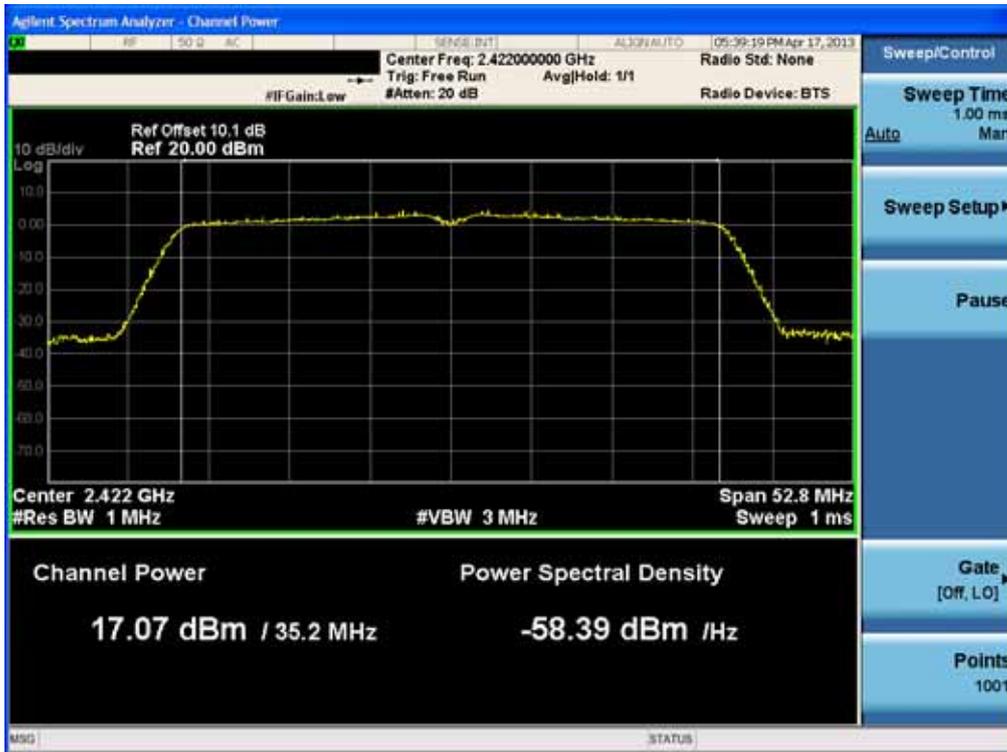


RESULT PLOTS: 40 MHz BW

Conducted Output Power (802.11n-CH 3) 13.5 Mbps



Conducted Output Power (802.11n-CH 3) 27 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 3) 40.5 Mbps



### Conducted Output Power (802.11n-CH 3) 54 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 3) 81 Mbps



### Conducted Output Power (802.11n-CH 3) 108 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 3) 121.5 Mbps



### Conducted Output Power (802.11n-CH 3) 135 Mbps

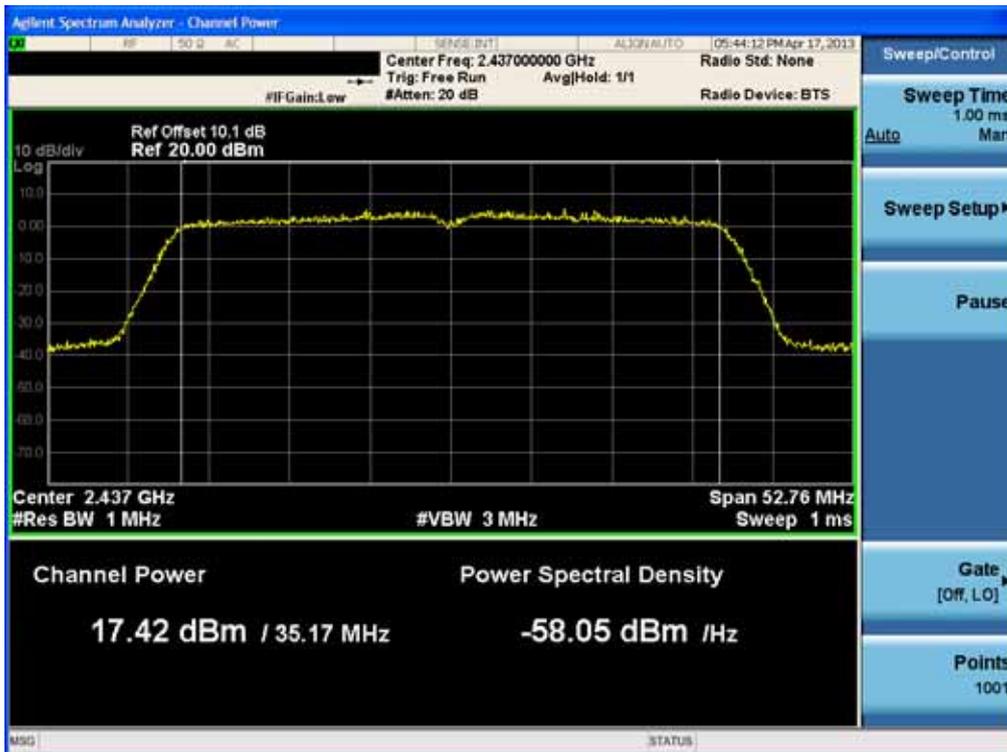


|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 13.5 Mbps



### Conducted Output Power (802.11n-CH 6) 27 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 40.5 Mbps

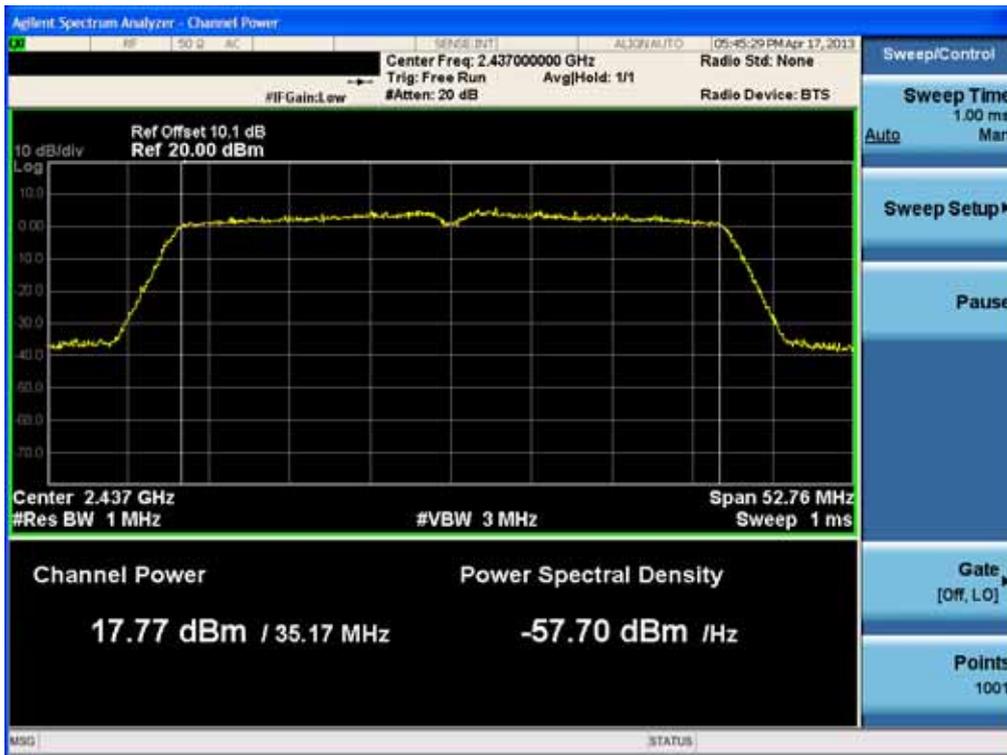


### Conducted Output Power (802.11n-CH 6) 54 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 81 Mbps



### Conducted Output Power (802.11n-CH 6) 108 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 121.5 Mbps



### Conducted Output Power (802.11n-CH 6) 135 Mbps

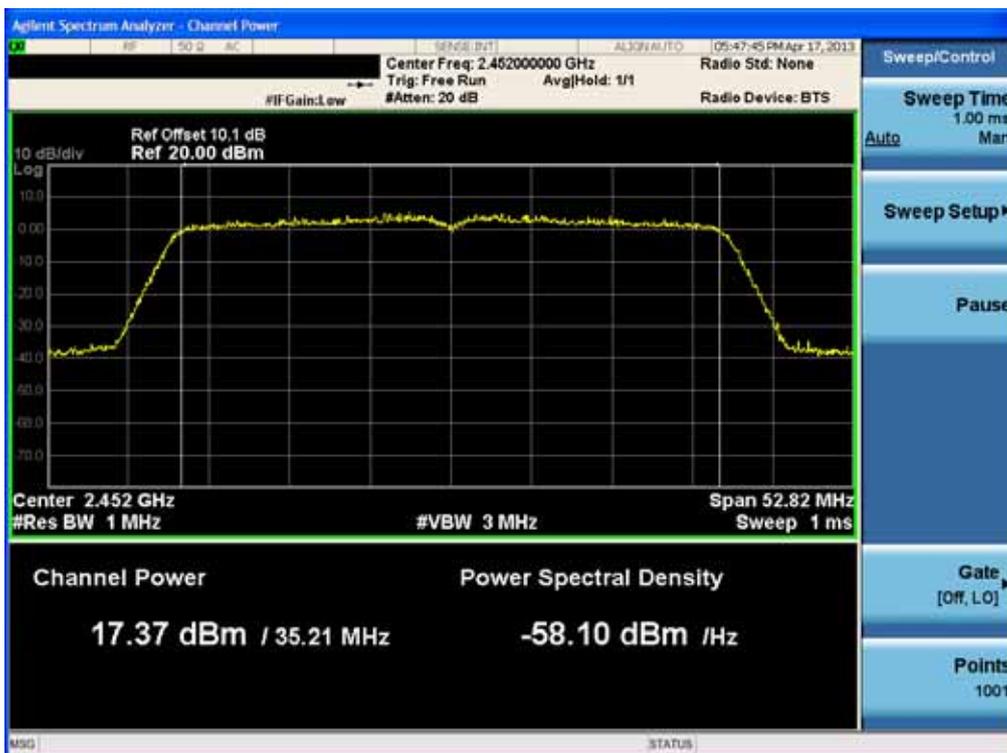


|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 9) 13.5Mbps

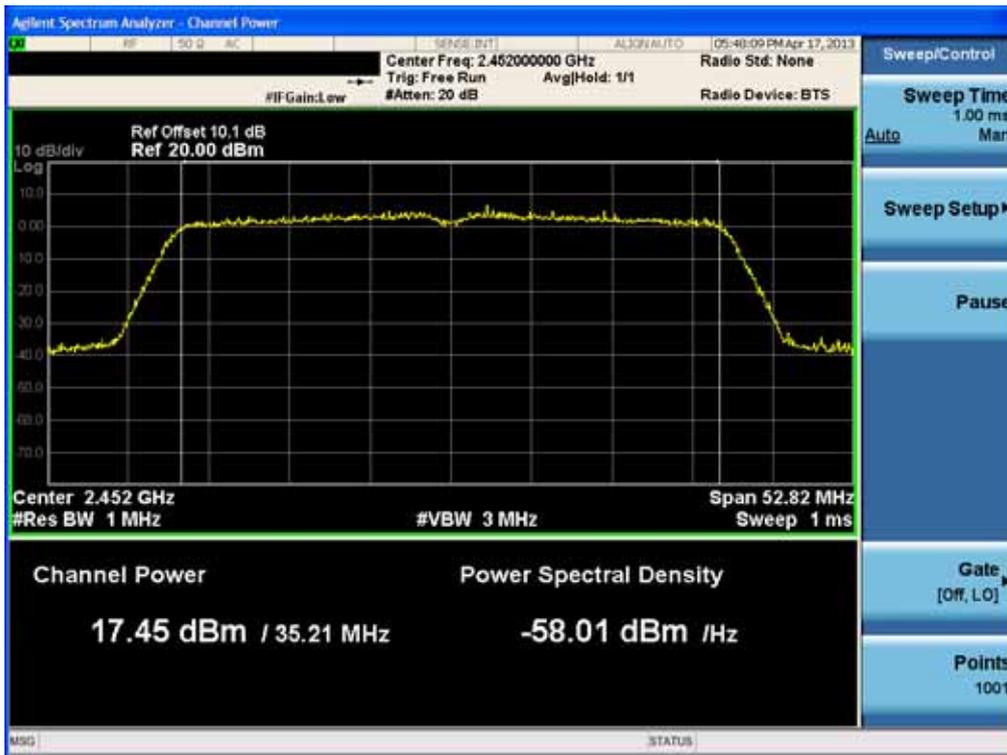


### Conducted Output Power (802.11n-CH 9) 27 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 9) 40.5 Mbps



### Conducted Output Power (802.11n-CH 9) 54 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 9) 81 Mbps



### Conducted Output Power (802.11n-CH 9) 108 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 9) 121.5 Mbps



### Conducted Output Power (802.11n-CH 9) 135 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

RESULT PLOTS-Average

Conducted Output Power (802.11b-CH 1) 1Mbps



Conducted Output Power (802.11b-CH 1) 2Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11b-CH 1) 5.5Mbps



### Conducted Output Power (802.11b-CH 1) 11Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11b-CH 6) 1Mbps

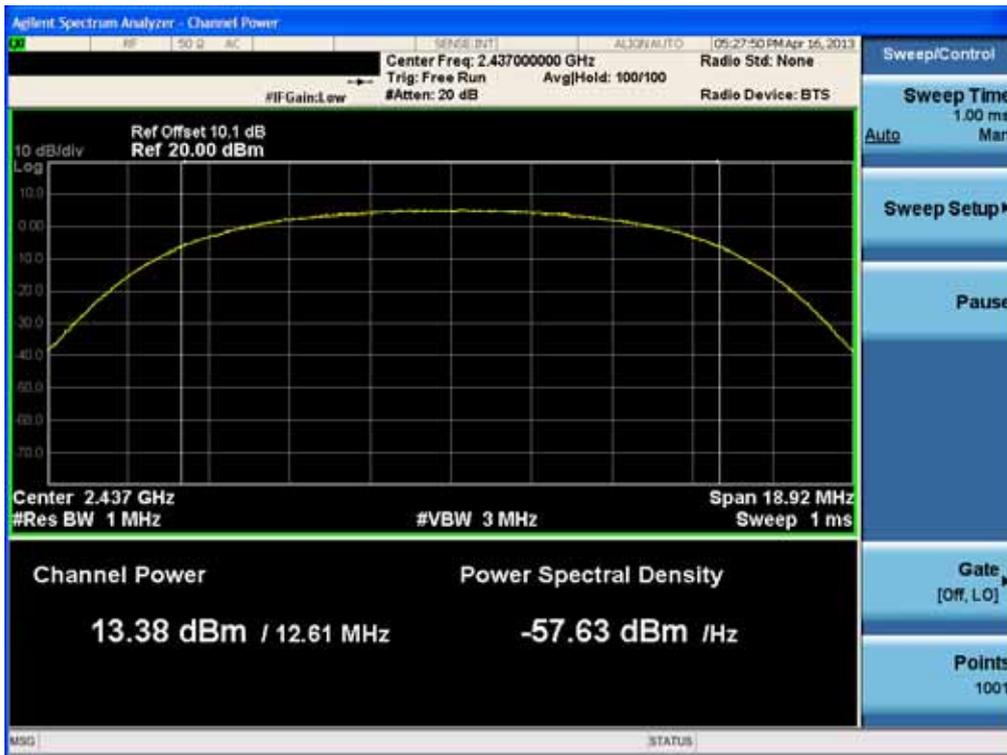


### Conducted Output Power (802.11b-CH 6) 2Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11b-CH 6) 5.5Mbps



### Conducted Output Power (802.11b-CH 6) 11Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11b-CH 11) 1Mbps

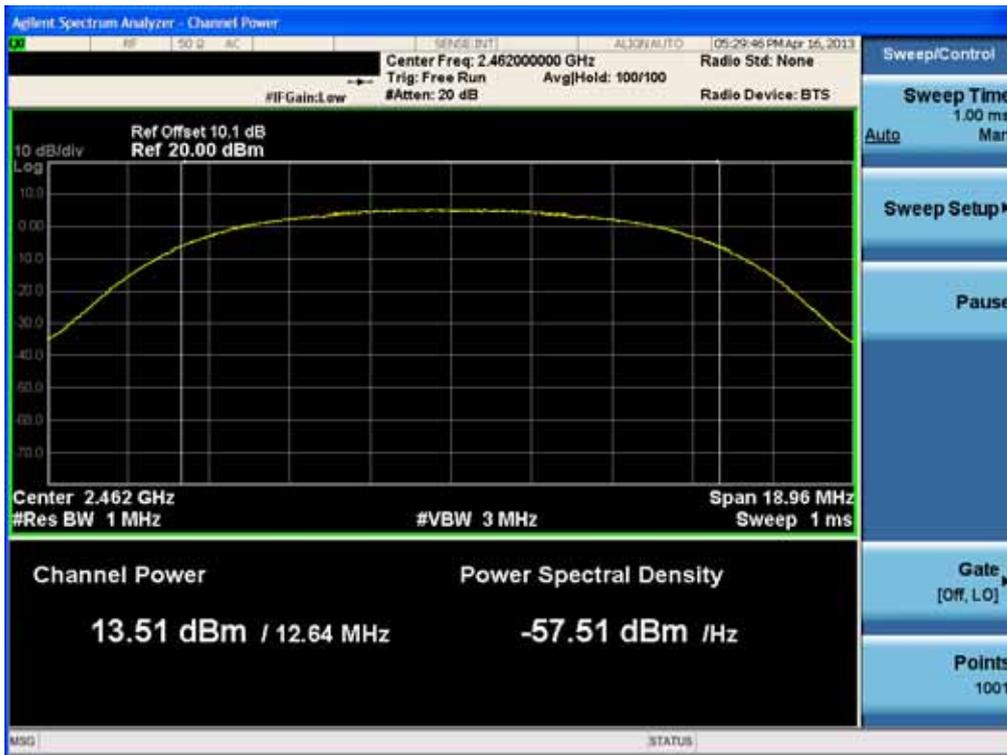


### Conducted Output Power (802.11b-CH 11) 2Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11b-CH 11) 5.5Mbps



### Conducted Output Power (802.11b-CH 11) 11Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 1) 6Mbps

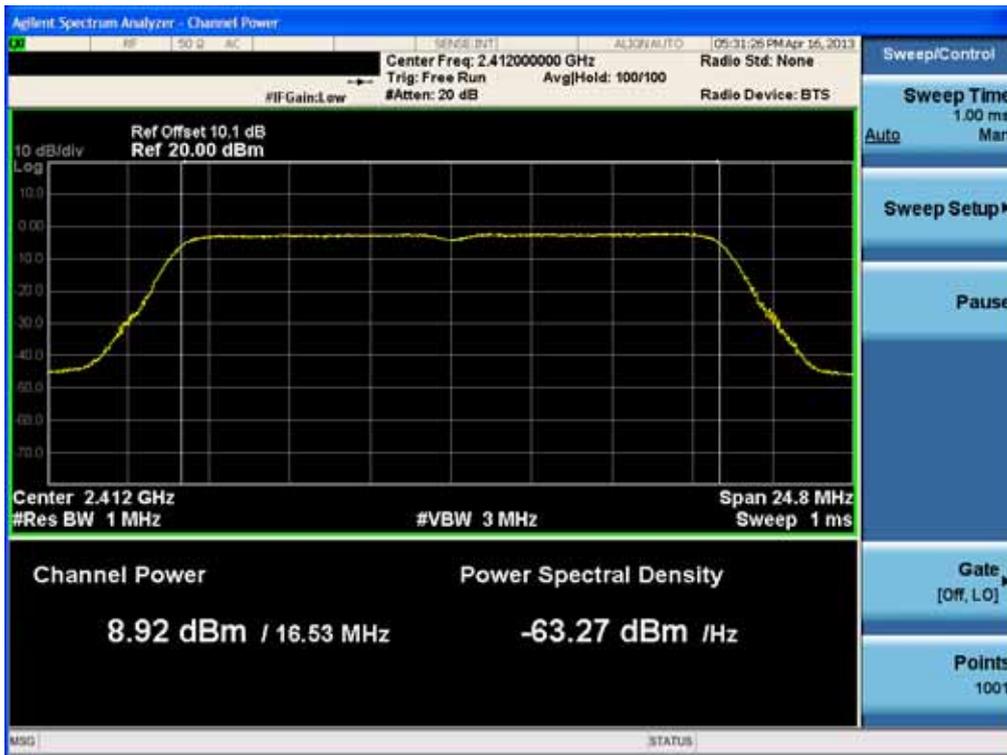


### Conducted Output Power (802.11g-CH 1) 9Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 1) 12Mbps



### Conducted Output Power (802.11g-CH 1) 18Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 1) 24Mbps



### Conducted Output Power (802.11g-CH 1) 36Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 1) 48Mbps



### Conducted Output Power (802.11g-CH 1) 54Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 6) 6Mbps



### Conducted Output Power (802.11g-CH 6) 9Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 6) 12Mbps



### Conducted Output Power (802.11g-CH 6) 18Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 6) 24Mbps



### Conducted Output Power (802.11g-CH 6) 36Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 6) 48Mbps



### Conducted Output Power (802.11g-CH 6) 54Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 11) 6Mbps



### Conducted Output Power (802.11g-CH 11) 9Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 11) 12Mbps



### Conducted Output Power (802.11g-CH 11) 18Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 11) 24Mbps



### Conducted Output Power (802.11g-CH 11) 36Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11g-CH 11) 48Mbps



### Conducted Output Power (802.11g-CH 11) 54Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

RESULT PLOTS: \_20 MHz BW

Conducted Output Power (802.11n-CH 1) 6.5Mbps



Conducted Output Power (802.11n-CH 1) 13Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 1) 19.5Mbps



### Conducted Output Power (802.11n-CH 1) 26Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 1) 39Mbps



### Conducted Output Power (802.11n-CH 1) 52Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 1) 58.5Mbps



### Conducted Output Power (802.11n-CH 1) 65Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 6.5Mbps



### Conducted Output Power (802.11n-CH 6) 13Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 19.5Mbps



### Conducted Output Power (802.11n-CH 6) 26Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 39Mbps



### Conducted Output Power (802.11n-CH 6) 52Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 6) 58.5Mbps



### Conducted Output Power (802.11n-CH 6) 65Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 11) 6.5Mbps



### Conducted Output Power (802.11n-CH 11) 13Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 11) 19.5Mbps



### Conducted Output Power (802.11n-CH 11) 26Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 11) 39Mbps



### Conducted Output Power (802.11n-CH 11) 52Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

### Conducted Output Power (802.11n-CH 11) 58.5Mbps



### Conducted Output Power (802.11n-CH 11) 65Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |

RESULT PLOTS: 40 MHz BW

Conducted Output Power (802.11n-CH 3) 13.5 Mbps



Conducted Output Power (802.11n-CH 3) 27 Mbps



|                                   |                                |  |  |
|-----------------------------------|--------------------------------|--|--|
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT       |  | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
| Test Report No.<br>HCTR1304FR31-2 | Date of Issue:<br>May 06, 2013 | EUT Type:<br>GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n | FCC ID:<br>ZNFE450J                              |