



# Conducted Output Power (802.11a-CH 116) 12 Mbps

# Conducted Output Power (802.11a-CH 116) 18 Mbps



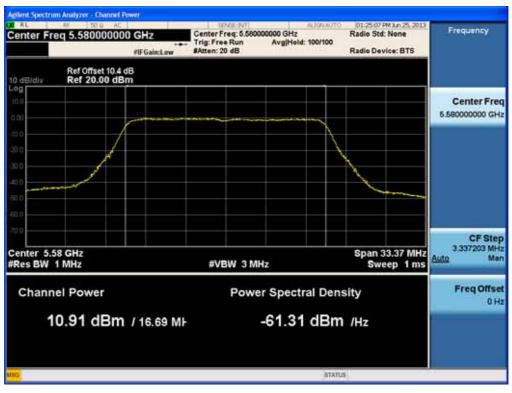
| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 7.2 of 262            |       |      |            |      |     |                    |





# Conducted Output Power (802.11a-CH 116) 24 Mbps

# Conducted Output Power (802.11a-CH 116) 36 Mbps



|                                                                                                                                                                                 | <u>co.kr</u> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Test Report No. Date of Issue: EUT Type: Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and FCC ID:   JUly 30, 2013 NFC(Felica) NFC(Felica) FCC ID: ZNFL01F |              |





# Conducted Output Power (802.11a-CH 116) 48 Mbps

# Conducted Output Power (802.11a-CH 116) 54 Mbps



| TEST REPORT                  | FCC CERTIFICATION REPORT                                                                           | www.hct.co.kr      |
|------------------------------|----------------------------------------------------------------------------------------------------|--------------------|
| HCTR1306ER25-1 July 30, 2013 | EUT Type:<br>Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and<br>NFC(Felica) | FCC ID:<br>ZNFL01F |



### RESULT PLOTS (5180 MHz ~5240 MHz)

# Conducted Output Power (802.11n-CH 36) 6.5 Mbps



Conducted Output Power (802.11n-CH 36) 13 Mbps



| FCC PT.15.247<br>TEST REPORT |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|                              | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 36) 19.5 Mbps

# Conducted Output Power (802.11n-CH 36) 26 Mbps



|                                                                                                                                                                                       | .co.kr |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Test Report No.<br>HCTR1306FR25-1 Date of Issue:<br>July 30, 2013 EUT Type:<br>Cellular/PCS Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and FCC ID:<br>ZNFL01F |        |





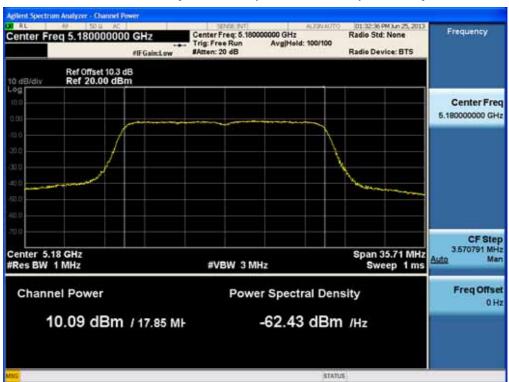
## Conducted Output Power (802.11n-CH 36) 39 Mbps

# Conducted Output Power (802.11n-CH 36) 52 Mbps



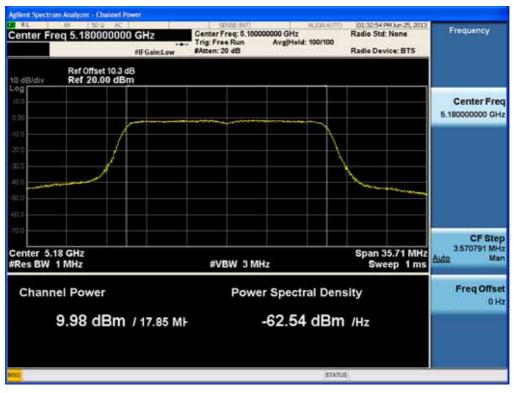
| EIIT Type:                                                                                                                                                                 | FCC CERTIFICATION REPORT <u>www.hct.co.kr</u>                         |                            | FCC PT.15.247<br>TEST REPORT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------|------------------------------|
| Test Report No. Date of Issue: LCI Type:   HCTR1306FR25-1 July 30, 2013 Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and NFC(Felica) FCC ID: ZNFL01F | PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and 7NEL01E | July 30, 2013 Cellular/PCS |                              |





# Conducted Output Power (802.11n-CH 36) 58.5 Mbps

# Conducted Output Power (802.11n-CH 36) 65 Mbps

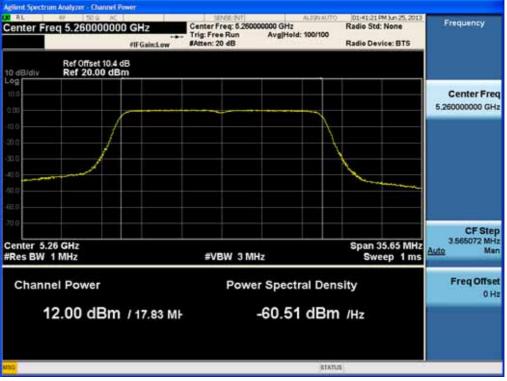


| TEST REPORT |     |                                              | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-------------|-----|----------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|             | Cel | <b>UT Type:</b><br>ellular/PCS<br>FC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |

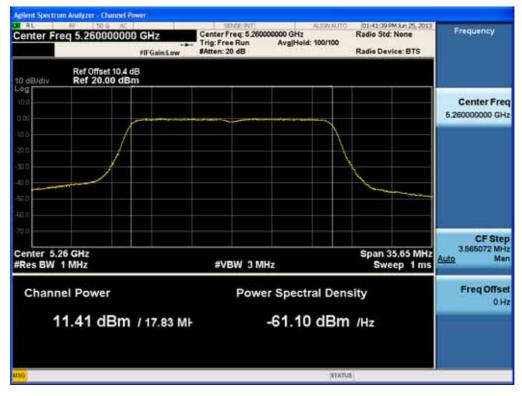


# RESULT PLOTS (5260 MHz ~5320 MHz)

# Conducted Output Power (802.11n-CH 52) 6.5 Mbps



Conducted Output Power (802.11n-CH 52) 13 Mbps



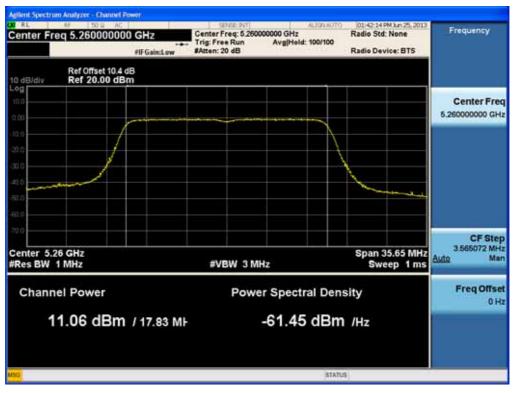
| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 52) 19.5 Mbps

# Conducted Output Power (802.11n-CH 52) 26 Mbps



| TEST REPORT                                                                                                                                                                                                       |       | www.hct.co.kr      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------|
| Test Report No. Date of Issue: EUT Type:   HCTR1306FR25-1 July 30, 2013 EUT Type: Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLA   NFC(Felica) NFC(Felica) NFC(Felica) NFC(Felica) NFC(Felica) | l and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 52) 39 Mbps

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



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Decc. 9 1 of 969           |       |      |            |      |     |                    |





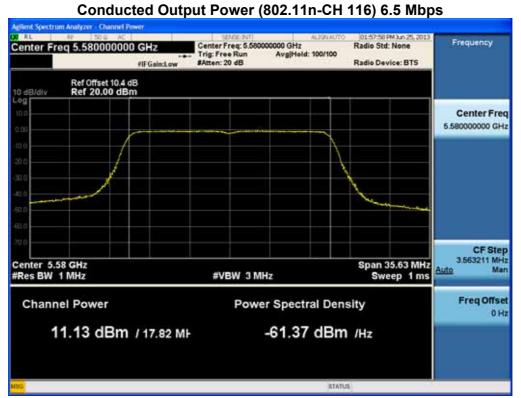
# Conducted Output Power (802.11n-CH 52) 58.5 Mbps

# Conducted Output Power (802.11n-CH 52) 65 Mbps



|                                                                                                                                                                    | FCC PT.15.247<br>TEST REPORT |               | FCC | CERTIFICATION REPORT |       |      |            |      |     | www.hct.co.kr |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-----|----------------------|-------|------|------------|------|-----|---------------|
| Test Report No. Date of Issue: EUT Type:   HCTR1306FR25-1 July 30, 2013 Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and NFC(Felica) FCC ID: |                              | July 30, 2013 |     | RS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and |               |





# Conducted Output Power (802.11n-CH 116) 13 Mbps



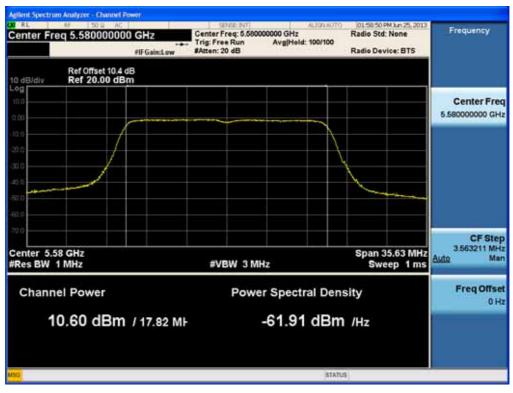
| TEST REPORT                                              | FCC CERTIFICATION REPORT                                                                           | www.hct.co.kr      |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Test Report No.Date of Issue:HCTR1306FR25-1July 30, 2013 | EUT Type:<br>Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and<br>NFC(Felica) | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 116) 19.5 Mbps

# Conducted Output Power (802.11n-CH 116) 26 Mbps



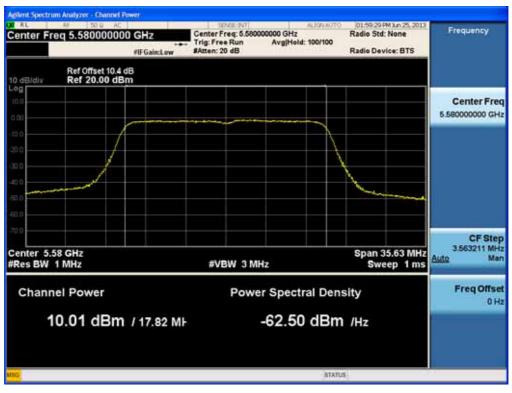
| TEST REPORT                                                                                                                                           | Г                                | www.hct.co.kr      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------|
| Test Report No. Date of Issue: EUT Type:   HCTR1306FR25-1 July 30, 2013 Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUP/   NFC(Felica) NFC(Felica) NFC(Felica) | A Phone with Bluetooth, WLAN and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 116) 39 Mbps

# Conducted Output Power (802.11n-CH 116) 52 Mbps



| TEST REPORT                                                               | ww.hct.co.kr            |
|---------------------------------------------------------------------------|-------------------------|
| Callular/PCS CSM/CPPS/M/CDMA/HSDPA/HSDPA Phone with Bluetooth W/LAN and L | <b>CC ID:</b><br>NFL01F |





# Conducted Output Power (802.11n-CH 116) 58.5 Mbps

# Conducted Output Power (802.11n-CH 116) 65 Mbps



| TEST REPORT |                                    |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-------------|------------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|             | <b>te of Issue:</b><br>ly 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |

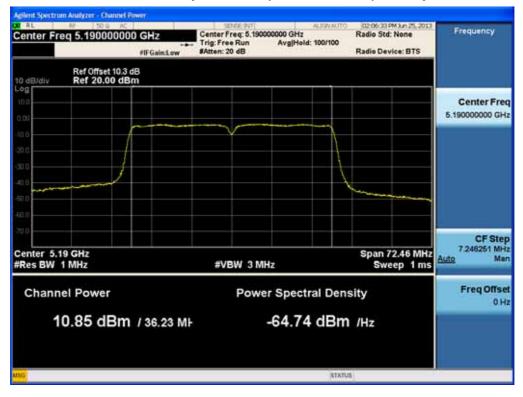


# ■ RESULT PLOTS (5190 MHz ~5230 MHz)



### Conducted Output Power (802.11n-CH 38) 13.5 Mbps

### Conducted Output Power (802.11n-CH 38) 27 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Page 8 7 of 262            |       |      |            |      |     |                    |





# Conducted Output Power (802.11n-CH 38) 40.5 Mbps

# Conducted Output Power (802.11n-CH 38) 54 Mbps



| FCC PT.15.247<br>TEST REPORT |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|                              | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 38) 81 Mbps

# Conducted Output Power (802.11n-CH 38) 108 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 9.0 of 262            |       |      |            |      |     |                    |





# Conducted Output Power (802.11n-CH 38) 121.5 Mbps

# Conducted Output Power (802.11n-CH 38) 135 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |

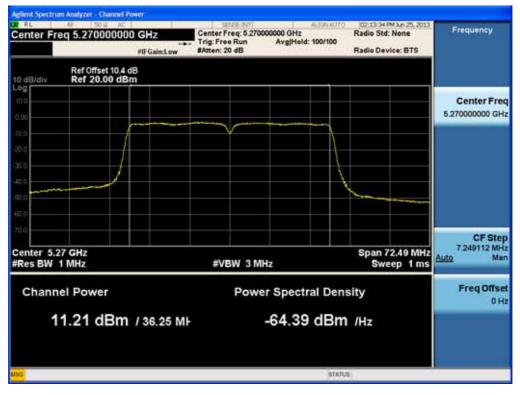


# RESULT PLOTS (5270 MHz ~5310 MHz)

# Conducted Output Power (802.11n-CH 54) 13.5 Mbps



Conducted Output Power (802.11n-CH 54) 27 Mbps



| Test Report No. Date of Issue: EUT Type: ECC ID:                                                            | FCC PT.15.247<br>TEST REPORT      |                                 |              | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------|--------------|----------------------------|-------|------|------------|------|-----|--------------------|
| HCTR1306FR25-1 July 30, 2013 Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and ZNFL01F | Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | Cellular/PCS | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 54) 40.5 Mbps

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



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 0.2 of 262            |       |      |            |      |     |                    |





# Conducted Output Power (802.11n-CH 54) 81 Mbps

# Conducted Output Power (802.11n-CH 54) 108 Mbps

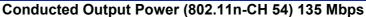


| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 0.2 of 262            |       |      |            |      |     |                    |





# Conducted Output Power (802.11n-CH 54) 121.5 Mbps





| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |

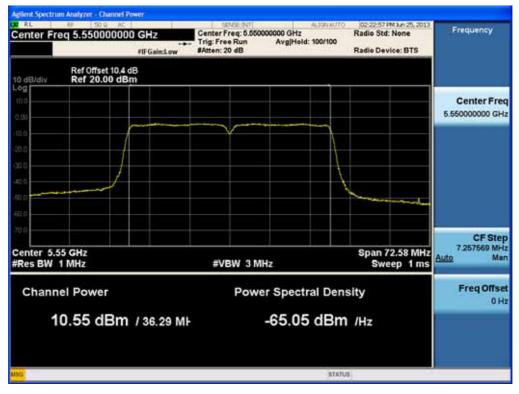


# RESULT PLOTS (5510 MHz ~5670 MHz)

# Conducted Output Power (802.11n-CH 110) 13.5 Mbps



# Conducted Output Power (802.11n-CH 110) 27 Mbps



|                                                                                                                                                                                          | co.kr |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Test Report No. Date of Issue: EUT Type: Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and FCC ID:   VID 100 STR1306FR25-1 July 30, 2013 FC(Felica) FCC ID: ZNFL01F |       |





# Conducted Output Power (802.11n-CH 110) 40.5 Mbps

# Conducted Output Power (802.11n-CH 110) 54 Mbps

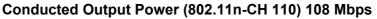


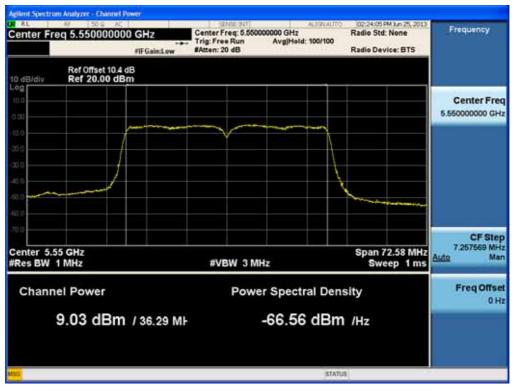
| FCC PT.15.247<br>TEST REPORT |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|                              | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11n-CH 110) 81 Mbps





| Test Report No. Date of Issue: EUT Type:                                                                    | FCC PT.15.247<br>TEST REPORT |                  | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr |
|-------------------------------------------------------------------------------------------------------------|------------------------------|------------------|----------------------------|-------|------|------------|------|-----|---------------|
| HCTR1306FR25-1 July 30, 2013 Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and ZNFL01F |                              | <br>Cellular/PCS | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and |               |





# Conducted Output Power (802.11n-CH 110) 121.5 Mbps

# Conducted Output Power (802.11n-CH 110) 135 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 0.9 of 262            |       |      |            |      |     |                    |

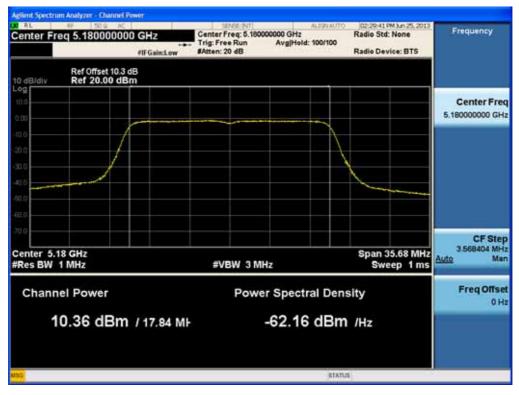


### RESULT PLOTS (5180 MHz ~5240 MHz)

# Conducted Output Power (802.11ac-CH 36) 6.5 Mbps



Conducted Output Power (802.11ac-CH 36) 13 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





## Conducted Output Power (802.11ac-CH 36) 19.5 Mbps

# Conducted Output Power (802.11ac-CH 36) 26 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





## Conducted Output Power (802.11ac-CH 36) 39 Mbps

# Conducted Output Power (802.11ac-CH 36) 52 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 1 0 1 of 060          |       |      |            |      |     |                    |





### Conducted Output Power (802.11ac-CH 36) 58.5 Mbps

# Conducted Output Power (802.11ac-CH 36) 65 Mbps



| EUT Type:                                                                                                                                                                                                                   | FCC PT.15.247<br>TEST REPORT      |                                 | FCC CERTIFICATION REPORT       |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------|--------------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No. Date of Issue: Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and FCC ID:   HCTR1306FR25-1 July 30, 2013 Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSUPA Phone with Bluetooth, WLAN and FCC ID: | Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | <br>GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





## Conducted Output Power (802.11ac-CH 36) 78 Mbps

| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |

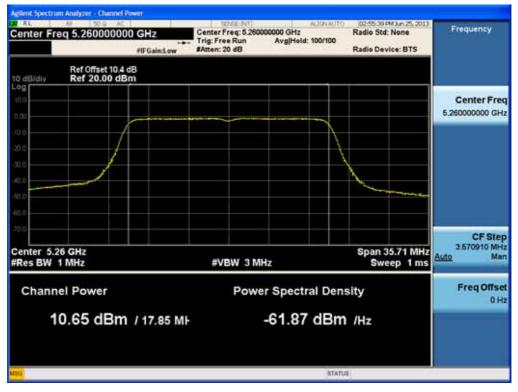


# **RESULT PLOTS (5260 ~ 5320 MHz)**

# Conducted Output Power (802.11ac-CH 52) 6.5 Mbps



### Conducted Output Power (802.11ac-CH 52) 13 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





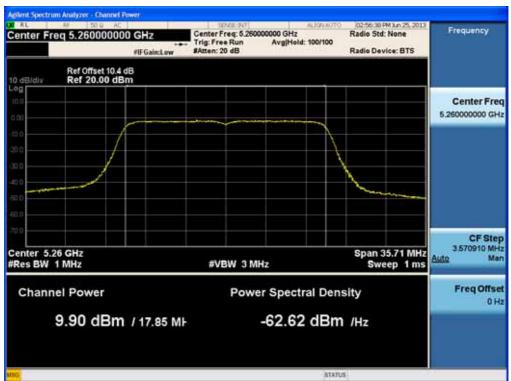
# Conducted Output Power (802.11ac-CH 52) 19.5 Mbps

# Conducted Output Power (802.11ac-CH 52) 26 Mbps



| FCC PT.15.247<br>TEST REPORT |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|                              | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





# Conducted Output Power (802.11ac-CH 52) 39 Mbps

# Conducted Output Power (802.11ac-CH 52) 52 Mbps



| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 1 0 6 of 262          |       |      |            |      |     |                    |





## Conducted Output Power (802.11ac-CH 52) 58.5 Mbps

# Conducted Output Power (802.11ac-CH 52) 65 Mbps



| FCC PT.15.247<br>TEST REPORT |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|                              | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





#### Conducted Output Power (802.11ac-CH 52) 78 Mbps

| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |



# RESULT PLOTS (5500 ~ 5720 MHz)





| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





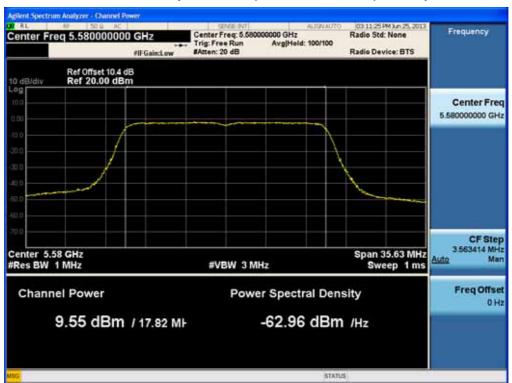
#### Conducted Output Power (802.11ac-CH 116) 13 Mbps

### Conducted Output Power (802.11ac-CH 116) 19.5 Mbps

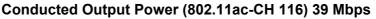


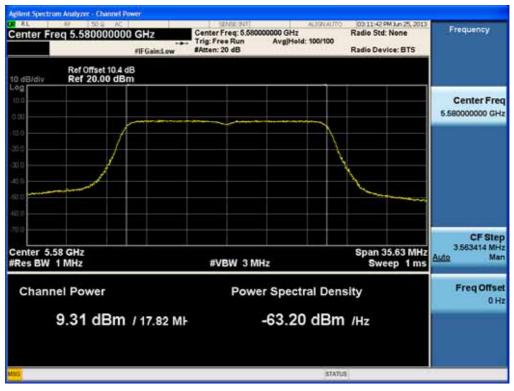
| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Page 1 1 0 of 262          |       |      |            |      |     |                    |





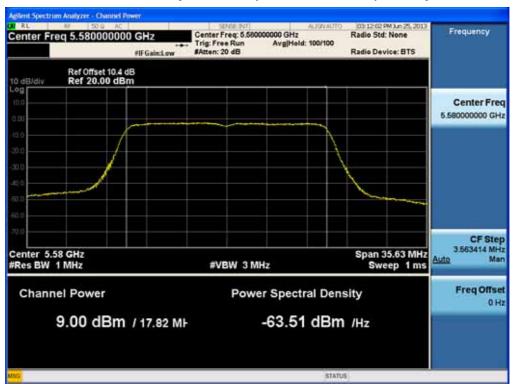
#### Conducted Output Power (802.11ac-CH 116) 26 Mbps





| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





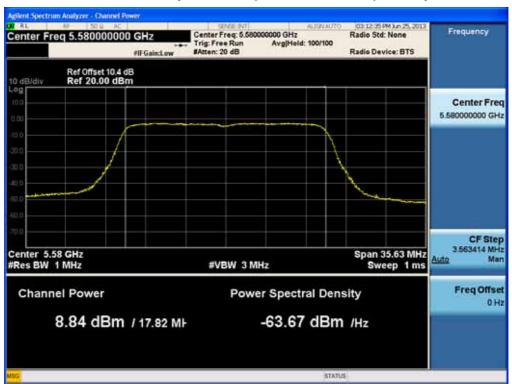
#### Conducted Output Power (802.11ac-CH 116) 52 Mbps

### Conducted Output Power (802.11ac-CH 116) 58.5 Mbps

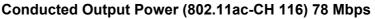


| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dogo 1 1 2 of 262          |       |      |            |      |     |                    |





#### Conducted Output Power (802.11ac-CH 116) 65 Mbps





| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 1 1 2 of 060          |       |      |            |      |     |                    |



**RESULT PLOTS (5190 ~ 5230 MHz)** 



### Conducted Output Power (802.11ac-CH 38) 13.5 Mbps

Conducted Output Power (802.11ac-CH 38) 27 Mbps

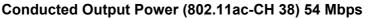


| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





#### Conducted Output Power (802.11ac-CH 38) 40.5 Mbps



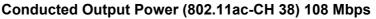


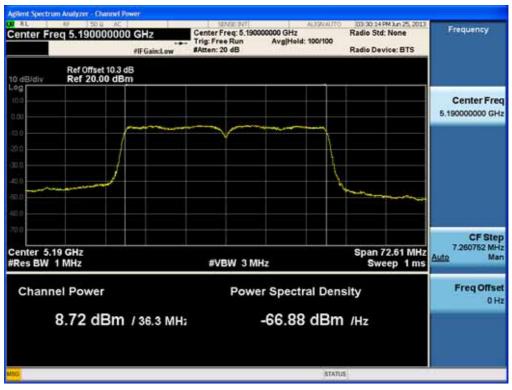
| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





#### Conducted Output Power (802.11ac-CH 38) 81 Mbps



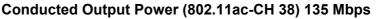


| TEST REPORT |               |                                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-------------|---------------|----------------------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
|             | 30 2013 Celli | <b>JT Type:</b><br>ellular/PCS<br><sup>E</sup> C(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |





#### Conducted Output Power (802.11ac-CH 38) 121.5 Mbps



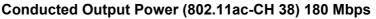


| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 1 1 7 of 262          |       |      |            |      |     |                    |





#### Conducted Output Power (802.11ac-CH 38) 162 Mbps

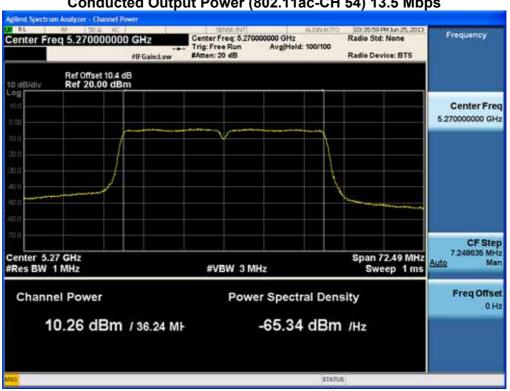




| FCC PT.15.247<br>TEST REPORT      |                                 |                                          | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr      |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|-----|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and | FCC ID:<br>ZNFL01F |
|                                   |                                 |                                          | Dege 1 1 9 of 060          |       |      |            |      |     |                    |



## **RESULT PLOTS (5270 ~ 5310 MHz)**



### Conducted Output Power (802.11ac-CH 54) 13.5 Mbps

Conducted Output Power (802.11ac-CH 54) 27 Mbps

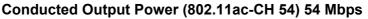


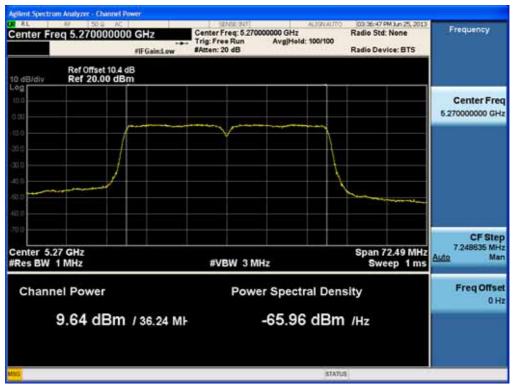
| Test Report No. Date of Issue: EUT Type:                                                                          | FCC PT.15.247<br>TEST REPORT |                  | FCC CERTIFICATION REPORT   |       |      |            |      |     | www.hct.co.kr |
|-------------------------------------------------------------------------------------------------------------------|------------------------------|------------------|----------------------------|-------|------|------------|------|-----|---------------|
| HCTR1306FR25-1 July 30, 2013 Cellular/PCS GSM/GPRS/WCDMA/HSDPA/HSDPA/HSDPA Phone with Bluetooth, WLAN and ZNFL01F |                              | <br>Cellular/PCS | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and |               |





#### Conducted Output Power (802.11ac-CH 54) 40.5 Mbps



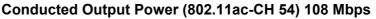


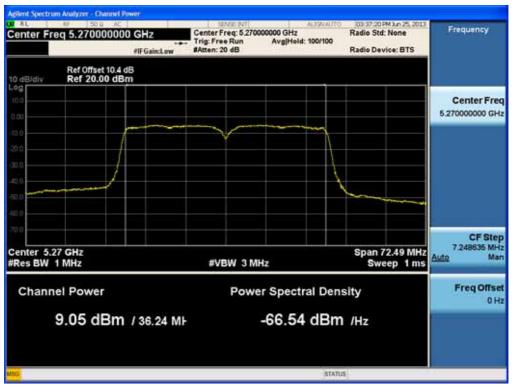
| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT        |                                          |                            |       |      |            |      | www.hct.co.kr |                    |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|---------------|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and           | FCC ID:<br>ZNFL01F |





#### Conducted Output Power (802.11ac-CH 54) 81 Mbps





| FCC PT.15.247<br>TEST REPORT      | FCC CERTIFICATION REPORT        |                                          |                            |       |      |            |      | www.hct.co.kr |                    |
|-----------------------------------|---------------------------------|------------------------------------------|----------------------------|-------|------|------------|------|---------------|--------------------|
| Test Report No.<br>HCTR1306FR25-1 | Date of Issue:<br>July 30, 2013 | EUT Type:<br>Cellular/PCS<br>NFC(Felica) | GSM/GPRS/WCDMA/HSDPA/HSUPA | Phone | with | Bluetooth, | WLAN | and           | FCC ID:<br>ZNFL01F |