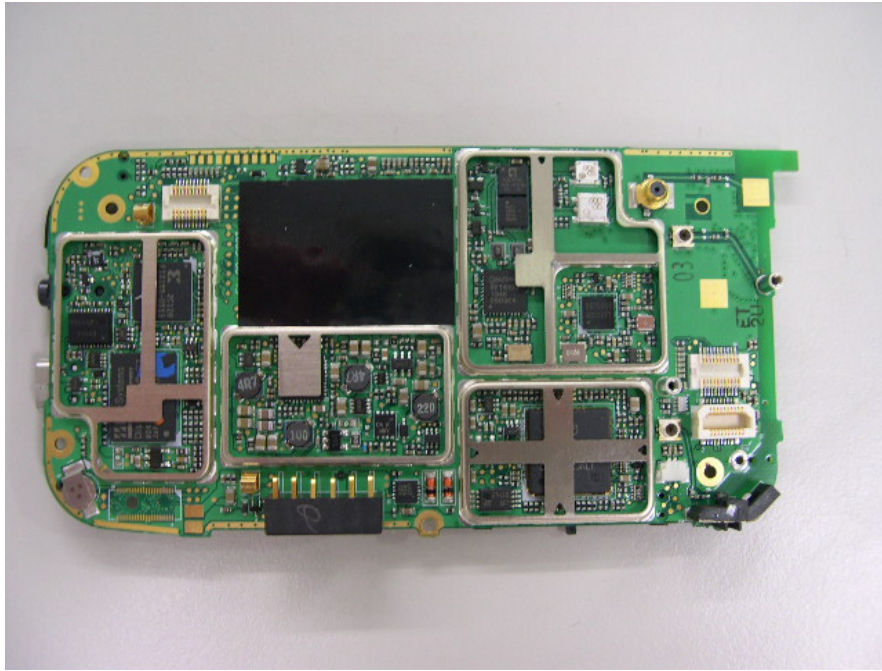
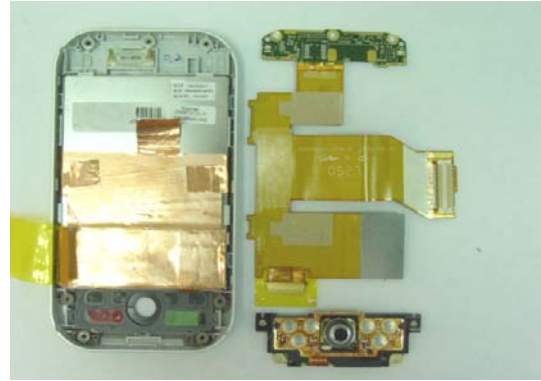
Note:

1. The extrapolate field value have including power drift value for worst case HAC test result.

10.EUT PHOTOS

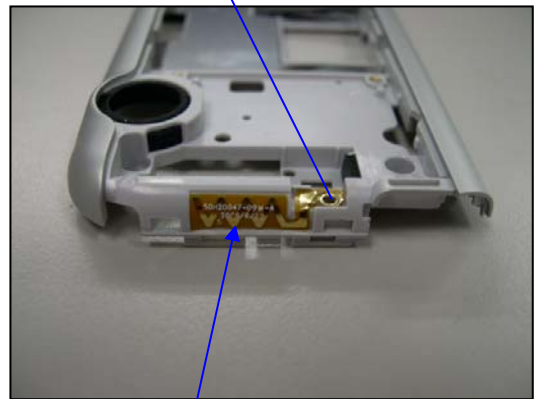
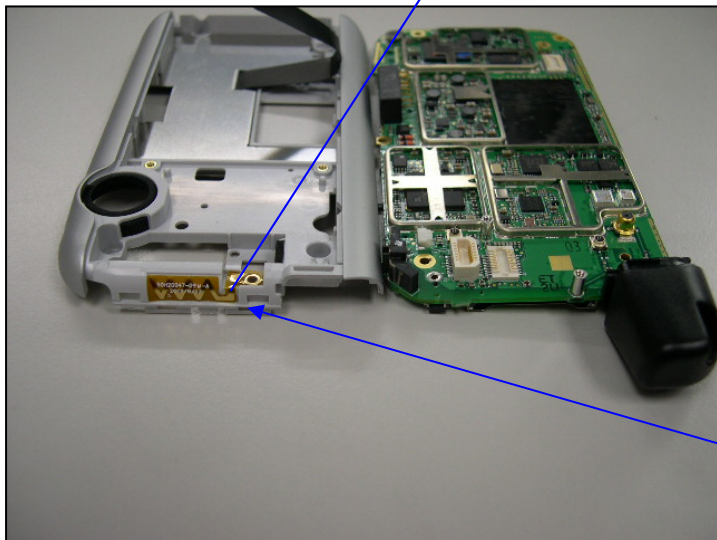
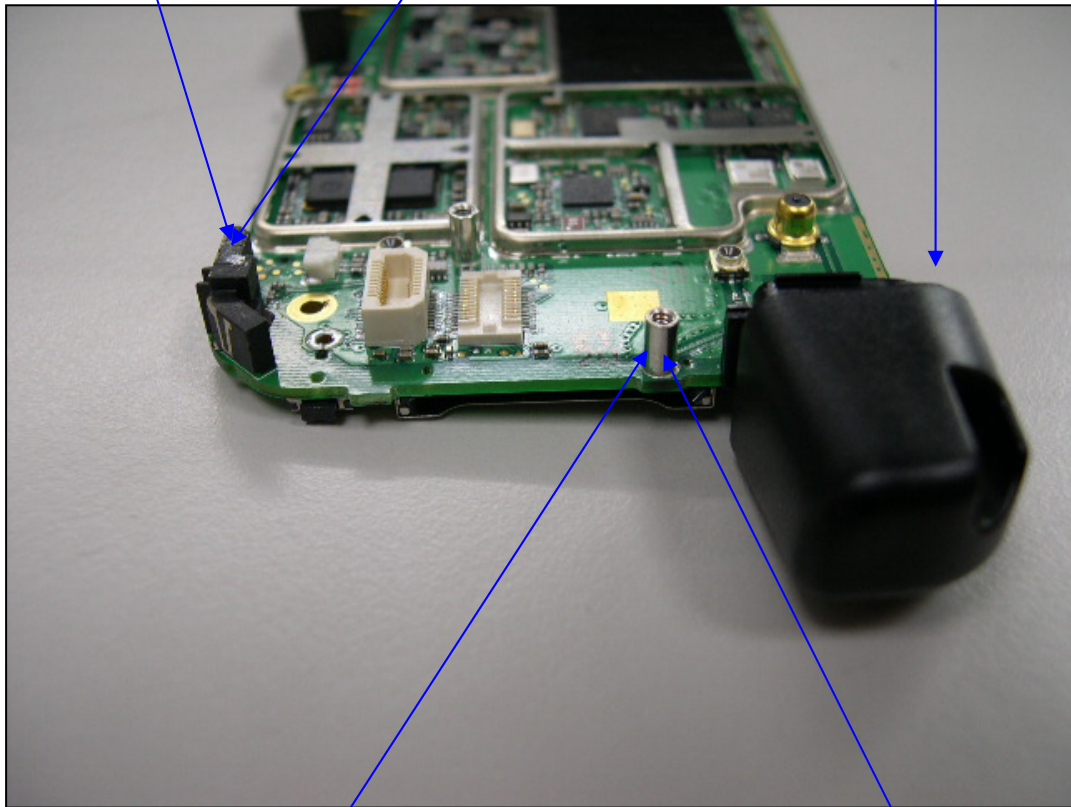






WLAN Antenna

CDMA Antenna



Bluetooth Antenna