



8. TEST PLOTS

FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1305FR14	Date of Issue: May 21, 2013	EUT Type: GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n	FCC ID: ZNFE465G

■ GSM850 MODE (128 CH.) Occupied Bandwidth



■ GSM850 MODE (190 CH.) Occupied Bandwidth



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Test Report No.
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Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM850 MODE (251 CH.) Occupied Bandwidth



■ GSM1900 MODE (512 CH.) Occupied Bandwidth



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HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM1900 MODE (661 CH.) Occupied Bandwidth



■ GSM1900 MODE (810 CH.) Occupied Bandwidth



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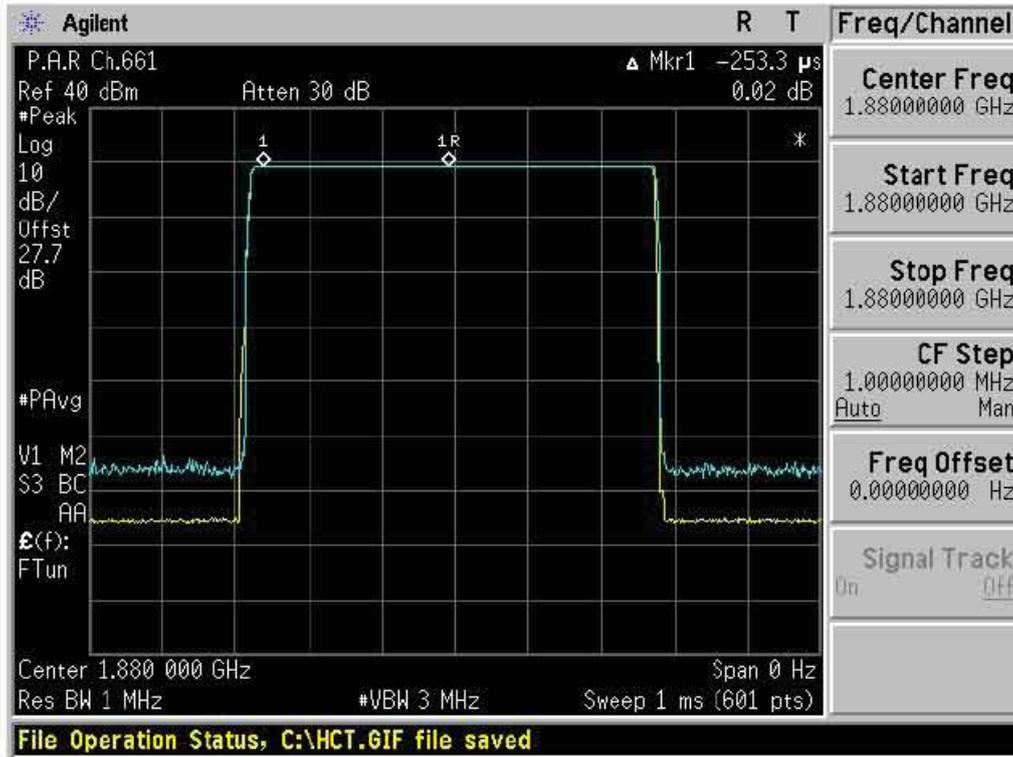
Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM1900 MODE (661 CH.) Peak-to-Average Ratio



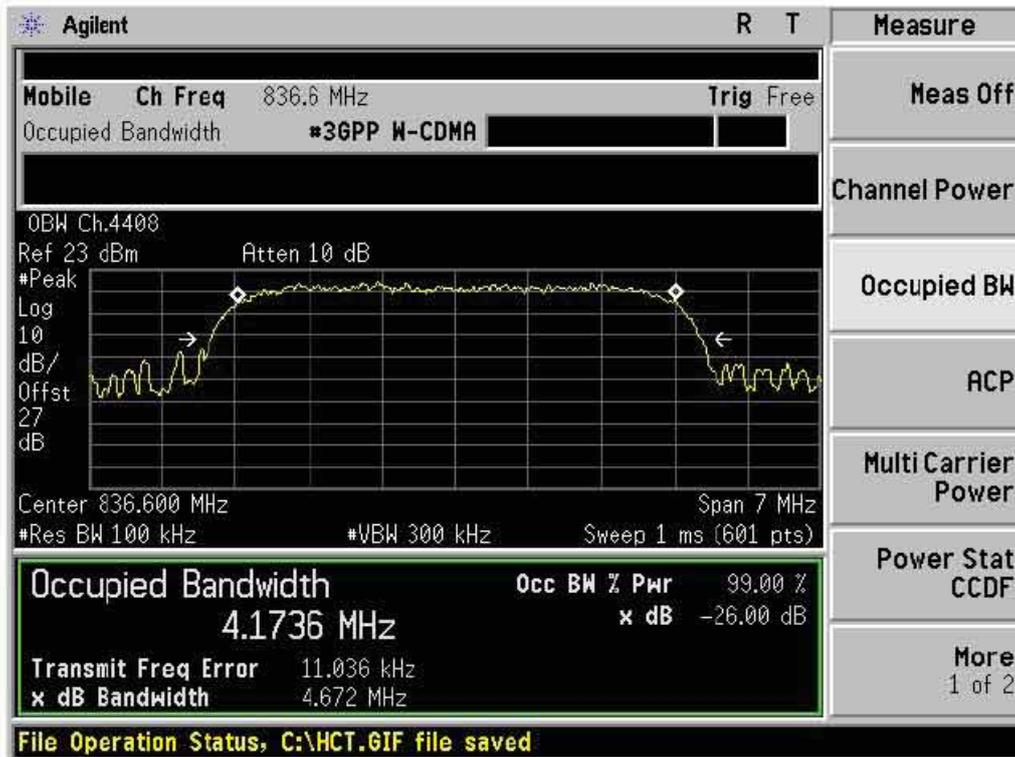
■ WCDMA850 MODE (4132 CH.) Occupied Bandwidth



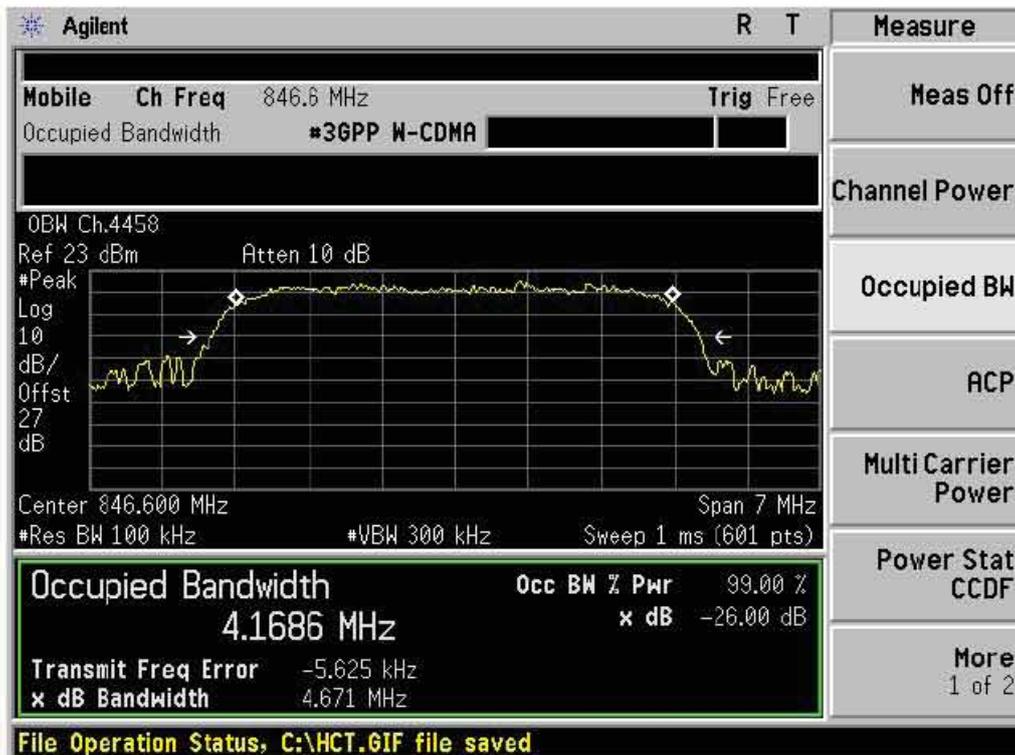
FCC CERTIFICATION REPORT

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Test Report No. HCTR1305FR14	Date of Issue: May 21, 2013	EUT Type: GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n	FCC ID: ZNFE465G

■ WCDMA850 MODE (4183 CH.) Occupied Bandwidth



■ WCDMA850MODE (4233 CH.) Occupied Bandwidth



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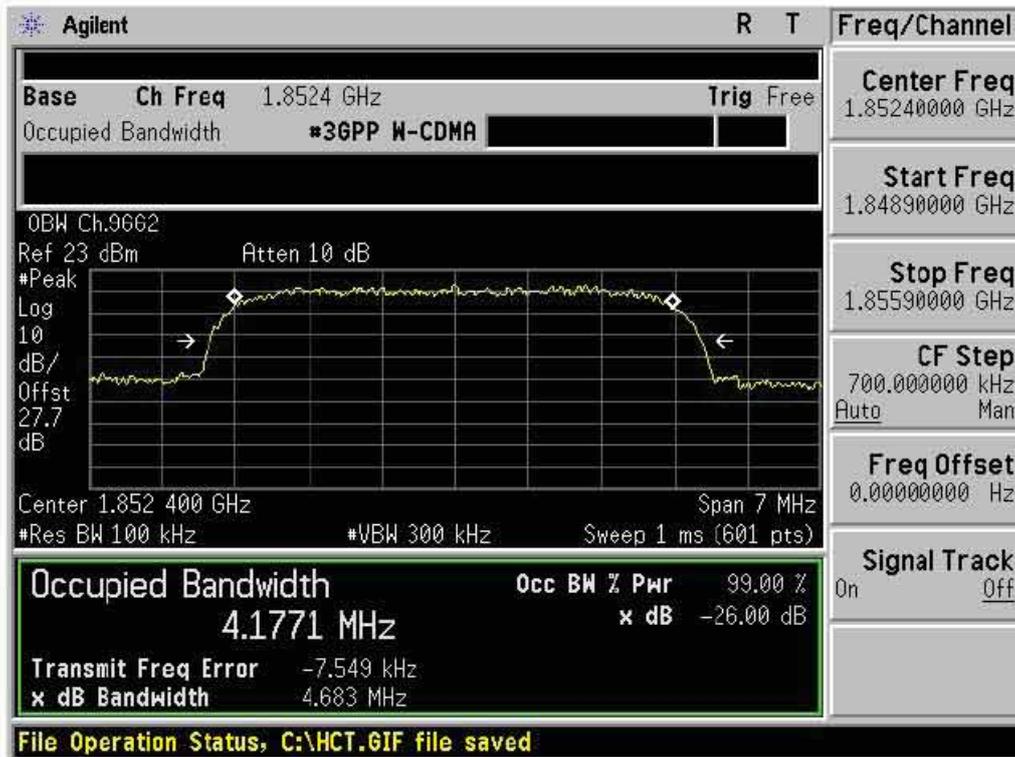
Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ WCDMA1900 MODE (9262 CH.) Occupied Bandwidth



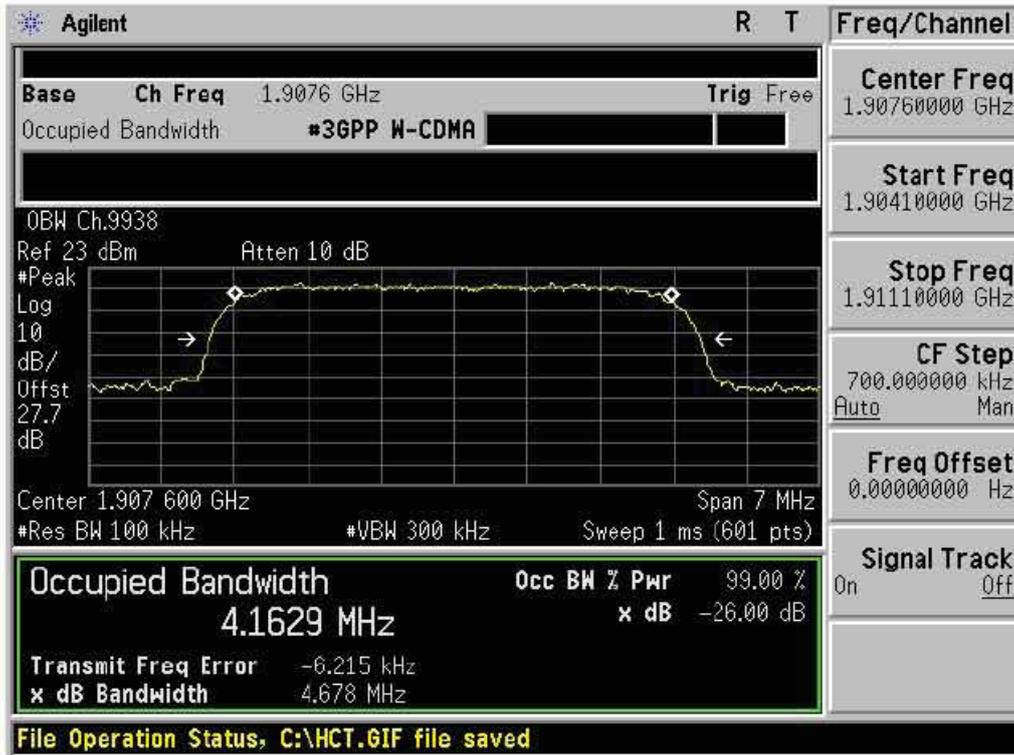
■ WCDMA1900 MODE (9400 CH.) Occupied Bandwidth



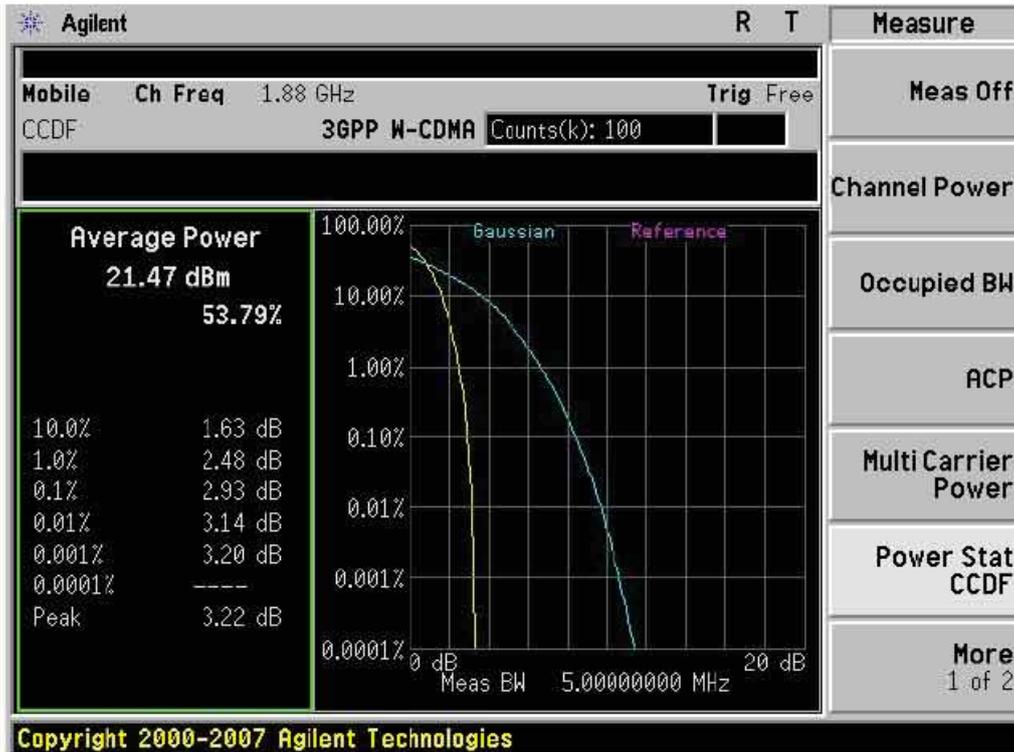
FCC CERTIFICATION REPORT

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Test Report No. HCTR1305FR14	Date of Issue: May 21, 2013	EUT Type: GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n	FCC ID: ZNFE465G

■ WCDMA1900 MODE (9538 CH.) Occupied Bandwidth



■ WCDMA1900 MODE (9400 CH.) Peak-to-Average Ratio



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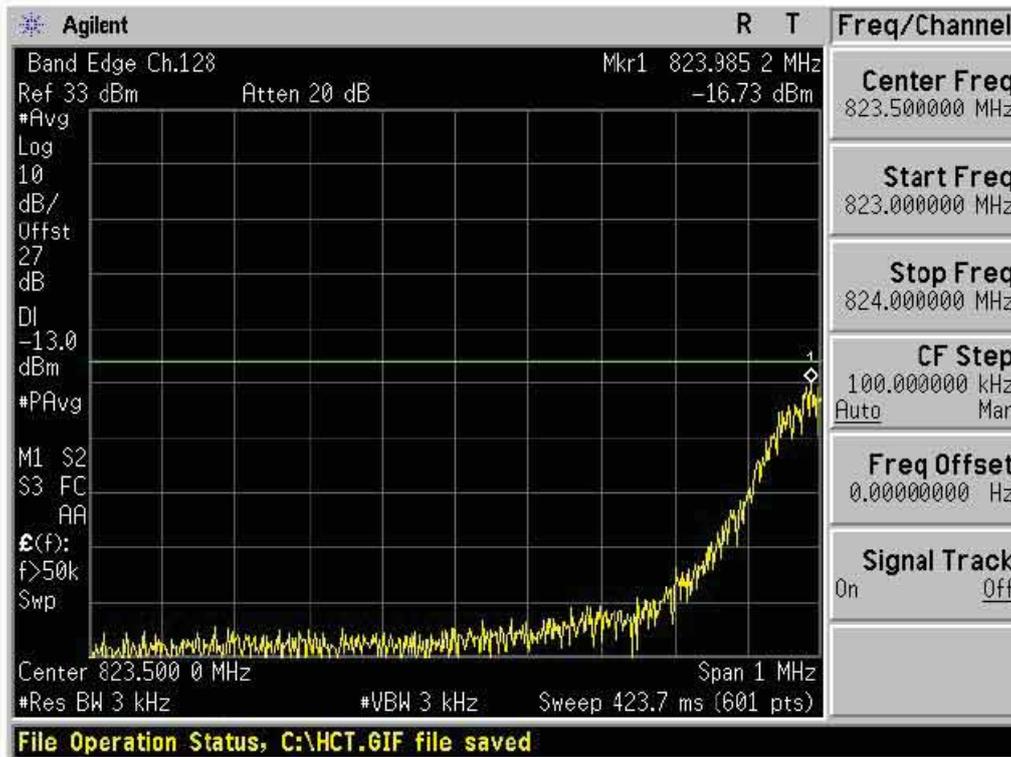
Test Report No.
HCTR1305FR14

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May 21, 2013

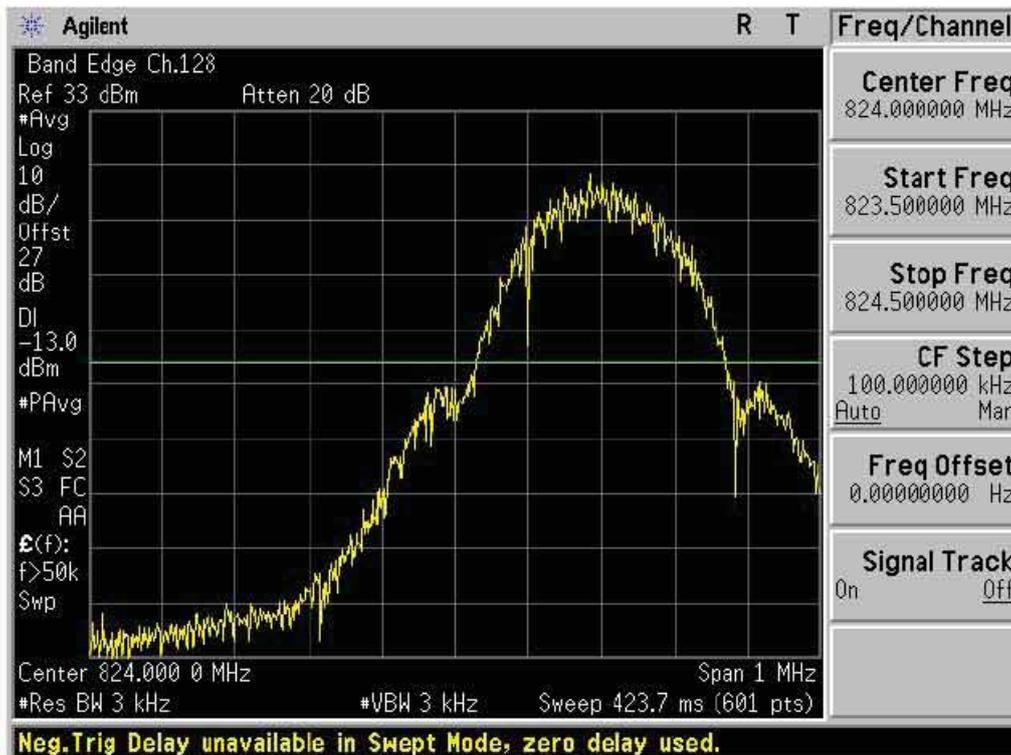
EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM850 MODE (128 CH.) Block Edge 1



■ GSM850 MODE (128 CH.) Block Edge 2



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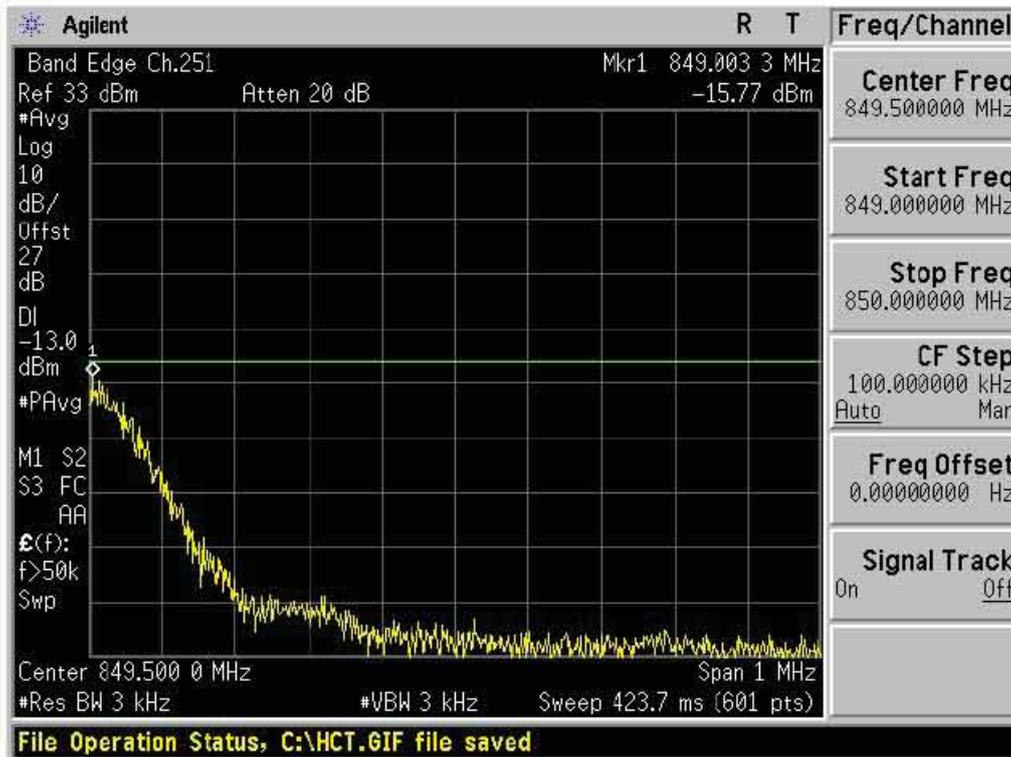
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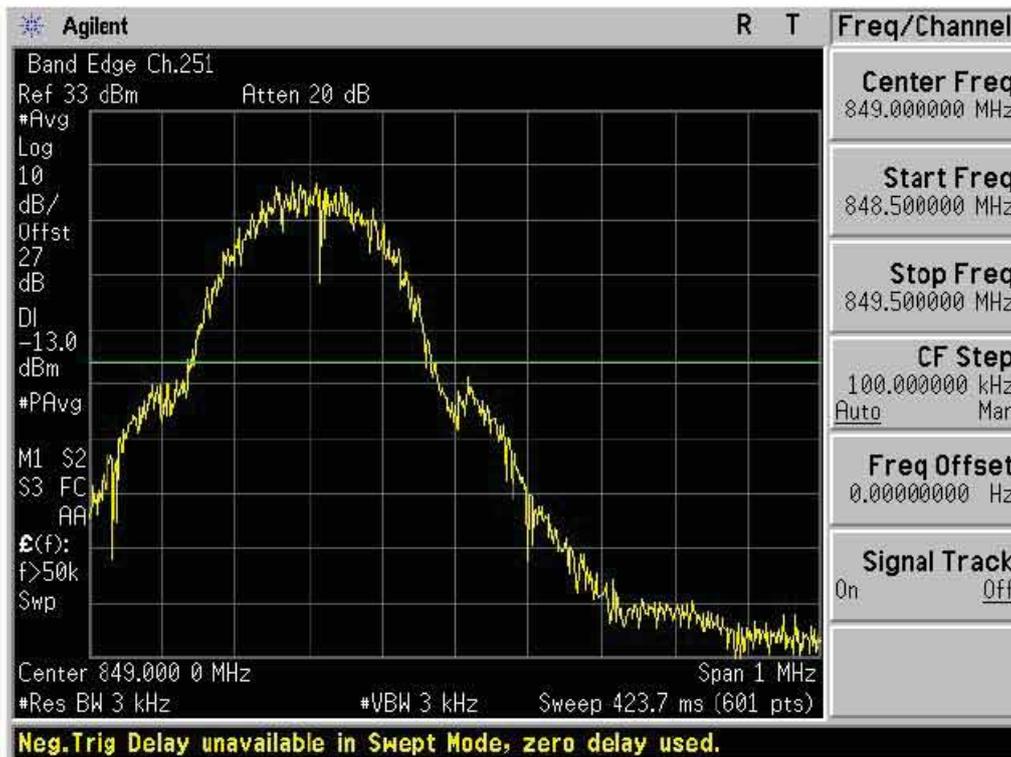
EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM850 MODE (251 CH.) Block Edge 1



■ GSM850 MODE (251 CH.) Block Edge 2



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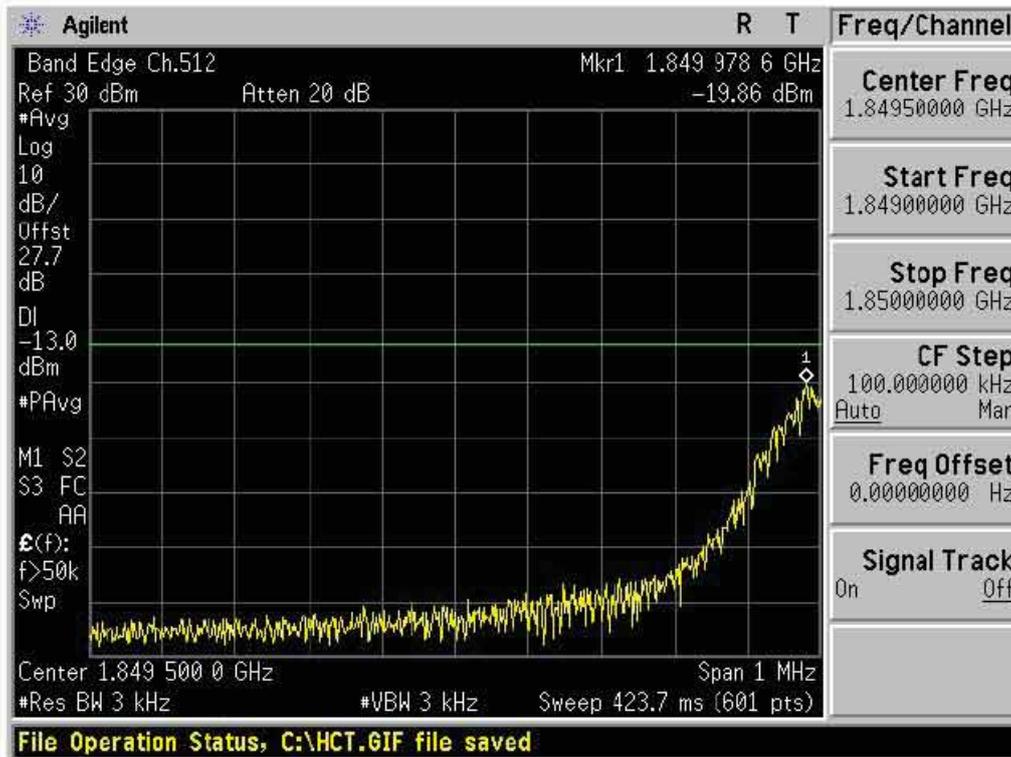
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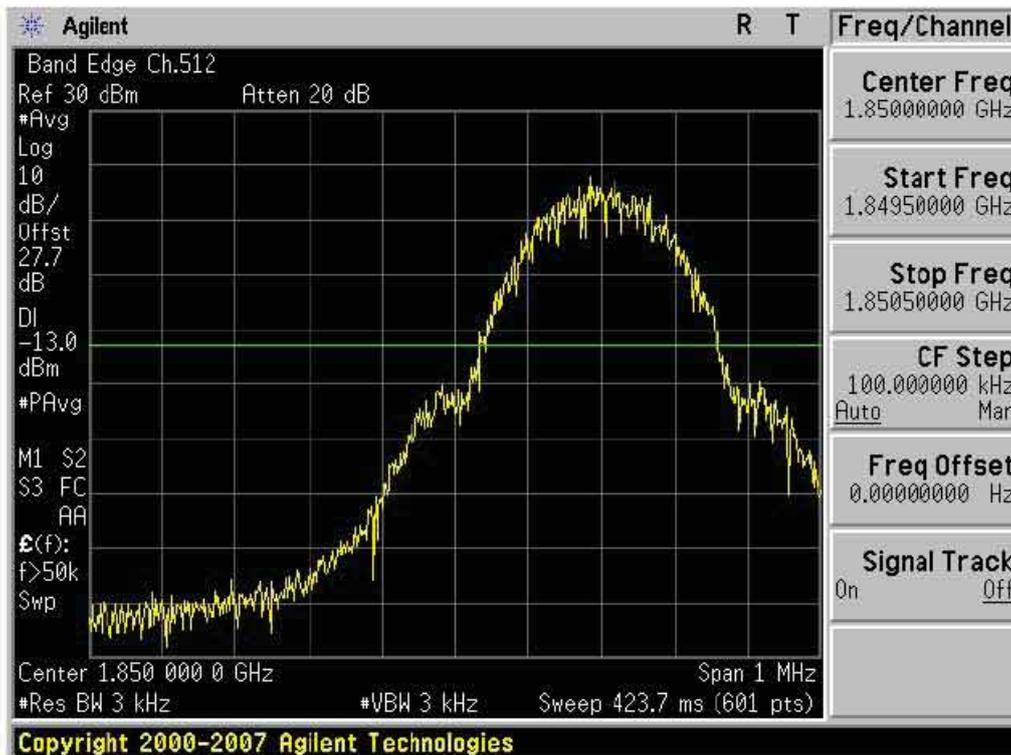
EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM1900 MODE (512 CH.) Block Edge 1



■ GSM1900 MODE (512 CH.) Block Edge 2



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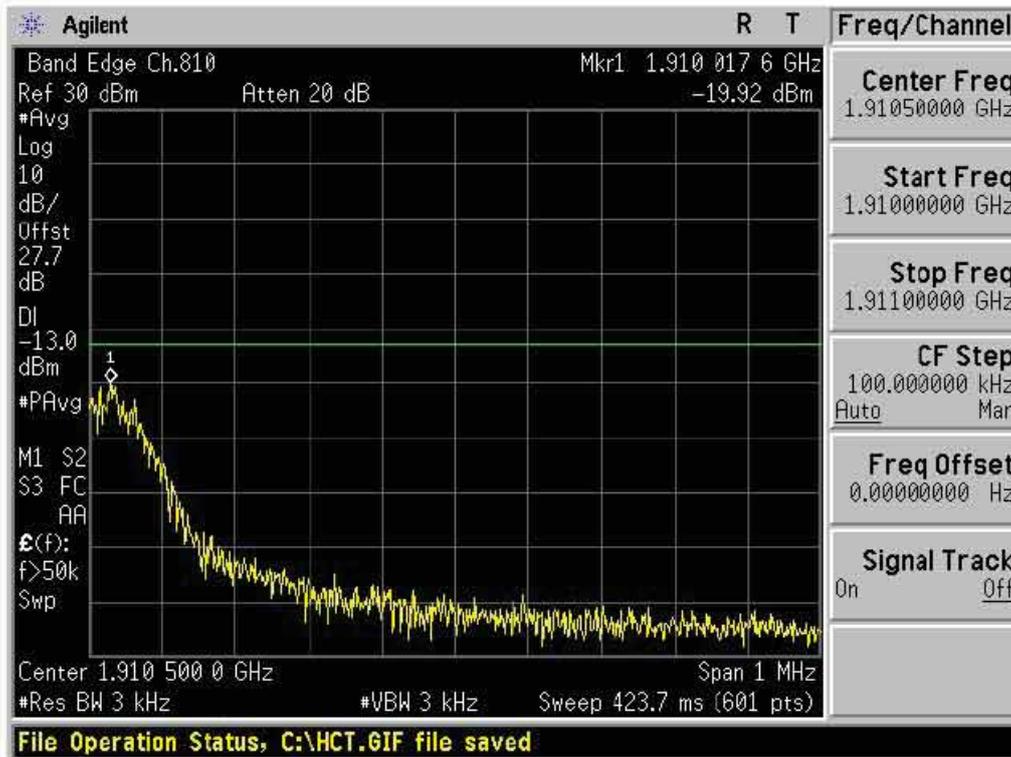
Test Report No.
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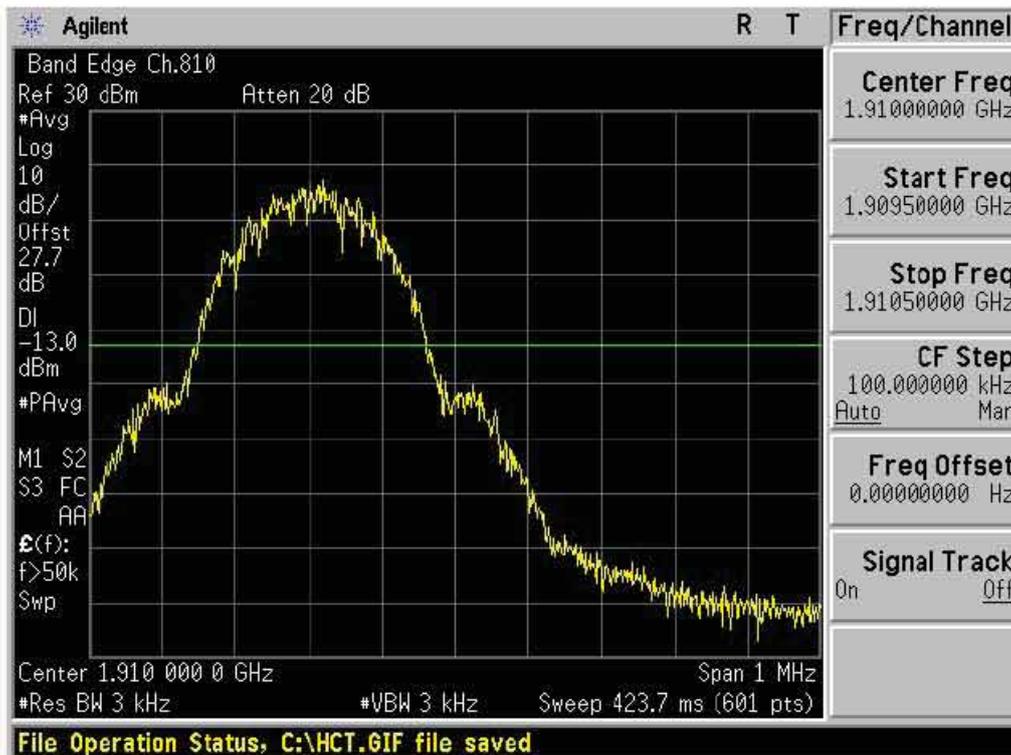
EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM1900 MODE (810 CH.) Block Edge 1



■ GSM1900 MODE (810 CH.) Block Edge 2



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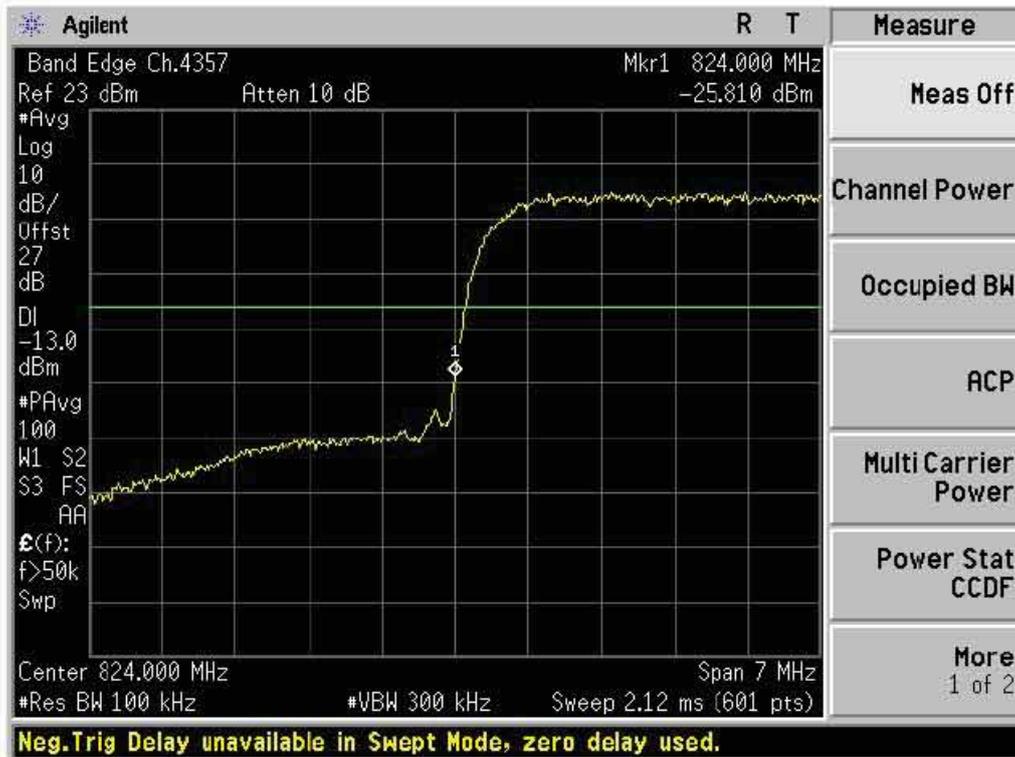
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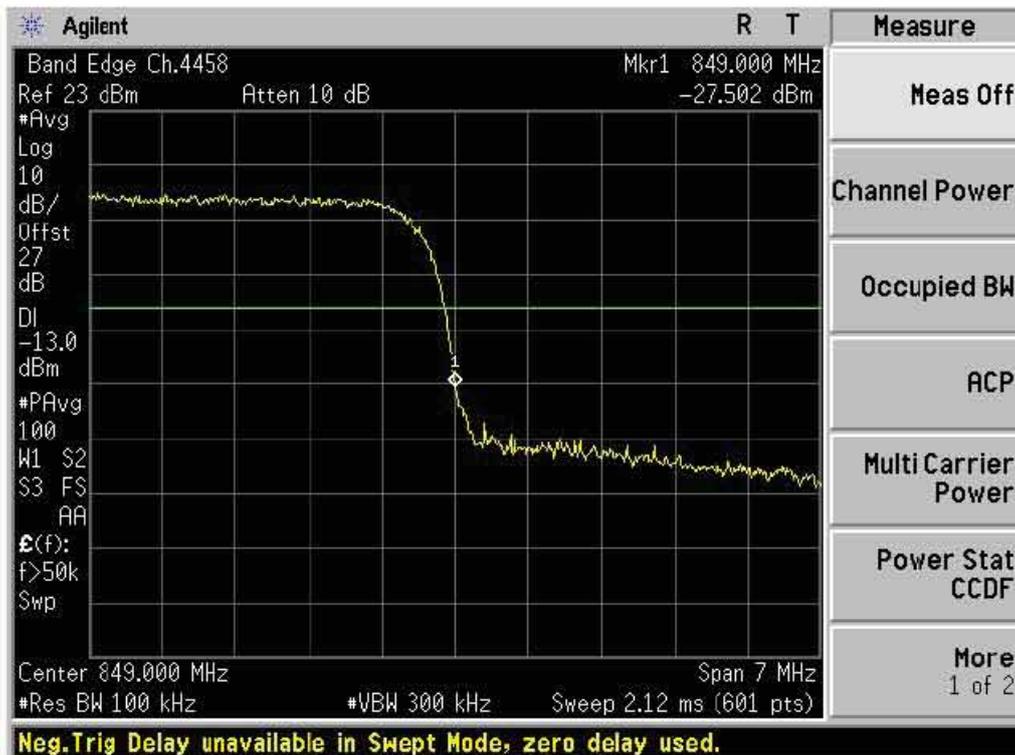
EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ WCDMA850 MODE (4132 CH.) Block Edge



■ WCDMA850MODE (4233 CH.) Block Edge



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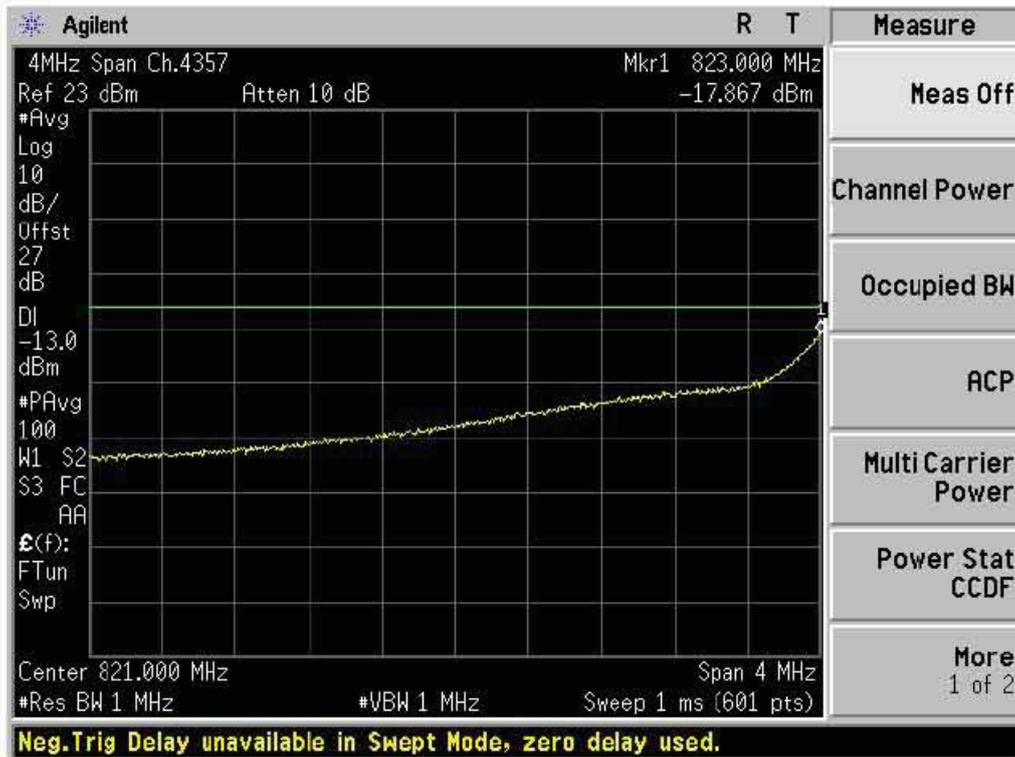
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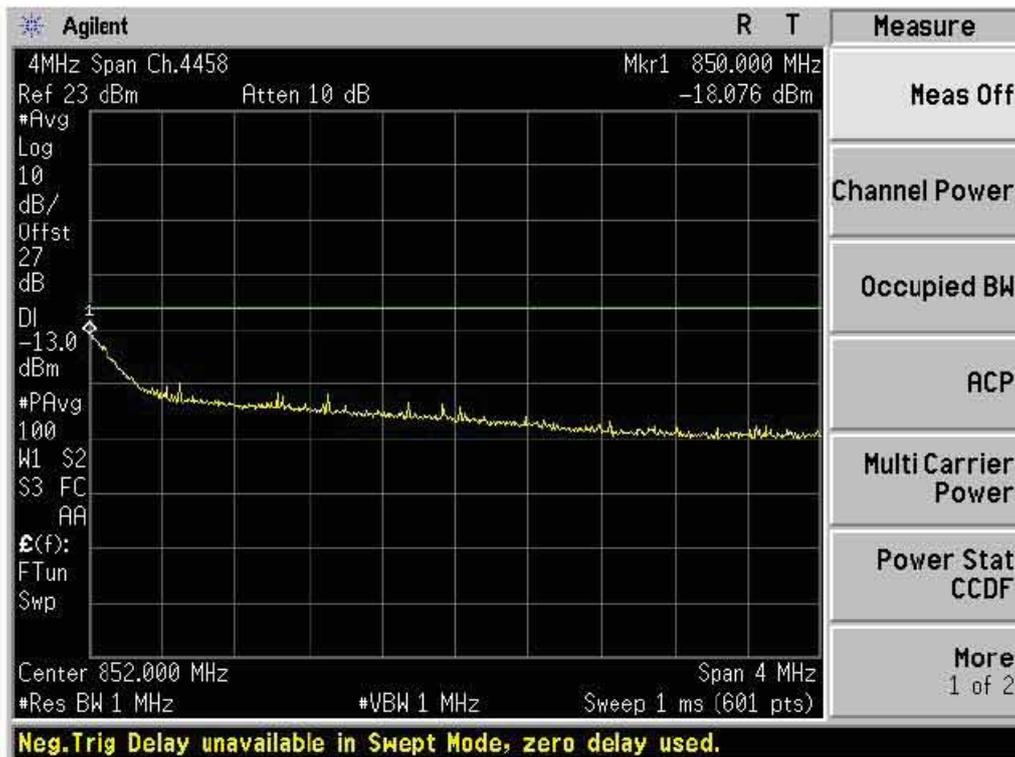
EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIF1802.11 b/g/n

FCC ID:
ZNFE465G

■ WCDMA850 MODE (4132 CH.) – 4 MHz Span



■ WCDMA850MODE (4233 CH.) – 4 MHz Span



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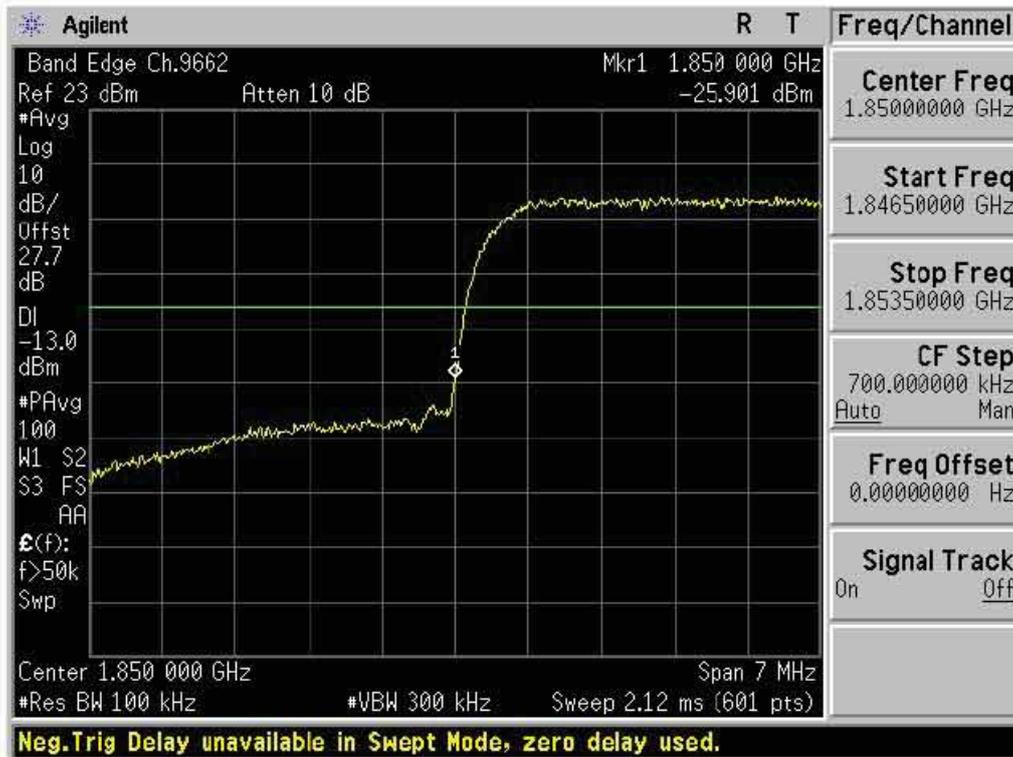
Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ WCDMA1900 MODE (9262 CH.) Block Edge



■ WCDMA1900 MODE (9538 CH.) Block Edge



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May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ WCDMA1900 MODE (9262 CH.) – 4 MHz Span



■ WCDMA1900 MODE (9538 CH.) – 4 MHz Span



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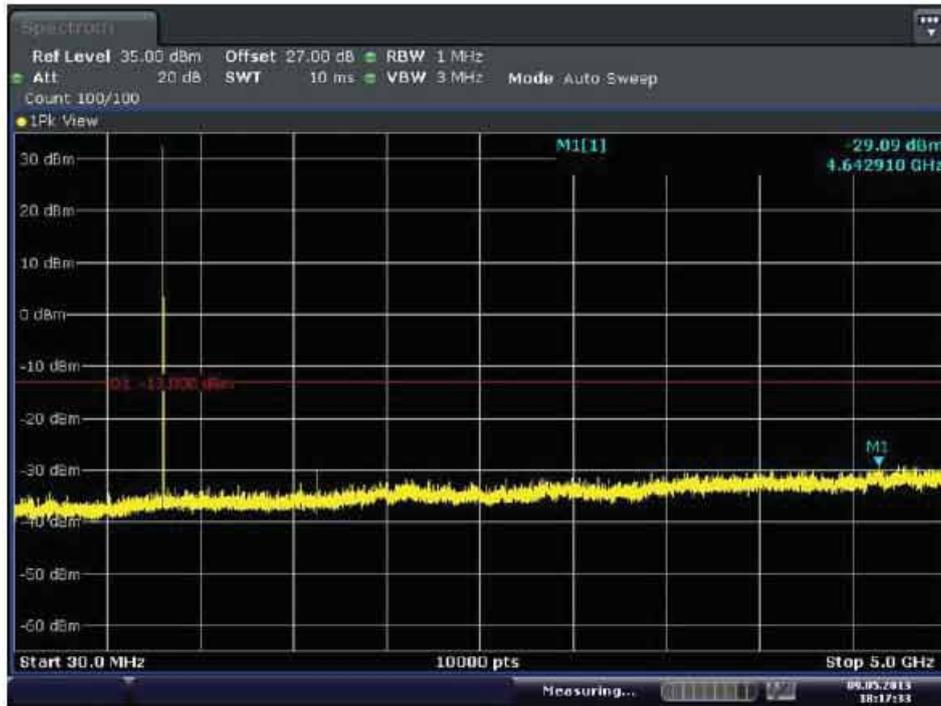
Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM850 MODE (128 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 18:17:33

■ GSM850 MODE (128 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 18:17:49

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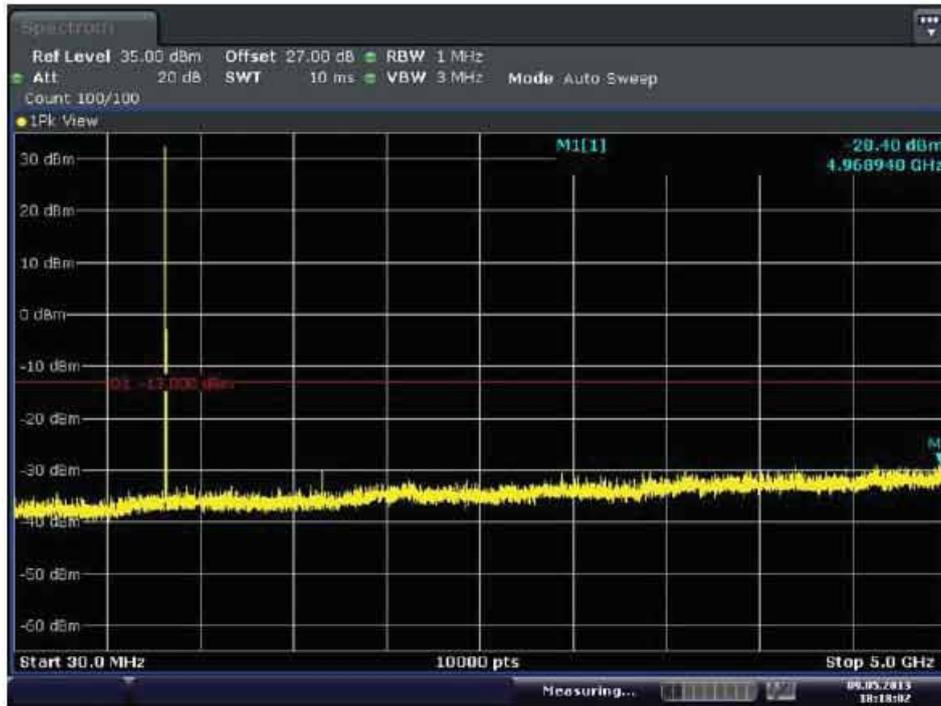
Test Report No.
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EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

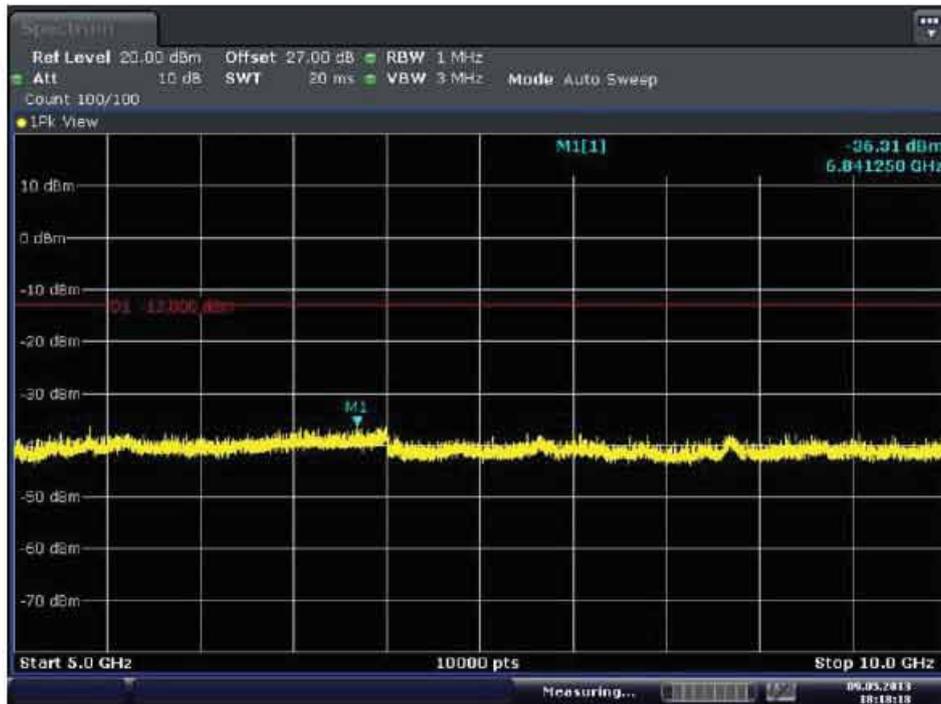
FCC ID:
ZNFE465G

■ GSM850 MODE (190 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 19:18:02

■ GSM850 MODE (190 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 19:18:19

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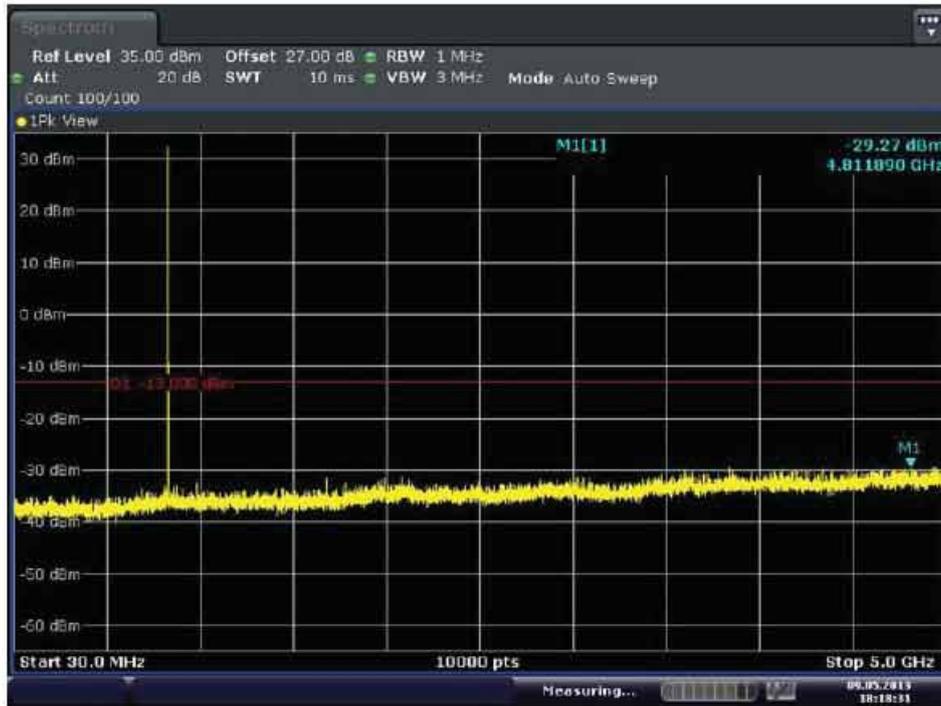
Test Report No.
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May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM850 MODE (251 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 18:18:31

■ GSM850 MODE (251 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 18:18:47

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HCTR1305FR14

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May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ GSM1900 MODE (512 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 18:15:52

■ GSM1900 MODE (512 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 18:16:07

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Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNF465G

■ GSM1900 MODE (661 CH) Conducted Spurious Emissions1



Date: 9.MAY.2013 18:16:24

■ GSM1900 MODE (661 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 18:16:39

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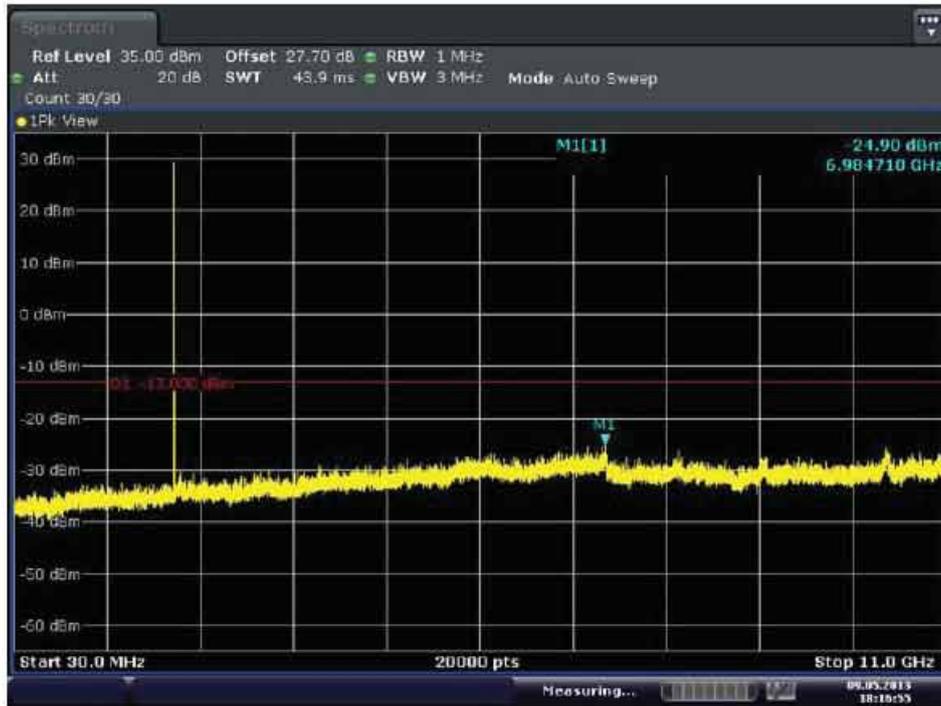
Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNF465G

■ GSM1900 MODE (810 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 19:16:55

■ GSM1900 MODE (810 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 19:17:19

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Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

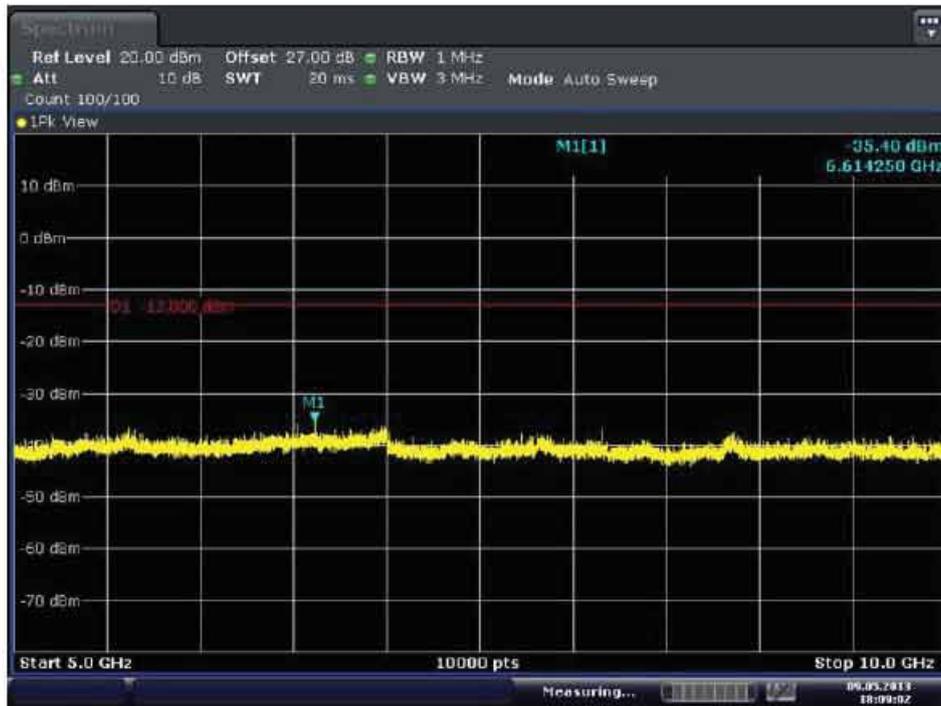
FCC ID:
ZNFE465G

■ WCDMA850 MODE (4132 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 19:08:47

■ WCDMA850 MODE (4132 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 19:09:03

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Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

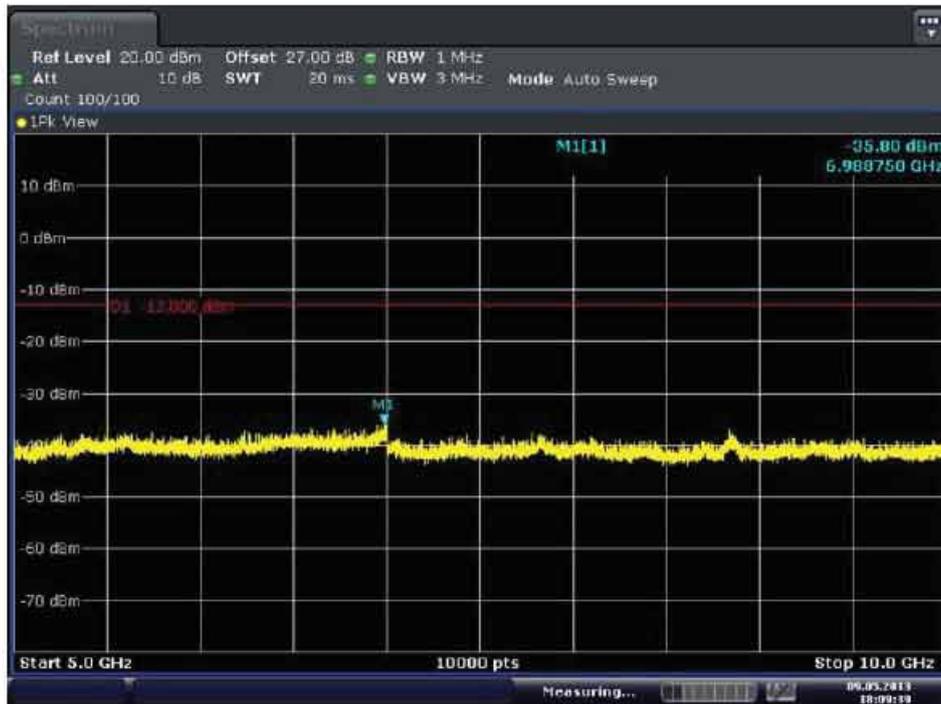
FCC ID:
ZNFE465G

■ WCDMA850 MODE (4183 CH.) Conducted Spurious Emissions1



Date: 0.MAY.2013 18:09:23

■ WCDMA850 MODE (4183 CH.) Conducted Spurious Emissions2



Date: 0.MAY.2013 18:09:39

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www.hct.co.kr

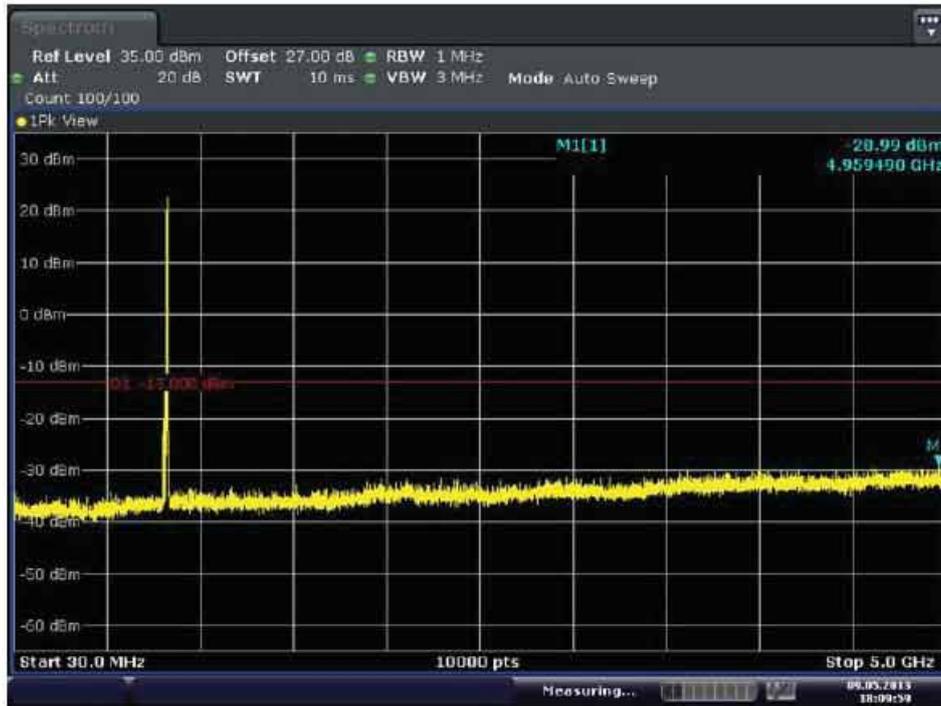
Test Report No.
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EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNFE465G

■ WCDMA850MODE (4233 CH.) Conducted Spurious Emissions1



Date: 0.MAY.2013 18:09:59

■ WCDMA850MODE (4233 CH.) Conducted Spurious Emissions2



Date: 0.MAY.2013 18:10:19

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Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNF465G

■ WCDMA1900 MODE (9262 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 18:13:25

■ WCDMA1900 MODE (9262 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 18:13:40

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Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNF465G

■ WCDMA1900 MODE (9400 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 18:13:57

■ WCDMA1900 MODE (9400 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 18:14:12

FCC CERTIFICATION REPORT

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Test Report No.
HCTR1305FR14

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May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNF465G

■ WCDMA1900 MODE (9538 CH.) Conducted Spurious Emissions1



Date: 9.MAY.2013 18:14:28

■ WCDMA1900 MODE (9538 CH.) Conducted Spurious Emissions2



Date: 9.MAY.2013 18:14:43

FCC CERTIFICATION REPORT

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Test Report No.
HCTR1305FR14

Date of Issue:
May 21, 2013

EUT Type:
GSM/WCDMA Phone with Bluetooth3.0, WIFI802.11 b/g/n

FCC ID:
ZNF465G