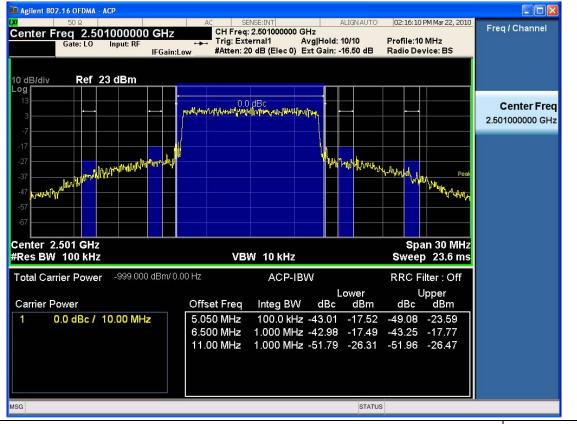


10 MHz

QPSK MODE 1/2 (2501.0 MHz) Channel Edge



QPSK MODE 3/4 (2501.0 MHz) Channel Edge



| | F | CC CERTIFICATION REPORT | www.hct.co.kr |
|-----------------------------------|----------------------------------|-------------------------|---------------------|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 |
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■ 16QAM MODE 1/2 (2501.0 MHz) Channel Edge

■ 16QAM MODE 3/4 (2501.0 MHz) Channel Edge



| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | | | |
|-----------------|--|-------------------------|---------------|--|--|--|--|--|
| Test Report No. | Date of Issue: | EUT Type: | FCC ID: | | | | | |
| HC1R0912FR02-2 | HCTR0912FR02-2 April 05, 2010 USB Modem XHG-U600 | | | | | | | |



Agilent 802.16 OFDMA - ACP 02:17:39 PM Mar 22, 2010 Freq / Channel CH Freq: 2.685000000 GHz Center Freq 2.685000000 GHz Trig: External1 Avg|Hold: 10/10 #Atten: 20 dB (Elec 0) Ext Gain: -16.50 dB Profile 10 MHz Gate: LO Input: RF Radio Device: BS IFGain:Low 10 dB/div Ref 23 dBm Log 0.0 dBc **Center Freq** 2.685000000 GHz www.white where have the WW which they proved " huge the Span 30 MHz Center 2.685 GHz #Res BW 100 kHz VBW 10 kHz Sweep 23.6 ms Total Carrier Power -999.000 dBm/ 0.00 Hz ACP-IBW **RRC Filter : Off** Upper dBc dBm Lower Offset Freq Carrier Power Integ BW dBc dBm 0.0 dBc / 10.00 MHz 5.050 MHz 100.0 kHz -43.97 -18.33 -44.87 -19.24 6.500 MHz 1.000 MHz -42.20 -16.57 -44.04 -18.41 1.000 MHz -51.66 -26.02 -53.07 -27.43 11.00 MHz STATUS MSG

■ QPSK MODE 1/2 (2685.0 MHz) Channel Edge

QPSK MODE 3/4 (2685.0 MHz) Channel Edge



| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | | | |
|-----------------------------------|----------------------------------|-------------------------|---------------------|--|--|--|--|--|
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| | Dogo 56 of 91 | | | | | | | |





■ 16QAM MODE 1/2 (2685.0 MHz) Channel Edge

■ 16QAM MODE 3/4 (2685.0 MHz) Channel Edge



| | F | CC CERTIFICATION REPORT | www.hct.co.kr |
|-----------------------------------|----------------------------------|-------------------------|---------------------|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 |
| | April 05, 2010 | Dogo 57 of 91 | XI16-0000 |



5 MHz

🖬 Agilent Spectrum Analyzer - Swept SA 02:56:13 PM Mar 22, 2010 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N N SENSE:INT .IGN A Frequency PNO: Fast + Trig: Free Run IFGain:Low #Atten: 20 dB Start Freq 30.000000 MHz Avg Type: Log-Pwr Avg|Hold: 10/10 Input: RF Ext Gain: -16.50 dB Mkr1 216.24 MHz -43.543 dBm Auto Tune 10 dB/div Log Ref 23.00 dBm **Center Freq** 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz **CF Step** 97.000000 MHz <u>o</u> Man <u>Auto</u> L.A.Ind whill have an an and the stand with the farm و اسرا ب w the state of the الحياد الم Freq Offset 0 Hz Start 30.0 MHz #Res BW 1.0 MHz Stop 1.0000 GHz Sweep 1.20 ms (1001 pts) #VBW 1.0 MHz STATUS

QPSK MODE 1/2 (2498.5 MHz) Conducted Spurious Emissions1

QPSK MODE 1/2 (2498.5 MHz) Conducted Spurious Emissions2

| | 50 Q | | AC | SE | NSE:INT | | ALIGNAUTO : Log-Pwr | | PM Mar 22, 2010 | Frequency |
|-----------------------|-----------------------|-----------------------|----------------------|--------------------------|---|------------------------|------------------------|-------------------------------------|-----------------------|--|
| tart Fred | 1.2550000 | ut:RF PN | 0: Fast ↔ ain:Low | Trig: Free #Atten: 20 | | Avg Hold: Ext Gain: | 10/10 | TY | | |
| 0 dB/div | Ref 23.00 d | Bm | | | | | Μ | kr1 26.1 -32.8 | 47 GHz 18 dBm | Auto Tune |
| 13.0 | | | | | | | | | | Center Fred 13.877500000 GHz |
| 3.00 | | | | | | | | | | Start Fred 1.255000000 GHz |
| 27.0 | | | | | | | | | -25.00 dBm | Stop Fred 26.500000000 GHz |
| 87.0 | Mahayarda Industrikan | Apphlopphil advesting | pplnmhulle | Pargilit algorith | And a section of the | all provide the second | n front from the | Nutlinde la national de la constant | ger and Aples | CF Step 2.524500000 GHz <u>Auto</u> Man |
| 57.0 | | | | | | | | | | Freq Offset |
| 57.0 | | | | | | | | | | |
| tart 1.26 Res BW 1 | | | #VBW ' | 1.0 MHz | | | Sweep | Stop 2 63.1 ms (| 6.50 GHz 1001 pts) | |
| G | | | | | | | STATU | | | |

| | F | CC CERTIFICATION REPORT | www.hct.co.kr |
|-----------------|----------------|-------------------------|---------------|
| Test Report No. | Date of Issue: | EUT Type: | FCC ID: |
| HCTR0912FR02-2 | April 05, 2010 | USB Modem | XHG-U600 |
| | | D 50 (0) | |



| vept SA | | | | |
|------------|--|---|--|--|
|) MHz | Trig: Free Run | ALIGNAUTO Avg Type: Log-Pwr Avg Hold:>10/10 | 02:56:36 PM Mar 22, 2010 TRACE 1 2 3 4 5 6 TYPE MWWWWW | Frequency |
| IFGain:Low | #Atten: 20 dB | Ext Gain: -16.50 dB | | Auto Tun |
| | | | | Center Fre 515.000000 MH |
| | | | | Start Fre 30.000000 Mi |
| | | | -25.00 dBm | Stop Fr 1.000000000 Gi |
| Marganer | white the state of | and the second state of the second states of the second states of the second states of the second states of the | คามหีนสุนะเมืองกับไห้เป็อมการ | CF St (97.000000 M <u>Auto</u> M |
| | | | | Freq Offs 0 |
| | | | Stop 1.0000 GHz | |
| #VBW | 1.0 MHz | Sweep | 1.20 ms (1001 pts) | |
| | DIMHZ It: RF PN0: Fast IFGain:Low BM JHarran Angel JHarran Angel JHARAN Angel JHARAN JHARAN Angel JHARAN Angel J | DIMHZ Trig: Free Run It: RF PN0: Fast Trig: Free Run JFGain:Low #Atten: 20 dB Bm Image: Stress | Avg Type: Log-Pwr Avg Hold>10/10 Ext Gain: Low Mi Atten: 20 dB Mi Sm Avg Type: Log-Pwr Avg Hold>10/10 Ext Gain: -16.50 dB Mi Sm | MHz It: RF PNO: Fast IFGain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg Hold>10/10 Ext Gain: -16.50 dB Tree Control 10000 GHz Mkr1 914.64 MHz -43.070 dBm |

QPSK MODE 3/4 (2498.5 MHz) Conducted Spurious Emissions1

QPSK MODE 3/4 (2498.5 MHz) Conducted Spurious Emissions2

| 🎾 Agilent Sp | ectrum Analyzer - | Swept SA | | | | | | | | |
|---------------------|--------------------------------------|---------------------|-------------|--------------------------|-----------------|-----------------------|--|--|------------------|--|
| LXI Stort Ere | ^{50 Ω} q 1.255000 | | - A | C SEI | NSE:INT | Δυα Τγ | ALIGNAUTO pe: Log-Pwr | | PM Mar 22, 2010 | Frequency |
| Start Fre | | put: RF F | PNO: Fast | Trig: Free #Atten: 20 | | Avg Ho | | TY | | |
| 10 dB/div Log | Ref 23.00 (| dBm | | | | | M | kr1 25.6 -33.1 | 92 GHz 72 dBm | Auto Tune |
| 13.0 | | | | | | | | | | Center Freq 13.877500000 GHz |
| -7.00 | | | | | | | | | | Start Fred 1.255000000 GHz |
| -17.0 | | | | | | | | | -25.00 dBm | Stop Fred 26.50000000 GHz |
| -37.0 | without and | enter and the state | hphlandetal | ylthan blocket | nehier-tel-hall | and the second second | and all philors of the second se | nhhv _{ert} er newselv ^{en} | A. M. And March | CF Step 2.524500000 GH2 <u>Auto</u> Mar |
| -57.0 | | | | | | | | | | Freq Offse 0 H: |
| -67.0 Start 1.20 | | | | | | | | Stop 2 | 26.50 GHz | |
| #Res BW | 1.0 MHz | | #VBW | 1.0 MHz | | | | | (1001 pts) | |
| MSG | | | | | | | STATU | S | | |

| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | |
|-----------------------------------|---|-------------------------|---------------|--|--|
| Test Report No. HCTR0912FR02-2 | | | | | |
| | | Dage E0 of 01 | | | |



| Acilent Sne | ctrum Analyzer | - Swept SA | | | | | | | | |
|--------------------------------------|------------------------------|------------|---------------------------|----------------|----------------|-------------------|---|-----------------------|--|------------------------------|
| XI | ^{50 Ω} q 30.0000 | 000 MHz | PNO: Fast 😱 | Trig: Free | | Avg Hold: | | TRAC | M Mar 22, 2010 CE 1 2 3 4 5 6 PE M WWWWW ET P N N N N N | Frequency |
| 10 dB/div | Ref 23.00 | | FGain:Low | #Atten: 20 | dB | Ext Gain: | | (r1 212. | 36 MHz 20 dBm | Auto Tune |
| 13.0 | | | | | | | | | | Center Free 515.000000 MH |
| 3.00 | | | | | | | | | | Start Fre 30.000000 M⊦ |
| -17.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GH |
| 37.0 | | •1 | | | . 1 | | | | | CF Ste 97.000000 MH |
| 47.0 <mark>אילאע אייר</mark> 57.0 | www.grabanadr | wernen hat | ,£∐a,İstiluka,iştutsunden | ĸŢŢġġĬſĊĿĿŎĬŢĬ | Wennyloffranor | luunduk mayaya ya | ₩ĸţ _Ħ ₩ŢŢŢ <mark>Ţ</mark> ŢŢŢĿĹŶĮŔŶĬĬĿŢŢ | Kali¶™istensievijakas | uuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuu | Auto Ma Freq Offs 0 H |
| 67.0 | | | | | | | | | | |
| Start 30.0 #Res BW | | | #VBW | 1.0 MHz | | | Sweep ′ | Stop 1.0 1.20 ms (| 0000 GHz 1001 pts) | |
| ISG | | | | | | | STATUS | | | |

16QAM MODE 1/2 (2498.5 MHz) Conducted Spurious Emissions1

16QAM MODE 1/2 (2498.5 MHz) Conducted Spurious Emissions2



| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | |
|-----------------------------------|---|-------------------------|---------------|--|--|--|
| Test Report No. HCTR0912FR02-2 | | | | | | |
| | | Dogo 60 of 91 | | | | |



| Agilent Spectrum | Analyzer - Swent SA | | | | | | | | |
|--|---------------------|----------------------|---------------------|---------------|-----------|----------|-----------------------|---|---|
| X 50 : | | PNO: Fast 😱 | Trig: Free | | Avg Hold: | | TRAC | M Mar 22, 2010 E <mark>1</mark> 2 3 4 5 6 E M WWWWW T P N N N N N | Frequency |
| | f 23.00 dBm | IFGain:Low | #Atten: 20 | dB | Ext Gain: | | kr1 638. | | Auto Tune |
| 13.0 | | | | | | | | | Center Fre 515.000000 MH |
| -7.00 | | | | | | | | | Start Fre 30.000000 MH |
| -17.0 | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GH |
| -37.0 | Martin | جرجاريد مرياس وتناطط | And I rain the last | and more that | 1 | the form | Madrier Johnson | unturnation | CF Ste 97.000000 M⊦ <u>Auto</u> Ma |
| 57.0 | | | | | | | | | Freq Offs₀ 0 ⊦ |
| -67.0 Start 30.0 MH: #Res BW 1.0 I | | #\/D\\/ | 1.0 MHz | | | Swoop | Stop 1.0 1.20 ms (| 0000 GHz | |
| FRES DW 1.01 | WI112 | #VDVV | | | | Sweep | | ioo i pis) | |

16QAM MODE 3/4 (2498.5 MHz) Conducted Spurious Emissions1

16QAM MODE 3/4 (2498.5 MHz) Conducted Spurious Emissions2

| DAgilent Spect | rum Analyzer - Swept | SA | | | | |
|------------------------------|--|-----------|--|---|--|--|
| <mark>w</mark> Start Freq | 50 Ω 1.255000000 Input: RF | | SENSE:INT Trig: Free Run #Atten: 20 dB | ALIGNAU Avg Type: Log-P Avg Hold: 10/10 Ext Gain: -16.50 d | Wr TRACE 123456 TYPE MWWWWW | Frequency |
| 10 dB/div | Ref 23.00 dBm | IFGam:Luw | PAttern 20 VID | | Mkr1 24.543 GHz -33.561 dBm | Auto Tune |
| 13.0 | | | | | * | Center Fred 13.877500000 GHz |
| -7.00 | | | | | | Start Fred 1.255000000 GH: |
| -17.0 | | | | | -25.00 dBm | Stop Fred 26.500000000 GH: |
| -37.0 | weeken market and a starter an | L | Arroward Analysiand | Hallow Marthan Martha | charlow and the short of the sh | CF Step 2.524500000 GH <u>Auto</u> Mar |
| -57.0 | | | | | | Freq Offse 0 H |
| Start 1.26 (#Res BW 1 | | #VBW | 1.0 MHz | Swee | Stop 26.50 GHz p 63.1 ms (1001 pts) | |
| <mark>//SG</mark> | | | | ST | ATUS | |

| | FC | C CERTIFICATION REPORT | www.hct.co.kr | | | | | |
|-----------------------------------|----------------------------------|----------------------------|---------------|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | FCC ID: XHG-U600 | | | | | | |
| | | | | | | | | |



| Agilent Spectrum Analyzer - Sv 50 Ω Start Freq 30.000000 | | C SENSE:INT | ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>10/10 | 02:58:11 PM Mar 22, 2010 TRACE 2 3 4 5 6 TYPE MWWWWWW DET P N N N N N | Frequency |
|---|--|---------------|--|--|---|
| 10 dB/div Ref 23.00 d | IFGain:Low | #Atten: 20 dB | Ext Gain: -16.50 dB | r1 754.59 MHz -42.841 dBm | Auto Tun |
| 13.0 | | | | | Center Fre 515.000000 MH |
| 7.00 | | | | | Start Fre 30.000000 MH |
| 27.0 | | | | -25.00 dBm | Stop Fre 1.000000000 GH |
| 37.0 | للرامغا مهندايين وليرسين معداليد مرسعه | د | underwithen here and | all blend salager agen Ald Assassed by | CF Ste 97.000000 MI <u>Auto</u> Mi |
| 57.0 | | | | | Freq Offs 01 |
| 67.0 Start 30.0 MHz | | | | Stop 1.0000 GHz | |
| Res BW 1.0 MHz sg | #VBW | 1.0 MHz | Sweep status | 1.20 ms (1001 pts) | |

QPSK MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions1

QPSK MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions2

| 💴 Agilent Spe | ctrum Analyzer - Swe | pt SA | | | | | |
|---------------------|--|-------------------------------------|---------------------------------|----------------|----------------------------|---|--|
| Kort Ero | ^{50 Ω} q 1.00000000 | | .C SENSE:INT | Ανα Τγρ | ALIGN AUTO | 02:51:43 PM Mar 22, 2010 TRACE 1 2 3 4 5 6 | |
| | G I.OOOOOOOO | | Trig: Free Run #Atten: 20 dB | AvgHold | | | |
| 10 dB/div Log | Ref 23.00 dB | m | | | M | kr1 25.735 GHz -33.182 dBm | Auto Tune |
| 13.0 | | | | | | | Center Fred 13.750000000 GH |
| 3.00 | | | | | | | Start Fred 1.000000000 GH: |
| -17.0 | | | | | | -25.00 dBm | Stop Free 26.500000000 GH |
| -37.0 | water when when the state of th | anna al taile ta an an taine an ann | furtual and the standard | Monauthantalah | hadyershine and the second | aline with which a work and a here | CF Step 2.550000000 GH <u>Auto</u> Mar |
| -57.0 | | | | | | | Freq Offse 0 H |
| -67.0 Start 1.00 | | | | | | Stop 26.50 GHz | |
| #Res BW | 1.0 MHz | #VBW | 1.0 MHz | | | 63.8 ms (1001 pts) | |
| ISG | | | | | STATUS | | |

| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | | | | |
|-----------------------------------|----------------------------------|-------------------------|---------------|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | FCC ID: XHG-U600 | | | | | | | |
| | | | | | | | | | |



| Agilent Spectrum Analyzer - S | Swept SA | | | | |
|--|---|----------------------------|--|--|--|
| 50 Ω tart Freq 30.00000 | OMHZ out: RF PNO: Fast G | AC SENSE:INT | ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>10/10 | 02:57:47 PM Mar 22, 2010 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N N | Frequency |
| 0 dB/div Ref 23.00 c | IFGain:Low IBm | #Atten: 20 dB | Ext Gain: -16.50 dB | r1 792.42 MHz -42.864 dBm | Auto Tune |
| 13.0 | | | | | Center Fre 515.000000 MH |
| 7.00 | | | | | Start Fre 30.000000 M⊦ |
| 27.0 | | | | -25.00 dBm | Stop Fre 1.000000000 G⊦ |
| 37.0 47.0 <mark>Парадельна и приблатрибла</mark> та | Joner Jahan Jahang Jahang Jahang Jahan Ja | Hellow makes and the state | 10-mythore these first get the rules | 1 | CF Ste 97.000000 Mi <u>Auto</u> Ma |
| 57.0 | | | | | Freq Offs 0 F |
| start 30.0 MHz | | | | Stop 1.0000 GHz | |
| Res BW 1.0 MHz | #VBV | V 1.0 MHz | Sweep 7 | 1.20 ms (1001 pts) | |

QPSK MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions1

QPSK MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions2

| 🎵 Agilent Spe | ctrum Analyzer - Swept S | l . | | | | |
|------------------------------|-----------------------------|--------------------------|-----------------------------|---|--|---------------------------|
| <mark>XI</mark> Start Ere | 50 Ω q 1.000000000 | AC GH7 | SENSE:INT | ALIGN AUTO | TRACE 123456 | Frequency |
| | Input: RF | PNO: Fast ↔ Tri | ig: Free Run tten: 20 dB | Avg Hold: 10/10 Ext Gain: -16.50 dB | TYPE MWWWWW DET PNNNN | Auto Tune |
| 10 dB/div Log | Ref 23.00 dBm | | | N | 1kr1 24.919 GHz -32.804 dBm | AutoTune |
| | | | | | | Center Free |
| 13.0 | | | | | | 13.750000000 GH: |
| 3.00 | | | | | | Start Free |
| -7.00 | | | | | | 1.000000000 GH; |
| -17.0 | | | | | | Stop Free |
| -27.0 | | | | | -25.00 dBm | 26.50000000 GH |
| <u></u> | | | | | No of a Manager | CF Ster |
| -37.0 | Wash weber ward and we have | Lungell or or the prover | www.howwellawer | hadron to page hallow from a grapher atting | H. P. D. B. C. | 2.550000000 GH Auto Ma |
| -47.0 | | | | | | |
| -57.0 | | | | | | Freq Offse |
| -67.0 | | | | | | |
| | | | | | | |
| Start 1.00 #Res BW | | #VBW 1.0 | MHz | Sweep | Stop 26.50 GHz 63.8 ms (1001 pts) | |
| MSG | | | | STAT | US | |

| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | | |
|-----------------------------------|----------------------------------|-------------------------|----------------------------|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | |
| | | | | | | | |



| Agilent Spec | trum Analyzer - | Swept SA | | | | | | | | |
|------------------------------|---------------------------------|---------------|-------------------------|----------------|---------------|---------|--|-------------------|---|--|
| Start Fred | 50 Ω 1 30.00000 In | put: RF P | ANO: Fast 🖵 Gain:Low | | | AvgHold | ALIGN AUTO e: Log-Pwr :>10/10 : -16.50 dB | TRAC TY | PM Mar 22, 2010 CE 1 2 3 4 5 6 PE M WWWWW ET P N N N N N | Frequency |
| 0 dB/div | Ref 23.00 | | | Fritten. 20 | | Ext Out | | kr1 750. -42.2 | 71 MHz 76 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 515.000000 MH |
| 3.00 7.00 | | | | | | | | | | Start Fre 30.000000 M⊦ |
| 17.0 27.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 G⊦ |
| 37.0 | Jand on a family berefiled with | and along the | a parai tinaka haulina | al-an-authorfu | n Aleba Maria | | 1- | Wichmolowitypet | hungen in the second second | CF Ste 97.000000 MH <u>Auto</u> Ma |
| 57.0 | | | | | | | | | | Freq Offs 0 F |
| atart 30.0 | | | #)(D)0 | 1.0 MHz | | | Swoon | Stop 1.0 | 0000 GHz 1001 pts) | |
| | | | #VDVV | | | | Sweep | | roor pis) | |

16QAM MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions1

■ 16QAM MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions2

| | ctrum Analyzer - S | Swept SA | | | | | | | | |
|-----------------------------|--------------------------|--------------|---|---------|--------|--|---|--|---|---|
| <mark>x</mark> Start Fre | 50 Ω q 1.000000 In | out: RF | | | | AvgiHo | ALIGN AUTO ype: Log-Pwr bld: 10/10 in: -16.50 dB | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 PE M WWWWW T P N N N N N | Frequency |
| 10 dB/div | Ref 23.00 d | | Gam.Low | | | | | kr1 25.9 -32.7 | 90 GHz 86 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 13.750000000 G⊢ |
| 7.00 | | | | | | | | | | Start Fre 1.000000000 GF |
| 27.0 | | | | | | | | | -25.00 dBm | Stop Fro 26.50000000 GI |
| 87.0 17.0 militar | muninder | muline and a | du ha ha ha a ha a ha a ha ha ha ha ha ha | ₩₩₩₩₩₩₩ | www.hy | a the state of the | Angla Market | Charlow Charles and Charles an | What yell not man | CF Ste 2.55000000 GF <u>Auto</u> Ma |
| 7.0 | | | | | | | | | | Freq Offs 01 |
| start 1.00 | GHz 1.0 MHz | | #VBW | 1.0 MHz | | | Sweep | Stop 2 63.8 m <u>s (</u> | 6.50 GHz 1001 pts) | |
| G | | | | | | | STATUS | | | |

| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | | | |
|-----------------------------------|---------------------|-------------------------|---------------|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | FCC ID: XHG-U600 | | | | | | | |
| Dogo 64 of 91 | | | | | | | | |



| Start Free 30.0000000 Minz Trig: Free Run Argi type: 50 get win Trig: Type: Gain: 40.000000 Type: Market with type: 50 get win Argi type: 50 get win< | 🛙 Agilent Spec | ctrum Analyzer | - Swept SA | | | | | | | | |
|---|----------------|--|--------------------------|---|-------------------|-----------------|------------------------|----------------------|-------------------|--------------------|--|
| Mkr1 833.16 MHz -42.751 dBm Auto 1 10 dB/div Ref 23.00 dBm Center 515.00000 300 Image: Start 1 Image: Start 1 300 Image: Start 1 Image: Start 1 700 Image: Start 1 Image: Start 1 701 Image: Start 1 Image: Start 1 702 Image: Start 1 Image: Start 1 703 Image: Start 1 Image: Start 1 704 Image: Start 1 Image: Start 1 705 Image: Start 1 Image: Start 1 706 Image: Start 1 Image: Start | | q 30.0000 | Input: RF | PNO: Fast 😱 | Trig: Free | Run | Avg Hold: | e: Log-Pwr >10/10 | TRAC TY | E 123456 MWWWWW | Frequency |
| 130 Image: Start Star Start Star | 10 dB/div | Ref 23.00 | | -Gain:Low | #Atten. 20 | | Ext Gam. | | kr1 833. -42.7 | 16 MHz 51 dBm | Auto Tuno |
| 7.00 Start 17.0 2500 cm 17.0 2500 cm 17.0 2500 cm 17.0 2500 cm 10 100000000 1000000000 100000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 1000000000 100000000 1000000000 100000000 1000000000 100000000 1000000000 100000000 1000000000 100000000 1000000000 100000000 1000000000 100000000 1000000000 100000000 1000000000 100000000 10000000000 100000000 1000000000000 1000000000 100000000000000 1000000000 10000000000000 | | | | | | | | | | | Center Fre 515.000000 MH |
| 27.0 | | | | | | | | | | | Start Fre 30.000000 MH |
| .47.0 | | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GH |
| 57.0 Freq O 67.0 Start 30.0 MHz Stop 1.0000 GHz | | 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | Photo half Labora - 1 /a | Referance de la companya de la compa | والدارية والمراجع | unden solden so | ก กละว่านะ เทศ/11/4/14 | 1 | | anayuutunya | CF Ste 97.000000 M⊢ <u>Auto</u> Ma |
| Start 30.0 MHz Stop 1.0000 GHz | | | | | | | | | | | FreqOffse 0⊦ |
| #Pec BM 1.0 MHz #VBM 1.0 MHz Sween 1.20 ms (1001 ptc) | | MHz | | | | | | | Stop 1.0 | 0000 GHz | |
| | | | | #VBW | 1.0 MHz | | | Sweep | 1.20 ms (| 1001 pts) | |

16QAM MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions1

16QAM MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions2

| Agilent Spe | <mark>ctrum Analyzer</mark> - 50 Ω | Swept SA | Δ | C 000 | NSE:INT | | ALIGN AUTO | 02-52-12 0 | M Mar 22, 2010 | |
|--------------------|---------------------------------------|------------------------|--------------------------|--------------------|---------|-----------------------------------|-----------------------|--------------------|--|---|
| | q 1.00000 | put: RF | | | Run | Avg Type Avg Hold Ext Gain: | e: Log-Pwr : 10/10 | TRAC TYI | CE 1 2 3 4 5 6 PE M WWWWW ET P N N N N N | Frequency |
| 10 dB/div | Ref 23.00 | | | | | | М | kr1 25.6 -32.5 | 84 GHz 96 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 13.750000000 GF |
| 7.00 | | | | | | | | | | Start Fre 1.00000000 GF |
| 27.0 | | | | | | | | | -25.00 dBm | Stop Fre 26.500000000 Gi |
| 37.0 | have also and a second | hand the second second | in sproughed and an open | Letterality by the | wellow | goddogffillawraw | ······ | way and the second | Un ^{tra} philochemica | CF Ste 2.550000000 GI <u>Auto</u> Mi |
| i7.0 | | | | | | | | | | Freq Offs 01 |
| 57.0 Start 1.00 | | | #\/B\M | 1 0 MHz | | | Sween | Stop 2 | 6.50 GHz | |
| #Res BW | | | #VBW | 1.0 MHz | | | Sweep | 63.8 ms (| 1001 pts) | |

| | FCC CERTIFICATION REPORT www.hct.co.kr | | | | | | | | | | |
|-----------------------------------|--|------------------------|---------------------|--|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | | | |
| | Dogo 65 of 91 | | | | | | | | | | |



| Frequency | M Mar 22, 2010 E 1 2 3 4 5 6 M WWWWW T P N N N N N | TRAC | ALIGN AUTO :: Log-Pwr >10/10 | Avg Typ Avg Hold | NSE:INT | | PNO: Fast | 00 MHz | um Analyzer - 50 Ω 30.0000(| |
|--|---|-------------------------------|------------------------------------|---------------------------------------|---------------------|--------------|----------------------|------------------------|-----------------------------------|----------------------|
| Auto Tur | 85 MHz 94 dBm | k r1 810 . | -16.50 dB | Ext Gain: | dB | #Atten: 20 | Gain:Low | | Ref 23.00 | IB/div |
| Center Fre 515.000000 Mł | | | | | | | | | | |
| Start Fr 30.000000 Mi | | | | | | | | | | |
| Stop Fr 1.000000000 G | -25.00 dBm | | | | | | | | | |
| CF St 97.000000 M <u>Auto</u> M | rque.ukntyNatrilis. | 1 Marchillet | ngodsky-planser | a <mark>g I b</mark> ash betway belge | add played on frost | alleft-Aller | hylandinghat you way | <u>≁-∳/¥patineSynt</u> | and the second second second |) |
| Freq Offs 0 | | | | | | | | | | |
| | 0000 GHz 1001 pts) | Stop 1.0 1.20 m <u>s (</u> | Sweep | | | 1.0 MHz | #VBW | | | rt 30.0 I es BW 1 |
| | | | STATUS | | | | | | | |

QPSK MODE 1/2 (2687.5 MHz) Conducted Spurious Emissions1

QPSK MODE 1/2 (2687.5 MHz) Conducted Spurious Emissions2

| 💴 Agilent Spec | ctrum Analyzer - Swe | pt SA | | | | | | | |
|-------------------|----------------------------|-------------|--------------------------|---------------|------------------------|--------------------------|-------------------|------------------|--|
| IXI Start Erov | 50 Ω q 1.00000000 | | AC SEN | ISE:INT | Ανα Τγρε | ALIGNAUTO E: Log-Pwr | | M Mar 22, 2010 | Frequency |
| | Input: | | Trig: Free #Atten: 20 | | Avg Hold: Ext Gain: | -16.50 dB | TYF Di | | Auto Turo |
| 10 dB/div Log | Ref 23.00 dBi | m | | | | M | kr1 25.2 -32.9 | 00 GHz 58 dBm | Auto Tune |
| 13.0 | | | | | | | | | Center Fred 13.750000000 GHz |
| 3.00 | | | | | | | | | Start Fred 1.000000000 GH2 |
| -17.0 | | | | | | | | -25.00 dBm | Stop Fred 26.500000000 GH: |
| -37.0 | Julian prosonal list of my | www.warmana | Jhogensterke | nor the later | Manager | all-and all and a second | ward ward | when the state | CF Step 2.550000000 GH: <u>Auto</u> Mar |
| -57.0 | | | | | | | | | Freq Offse 0 H |
| -67.0 Start 1.00 | | | | | | | Stop 2 | 6.50 GHz | |
| #Res BW | 1.0 MHz | #VBW | 1.0 MHz | | | | 63.8 ms (| 1001 pts) | |
| MSG | | | | | | STATU | S | | |

| FCC CERTIFICATION REPORT www.hct.co.k | | | | | | | | | | | |
|---------------------------------------|----------------------------------|---------------------|--|--|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | FCC ID: XHG-U600 | | | | | | | | | |
| | | | | | | | | | | | |



| Agilent Spectrum Analyzer - S 50 Ω tart Freq 30.00000 | | AC SENSE:INT | ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>10/10 | 02:58:38 PM Mar 22, 2010 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P N N N N N | Frequency |
|---|---------------------------------|-------------------------------------|--|---|--|
| 0 dB/div Ref 23.00 d | IFGain:Low | #Atten: 20 dB | Ext Gain: -16.50 dB | (r1 806.00 MHz -42.859 dBm | Auto Tun |
| og 13.0 | | | | | Center Fre 515.000000 M⊦ |
| 7.00 | | | | | Start Fre 30.000000 Mi |
| 7.0 | | | | -25.00 dBm | Stop Fr 1.000000000 Gi |
| 37.0 | Warthart James and Jacametro Ja | An and an Additional Providences of | Llb Areal Marging marging | 1 | CF St 97.000000 M <u>Auto</u> M |
| 7.0 | | | | | Freq Offs |
| 57.0 | | | | Stop 1.0000 GHz | |
| Res BW 1.0 MHz | #VBW | / 1.0 MHz | Sweep STATUS | 1.20 ms (1001 pts) | |

QPSK MODE 3/4 (2687.5 MHz) Conducted Spurious Emissions1

QPSK MODE 3/4 (2687.5 MHz) Conducted Spurious Emissions2

| | | er - Swept SA | | | | | | | | |
|-------------|----------------|---------------|-------------|-----------------------------------|--------------------|-----------------|-----------------|----------------------------|------------------|-----------------|
| tart Ered | 50 Ω | 000000 G | | AC SE | NSE:INT | Avg Tv | ALIGNAUTO | TRAC | M Mar 22, 2010 | Frequency |
| | 1 1.0000 | Input: RF | PNO: Fast 🔸 | Trig: Fre #Atten: 2 | | AvgHol | | TYF | | |
| | | | IFGain:Low | #Atten: 2 | | Ext Gair | | | | Auto Tun |
| 0 dB/div | Ref 23.0 | 00 dBm | | | | | IVI | kr1 25.7 -32.4 | 10 GH2 24 dBm | |
| .vg | | | | | | | | | | Center Fre |
| 13.0 | | | | | | | | | | 13.750000000 GI |
| | | | | | | | | | | |
| 3.00 | | | | | | | | | | |
| | | | | | | | | | | Start Fre |
| 7.00 | | | | | | | | | | 1.000000000 GI |
| | | | | | | | | | | |
| 17.0 | | | | | | | | | | Stop Fre |
| | | | | | | | | | -25.00 dBm | 26.50000000 GI |
| 27.0 | | | | | | | | | ↓ ¹ | |
| 37.0 | | | | | | | | المراد مراد | our along him | CF Ste |
| | L.Mn | Haluman | 1. | المعسر الأرا | a the for the same | لمعلككه والمعلم | rinterrenderati | nd that all and the second | | 2.550000000 G |
| 17.0 4 WYNT | and the second | ~ | ullyndrawan | u fr _{a f} riktige of e. | | | | | | <u>Auto</u> M |
| | | | | | | | | | | |
| 57.0 | | | | | | | | | | Freq Offs |
| | | | | | | | | | | 0 |
| 67.0 | | | | | | | | | | |
| | | | | | | | | | | |
| start 1.00 | GHz | | | | | | | Stop 2 | 6.50 GHz | |
| Res BW | | | #VBW | 1.0 MHz | | | Sweep | 63.8 ms (| 1001 pts) | |
| SG | | | | | | | STATU | s | | |

| | FCC CERTIFICATION REPORT <u>www.hct.ce</u> | | | | | | | | | | |
|-----------------------------------|--|------------------------|---------------------|--|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | | | |
| | Page 67 of 91 | | | | | | | | | | |



| 🛙 Agilent Spectrum A | nalyzer - Swept SA | | | | | | | | |
|---------------------------|---|-------------------------------|---------------|--|------------------------------------|----------------|-------------------|---|---|
| ກັບ 50 ຊ Start Freq 30 | .000000 MHz Input: RF | PNO: Fast IEGain:Low | T | | Avg Type Avg Hold: Ext Gain: | | TRAC TY | PM Mar 22, 2010 CE 1 2 3 4 5 6 PE M WWWWWW ET P N N N N N | Frequency |
| 10 dB/div Ref | 23.00 dBm | in Guille Sw | | | | | (r1 838. -42.7 | 01 MHz 93 dBm | Auto Tun |
| 13.0 | | | | | | | | | Center Fre 515.000000 MH |
| 7.00 | | | | | | | | | Start Fre 30.000000 M⊦ |
| 27.0 | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GF |
| 37.0 | And the second second and the second | Adupt Jacoba And Angel Jacoba | chladellefter | £√] ₁ 4 ₈₄ × ₆ − ¹ ,φ ₁ , _{φ1} , | angenshel-briefende | hand water and | 1 windy, www.h | hitesseller the second | CF Ste 97.000000 Mi <u>Auto</u> Mi |
| 57.0 | | | | | | | | | Freq Offs 01 |
| 67.0 Start 30.0 MHz | | | | | | | Stop <u>1.</u> | 0000 GHz | |
| Res BW 1.0 N | Hz | #VBW | 1.0 MHz | | | Sweep | 1.20 ms (| 1001 pts) | |

16QAM MODE 1/2 (2687.5 MHz) Conducted Spurious Emissions1

■ 16QAM MODE 1/2 (2687.5 MHz) Conducted Spurious Emissions2

| 🚺 Agilent Spe | ctrum Analyz | er - Swept SA | | | | | | | | |
|-----------------------|----------------|-----------------------|--------------------------------------|--------------------------|--------------------|------------------|--|-------------------|---|-----------------|
| XI | 50 Ω | | | AC SE | ENSE:INT | | ALIGN AUTO | | PM Mar 22, 2010 | Frequency |
| Start Fre | q 1.000 | 000000 G Input: RF | FIZ PNO: Fast ↔ IFGain:Low | - Trig: Fre #Atten: 2 | | Avgil | Type: Log-Pwr Hold: 10/10 Gain: -16.50 dB | TY D | CE 123456 PE M WWWWWW ET P N N N N N | |
| 10 dB/div Log | Ref 23. | 00 dBm | | | | | Μ | kr1 25.3 -33.2 | 802 GHz 06 dBm | Auto Tune |
| | | | | | | | | | | Center Free |
| 13.0 | | | | | | | | | | 13.750000000 GH |
| 10.0 | | | | | | | | | | 13.750000000 GH |
| 3.00 | | | | | | | | | | |
| | | | | | | | | | | Start Free |
| -7.00 | | | | | | | | | | 1.000000000 GH |
| | | | | | | | | | | |
| -17.0 | | | | | | | | | | |
| | | | | | | | | | | Stop Fre |
| -27.0 | | | | | | | | | -25.00 dBm | 26.50000000 GH |
| | | | | | | | | | ∣ ♦' ∣ | |
| 37.0 | | | | | | | 1 | Nilos Phillippe | and Wahidate manual | CF Ste |
| | MANI | when the sale of | I | . Iblinkan ta | Laboration Without | مليمالي المريامي | ware and the state of the state | | | 2.550000000 GH |
| -47.0 | IN THE WHILLOW | ALL ALL MARKAN | and a fail of the state of the state | 1944 alta darrian | | <u> </u> | | | | <u>Auto</u> Ma |
| | | | | | | | | | | |
| -57.0 | | | | | | | | | | Freq Offse |
| | | | | | | | | | | 0 H |
| -67.0 | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Start 1.00 #Res BW | | | #\/R\A | / 1.0 MHz | | | Sween | Stop 2 | 26.50 GHz 1001 pts) | |
| | | | #VDV | | | | - | | iou i pis) | |
| | | | | | | | STATU | s | | |

| | FCC CERTIFICATION REPORT <u>www.hct.co.kr</u> | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | | | | | | | | | | |
| Dogo 68 of 91 | | | | | | | | | | |



| Agilent Spectr | | Swept SA | | | | | | | | |
|-------------------------|------------------------|----------------|------------------------|--|---|--|---|-------------------|---|---|
| atart Freq | 50 Ω 30.00000 Im | put:RF P | NO: Fast 🖵 Gain:Low | | | Avg Type Avg Hold: Ext Gain: | | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 E M M M M M M M T P N N N N N | Frequency |
| 0 dB/div | Ref 23.00 (| | Gain:Luw | PAttern. 20 | | Ext Gam. | | (r1 520. -43.4 | 82 MHz 03 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 515.000000 MH |
| 3.00 | | | | | | | | | | Start Fre 30.000000 M⊦ |
| 17.0 27.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 G⊦ |
| 37.0 47 n אليسينيوسي | ne the second | Marine and and | . no. 1811 | and the second | 1 | an and the states of the state | an the second | harra harradara | ► Å γ&^ ,¢ , 1 ,01,8 ⁻⁴ 4,7,1 | CF Ste 97.000000 Mi <u>Auto</u> Mi |
| 57.0 | | | | | | | | | | Freq Offs |
| 57.0 Start 30.0 M | IHz | | | | | | | Stop <u>1.(</u> | 0000 GHz | |
| Res BW 1. | 0 MHz | | #VBW | 1.0 MHz | | | Sweep 7 | 1.20 ms (| 1001 pts) | |

16QAM MODE 3/4 (2687.5 MHz) Conducted Spurious Emissions1

16QAM MODE 3/4 (2687.5 MHz) Conducted Spurious Emissions2



| | FCC CERTIFICATION REPORT | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | | |
| | | | | | | | | | | |



10 MHz

🖬 Agilent Spectrum Analyzer - Swept SA 02:31:32 PM Mar 22, 2010 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N N SENSE:INT .IGN/ Frequency Start Freq 30.000000 MHz Avg Type: Log-Pwr Avg|Hold: 10/10 PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 20 dB Input: RF Ext Gain: -16.50 dB Mkr1 973.81 MHz -42.894 dBm Auto Tune 10 dB/div Log Ref 23.00 dBm **Center Freq** 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz **CF Step** 97.000000 MHz <u>o</u> Man a HINM. <u>Auto</u> llum -Freq Offset 0 Hz Start 30.0 MHz #Res BW 1.0 MHz Stop 1.0000 GHz #Sweep 30.0 ms (1001 pts) #VBW 1.0 MHz STATUS

QPSK MODE 1/2 (2501.0 MHz) Conducted Spurious Emissions1

QPSK MODE 1/2 (2501.0 MHz) Conducted Spurious Emissions2

| 50 Ω | alyzer - Swept SA | AC | SEM | ISE:INT | | ALIGN AUTO | | M Mar 22, 2010 | |
|-------------------------------|-----------------------------|---------------------------------------|---------------------------|----------------|------------------------------------|-------------------|---|--|--|
| tart Freq 1.0 | Input: RF | IZ PNO: Fast ↔ FGain:Low | Trig: Free #Atten: 20 | | Avg Type Avg Hold: Ext Gain: | | TY | CE 123456 PE MWWWWW ET P N N N N N | Frequency |
| 0 dB/div Ref 2 | 23.00 dBm | | | | | Μ | lkr1 25.2 -32.6 | 51 GHz 02 dBm | Auto Tune |
| 13.0 | | | | | | | | | Center Fred 13.750000000 GHz |
| 3.00 .00 | | | | | | | | | Start Fred 1.000000000 GH: |
| 27.0 | | | | | | | | -25.00 dBm | Stop Fred 26.500000000 GHz |
| 17.0 ml 100 ml | his of the strategic states | allouryphyre ^{yth} atella | ر المعرور الحرير الحري | Annaha ta Ange | Jet worker | they destablished | here with the second | n la Andra Andrian | CF Step 2.550000000 GHz <u>Auto</u> Mar |
| 57.0 | | | | | | | | | Freq Offse 0 Hz |
| 57.0 | | | | | | | | | |
| tart 1.00 GHz Res BW 1.0 M | Hz | #VBW | 1.0 MHz | | | Sweep | Stop 2 63.8 ms (| 6.50 GHz 1001 pts) | |
| SG | | | | | | STATU | JS | | |

| | FCC CERTIFICATION REPORT | | | | | | | | |
|-----------------|--------------------------|-----------|----------|--|--|--|--|--|--|
| Test Report No. | Date of Issue: | EUT Type: | FCC ID: | | | | | | |
| HCTR0912FR02-2 | April 05, 2010 | USB Modem | XHG-U600 | | | | | | |
| | | D 70 (0) | | | | | | | |



| D Agilent Spectrum Analyze Ø 50 Ω Start Freq 30.000 | 000 MHz | PNO: Fast ↔►→ | Tain Far | NSE:INT | Avg Type Avg Hold: | ALIGNAUTO :: Log-Pwr : 10/10 | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 E M WWWWW T P N N N N N | Frequency |
|---|--------------------------|------------------------|-----------------|-------------|------------------------|------------------------------------|-----------------|---|--|
| 10 dB/div Ref 23.0 | IF | Gain:Low | #Atten: 20 | dB | Ext Gain: | | r1 876. | 81 MHz 36 dBm | Auto Tun |
| 13.0 | | | | | | | | | Center Fre 515.000000 M⊦ |
| 7.00 | | | | | | | | | Start Fre 30.000000 Mi |
| 27.0 | | | | | | | | -25.00 dBm | Stop Fr 1.000000000 Gi |
| 37.0 | Here Andreich and Harris | de 1. a. Ikana Makanat | Ann Andrew VVVI | Water Maria | فاجاره المراجع المراجع | Washell and the Antoine of the | 1 | hand | CF Ste 97.000000 MI <u>Auto</u> M |
| 57.0 | | | | | | | | | Freq Offs |
| 57.0 | | | | | | | Stop <u>1.(</u> | 0000 GHz | |
| Res BW 1.0 MHz | | #VBW | 1.0 MHz | | 1 | Sweep 3 | 30.0 ms (| 1001 pts) | |

QPSK MODE 3/4 (2501.0 MHz) Conducted Spurious Emissions1

QPSK MODE 3/4 (2501.0 MHz) Conducted Spurious Emissions2



| | FCC CERTIFICATION REPORT | | | | | | | | | |
|-----------------------------------|----------------------------------|---------------------|--|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | FCC ID: XHG-U600 | | | | | | | | |
| | | | | | | | | | | |



| | ctrum Analyze | r - Swept SA | | | | | | | | |
|----------------------|--------------------------------|----------------------|-------------------|---------------------|---------------|---------------------------------|---------------------------------------|------------------------|---|---|
| o Start Fre | ^{50 Ω} q 30.000 | 000 MHz Input: RF | | Tui au Face a | | | | TRAC | M Mar 22, 2010 26 1 2 3 4 5 6 PE M WWWWWW ET P N N N N N | Frequency |
| I0 dB/div | Ref 23.0 | 0 dBm | | | | | M | (r1 241. -43.2 | 46 MHz 31 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 515.000000 MH |
| 3.00 7.00 | | | | | | | | | | Start Fre 30.000000 M⊦ |
| 27.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GF |
| 37.0 47.0 | a hi alda ya a a a a a a a a a | 1 | hillion row watch | II. of Uphala Parks | The More than | an international states and the | - h→ ₂ /Japol/thr/h/h→J | al sector and a sector | | CF Ste 97.000000 Mi <u>Auto</u> Mi |
| 57.0 | | | | | | | | | | Freq Offs |
| 57.0 | MHz | | | | | | | Stop 1.0 | 0000 GHz | |
| Res BW | | | #VBW | 1.0 MHz | | ; | Sweep | 30.0 ms (| 1001 pts) | |

16QAM MODE 1/2 (2501.0 MHz) Conducted Spurious Emissions1

16QAM MODE 1/2 (2501.0 MHz) Conducted Spurious Emissions2

| 🇊 Agilent Spe | ctrum Analyzer - S | Swept SA | | | | | | | | |
|-----------------|-------------------------------|---------------|------------------------|----------------------------------|-------------------------|---------------------|---------------------------|-------------------|------------------|------------------------------|
| XI Start Fre | ^{50 Ω} q 1.000000 | 0000 GH | ۵ Z | | NSE:INT | | ALIGNAUTO pe: Log-Pwr | TRAC | M Mar 22, 2010 | Frequency |
| | | put: RF 🛛 🛛 | NO: Fast ↔ Gain:Low | Trig: Free #Atten: 20 | | Avg Hol Ext Gair | ld: 10/10 n: -16.50 dB | TYF DE | | |
| 10 dB/div | Ref 23.00 d | dBm | | | | | Μ | kr1 26.0 -33.1 | 92 GHz 56 dBm | Auto Tune |
| | | | | | | | | | | Center Fred |
| 13.0 | | | | | | | | | | 13.750000000 GHz |
| 3.00 | | | | | | | | | | Start Free |
| -7.00 | | | | | | | | | | 1.000000000 GHz |
| -17.0 | | | | | | | | | | |
| -17.0 | | | | | | | | | -25.00 dBm | Stop Fred 26.50000000 GH; |
| -27.0 | | | | | | | | | | 20.000000000000 |
| -37.0 | | | | | | ALL MAR | Westerner With | atrav the hall | urhun marching | CF Step 2.55000000 GH |
| -47.0 44. 10m | home was here the | Internet they | they low they are | an and and a start and a start a | Walander All Darley Art | 64 YOY - | | | | Auto Mar |
| 57.0 | | | | | | | | | | Freq Offset |
| -57.0 | | | | | | | | | | 0 Ha |
| -67.0 | | | | | | | | | | |
| Start 1.00 | GH7 | | | | | | | Stop 2 | 6.50 GHz | |
| #Res BW | | | #VBW | 1.0 MHz | | | Sweep | 63.8 ms (| 1001 pts) | |
| 1SG | | | | | | | STATU | s | | |

| | FCC CERTIFICATION REPORT | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | | | |
| | Dege 72 of 91 | | | | | | | | | | |



| 📕 Agilent Spe | ctrum Analyzer - S | Swept SA | | | | | | | | |
|-------------------------------|--|------------------|------------------------|-----------------|----------|------------------------------------|----------------------------|------------------------|---|---|
| <mark>xı</mark> Start Free | 50 Ω q 30.00000 In | out: RF P | NO: Fast ↔ Gain:Low | Trime | | Avg Type Avg Hold: Ext Gain: | | TRA TY | PM Mar 22, 2010 CE 123456 PE MWWWWW PNNNNN | Frequency |
| 10 dB/div Log | Ref 23.00 (| | Gam.cow | Fritten. 20 | | Excount | | r1 815. -42.7 | 70 MHz 77 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 515.000000 MH |
| 7.00 | | | | | | | | | | Start Fre 30.000000 M⊦ |
| -17.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 G⊦ |
| 37.0 | will the responsed to the state of the | wallshampton and | d guinness Aller | nnindalatinortu | mmulutun | Mayyolamicarianty | elle frankelaker. | ↓1 ↓↓↓+↓,4,0+↓,4,14 | | CF Ste 97.000000 Mi <u>Auto</u> Mi |
| 57.0 | | | | | | | | | | Freq Offs 0 F |
| 67.0 | | | 4) (D14) | | | | # C 1110 0 T | Stop 1. | 0000 GHz | |
| fRes BW | 1.0 MHZ | | #vBW | 1.0 MHz | | | status | 50.0 MS (| (1001 pts) | |

16QAM MODE 3/4 (2501.0 MHz) Conducted Spurious Emissions1

16QAM MODE 3/4 (2501.0 MHz) Conducted Spurious Emissions2

| | ctrum Analyzer - | Swept SA | | | | | | | | |
|-----------------------------|-------------------|-----------------------------|---------------------------------------|--|--|---------------|---|---------------------|---|---|
| <mark>x</mark> Start Fre | 50 Ω q 1.00000 | nput: RF | A IZ PNO: Fast ↔→→ FGain:Low | | | AvgH | ALIGN AUTO ype: Log-Pwr old: 10/10 in: -16.50 dB | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 E M W W W M M T P N N N N N | Frequency |
| 10 dB/div Log | Ref 23.00 | | FGalli.LUW | Fritten. 2 | | Ext Ou | | kr1 24.4 -32.6 | 09 GHz 11 dBm | Auto Tune |
| 13.0 | | | | | | | | | | Center Fre 13.750000000 GH |
| 7.00 | | | | | | | | | | Start Fre 1.000000000 GH |
| -17.0 | | | | | | | | | -25.00 dBm | Stop Fre 26.500000000 GH |
| 37.0 47.0 | agher and the | kenilynyl <mark>k</mark> ye | Whaterstrates | _{no} Managullufr ^a | har and a state of the state of | A Maryan Mark | Maynamand | nt Jay Angles | normunitation . | CF Ste 2.55000000 G⊦ <u>Auto</u> Ma |
| 57.0 | | | | | | | | | | Freq Offso 0 H |
| Start 1.00 Res BW | GHz 1.0 MHz | | #VBW | 1.0 MHz | | | Sweep | Stop 2 63.8 ms (| 6.50 GHz 1001 pts) | |
| SG | | | | | | | STATUS | | | |

| | FCC CERTIFICATION REPORT | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | | |
| | | | | | | | | | | |



| i | ectrum Analyzer - S | wept SA | | | | | | | | |
|------------------------|---------------------------|--------------------|------------------------|----------|--------------------|------------------------------------|------------|------------------|--|---|
| o Start Fre | 50 Ω q 30.00000 Inp | ut: RF P | NO: Fast ↔ Gain:Low | THEFT | | Avg Type Avg Hold: Ext Gain: | | TRAC | M Mar 22, 2010 E <mark>1 2 3 4 5 6</mark> P M W W W W W T P N N N N N | Frequency |
| I0 dB/div _og ┏━━━━ | Ref 23.00 d | | | | | | Mk | r1 195. -43.4 | 87 MHz 79 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 515.000000 M⊦ |
| 7.00 | | | | | | | | | | Start Fre 30.000000 MH |
| 27.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GF |
| 37.0 | 1 | a Mariante and and | hor ward we | muuntaa | alan ayang kalanga | nigentral (Maryari | marchanter | yountwo alberty | end _{er} verschiedersettung | CF Ste 97.000000 MI <u>Auto</u> Mi |
| 7.0 | | | | | | | | | | Freq Offs 01 |
| 57.0 Start 30.0 |) MHz 1.0 MHz | | #\/B\A | 1.0 MHz | | | #Sweep : | Stop 1.0 | 0000 GHz | |
| G | | | | AV MILL2 | | | STATUS | | 1901 p.(3) | |

QPSK MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions1

QPSK MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions2

| | ctrum Analyzer - | Swept SA | | | | | | | | |
|-----------------------------|--------------------------|--------------------------|-----------------------------|--------------------------|----------------|---------------------|-------------------------------|--|-----------------------|---------------------------------------|
| <mark>W</mark> Start Ere | ^{50 ຊ} | | | AC SE | NSE:INT | Ava | ALIGN AUTO Type: Log-Pwr | TRAC | M Mar 22, 2010 | Frequency |
| | | put: RF | PNO: Fast ++ IFGain:Low | Trig: Free #Atten: 20 | | AvgiH | lold: 10/10 ain: -16.50 dB | TYF Di | | Auto Tune |
| 10 dB/div Log | Ref 23.00 | dBm | | | | | M | kr1 24.5 -32.7 | 96 dBm | |
| 13.0 | | | | | | | | | | Center Freq 13.75000000 GHz |
| 3.00 | | | | | | | | | | Start Fred 1.000000000 GHz |
| -17.0 | | | | | | | | | -25.00 dBm | Stop Fred 26.50000000 GHz |
| -27.0 | Marging Markon with 10th | untrepresentation of the | مرور والمراجع المراجع وروال | walt be and a star | and the second | Job Job Mary Market | under and the second states | detration of the second se | 1 July Marketon | CF Step 2.55000000 GH: Auto Mar |
| -47.0 | | | | | | | | | | Freq Offse |
| -67.0 | | | | | | | | Oton 2 | 6 50 04- | |
| Start 1.00 #Res BW | | | #VBW | 1.0 MHz | | | Sweep | 63.8 ms (| 6.50 GHz 1001 pts) | |
| MSG | | | | | | | STATU | s | | |

| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | | | | |
|-----------------------------------|----------------------------------|-------------------------|---------------------|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | |
| | | | | | | | | | |



| Agilent Spectrum Analyze 50 Q art Freq 30.000 | 000 MHz | PNO: Fast ↔→ | | | | ALIGNAUTO :: Log-Pwr 10/10 | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 E M WWWWW T P N N N N N | Frequency |
|---|--------------------------|--------------|-------------------|-------|------------|----------------------------------|-------------------|---|--|
| dB/div Ref 23.0 | | FGain:Low | #Atten: 20 | | Ext Gain: | -16.50 dB | r1 981. | 57 MHz 56 dBm | Auto Tun |
| 3.0 | | | | | | | | | Center Fre 515.000000 M⊢ |
| 00 | | | | | | | | | Start Fre 30.000000 MF |
| 7.0 | | | | | | | | -25.00 dBm | Stop Fr 1.000000000 Gi |
| 7.0 | her Withigh yushed areas | appahand the | ayadhaartoo algan | monor | procession | وللدرجعا مطروحها والعرار وال | water for for the | white provident and | CF St (97.000000 M <u>Auto</u> M |
| 7.0 | | | | | | | | | Freq Offs 01 |
| art 30.0 MHz Res BW 1.0 MHz | | #VBW | 1.0 MHz | | | #Sween_ | Stop 1.0 | 0000 GHz 1001 pts) | |
| 3 | | | | | | STATUS | | | |

QPSK MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions1

QPSK MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions2

| | ctrum Analyzer - | Swept SA | | | | | | | | |
|-----------------------------|-------------------------------|--------------|--|--------------------------|--------------------------|---------|-------------------------------|---------------------|------------------------|--|
| <mark>W</mark> Start Fro | _{50 Ω} q 1.000000 | | ۵ ح | .C SEI | NSE:INT | Ava 1 | ALIGNAUTO Type: Log-Pwr | | PM Mar 22, 2010 | Frequency |
| | | put: RF | Z PNO: Fast ↔ Gain:Low | Trig: Free #Atten: 20 | | AvgiH | lold: 10/10 ain: -16.50 dB | TY D | | Auto Tune |
| 10 dB/div Log | Ref 23.00 (| dBm | | | | | M | kr1 25.6 -32.5 | 59 GHz 57 dBm | Auto Tune |
| 13.0 | | | | | | | | | | Center Freq 13.75000000 GHz |
| 3.00 | | | | | | | | | | Start Fred 1.000000000 GHz |
| -17.0 | | | | | | | | | -25.00 dBm | Stop Fred 26.500000000 GHz |
| -37.0 | human | YM4L-conThey | مرا _{یل} ددارمیمو ^{رورو} د از آن | Jan Mathall | ulu ^A ryl Whe | Manhala | brown Wymer Walkinger | Mathy Marth And | lent the low of the se | CF Step 2.55000000 GH: <u>Auto</u> Mar |
| -47.0 | | | | | | | | | | Freq Offse 0 H: |
| -67.0 | | | | | | | | | | |
| Start 1.00 #Res BW | | | #VBW | 1.0 MHz | | | Sweep | Stop 2 63.8 ms (| 6.50 GHz (1001 pts) | |
| MSG | | | | | | | STATU | | | |

| | FCC CERTIFICATION REPORT | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | |
| Page 75 of 81 | | | | | | | | | |



| D Agi | lent Spect | rum Analy | zer - Swept SA | | | | | | | | |
|---------------------------|--------------------|---------------|---------------------|--|--------------------------|-----------------------|-------------|--|-----------------------|--|--|
| <mark>IXI</mark> Oʻran | | 50 Ω | | | AC SE | NSE:INT | Aug Ta | ALIGN AUTO | | M Mar 22, 2010 E <mark>1 2 3 4 5 6</mark> | Frequency |
| Stal | t Freq | 30.00 | Input: RF | PNO: Fast ++ IFGain:Low | . Trig: Fre #Atten: 2 | | AvgHo | in: -16.50 dB | TY | | |
| 10 dE Log | 3/div | Ref 23. | .00 dBm | | | | | Μ | kr1 986. -43.4 | 42 MHz 03 dBm | Auto Tune |
| 13.0 | | | | | | | | | | | Center Freq 515.000000 MHz |
| 3.00 -7.00 | | | | | | | | | | | Start Freq 30.000000 MHz |
| -17.0 -27.0 | | | | | | | | | | -25.00 dBm | Stop Freq 1.000000000 GHz |
| -37.0 -47.0 | ni, mianthir | unatelane | approlitionstations | والمعروب والمعروب والمعروب والمعروب والمعروب | ah halah dentatika | ingetten wighter også | Anen Watter | 4.2.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | (marger labored | Rider Andre Lules | CF Step 97.000000 MHz <u>Auto</u> Man |
| -57.0 | | | | | | | | | | | Freq Offset 0 Hz |
| -67.0 | | | | | | | | | | | |
| Star #Re | t 30.0 ľ s BW 1 | MHz .0 MHz | | #VBW | / 1.0 MHz | | | #Sweep | Stop 1.0 30.0 ms (| 0000 GHz 1001 pts) | |
| MSG | | | | | | | | STATU | 5 | | |

■ 16QAM MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions1

16QAM MODE 1/2 (2593.0 MHz) Conducted Spurious Emissions2



| | FC | C CERTIFICATION REPORT | www.hct.co.kr | | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | | |
| | | | | | | | | | |



| 🛙 Agilent Spec | trum Analyzer - S | wept SA | | | | | | | | |
|------------------------------|--|----------------------------|------------|-------------------------------|------------------------------------|----------|----------------------|------------------|--|--|
| a Start Fred | 50 Ω 30.00000 Inp | ut: RF P | NO: Fast 中 | | | | | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 E M M M M M | Frequency |
| 10 dB/div | Ref 23.00 d | | Gain:Low | #Atten: 20 | | Ext Gam. | | r1 840. -43.0 | 92 MHz 27 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 515.000000 M⊦ |
| 3.00 7.00 | | | | | | | | | | Start Fre 30.000000 Mi |
| 17.0 27.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GF |
| 37.0 | وروالي والمحاود والم | Network of the seal wither | pilutember | kalisioneri, förfanderige för | hale for his for the second starts | andread | مرويداوروادلهارموالد | 1 marine | +frithiustry-ani-frit | CF Ste 97.000000 Mi <u>Auto</u> M |
| 57.0 | | | | | | | | | | Freq Offs |
| 57.0 Start 30.0 | | | | | | | | Stop 1.0 | 0000 GHz | |
| Res BW | 1.0 MHz | | #VBW | 1.0 MHz | | | ≇Sweep ∶ | 30.0 ms (| 1001 pts) | |

16QAM MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions1

16QAM MODE 3/4 (2593.0 MHz) Conducted Spurious Emissions2

| 🚺 Agilent Spe | ctrum Analyze | er - Swept SA | | | | | | | | |
|------------------|---------------|-----------------------|--|--|-----------|----------|---|-----------------------|--|----------------------------------|
| | 50 Ω | | | AC SE | ENSE:INT | A | ALIGN AUTO Type: Log-Pwr | | M Mar 22, 2010 E <mark>1 2 3 4 5 6</mark> | Frequency |
| Start Fre | q 1.0000 | Input: RF | HZ PNO: Fast ↔ IFGain:Low | . Trig: Fre #Atten: 2 | | Avgil | Type: Log-Pwr Hold: 10/10 Sain: -16.50 dB | TYF | E M M M M M M M M M M M M M M M M M M M | |
| 10 dB/div Log | Ref 23.0 | 0 dBm | | | | | M | kr1 25.0 -32.8 | 21 GHz 85 dBm | Auto Tune |
| | | | | | | | | | | Center Free |
| 13.0 | | | | | | | | | | 13.750000000 GH |
| 3.00 | | | | | | | | | | Start Free |
| -7.00 | | | | | | | | | | 1.000000000 GH |
| -17.0 | | | | | | | | | | Stop Fre |
| -27.0 | | | | | | | | | -25.00 dBm | 26.500000000 GH |
| -37.0 | | | | | | | | المورا ويداود مطيبه م | Alleran | CF Ste |
| -47.0 ARAN | With work of | derman and the barrow | en and the second of the secon | and the state of t | whyerenne | watmanyt | Aurona walinda a sa | | | 2.550000000 GH <u>Auto</u> Ma |
| 57.0 | | | | | | | | | | FreqOffse |
| | | | | | | | | | | он |
| -67.0 | | | | | | | | | | |
| Start 1.00 | | | | | | | | Stop 2 | 6.50 GHz | |
| #Res BW | 1.0 MHz | | #VBW | 1.0 MHz | | | Sweep | 63.8 ms (| 1001 pts) | |
| 1SG | | | | | | | STATUS | | | |

| | F | CC CERTIFICATION REPORT | www.hct.co.kr | | | | | |
|-----------------------------------|----------------------------------|-------------------------|---------------------|--|--|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | | | |
| Dogo 77 of 91 | | | | | | | | |



| Agilent Spectrum Analyze 50 Ω tart Freq 30.000 | 000 MHz | PNO: Fast ↔► | Tain Far | NSE:INT | Avg Type Avg Hold: | ALIGN AUTO :: Log-Pwr : 10/10 | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 M WWWWW T P N N N N N | Frequency |
|--|-------------------------|------------------------|-------------------------------|-----------------|-----------------------|-------------------------------------|----------|---|--|
| 0 dB/div Ref 23.0 | | FGain:Low | #Atten: 20 | | Ext Gain: | -16.50 dB | r1 800. | 18 MHz 50 dBm | Auto Tun |
| og 13.0 | | | | | | | | | Center Fre 515.000000 M⊦ |
| 7.00 | | | | | | | | | Start Fr 30.000000 Mi |
| 27.0 | | | | | | | | -25.00 dBm | Stop Fr 1.000000000 G |
| 17.0 | Stein Stringthingson of | Lord March 19 March 19 | al de publica de la constante | ֍ֈՠ֎֍֍ֈֈ֍ՠ֎ֈՠ֎ՠ | adamente al ver | waralowyorculi | 1 | Vancour for Dellador of | CF St (97.000000 M <u>Auto</u> M |
| 7.0 | | | | | | | | | Freq Offs 0 |
| atart 30.0 MHz Res BW 1.0 MHz | | 41/D11 | 1.0 MHz | | | "Swoon (| Stop 1.0 | 0000 GHz 1001 pts) | |
| | | #VDVV | | | | status | o nis (| roor pis) | |

QPSK MODE 1/2 (2685.0 MHz) Conducted Spurious Emissions1

QPSK MODE 1/2 (2685.0 MHz) Conducted Spurious Emissions2

| | ctrum Analyzer - Swept SA | | | | | | | |
|---------------------|---|--------------|---------------------------------|------------------------|---|--|---------------------|--|
| 💴 Start Free | ^{50 Ω} q 1.000000000 (| GHz | | Avg | ALIGN AUTO | TRACE | 23456 | Frequency |
| | Input: RF | PNO: Fast 🔸 | Trig: Free Run #Atten: 20 dB | | Hold: 10/10 Gain: -16.50 dB | DET | | |
| 10 dB/div Log | Ref 23.00 dBm | | | | Μ | kr1 25.63 -32.548 | 3 GHz 3 dBm | Auto Tune |
| 13.0 | | | | | | | | Center Fred 13.75000000 GHz |
| 3.00 | | | | | | | | Start Fred 1.000000000 GHz |
| -17.0 | | | | | | | -25.00 dBm | Stop Fred 26.500000000 GH: |
| -37.0 | hallingentertertertertertertertertertertertertert | hlapponerite | , Margarate and | erden witz waterheiden | p. p. h. st. for the stand of the | and the second | ner linde for songe | CF Step 2.550000000 GH: <u>Auto</u> Mar |
| -57.0 | | | | | | | | Freq Offse 0 H: |
| -67.0 Start 1.00 | GHz | | | | | Stop 26. | 50 GHz | |
| #Res BW | | #VBW | 1.0 MHz | | Sweep | 63.8 ms (10 | 01 pts) | |
| MSG | | | | | STATU | JS | | |

| | www.hct.co.kr | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | |
| | | | | | | |



| D Agilent Spectrum Analyze 7 50 Ω Start Freq 30.000 | 000 MHz | PNO: Fast ↔► | Tain Far | NSE:INT | Avg Type Avg Hold: | ALIGN AUTO :: Log-Pwr : 10/10 | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 M WWWWW T P N N N N N | Frequency |
|---|----------------------------|-----------------|------------|---------|--|-------------------------------------|-----------|---|---|
| 10 dB/div Ref 23.0 | | FGain:Low | #Atten: 20 | | Ext Gain: | -16.50 dB | r1 968. | 96 MHz 17 dBm | Auto Tun |
| 13.0 | | | | | | | | | Center Fre 515.000000 M⊦ |
| 7.00 | | | | | | | | | Start Fre 30.000000 Mi |
| 27.0 | | | | | | | | -25.00 dBm | Stop Fr 1.000000000 G |
| 37.0 | h-lif Websternedurithersge | unadorna antina | | - | and marking and the second | July state of the second | م | 1 hhilshorthan | CF Ste 97.000000 MI <u>Auto</u> M |
| 57.0 | | | | | | | | | Freq Offs 01 |
| 37.0 | | 4\/D14/ | | | | #Duucom | Stop 1.0 | 0000 GHz | |
| Res BW 1.0 MHz | | #VBW | 1.0 MHz | | | SWeep 3 | 50.0 ms (| 1001 pts) | |

QPSK MODE 3/4 (2685.0 MHz) Conducted Spurious Emissions1

QPSK MODE 3/4 (2685.0 MHz) Conducted Spurious Emissions2



| | www.hct.co.kr | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | |
| | | | | | | |



| D Agi | lent Spec | trum Analy | /zer - Swept SA | | | | | | | | |
|----------------|-----------|--------------------------|-----------------------|--------------------------------|--------------------------|--|--------------------------------|---------------------|---------------------|--|---|
| LXI | | 50 Ω | | | AC SE | NSE:INT | A | ALIGNAUTO | | M Mar 22, 2010 E <mark>1 2 3 4 5 6</mark> | Frequency |
| Star | | 30.00 | 00000 MH Input: RF | Z PNO: Fast ↔ IFGain:Low | . Trig: Fre #Atten: 2 | | AvgiHo | in: -16.50 dB | TY | | |
| 10 dE | 3/div | Ref 23 | .00 dBm | | | | | М | kr1 900. -43.1 | 09 MHz 08 dBm | Auto Tune |
| Log 13.0 | | | | | | | | | | | Center Freq 515.000000 MHz |
| 3.00 -7.00 | | | | | | | | | | | Start Freq 30.000000 MHz |
| -17.0 -27.0 | | | | | | | | | | -25.00 dBm | Stop Freq 1.000000000 GHz |
| -37.0 -47.0 | naturturo | Phine and a state of the | yikan yelonga diradi | ware war | www. | n the state of the | uj _{er} hig-Martigrel | u.hay-ayraydadaraan | lud-ta-vachtlegiagh | 1 Municipartonica | CF Step 97.000000 MHz <u>Auto</u> Man |
| -57.0 | | | | | | | | | | | Freq Offset 0 Hz |
| -67.0 Star | t 30.0 | MHZ | | | | | | | Stop 1 | 0000 GHz | |
| #Res | s BW 1 | 1.0 MHz | | #VBW | / 1.0 MHz | | | #Sweep | 30.0 ms (| 1001 pts) | |
| MSG | | | | | | | | STATU | s | | |

■ 16QAM MODE 1/2 (2685.0 MHz) Conducted Spurious Emissions1

16QAM MODE 1/2 (2685.0 MHz) Conducted Spurious Emissions2



| | www.hct.co.kr | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | |
| Dage 90 of 91 | | | | | | |



| Agilent Sp | ectrum Analyz | er - Swept SA | | | | | | | | |
|----------------|-----------------------|-----------------------|---------------------------|-------------------|-----------------|-----------------------------------|--------------------------|------------------|---|---|
| a Start Fre | 50 Ω eq 30.000 | DOOO MH: Input: RF | | Tain Far | | Avg Type Avg Hold Ext Gain: | | TRAC | M Mar 22, 2010 E 1 2 3 4 5 6 PE M WWWWW ET P N N N N N | Frequency |
| 0 dB/div | Ref 23.0 | 00 dBm | IFGain:Low | #Atten: 20 | | Ext Gam. | | r1 802. -43.4 | 12 MHz 96 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 515.000000 MH |
| 3.00 7.00 | | | | | | | | | | Start Fre 30.000000 M⊦ |
| 27.0 | | | | | | | | | -25.00 dBm | Stop Fre 1.000000000 GH |
| 37.0 | Jan Aren Jahar Jarlan | www.lawyilawa | n a la a mi ann a chuirte | n staat tatooloko | date takih kara | all man man | d file be welfor a famel | 1 | how we | CF Ste 97.000000 MI <u>Auto</u> Mi |
| 47.0 \. | | | | | | | | | | Freq Offs |
| 67.0 | 0 MHz | | | | | | | Stop 14 | 0000 GHz | |
| | 1.0 MHz | | #VBW | 1.0 MHz | | | #Sweep 🗧 | 30.0 ms (| 1001 pts) | |
| SG | | | | | | | STATUS | | | |

16QAM MODE 3/4 (2685.0 MHz) Conducted Spurious Emissions1

16QAM MODE 3/4 (2685.0 MHz) Conducted Spurious Emissions2

| 🛙 Agilent Spe | ctrum Analyze 50 Ω | r - Swept SA | | .c ser | VSE:INT | | ALIGN AUTO | 02:46:52.5 | M Mar 22, 2010 | |
|----------------------|-----------------------|---------------------------|-------------------------|--|---------------------------|------------------------------------|--|--|------------------------------|--|
| | q 1.0000 | Input: RF | | | Run | Avg Type Avg Hold: Ext Gain: | e: Log-Pwr : 10/10 | TRAC | E 123456 MWWWWW P NNNN | Frequency |
| I0 dB/div | Ref 23.0 | | | | | | М | kr1 25.0 -31.7 | 47 GHz 09 dBm | Auto Tun |
| 13.0 | | | | | | | | | | Center Fre 13.750000000 G⊢ |
| 3.00 | | | | | | | | | | Start Fre 1.000000000 GF |
| 27.0 | | | | | | | | | -25 00 dBm | Stop Fre 26.50000000 GF |
| 37.0 | Lorience another | LIN ^{TINE} NDING | to a play and an all of | m ^m ana ang ang ang ang ang ang ang ang ang | hed allow from the source | v.h.M.Jorgannell | hall for a start of the start o | nd ^h ilip ^{ang Jaw^{ang Ja}} | verahudran | CF Ste 2.550000000 GH <u>Auto</u> Ma |
| 7.0 | | | | | | | | | | Freq Offs 01 |
| itart 1.00 Res BW | | | #\/B\M | 1.0 MHz | | | Sween | Stop 2 63.8 ms (| 6.50 GHz | |
| G | | | | 10201016 | | | STATU | | 199 (p. 9) | |

| | www.hct.co.kr | | | | | |
|-----------------------------------|----------------------------------|------------------------|---------------------|--|--|--|
| Test Report No. HCTR0912FR02-2 | Date of Issue: April 05, 2010 | EUT Type: USB Modem | FCC ID: XHG-U600 | | | |
| | | | | | | |