

10.0 BAND 4 PLOTS OF EMISSIONS

Note: All bandwidths, RB configurations, and modulations were investigated. The worst case test results are reported below.



Plot 10-1. Lower Band Edge Plot (1.4MHz QPSK - RB Size 6)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
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Plot 10-2. Lower Extended Band Edge Plot (1.4MHz QPSK - RB Size 6)



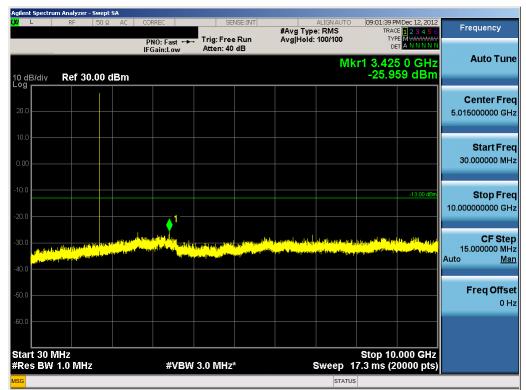
Plot 10-3. Occupied Bandwidth Plot (1.4MHz QPSK - RB Size 6)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager |
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Plot 10-4. Occupied Bandwidth Plot (1.4MHz 16-QAM - RB Size 6)



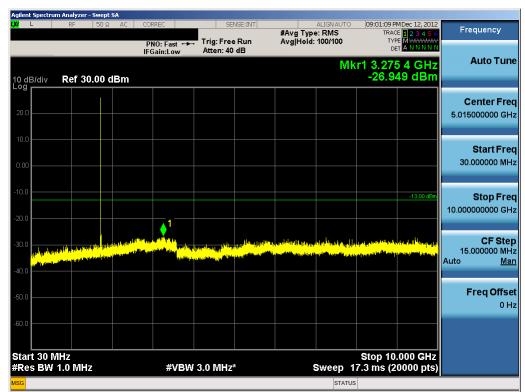
Plot 10-5. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager |
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| Agilent Specti | | - Swept SA | | | | | | | | |
|---------------------|---|------------------------------------|------------------------------|-----------------------|----------------------|--------------------------|---------------------------------|----------------------------|---|---------------------------------|
| L <mark>XI</mark> L | RF | 50 Ω AC | CORREC | SE | NSE:INT | #Avg Typ | ALIGNAUTO | | MDec 12, 2012 | Frequency |
| | | | PNO: Fast 🔸 | Trig: Free | | Avg Hold: | | TYP | E MWWWWW T A N N N N N | |
| | - | | IFGain:Low | Atten: 40 | dB | | | | | Auto Tune |
| | | | | | | | Mkr | 1 16.942 | 2 3 GHz | Autorune |
| 10 dB/div Log | Ref 30 | 0.00 dBm | | | | | | -22.0 | 95 dBm | |
| | | | | | | | | | | Conton From |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 20.0 | | | | | | | | | | 15.00000000 GHz |
| 10.0 | | | | | | | | | | |
| 10.0 | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | 10.00000000 GHz |
| | | | | | | | | | | |
| -10.0 | | | | | | | | | | |
| | | | | | | | | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | | (| 1 | | | 20.00000000 GHz |
| | | | for the particulation of the | والمراجعة والمراجع | the base of the ball | والمتأويون أليتهم ومدينه | ارم. مورية الكرامية ما يورية | المراجعة فطفا والماري | han an a | |
| -30.0 http://www. | A sector distant in the | the second the ball bit of some | day ten derbehalte der bilde | and the second second | . بيايلەندە بىداۋىتە | Na and a lither of the | No. of the second second second | أكالدور وتحالك أعتقت كالكر | anne a tha anna a | CF Step |
| . at a bill | and the state of the | and a string second and failed and | | | | | | | | 15.000000 MHz Auto Man |
| -40.0 | | | | | | | | | | Auto <u>mari</u> |
| | | | | | | | | | | _ |
| -50.0 | | | | | | | | | | Freq Offset |
| | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | |
| | | | | | | | | | | |
| Start 10. | 000 CH- | | | | | | | Stop 20 | 000 GHz | |
| #Res BM | | | #VBM | / 3.0 MHz | * | | Sweep_2 | | 000 GH2 0000 pts) | |
| MSG | | | | | | | STATUS | | pico/ | |
| WOG | | | | | | | STATUS | 1 | | |

Plot 10-6. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



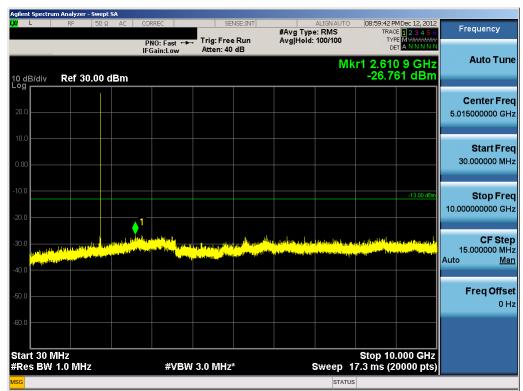
Plot 10-7. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager |
|--|----------------------------------|--|-----------------|---------------------------------|
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| Agilent Spectru | - | wept SA | | | | | | | | |
|-----------------------------|---|----------------------|-------------------------------|------------------------|--|------------------------|---|---------------------------------|---------------------------------------|--------------------------|
| LXI L | RF | 50Ω AC | CORREC | SEM | ISE:INT | #Avg Typ | ALIGNAUTO E: RMS | TRAC | MDec 12, 2012 | Frequency |
| | | | PNO: Fast 🔸 | Trig: Free | | Avg Hold: | | TYP | E M WWWWW T A N N N N N | |
| | | | IFGain:Low | Atten: 40 | αB | | B ALL | | | Auto Tune |
| | B-6.00 / | | | | | | IVIKE | 1 16.894 | 76 dBm | |
| 10 dB/div | Ref 30.0 | JU aBM | | | | | | -21.4 | o abiii | |
| | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | 15.00000000 GHz |
| | | | | | | | | | | |
| 10.0 | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | 10.000000000 GHz |
| 0.00 | | | | | | | | | | |
| -10.0 | | | | | | | | | | |
| | | | | | | | 1 | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | | ♦ | ¦ | | | 20.00000000 GHz |
| | | | etitin ta but fila a dilla bi | | and the second states of the | الالبان والماسال | lei <mark>The shake the basis</mark> | terry and the same of the | <mark>han an teacharadh an</mark> | |
| -30.0 <mark>Andlal</mark> a | and the second second | interfet Aussinger | | ند <u>داند. م</u> حدور | م ^ي فالثارين ومثالث | alistic and the second | an jara a shi ka shi ka s | l filmer e stallete en per stal | المحدين <u>المتشفون بريد</u> | CF Step 15.000000 MHz |
| , mi, den Billard | مين من من من من من من من من من المريم ال المريم المريم | allow while a stress | | | | | | | | Auto <u>Man</u> |
| -40.0 | | | | | | | | | | |
| -50.0 | | | | | | | | | | Freq Offset |
| -50.0 | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | 0 4 | 000 OU- | |
| Start 10.0 #Res BW | | | #VBW | 3.0 MHz* | : | | Sween 2 | Stop 20. 5.3 ms (2 | 000 GHz | |
| MSG | 110-11112 | | " (BN | | | | STATUS | _ | pts) | |
| | | | | | | | STATUS | | | |

Plot 10-8. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



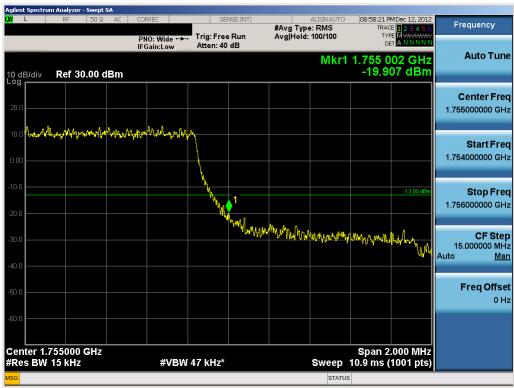
Plot 10-9. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K HOCERA | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
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| Agilent | : Spectru | | er - Swept ! | 5A | | | | | | | | |
|-------------------|--------------------------------------|---|---|------------------------|---------------------------|--|-------------|-------------------|------------------------|--|---------------------------------------|-------------------------------------|
| L <mark>XI</mark> | L | RF | 50 Ω | AC C | ORREC | | VSE:INT | #Avg Typ | | TRAC | MDec 12, 2012 | Frequency |
| | | | | | PNO: Fast ↔→ FGain:Low | Trig: Free Atten: 40 | | Avg Hold: | : 100/100 | TYP DE | E M WWWWW T A N N N N N | |
| | | | | | Connective | | | | Mki | 1 16.92 | 5 3 GHz | Auto Tune |
| 10 di | 3/div | Ref∶ | 30.00 d | Bm | | | | | | 1 16.928 -21.39 | 33 dBm | |
| Log | | | | | | | | | | | | |
| 20.0 | | | | | | | | | | | | Center Freq 15.00000000 GHz |
| | | | | | | | | | | | | 15.00000000 GH2 |
| 10.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | Start Freq 10.00000000 GHz |
| 0.00 | | | | | | | | | | | | 10.00000000 GHz |
| -10.0 | | | | | | | | | | | | |
| 10.0 | | | | | | | | | | | -13.00 dBm | Stop Freq 20.00000000 GHz |
| -20.0 | | | | | | | | | <u> </u> | | | 20.000000000 GHz |
| | | | | | | in a prime in the design of | de le de la | a data witabilati | | neve feddiwy die | | CF Step |
| -30.0 | in a bhairte Martin an tha an tha | ah daharan <mark>Angring Series</mark> | de trablechen berdagt. <mark>Nacht de Kannensennen berdagt.</mark> | With the second second | | الغر _{ار خ} ائف _د ر میاوند | | A A COMPANY | aletteres, this is the | na si na Na si na s | NAME OF TAXABLE POINT | 15.000000 MHz |
| -40.0 | | | | | | | | | | | | Auto <u>Man</u> |
| 10.0 | | | | | | | | | | | | |
| -50.0 | | | | | | | | | | | | Freq Offset |
| | | | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | 00 GH 1.0 M | | | #1/D14/ | 3.0 MHz ^a | | | Curoon (| Stop 20. | 000 GHz | |
| | SDW | 1.0 141 | ΠZ | | #V DVV | 3.0 19182 | | | | 25.3 ms (2 | oooo pis) | |
| MSG | | | | | | | | | STATU | s | | |

Plot 10-10. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



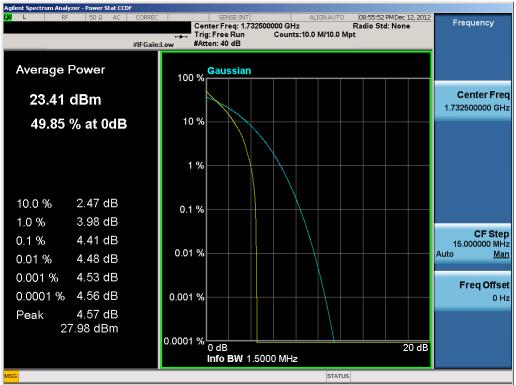
Plot 10-11. Upper Band Edge Plot (1.4MHz QPSK - RB Size 6)

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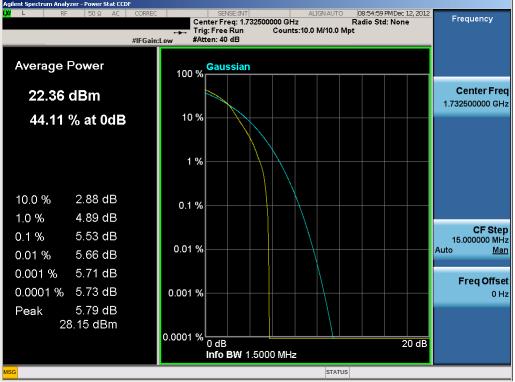
Plot 10-12. Upper Extended Band Edge Plot (1.4MHz QPSK - RB Size 6)



Plot 10-13. PAR Plot (1.4MHz QPSK – RB Size 6)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | 1 КУОСЕКА | Reviewed by: Quality Manager |
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Plot 10-14. PAR Plot (1.4MHz 16-QAM - RB Size 6)



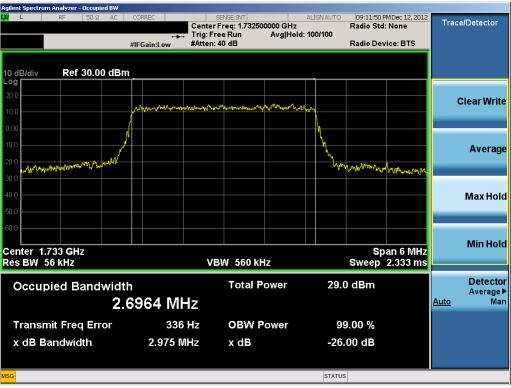
Plot 10-15. Lower Band Edge Plot (3.0MHz QPSK – RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | 1 КУОСЕRа | Reviewed by: Quality Manager |
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Plot 10-16. Lower Extended Band Edge Plot (3.0MHz QPSK - RB Size 15)



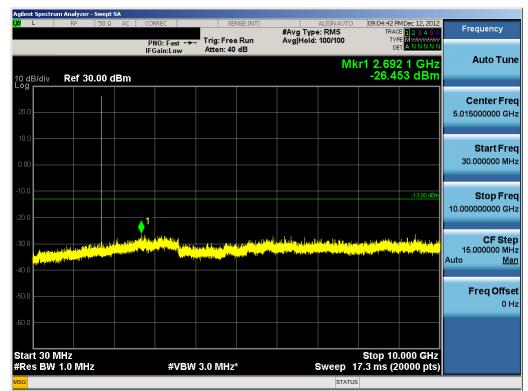
Plot 10-17. Occupied Bandwidth Plot (3.0MHz QPSK - RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | <mark>12</mark> КУОСЕRа | Reviewed by: Quality Manager |
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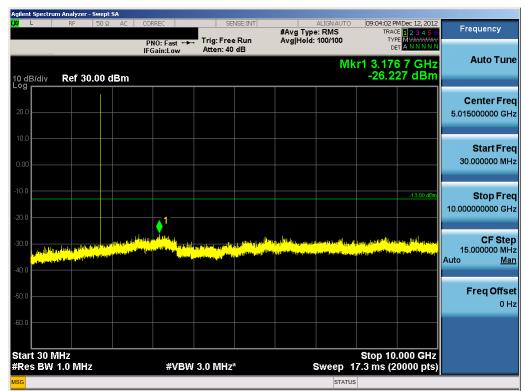
Plot 10-19. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERA | Reviewed by: Quality Manager | | |
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| Agilent Spectru | - | ept SA | | | | | | | | |
|--------------------------------|--|--|-----------------------------|--|-----------------------|----------------------------------|----------|-------------------------|----------------------|--------------------------------------|
| <mark>lXI</mark> L | RF 5 | ioΩ AC | CORREC | | ISE:INT | #Avg Typ | | TRACI | 1Dec 12, 2012 | Frequency |
| | | | PNO: Fast +++ IFGain:Low | Trig: Free Atten: 40 | | Avg Hold: | 100/100 | DE | | |
| | | | | | | | Mkr | 1 17.052 | 4 GHz | Auto Tune |
| 10 dB/div Log | Ref 30.0 | 0 dBm | | | | | | -21.91 | 7 dBm | |
| | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | 15.000000000 GHz |
| 10.0 | | | | | | | | | | |
| | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | 10.000000000 GHz |
| -10.0 | | | | | | | | | -13.00 dBm | Oton Enon |
| | | | | | | | <u>1</u> | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -20.0 | | | | | ilian materi | | | الأربي ورغانا وارتحانات | المر منظم الم | |
| -30.0 <mark>.19.0.00000</mark> | الدايم اربر ويسأقواني | an thun day th | | الله والقاطع فاطلع وي الله <u>والقطع ومنفقو باع</u> | and the second second | Contraction of the second second | | | | CF Step |
| , the set of second set | and the second | م الله في التي من الله من الله من الله من الله من الله من الله | | | | | | | | 15.000000 MHz Auto <u>Man</u> |
| -40.0 | | | | | | | | | | |
| -50.0 | | | | | | | | | | Freq Offset |
| | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | |
| | | | | | | | | | | |
| Start 10.0 #Res BW | | | #VBW | 3.0 MHz* | | | Sweep 2 | .92 Stop 25.3 ms (2 | 000 GHz 0000 pts) | |
| MSG | | | | | | | STATUS | - | | |

Plot 10-20. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



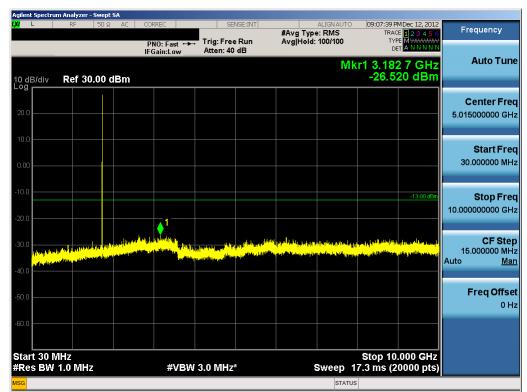
Plot 10-21. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | & KYOCERa | Reviewed by: Quality Manager | | |
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| | rum Analyzer | - Swept SA | | | | | | | | |
|--------------------------|--|------------|---|--|---------------------------------|------------------|----------------------|--|---|------------------|
| L <mark>XI</mark> L | RF | 50 Ω AC | CORREC | SEP | VSE:INT | #Avg Typ | ALIGNAUTO B. RMS | TRAC | MDec 12, 2012 E <mark>1 2 3 4 5 6</mark> | Frequency |
| | | | PNO: Fast 🔸 | . Trig: Free | | Avg Hold: | | TYP | E MWWWWWW T A N N N N N | |
| | | | IFGain:Low | Atten: 40 | dB | | | | | Auto Tune |
| | | | | | | | Mkr | 1 16.978 | 38 GHz | Autorune |
| 10 dB/div Log | | | | | | | | эџ авт | | |
| | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | 15.000000000 GHz |
| | | | | | | | | | | |
| 10.0 | | | | | | | | | | |
| | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | 10.00000000 GHz |
| | | | | | | | | | | |
| -10.0 | | | | | | | | | -13.00 dBm | Stop Freq |
| | | | | | | | 1 | | | 20.000000000 GHz |
| -20.0 | | | | | | | - | | | |
| | | | lateles of the other burn to b | ulding data bi | | build a state of | | delen plaat dii biy ja buli Tiyo ay ay ay ay ay ay ay | | CF Step |
| -30.0 <mark>udate</mark> | del control del moder de la del Maria de la control de la del maria | | and the second states and the second states and | اللور يعالمو _{ن ل} ور عليك _{وروني} اللور يعالمون لوري الم | alili _{te so} ntifitè. | Arefibil | فتعالي الشفير إعراقا | | | 15.000000 MHz |
| | only in the second | | | | | | | | | Auto <u>Man</u> |
| -40.0 | | | | | | | | | | |
| -50.0 | | | | | | | | | | Freq Offset |
| -30.0 | | | | | | | | | | - 0 Hz |
| -60.0 | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | .000 GHz | | -43 (15) 44 | | | | | | 000 GHz | |
| _ | V 1.0 MH: | 2 | #VBW | 3.0 MHz* | | | | | 0000 pts) | |
| MSG | | | | | | | STATUS | 6 | | |

Plot 10-22. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



Plot 10-23. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager | | |
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| Agilent Spectru | | | | | | | | | | |
|---------------------------------------|---------|---------|--|--|-----------------|----------|------------|---|--|--|
| LXI L | RF | 50Ω AC | CORREC | . | | #Avg Typ | | 09:06:19 PM TRACI | 1Dec 12, 2012 1 2 3 4 5 6 M WWWWW A N N N N N | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Trig: Free Atten: 40 | | Avg Hold | 100/100 | DE | ANNNN | |
| 10 dB/div Log | Ref 30. | .00 dBm | | | | | Mkr | 1 17.049 -22.00 | 9 GHz)6 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | ↓ 1 | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 <mark>(ht.ed.</mark>) -40.0 | | | With a lot of the state of a state of the st | la la ser ^{de} la cia de la cia de la cia na cia de la cia de la Na cia de la | alifei ya shiki | | | aller og flat tokket og og fallen at de Transformande for det af seg store at de | | CF Step 15.000000 MHz Auto <u>Man</u> |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | | | |
| Start 10.0 #Res BW | | | #VBV | v 3.0 MHz* | ; | | Sweep 2 | Stop 20. 5.3 ms (20 | 000 GHz 0000 pts) | |
| MSG | | | | | | | STATUS | | | |

Plot 10-24. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



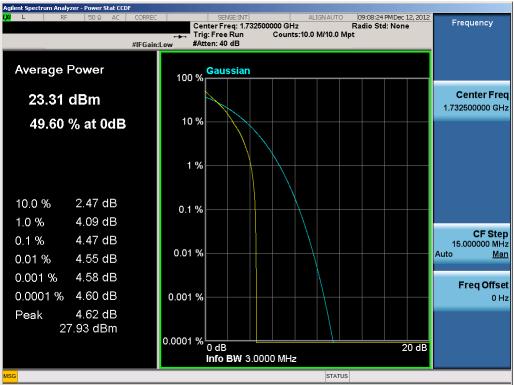
Plot 10-25. Upper Band Edge Plot (3.0MHz QPSK - RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
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| Test Report S/N: | Test Dates: | EUT Type: | | Degra 117 of 162 |
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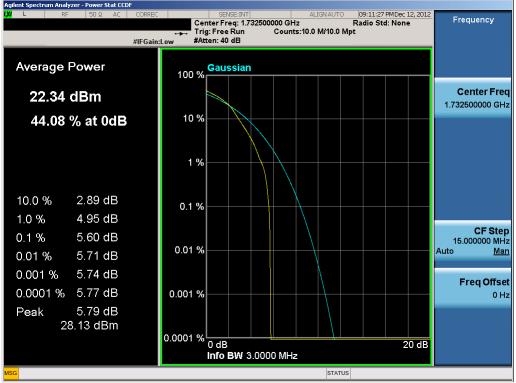
Plot 10-26. Upper Extended Band Edge Plot (3.0MHz QPSK - RB Size 15)



Plot 10-27. PAR Plot (3.0MHz QPSK – RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 110 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | Page 118 of 163 | |
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Plot 10-28. PAR Plot (3.0MHz 16-QAM - RB Size 15)



Plot 10-29. Lower Band Edge Plot (5.0MHz QPSK - RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|---------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 110 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 119 of 163 |
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| | n Analyzer - Sw | | - | | | | | | | |
|-----------------------|--|--|---------------------------|-------------------------|---------|-----------|------------------|------------------------------|--|--|
| <mark>XI</mark> L | RF 5 | DΩ AC | CORREC | SEI | VSE:INT | #Avg Type | ALIGNAUTO RMS | 09:25:57 P | MDec 12, 2012 | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Trig: Free Atten: 40 | | | | | E 123456 E M WWWW T A N N N N N | A |
| 10 dB/div Log | Ref 30.0 | 0 dBm | | | | | Mkr1 | 1.708 9 -13.0 | 96 GHz 01 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 1.707000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 1.705000000 GHz |
| -10.0 | | | | | | | | | -13.00 dBn | Stop Freq 1.709000000 GHz |
| -30.0 | - and the second se | and the second | man | | | | | | | CF Step 15.000000 MH Auto <u>Mar</u> |
| -40.0 | | | | | | | | | | Freq Offse |
| -60.0 | | | | | | | | | | |
| Start 1.70 #Res BW | | | #VBV | V 3.0 MHz | | | Si #Sweep | top 1.709 3.00 <u>s (</u> | 0000 GHz 1001 pts) | |
| MSG | | | | | | | STATUS | | | |

Plot 10-30. Lower Extended Band Edge Plot (5.0MHz QPSK - RB Size 25)



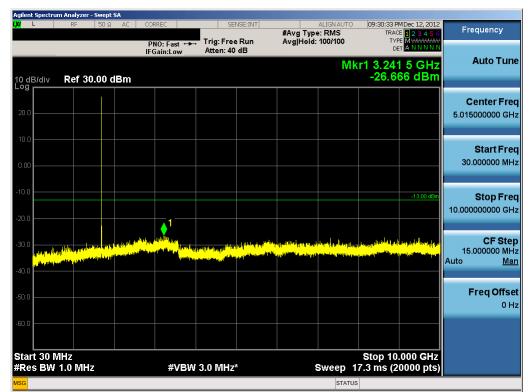
Plot 10-31. Occupied Bandwidth Plot (5.0MHz QPSK - RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | « КУОСЕRа | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 120 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 120 of 163 |
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Plot 10-32. Occupied Bandwidth Plot (5.0MHz 16-QAM - RB Size 25)



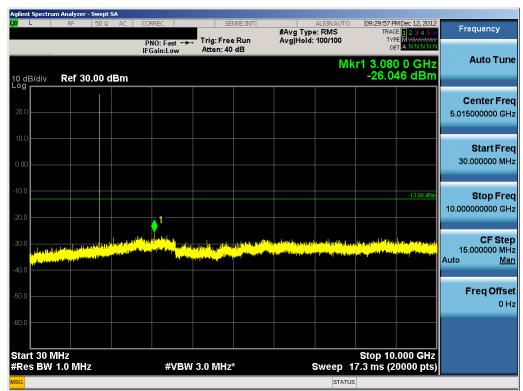
Plot 10-33. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager | | |
|---------------------------|--|--|---------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 121 of 163 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Fage 121 01 103 | | |
| © 2013 PCTEST Engineering | © 2013 PCTEST Engineering Laboratory, Inc. | | | | | |



| Agilent Spectru | | | | | | | | | _ |
|---|--|--|--------------------------------|------------|----------------------------------|----------------------|---------|---|---|
| LX/L | RF | 50 Ω AC | CORREC | | | #Avg Typ Avg Hold | | 09:31:31 PMDec 12, 20: TRACE 12 3 4 5 TYPE MWWWW DET A N N N N | Frequency |
| | | | PNO: Fast IFGain:Low | Atten: 40 | | Avginoia | 100/100 | DET | |
| 10 dB/div Log | Ref 30. | .00 dBm | | | | | Mkr | 1 17.021 4 GH -21.786 dBn | z Auto Tune 1 |
| 20.0 | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | 1 | -13.00 dB | Stop Freq 20.000000000 GHz |
| and a state of the second s | a di addi a sa pabaa Maria a sa pabaa | ha han han an a | ligiliaitean gast been taken t | | addi baadaadaa Aaraa aaraa aa | | | et ling og de ling om de gjobeling og se men er sen er Henne og se hæge se sek blivet sen at hanne gener | CF Step 15.000000 MHz Auto <u>Man</u> |
| -40.0 | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | | |
| Start 10.0 #Res BW | | | #VE | 3W 3.0 MHz | * | | Sweep 2 | Stop 20.000 GH 5.3 ms (20000 pts | 2 |
| MSG | | | | | | | STATUS | 1 | |

Plot 10-34. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



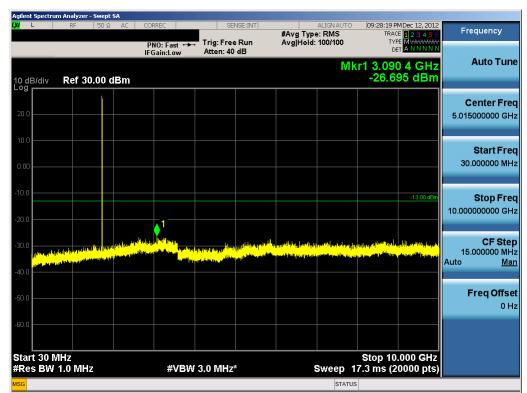
Plot 10-35. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|---------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 100 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 122 of 163 |
| © 2013 PCTEST Engineering | | REV 4.4AWSC | | |



| Agilent Spectru | | | | | | | | | | |
|-------------------|----------|---|-----------------------------|---|---|-----------|------------|----------------------|--|---|
| <mark>XI</mark> L | RF | 50Ω AC | CORREC | | ISE:INT | #Avg Typ | | TRAC | MDec 12, 2012 | Frequency |
| | | | PNO: Fast +++ IFGain:Low | Trig: Free Atten: 40 | | Avg Hold: | | | | Auto Tune |
| 10 dB/div Log | Ref 30.0 | 0 dBm | | | | | Mkr | 1 17.072 -21.70 | 2 9 GHz 05 dBm | Autorune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | ↓ 1 | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 add topo | | dag baga bar da nasada da da sa | | اللي والأرام ويليا (أن يعن كاني والعني ومنها من ال | te <mark>ili</mark> t, and title, . | | | tildigg of the state | an a | CF Step 15.000000 MHz Auto <u>Man</u> |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | 00 GHz | | | | | | | Stop 20. | 000 GHz | |
| #Res BW | | | #VBW | 3.0 MHz* | | | Sweep 2 | :5.3 ms (2 | 0000 pts) | |
| MSG | | | | | | | STATUS | 6 | | |

Plot 10-36. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



Plot 10-37. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager | | | |
|---------------------------|--|--|-----------------|---------------------------------|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 122 of 162 | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 123 of 163 | | | |
| © 2013 PCTEST Engineering | © 2013 PCTEST Engineering Laboratory, Inc. | | | | | | |



| Agilent Spectr | | - Swept SA | | | | | | | | |
|----------------------|---|---|---|---|------------------|-----------|---------|--|---|---|
| LXI L | RF | 50 Ω AC | CORREC | | SE:INT | #Avg Type | | TRACI | 1Dec 12, 2012 | Frequency |
| | | | PNO: Fast 🔸 IFGain:Low | Trig: Free Atten: 40 d | | Avg Hold: | 100/100 | DE | | |
| 10 dB/div | Ref 3 | 0.00 dBm | | | | | Mkr | 1 16.930 -21.6 | 8 GHz 57 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | 1 | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 | forticles of a factor of the second of the second | , step i i i produktelog konstantist Step dage statistica statistica statistica Step dage statistica statistica statistica statistica statistica statistica statistica statistica statistica st | Upflagna jeznek konstantije Verstanov postantije predstati | ale of an a SAN (and an an a | ada a kindi da g | | | i i fan ji belen terreteji i Nê heren sekinî, ser a si bê î | <mark>ing_{er an}niel it den sie der</mark> e | CF Step 15.000000 MHz Auto <u>Man</u> |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | | | |
| Start 10. #Res BW | | | #VBW | 3.0 MHz* | | | Sweep 2 | Stop 20. 5.3 ms (20 | 000 GHz 0000 pts) | |
| MSG | | | | | | | STATUS | | | |

Plot 10-38. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



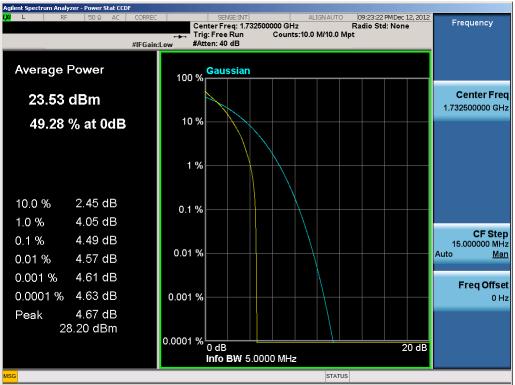
Plot 10-39. Upper Band Edge Plot (5.0MHz QPSK - RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 104 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 124 of 163 |
| © 2013 PCTEST Engineering | | REV 4.4AWSC | | |



| Agilent Spectrum Analyzer - Swept SA | | | | | |
|--|--------------|--------------------------------|----------------|--|---------------------------|
| 🗶 L RF 50Ω AC | CORREC | SENSE:INT | ALIGNAUTO | | Frequency |
| | PNO: Fast ↔→ | Trig: Free Run Atten: 40 dB | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE M WWWWW DET A N N N N N | |
| | IFGalli.LUW | nacen. 40 ab | Mke | 1 1 756 000 CHz | Auto Tune |
| 10 dB/div Ref 30.00 dBm | | | IVIKI | 1 1.756 000 GHz -14.055 dBm | |
| | | | | | |
| | | | | | Center Freq |
| 20.0 | | | | | 1.758000000 GHz |
| | | | | | |
| 10.0 | | | | | Start Freq |
| 0.00 | | | | | 1.756000000 GHz |
| 0.00 | | | | | |
| -10.0 1 | | | | | |
| | | | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | 1.760000000 GHz |
| The same and the s | | **** | | | |
| -30.0 | | | | | CF Step |
| | | | | | 15.000000 MHz Auto Man |
| -40.0 | | | | | |
| | | | | | Freq Offset |
| -50.0 | | | | | 0 Hz |
| | | | | | 0112 |
| -60.0 | | | | | |
| | | | | | |
| Start 1.756000 GHz | | | | Stop 1.760000 GHz | |
| #Res BW 1.0 MHz | #VBW : | B.0 MHz | #Swee | ep 3.00 s (1001 pts) | |
| MSG | | | STAT | JS | |

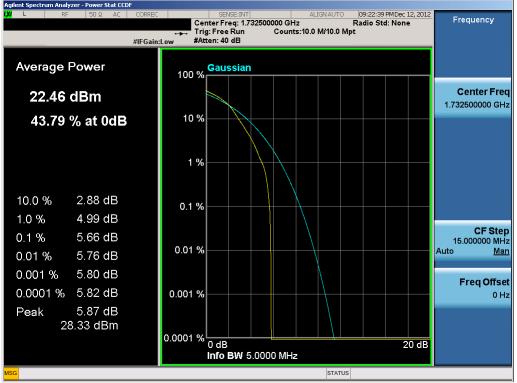
Plot 10-40. Upper Extended Band Edge Plot (5.0MHz QPSK - RB Size 25)



Plot 10-41. PAR Plot (5.0MHz QPSK – RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 125 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | Page 125 of 163 | |
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Plot 10-42. PAR Plot (5.0MHz 16-QAM - RB Size 25)



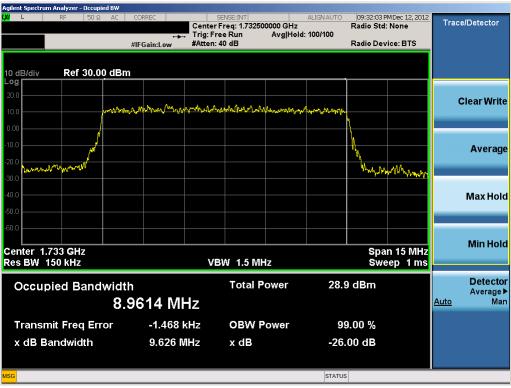
Plot 10-43. Lower Band Edge Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | 1 КУОСЕRа | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 126 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | Page 126 of 163 | |
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| | m Analyzer - Swe | - | | | | | | | | |
|-----------------------|---|--|--|--------------------------|---------|-----------|--------------|---|---|--|
| <mark>X/</mark> L | RF 50 | Ω AC | CORREC | SEN | VSE:INT | | ALIGN AUTO | | MDec 12, 2012 | Frequency |
| | | | PNO: Fast +++ IFGain:Low | Trig: Free Atten: 40 | | #Avg Type | E: RIVIS | TYP | E 1 2 3 4 5 6 E M WWWW T A N N N N N | |
| 10 dB/div Log | Ref 30.00 |) dBm | | | | | Mkr1 | 1.708 9 -21.3 | 92 GHz 43 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 1.707000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 1.705000000 GHz |
| -10.0 | | | | | | | | 1927-102 - 10 - 10 - 10 - 10 - 10 - 10 - 10 | -13.00 dBm 1 | Stop Freq 1.709000000 GHz |
| -30.0 | happon (19) (Prinches des des des des des des des des des d | <u>u / Ja-brothelin</u> / ho / Brothelin / | er at som for for an at som for the source of the source o | €D-4344+0407+3845+6044+4 | | | | | | CF Step 15.000000 MHz Auto <u>Man</u> |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | | | |
| Start 1.70 #Res BW | 5000 GHz 1.0 MHz | | #VBW | 3.0 MHz | | | St #Sweep | top 1.709 3.00 s (| 1000 GHz 1001 pts) | |
| MSG | | | | | | | STATUS | | | |

Plot 10-44. Lower Extended Band Edge Plot (10.0MHz QPSK - RB Size 50)



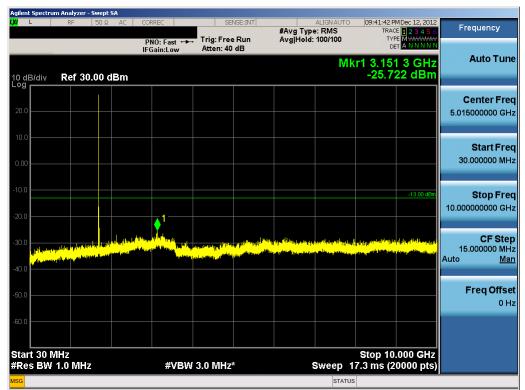
Plot 10-45. Occupied Bandwidth Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 107 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | Page 127 of 163 | |
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Plot 10-46. Occupied Bandwidth Plot (10.0MHz 16-QAM - RB Size 50)



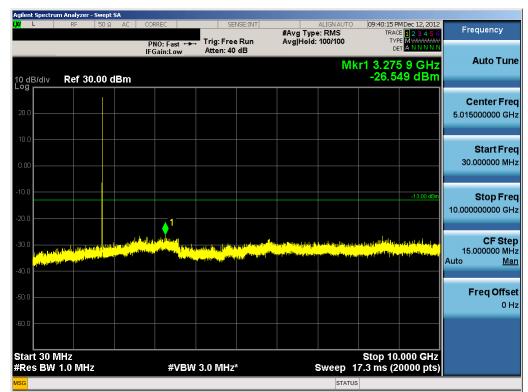
Plot 10-47. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0- Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager | | | |
|---------------------------|--|--|---------|---------------------------------|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 128 of 163 | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 126 01 163 | | | |
| © 2013 PCTEST Engineering | © 2013 PCTEST Engineering Laboratory, Inc. | | | | | | |



| PNO: Fast | Agilent Spectru | | | | | | | | | |
|---|-----------------|----------|--|-------|-----------|---|---------|-------------------------------|--------------------------------------|--|
| Mkr1 16.782 8 GHz -21.641 dBm Auto Tune 0 d6/div Ref 30.00 dBm Center Freq 15.0000000 GHz 0 0 Image: Start Freq 10.000 Image: Start Freq 10.0000000 GHz 10 0 Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 10 0 Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 10 0 Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 10 0 Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 10 0 Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 10 0 Image: Start Start Freq 10.0000000 GHz Image: Start Start Freq 10.0000000 GHz 10 0 Image: Start Start Start Freq 10.0000000 GHz Image: Start Start Start Start Start Start Freq 10.0000000 GHz 10 0 Image: Start | LXI L | RF | 50Ω AC | | . | | e: RMS | 09:41:17 PMD TRACE TYPE | ec 12, 2012 | Frequency |
| 200 Image: Conter Freq 15.00000000 GHz 200 Image: Conter Freq 15.00000000 GHz 100 Image: Conter Freq 15.0000000 GHz 100 Image: Conter Freq 15.0000000 GHz 100 Image: Conter Freq 15.000000 GHz 100 Image: Conter Freq 15.00000 GHz 100 Image: Conte | 10 dB/div | Ref 30 | .00 dBm | | | | | 1 16.782 | 8 GHz | Auto Tune |
| Start Freq Start Start Freq Start Freq Start Start Freq Start Start | 20.0 | | | | | | | | | Center Freq 15.000000000 GHz |
| 200 201 202 203 204 204 204 204 204 205 205 205 205 205 205 205 205 | 0.00 | | | | | | | | | |
| 3000 Internet intern | -10.0 | | | | | • | | | | Stop Freq 20.000000000 GHz |
| 60.0 GHz Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 25.3 ms (20000 pts) | | | l travel Hoten (p. et Årsketer Geografie (f. et aller) Geografie (f. et aller) | | | | | | <mark>الالدىن بى خاتاناتىرى ي</mark> | CF Step 15.000000 MHz Auto <u>Man</u> |
| Start 10.000 GHz Stop 20.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 25.3 ms (20000 pts) | -50.0 | | | | | | | | | Freq Offset 0 Hz |
| | | | | #)/P) | | | Swoon-9 | Stop 20.0 | 00 GHz | |
| | | 1.0 WIHZ | | #VB(| v 5.0 MHZ | | | | oo pts) | |

Plot 10-48. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



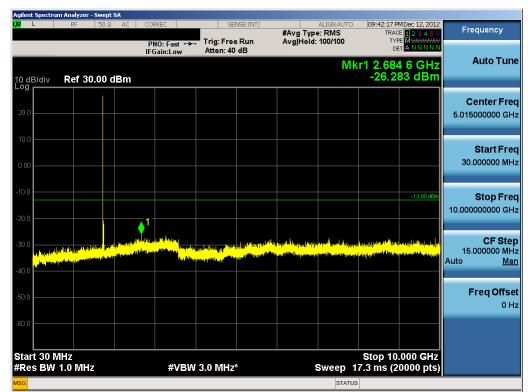
Plot 10-49. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | 🔇 KYOCERƏ | Reviewed by: Quality Manager | | |
|--|----------------------------------|--|-----------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 129 of 163 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 129 01 163 | | |
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| Agilent Spectru | | | | | | | | - | | |
|-----------------------|--|--|--|---------------------------------------|---------------------------------------|----------------------|-----------|---|--|---|
| XIL | RF | 50Ω AC | CORREC | | NSE:INT | #Avg Typ Avg Hold | | 09:40:41 PN TRACE | 1Dec 12, 2012 1 2 3 4 5 6 M WWWWW A N N N N N | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Atten: 40 | | Avginoia | . 100/100 | DEI | ANNNNN | |
| 10 dB/div Log | Ref 30. | 00 dBm | | | | | Mkr | 1 16.987 -22.41 | 8 GHz 9 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | 1 | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 | adultati a consta bio Angente constability | a ta put ka ang barantar Kana ang kuta ng put ka sa | a datum da serie da la compañía A transmiser polar o da serie da serie da serie da serie da serie da serie da s | a a a a a a a a a a a a a a a a a a a | artista (nee star) antenne starten | | | li da terra de la gran a telefon Velancia ya setta per provede t | | CF Step 15.000000 MHz Auto <u>Man</u> |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | | | |
| Start 10.0 #Res BW | | | #VBV | V 3.0 MHz | \$ | | Sweep 2 | Stop 20. 5.3 ms (20 | 000 GHz 0000 pts) | |
| MSG | | | | | | | STATUS | - | | |

Plot 10-50. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



Plot 10-51. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | & KYOCERa | Reviewed by: Quality Manager | | | |
|--|----------------------------------|--|-----------|---------------------------------|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 130 of 163 | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 130 01 163 | | | |
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| | trum Analyz | | | - | - | - | | | | | |
|---------------------|--------------------------------|-----------------|--|--|------------------------------------|---|--|--|---|--|--------------------------|
| <mark>lXI</mark> L | RF | 50 Ω | AC CO | RREC | | VSE:INT | #Avg Typ | | TRAC | 4Dec 12, 2012 | Frequency |
| | | | | NO: Fast 🔸 | Trig: Free Atten: 40 | | Avg Hold | : 100/100 | TYP DE | | |
| | | | | | | | | Mk | r1 17.087 | 4 GHz | Auto Tune |
| 10 dB/div Log | / Ref | 30.00 di | Bm | | | | | | -21.70 | 62 dBm | |
| -09 | | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | | 15.000000000 GHz |
| | | | | | | | | | | | |
| 10.0 | | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | | 10.000000000 GHz |
| | | | | | | | | | | | |
| -10.0 | | | | | | | | | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | | | | ≜ 1 | | | 20.00000000 GHz |
| | | | | | a sugar states and | And the state of the | والسنية لأوسدهما | المالية المروية بعروا الم | والمريز ورقاعته وروا ألواله وال | والمرور والالتأمل والله | |
| -30.0 <mark></mark> | dalan dan pur | a dahar yuku ba | , daala di | i g la Brassa (na ha da a sa a la basa Ng kang sa | الله . مطلق و <u>سو . هالي و .</u> | der filten genetikten g | a and the second se | and a second | and the second secon | in an air an | CF Step 15.000000 MHz |
| | haling a deallard and a second | | | | | | | | | | Auto <u>Man</u> |
| -40.0 | | | | | | | | | | | |
| -50.0 | | | | | | | | | | | Freq Offset |
| | | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| |).000 GH W 1.0 M | | | #\/R\/ | 3.0 MHz* | | | Sween | Stop 20. 25.3 ms (2 | 000 GHz | |
| MSG | W RUIN | | | # 9 D 9 9 | 5.0 191112 | | | STATU | | | |
| | | | | | | | | | | | |

Plot 10-52. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



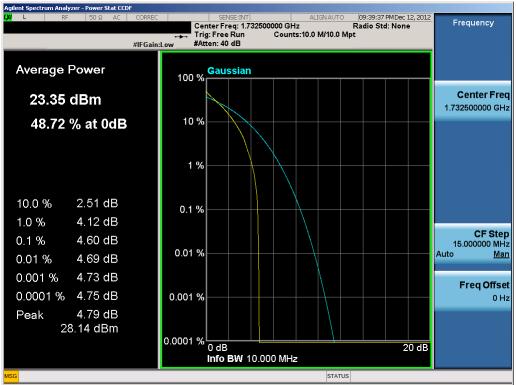
Plot 10-53. Upper Band Edge Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | « КУОСЕRа | Reviewed by: Quality Manager | | |
|--|----------------------------------|--|------------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 121 of 162 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 131 of 163 | | |
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| Agilent Spectru | | | | | | | | | | |
|-----------------------|---|---|---------------------------|---|---------|--|---------------------|--------------------------------------|---|---|
| <mark>XI</mark> L | RF | 50 Ω AC | CORREC | SE | VSE:INT | #Avg Typ | ALIGNAUTO P. RMS | | MDec 12, 2012 | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Atten: 40 | | | | DE | E 1 2 3 4 5 6 E M WWWW T A N N N N N | |
| 10 dB/div Log | Ref 30 | .00 dBm | | | | | Mkr1 | 1.756 0 -23. | 00 GHz 30 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 1.758000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 1.756000000 GHz |
| -10.0 | | | | | | | | | -13.00 dBm | Stop Freq 1.760000000 GHz |
| -30.0 | ¹⁰ /10/49/49/45/45/45/45/45/45/45/45/45/45/45/45/45/ | 2 ¹ 879494937937887887884944989393 | | enty formation (to prove any equation) | | •••••••••••••••••••••••••••••••••••••• | | 19-13-18 مارد هو مارد مارد و مرد و م | ₩₩.₩ | CF Step 15.000000 MHz Auto <u>Man</u> |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | 6000 01 | | | | | | | ton 1 760 | | |
| Start 1.75 #Res BW | 1.0 MHz | 12 | #VBV | V 3.0 MHz | | | #Sweep | 3.00 s (| 1000 GHz 1001 pts) | |
| MSG | | | | | | | STATUS | | | |

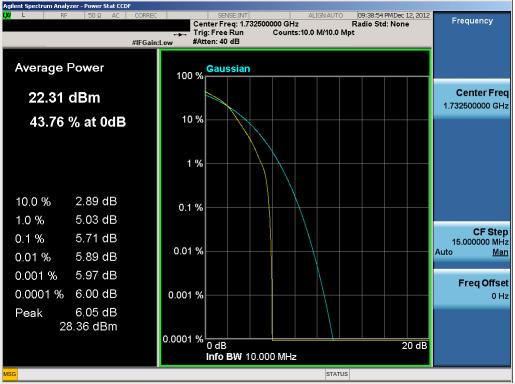




Plot 10-55. PAR Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager | | |
|--|----------------------------------|--|---------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 122 of 162 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 132 of 163 | | |
| 2013 PCTEST Engineering Laboratory, Inc. | | | | | | |





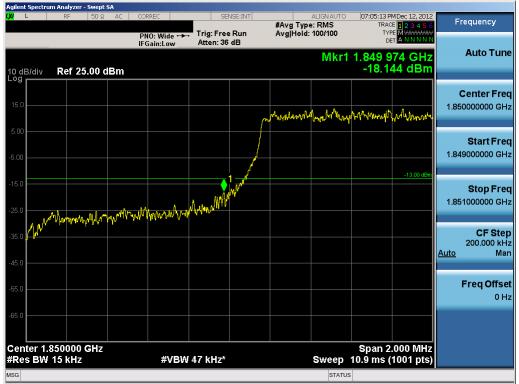
Plot 10-56. PAR Plot (10.0MHz 16-QAM - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager | | | |
|---------------------------|--|--|---------|---------------------------------|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 122 of 162 | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 133 of 163 | | | |
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11.0 BAND 2 PLOTS OF EMISSIONS

Note: All bandwidths, RB configurations, and modulations were investigated. The worst case test results are reported below.



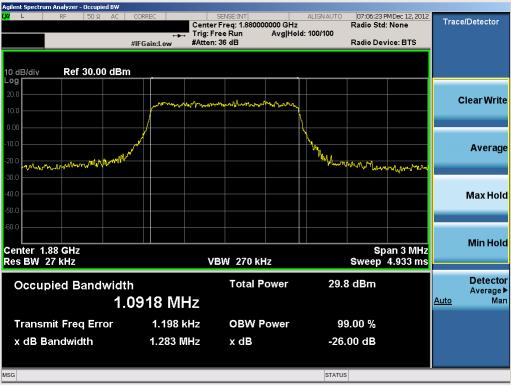
Plot 11-1. Lower Band Edge Plot (1.4MHz QPSK – RB Size 6)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager | | |
|--|----------------------------------|--|-----------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 124 of 162 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 134 of 163 | | |
| © 2013 PCTEST Engineering Laboratory, Inc. | | | | | | |





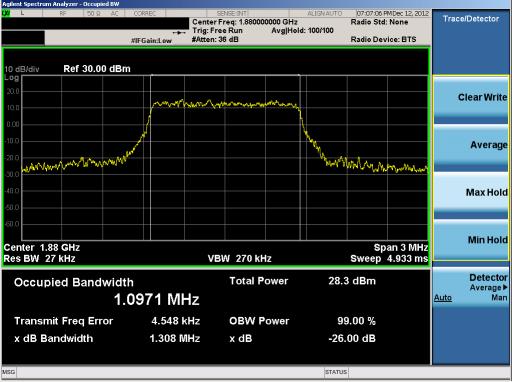
Plot 11-2. Lower Extended Band Edge Plot (1.4MHz QPSK - RB Size 6)



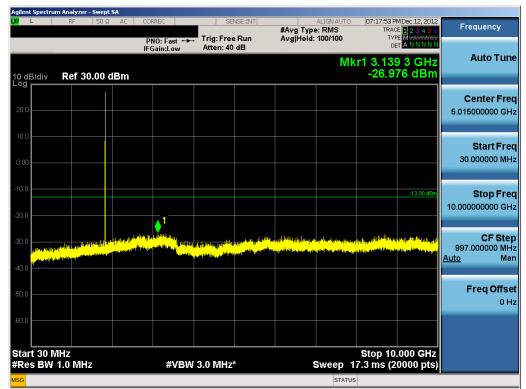
Plot 11-3. Occupied Bandwidth Plot (1.4MHz QPSK – RB Size 6)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | <mark>12</mark> КУОСЕRа | Reviewed by: Quality Manager | | |
|--|----------------------------------|--|-------------------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 125 of 162 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 135 of 163 | | |
| © 2013 PCTEST Engineering Laboratory, Inc. | | | | | | |









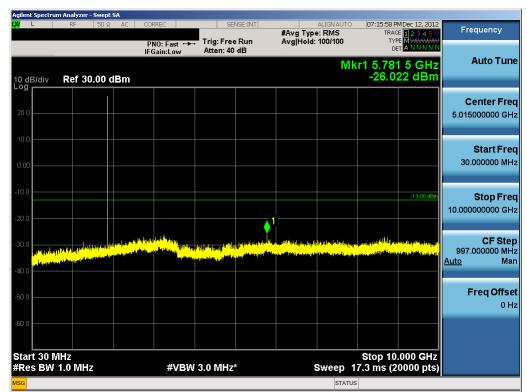
Plot 11-5. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | 🔇 KYOCERa | Reviewed by: Quality Manager | | |
|--|----------------------------------|--|-----------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 136 of 163 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Fage 130 01 103 | | |
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| PN0: Fast Trig: Free Run IF Gain: Low Free Run Aveg Hold: 100/100 Trig: Free Run Aveg Hold: 100/100 Auto Tune Aveg Hold: 100/100 000 | Agilent Spectru | | | | | | | | | |
|--|--|--------|---|--|------------|----|---------|------------------------------|----------------------------|--|
| Mkr1 16.958 3 GHz -18.997 dBm Auto Tune 0 dB/div Ref 30.00 dBm Center Freq 15.00000000 GHz 0 d Image: Start Freq 10.000 Image: Start Freq 10.0000000 GHz 0 d Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 0 d Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 0 d Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 0 d Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 0 d Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 0 d Image: Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 0 d Image: Start Start Freq 10.0000000 GHz Image: Start Freq 10.0000000 GHz 0 d Image: Start Start Freq 10.0000000 GHz Image: Start Start Freq 10.0000000 GHz 0 d Image: Start | 1 <mark>,X/</mark> L | RF | 50Ω AC | | . | | e: RMS | 07:17:19 PM TRACE TYPE | Dec 12, 2012 1 2 3 4 5 6 M | Frequency |
| 200 Image: Start Frequency of the start of the sta | 10 dB/div | Ref 30 | .00 dBm | | | 01 | | 1 16.968 | 3 GHz | Auto Tune |
| Start Freq Start Start Freq Start Start Freq Start Start Freq Start Start Freq Start Start Start Freq Start Start | 20.0 | | | | | | | | | Center Freq 15.000000000 GHz |
| 200 1 Stop Freq 20.0 1 Stop Freq 20.0 1 Stop Freq 20.000000000 GHz 20.000000000 GHz 20.00000000 GHz 20.000000000 GHz 20.00000000 GHz 20.000000000 GHz 20.000000000 GHz 20.00000000 GHz 20.00000000 GHz 20.000000000 GHz 20.00000000 GHz 20.00000000 GHz 20.00000000 GHz 20.00000000 GHz 20.0000 GHz 20.0000 GHz 20.0000 GHz 20.0000 GHz 20.0000 GHz 20.0000 GHz 20.0000 GHz 20.0000 GHz 20.0000 GHz 20.000 GHz 20.0000 GHz 20.0000 GHz 20.000 GHz 2 | 0.00 | | | | | | | | | Start Freq 10.000000000 GHz |
| Auto Mar Auto Mar 60.0 50.0 | -10.0 | | | | | | 1 | | | Stop Freq 20.000000000 GHz |
| 60.0 GHz Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 25.3 ms (20000 pts) | -30.0 <mark>Polatinita</mark> 76,10 ^{10,000} | | nga kepta basi (ili a)ti Agasaring syasaring | n a din a baha di saka di da baha sa saki Na sa | | | | and the second second | 10.00 | CF Step 1.000000000 GHz <u>Auto</u> Man |
| Start 10.000 GHz Stop 20.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 25.3 ms (20000 pts) | -50.0 | | | | | | | | | Freq Offset 0 Hz |
| | | | | #\/B\ | V 2 0 MIL- | | Swoon 3 | Stop 20.0 | 000 GHz | |
| | #Res DW | | | #VDV | ¥ 3.0 MIHZ | | | | ooo-pis) | |

Plot 11-6. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



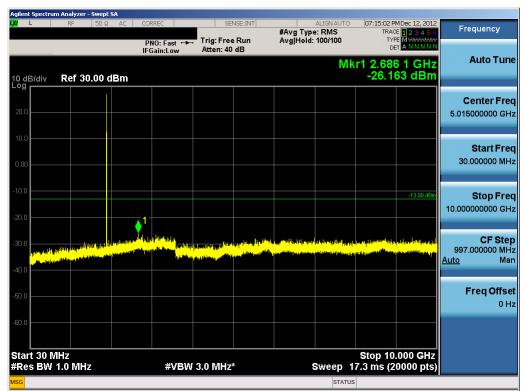
Plot 11-7. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager | |
|--|----------------------------------|--|-----------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 127 of 162 | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 137 of 163 | |
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| Agilent Spectru | | | | _ | | | | | | |
|-------------------------------------|--------------------------------------|--|--|--|---|---------------------|---------------------------|-------------------------------|--|----------------------------|
| XI L | RF | 50Ω AC | CORREC | | NSE:INT | #Avg Typ | | | MDec 12, 2012 E 1 2 3 4 5 6 E MWWWWW | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Trig: Free Atten: 40 | | Avg Hold | 100/100 | T YF De | E M WWWWW T A N N N N N | |
| | | | IF Galil.EUw | | | | Mk | r1 17.03 | 5 4 GHz | Auto Tune |
| 10 dB/div Ref 30.00 dBm -21.754 dBm | | | | | | | | | | |
| | | | | | | | | | | |
| 20.0 | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | 15.00000000 GHz |
| 10.0 | | | | | | | | | | |
| | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | 10.00000000 GHz |
| -10.0 | | | | | | | | | | |
| -10.0 | | | | | | | | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | | | ♦ ¹ | | | 20.00000000 GHz |
| | | | | | lastili eta sitela | Leon in the self of | | | | 0.5.04 |
| -30.0 Judity | in a dan ing banda Manang paganan | a canada da da bara (di). Ang panala na ang manana ang | lagen of the state | مدو <u>م می آن اور با مراکم رو در معرفی می اور اور اور اور اور اور اور اور اور اور</u> | all a surface and the surface of the | A STREET, MARSHELL | ala shi a sa kiki i sa ki | أعالى عندي يلتلطون فعدالة أتش | الله هن يطعالها وري منها الله | CF Step 1.000000000 GHz |
| -40.0 | | | | | | | | | | <u>Auto</u> Man |
| -40.0 | | | | | | | | | | |
| -50.0 | | | | | | | | | | Freq Offset |
| | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | |
| | | | | | | | | | | |
| Start 10.0 | | | | | | | | | .000 GHz | |
| #Res BW | 1.0 MHz | | #VB۱ | V 3.0 MHz | * | | Sweep 2 | 25.3 ms (2 | 0000 pts) | |
| MSG | | | | | | | STATU | s | | |

Plot 11-8. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



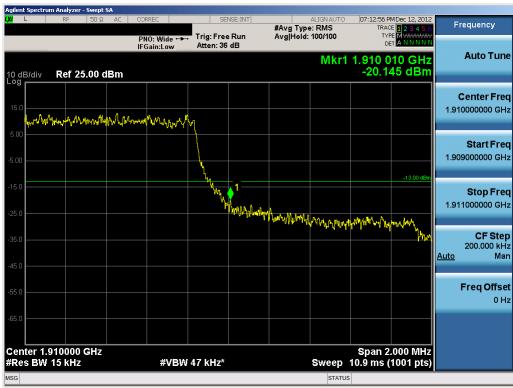
Plot 11-9. Conducted Spurious Plot (1.4MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager | |
|--|----------------------------------|--|-----------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 129 of 162 | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 138 of 163 | |
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| | ipectrum | n Analyzer - | | | | | | | | | | |
|-------------------|----------|--------------|---------|------------------------------------|-------------------|-----------|------------------|----------------------|---------|--|--|--|
| <mark>XI</mark> L | | RF | 50 Ω | | DRREC PNO: Fast ← | - · - | | #Avg Typ Avg Hold | | 07:14:20 P TRAC TYF | MDec 12, 2012 E 1 2 3 4 5 6 M M M M M M M FT A N N N N N | Frequency |
| 10 dB. Log r | /div | Ref 25 | 5.00 dl | I | Gain:Low | Atten: 36 | | 51 | | 1 16.92 | | Auto Tune |
| 15.0 | | | | | | | | | | | | Center Freq 15.000000000 GHz |
| 5.00 - -5.00 - | | | | | | | | | | | -13.00 dBm | Start Freq 10.000000000 GHz |
| -15.0 - | | | | | | | salt rate | | 1 | The second s | | Stop Freq 20.000000000 GHz |
| -35.0 4 | | | | Ali pul pritati pri stati na ma | | | and an area bits | | | | iliteren filminetetten bei | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -55.0 - | | | | | | | | | | | | Freq Offset 0 Hz |
| -65.0 - Start | 10.00 | 00 GHz | | | | | | | | Stop 20 | .000 GHz | |
| #Res | BW 1 | 1.0 MH: | Z | | #VB | W 3.0 MHz | * | | Sweep 2 | 25.3 ms (2 | 0000 pts) | |
| MSG | | | | | | | | | STATUS | 5 | | |

Plot 11-10. Conducted Spurious Plot (1.4MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



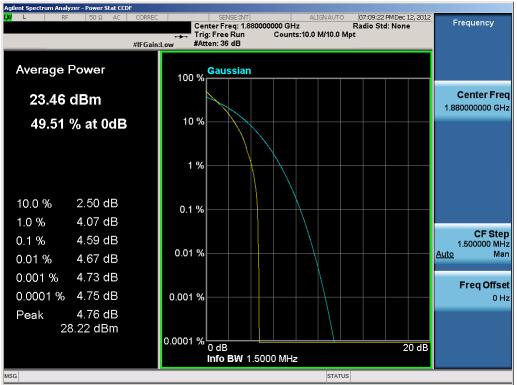
Plot 11-11. Upper Band Edge Plot (1.4MHz QPSK - RB Size 6)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dage 120 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 139 of 163 |
| © 2013 PCTEST Engineering | | REV 4.4AWSC | | |





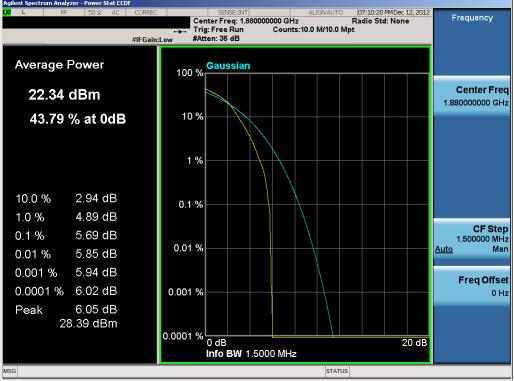
Plot 11-12. Upper Extended Band Edge Plot (1.4MHz QPSK - RB Size 6)



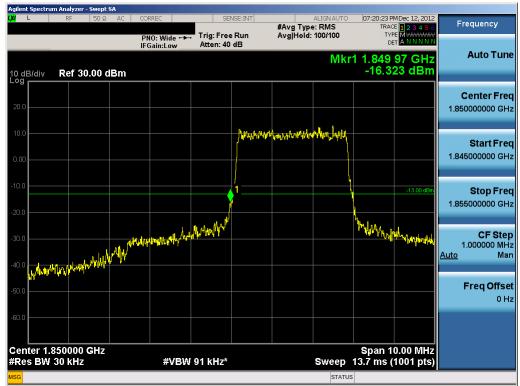
Plot 11-13. PAR Plot (1.4MHz QPSK – RB Size 6)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager | |
|--|----------------------------------|--|-----------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 140 of 162 | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 140 of 163 | |
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Plot 11-14. PAR Plot (1.4MHz 16-QAM - RB Size 6)



Plot 11-15. Lower Band Edge Plot (3.0MHz QPSK – RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | « КУОСЕRа | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 141 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 141 of 163 |
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Plot 11-16. Lower Extended Band Edge Plot (3.0MHz QPSK - RB Size 15)



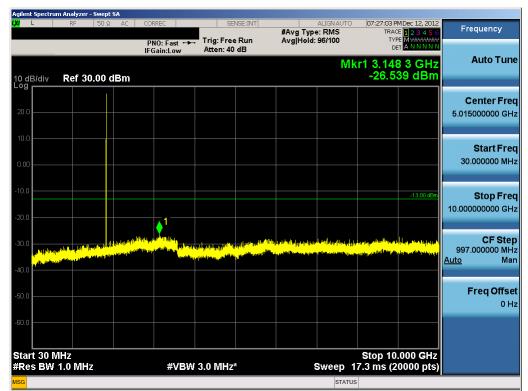
Plot 11-17. Occupied Bandwidth Plot (3.0MHz QPSK - RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 142 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 142 of 163 |
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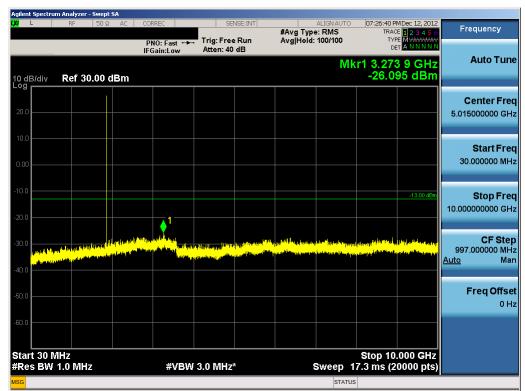
Plot 11-19. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|---------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 142 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 143 of 163 |
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| Agilent Spectru | | | | | | | | | | |
|-----------------------|--|--|--|--|---|----------------------|---------|--|--|--|
| XI L | RF | 50Ω AC | CORREC | . | | #Avg Typ Avg Hold | | 07:27:55 PMI TRACE | Dec 12, 2012 1 2 3 4 5 6 Mainton N N N N N A N N N N N N | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Atten: 40 | | Avginoid | | | | Auto Tune |
| 10 dB/div Log | Ref 30. | 00 dBm | | | | | Mkr | 1 16.898 -21.34 | 8 GHz 7 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | 1 | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 <mark></mark> | aldakati ata ang salana d ng manang kang aga salang | ten fillen som blever i tre 1997 på som en som e | Energian energia de la la basila energia de ante energia de la basila de la basila de la basila de la basila de energia de la basila de la basil | a an a tha an a tha an a tha an an a | | | | i Mili ka fa dan ba ya ya shika da Tutuna ya ni kulaya ya shika da ku | <mark>, a a deletica y del 197</mark> | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | O ton 200 | | |
| Start 10.0 #Res BW | | | #VBV | V 3.0 MHz* | : | | Sweep 2 | Stop 20.0 5.3 ms (20) | 00 GHZ 000 pts) | |
| MSG | | | | | | | STATUS | | | |

Plot 11-20. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



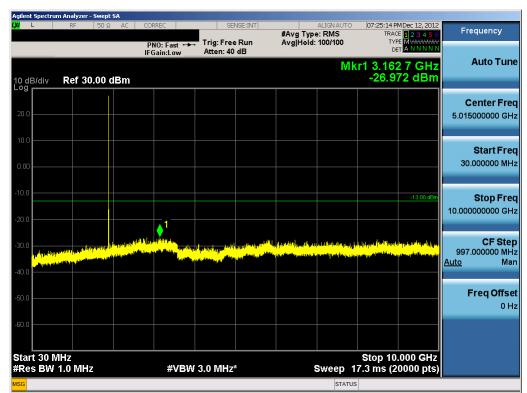
Plot 11-21. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|---------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 144 of 163 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Fage 144 01 103 |
| © 2013 PCTEST Engineering | Laboratory, Inc. | | | REV 4.4AWSC |



| Agilent Spectru | | | | | | | | | | |
|-----------------------|---------|---|--|---------------------------------------|--|---------------------------|----------------|---|--|--|
| LXIL | RF | 50Ω AC | CORREC | . | NSE:INT | #Avg Typ Avg Hold | | 07:26:15 PM TRACE | Dec 12, 2012 1 2 3 4 5 6 M M M M N N N N N N N N N N N | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Atten: 40 | | Avginoid | | | | 8 |
| 10 dB/div Log | Ref 30. | 00 dBm | | | | | Mkr | 1 17.019 -21.23 | 4 GHz 6 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | • ¹ | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 400 10464 | | th bird ping dan mathis mga matrix ang magadag | la ha a la 14 la 14 la ha ha a dha dha Maraonna an | a a a a a a a a a a a a a a a a a a a | a de cille (a de la de la Indre a la de la | and only a set of the set | | n felgelig forste forsenfilte Tringes og messe som det i s | in distingtion and inte | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | O ton 20.0 | | |
| Start 10.0 #Res BW | | | #VB\ | N 3.0 MHz | * | | Sweep 2 | Stop 20.0 5.3 ms (20 | 000 GHZ 000 pt <u>s)</u> | |
| MSG | | | | | | | STATUS | | | |

Plot 11-22. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



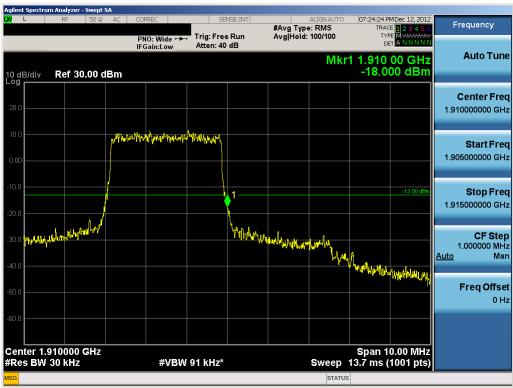
Plot 11-23. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|---------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 145 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 145 of 163 |
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| Agilent Spectru | | | | | | | | | | |
|---|--------|--|---------------------------|-------------------------|----------|-----------|---------|----------------------|--|--|
| X/ L | RF | 50Ω AC | CORREC | | VSE:INT | #Avg Typ | | 07:25:38 PN TRACE | 1Dec 12, 2012 | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Trig: Free Atten: 40 | | Avg Hold: | 100/100 | DEI | 123456 M wwww ANNNNN | |
| 10 dB/div | Ref 30 | .00 dBm | | | | | Mkr | 1 16.673 -21.26 | 8 GHz 3 dBm | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | 1 | | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 <mark>14 besterne</mark> -40.0 | | algener het angelen for Georgener en gelechen | | | | | 24 · | | ting a fillen at ing a filmat mang part ting ang anakar | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | Stop 20. | | |
| #Res BW | | | #VB\ | N 3.0 MHz* | t | | Sweep 2 | 5.3 ms (20 | 000 GH2 | |
| MSG | | | | | | | STATUS | ; | | |

Plot 11-24. Conducted Spurious Plot (3.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



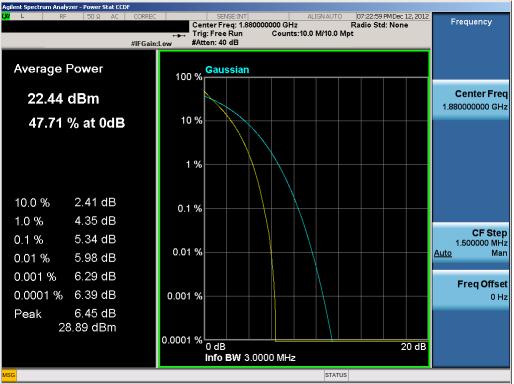
Plot 11-25. Upper Band Edge Plot (3.0MHz QPSK – RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | 1 КУОСЕКА | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 146 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 146 of 163 |
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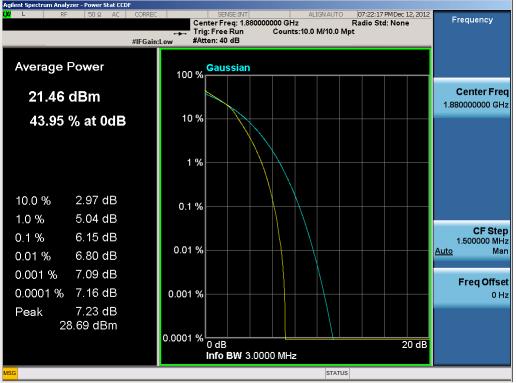
Plot 11-26. Upper Extended Band Edge Plot (3.0MHz QPSK - RB Size 15)



Plot 11-27. PAR Plot (3.0MHz QPSK – RB Size 15)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 147 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 147 of 163 |
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Plot 11-28. PAR Plot (3.0MHz 16-QAM - RB Size 15)



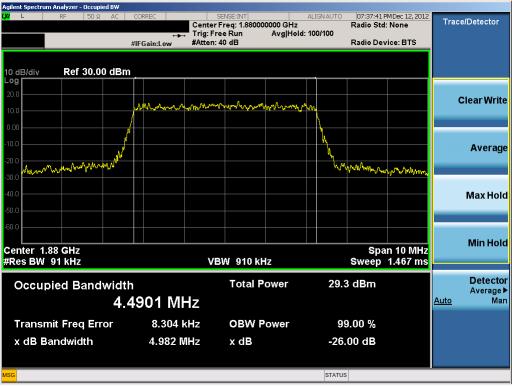
Plot 11-29. Lower Band Edge Plot (5.0MHz QPSK - RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|---------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 149 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 148 of 163 |
| © 2013 PCTEST Engineering | Laboratory, Inc. | | | REV 4.4AWSC |



| | m Analyzer - Swept | | | | | | | | | _ |
|------------------|--|------|--------------------------|-------------------------|---------|------------------------------|------------|--|---|------------------------|
| LXI L | RF 50 Ω | AC C | DRREC | SEM | VSE:INT | | ALIGN AUTO | | MDec 12, 2012 | Frequency |
| | | | PNO: Fast ↔→ Gain:Low | Trig: Free Atten: 40 | | #Avg Type | : RM5 | TRAC TYF DE | E 123456 E M WWWW T A N N N N N | Trequency |
| | | , II | Galu:Low | Atten: 40 | | | Mkr1 | | | Auto Tune |
| 10 dB/div Log | Ref 30.00 (| dBm | | | | | IVINI | -13.0 | 00 GHz 93 dBm | |
| | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | 1.847000000 GHz |
| 10.0 | | | | | | | | | | |
| 10.0 | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | 1.845000000 GHz |
| | | | | | | | | | 1. | |
| -10.0 | | | | | | | | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | | | | | - And | 1.849000000 GHz |
| | | | · | | , | pegraneneditioneneditionened | | and a second | | 05.044 |
| -30.0 | and a second | | | | | | | | | CF Step 400.000 kHz |
| -40.0 | | | | | | | | | | <u>Auto</u> Man |
| | | | | | | | | | | Ere # Offe of |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | | | | | | |
| | | | | | | | | | | |
| Start 1.84 | 5000 GHz | | | | | | St | op 1.849 | 0000 GHz | |
| #Res BW | | | #VBW | 3.0 MHz | | | #Sweep | 3.00 s (| 1001 pts) | |
| MSG | | | | | | | STATUS | | | |

Plot 11-30. Lower Extended Band Edge Plot (5.0MHz QPSK - RB Size 25)



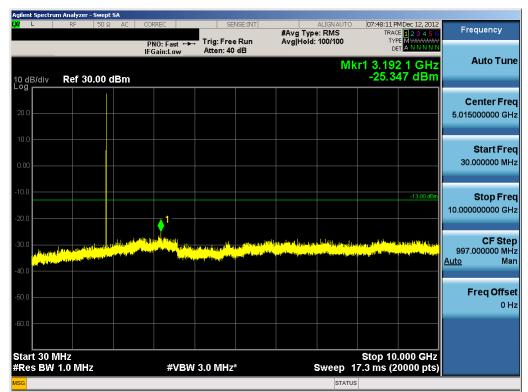
Plot 11-31. Occupied Bandwidth Plot (5.0MHz QPSK - RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | <mark>13</mark> КУОСЕRа | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 140 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 149 of 163 |
| © 2013 PCTEST Engineering | REV 4.4AWSC | | | |





Plot 11-32. Occupied Bandwidth Plot (5.0MHz 16-QAM - RB Size 25)



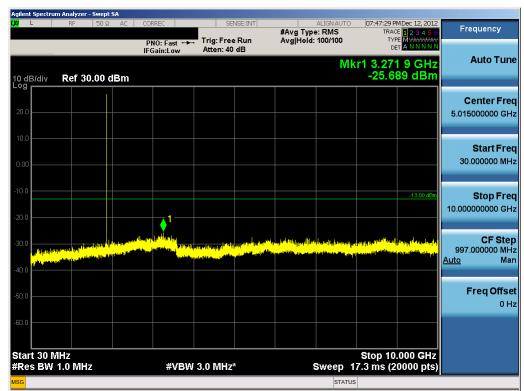
Plot 11-33. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERA | Reviewed by: Quality Manager | | | | |
|---------------------------|--|--|---------|---------------------------------|--|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 150 of 163 | | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Fage 150 01 105 | | | | |
| © 2013 PCTEST Engineering | 2013 PCTEST Engineering Laboratory, Inc. | | | | | | | |



| | trum Analyze | | | | | | | | | | |
|-----------|--------------|--------------------|------|--|--|-----------------|--|--------------------------|--|---------------------------------------|-------------------------------------|
| LXI L | RF | 50 Ω | AC C | DRREC | SEI | VSE:INT | #Avg Type | ALIGNAUTO e: RMS | TRAC | MDec 12, 2012 | Frequency |
| | | | | PNO: Fast 🔸 Gain:Low | Trig: Free Atten: 40 | | Avg Hold: | 100/100 | TYF | E M WWWWW T A N N N N N | |
| | | | | -Gain:Low | Atten: 40 | 40 | | Mkr | 1 17 07 | I 4 GHz | Auto Tune |
| 10 dB/div | , Dof 3 | 0.00 di | Rm | | | | | IVINI | -22.0 | 96 dBm | |
| | | 10.00 al | 5 | | | | | | | | |
| | | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | | 15.00000000 GHz |
| 10.0 | | | | | | | | | | | |
| 10.0 | | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | | 10.00000000 GHz |
| | | | | | | | | | | | |
| -10.0 | | | | | | | | | | -13.00 dBm | Stop From |
| | | | | | | | | . 1 | | -13.00 dbm | Stop Freq 20.00000000 GHz |
| -20.0 | | | | | | | | <mark>♦'</mark> | | | 20.000000000000 |
| | | | | | UNITED STATES | | ALL HALL BURNE | | huhal haudi di | | CF Step |
| -30.0 | | a dana da milaki k | | A REAL PROPERTY AND A REAL | مەدە. يىتانا <u>تەت توخىنا توخى</u> | يشألانه ويتناقد | and the part of th | Bandas je billinda at 10 | i <mark>di kangan dalam pan</mark> i di kang sang biri | | 1.000000000 GHz |
| | | | | | | | | | | | <u>Auto</u> Man |
| -40.0 | | | | | | | | | | | |
| -50.0 | | | | | | | | | | | Freq Offset |
| | | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | | |
| | | | | | | | | | | | |
| Start 40 |).000 GH: | 7 _ | | | | | | | Stop 20 | .000 GHz | |
| | W 1.0 MH | | | #VBW | 3.0 MHz | ŝ | | Sweep 2 | | 0000 GH2 | |
| MSG | | | | | | | | STATUS | | | |

Plot 11-34. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



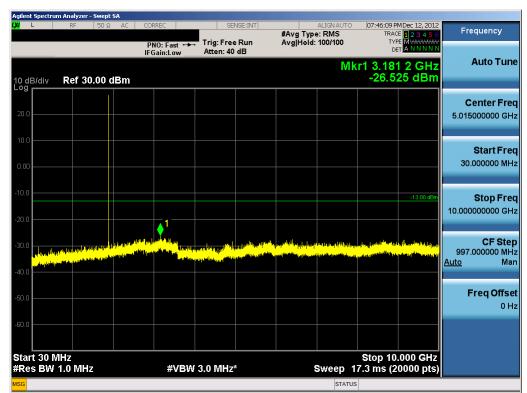
Plot 11-35. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager | | | |
|---------------------------|--|--|---------|---------------------------------|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 151 of 162 | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 151 of 163 | | | |
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| Agilent Spectru | | | | | | | | | | |
|----------------------|---------|--|---|--|---|---|---------|---|--|--|
| <mark>XI</mark> L | RF | 50Ω AC | CORREC | . | | #Avg Typ Avg Hold | | 07:47:02 PM TRACE | Dec 12, 2012 1 2 3 4 5 6 M WWWWW A N N N N N | Frequency |
| 10 dB/div | Ref 30 | .00 dBm | PNO: Fast ↔ IFGain:Low | Atten: 40 | | Arginola | | 1 17.014 | | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | الغايب . | 1 | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 badestille | | dy a particular da a diferencia d a particular da anticipa da | dellin contante da la contante da la Na manesca en esta esta entre da la contante da la c | الله في المالية في المالية (1993). التي مستخلف عند مكامر بيري | | And De De La Constantin de | | den sel for don't he average second so al 1977 average second so a second so a | t an ar fit in. Kini a pa | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 Start 10.0 | 00 GHz | | | | | | | Stop 20.0 | 000 GHz | |
| #Res BW | 1.0 MHz | | #VBV | V 3.0 MHz* | : | | Sweep 2 | 25.3 ms (20 | 000 pts) | |
| MSG | | | | | | | STATUS | 5 | | |

Plot 11-36. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 11-37. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager | | | | |
|---------------------------|--|--|-----------------|---------------------------------|--|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 152 of 162 | | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 152 of 163 | | | | |
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| Agilent Spectru | | | | | | | | | | |
|---------------------|---------|---|---|------------|---|----------------------|---------|------------------------------|--|--|
| <mark>XI</mark> L | RF | 50Ω AC | CORREC | . | | #Avg Typ Avg Hold | | 07:46:33 PM TRACE TYPE | Dec 12, 2012 1 2 3 4 5 6 MWWWWW A N N N N N | Frequency |
| 10 dB/div Log | Ref 30. | .00 dBm | IFGain:Low | Atten: 40 | | 31 | | DET 1 16.970 -21.86 | 8 GHz | Auto Tune |
| 20.0 | | | | | | | | | | Center Freq 15.000000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 10.000000000 GHz |
| -10.0 | | | | | | | 1 | | -13.00 dBm | Stop Freq 20.000000000 GHz |
| -30.0 Heldlan | | idin oʻshirga (sikitas)) Manatalor (ganatalor) | His Ing production of the second s | | and and a first property of the solution of the second second second second | | | dell'acconnection and be | <mark>متلافظ وينا أشتاد في مع</mark> | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -50.0 | | | | | | | | | | Freq Offset 0 Hz |
| -60.0 Start 10.0 | 00 GHz | | | | | | | Stop 20.0 | 000 GHz | |
| #Res BW | 1.0 MHz | | #VBV | V 3.0 MHz* | t | | Sweep 2 | 25.3 ms (20 | 000 pts) | |
| MSG | | | | | | | STATUS | 3 | | |

Plot 11-38. Conducted Spurious Plot (5.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



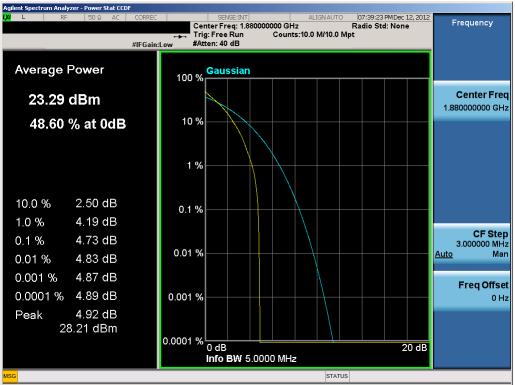
Plot 11-39. Upper Band Edge Plot (5.0MHz QPSK - RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager | | | |
|---------------------------|--|--|-----------------|---------------------------------|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dage 152 of 162 | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 153 of 163 | | | |
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| gilent Spectrum Analyzer - Swept SA | | | | | | | |
|---------------------------------------|-----------------------------|--------------------------------|---------------------------------------|--------------|---|---|-------------------------------------|
| XIL RF 50Ω AC | CORREC | SENSE:INT | Al #Avg Type: | LIGN AUTO | 07:44:27 PM TRACI | MDec 12, 2012 | Frequency |
| | PNO: Fast +++ IFGain:Low | Trig: Free Run Atten: 40 dB | 0 // | | TYP DE | E 1 2 3 4 5 6 E MWWWW T A N N N N N | |
| 10 dB/div Ref 30.00 dBm | | | | Mkr1 ′ | 1.911 0 -14.(| 04 GHz 06 dBm | Auto Tune |
| 20.0 | | | | | | | Center Freq 1.913000000 GHz |
| 0.00 | | | | | | | Start Fred 1.911000000 GHz |
| -10.0 1 | | | | | | -13.00 dBm | Stop Freq 1.915000000 GHz |
| -30.0 | | *********** | · · · · · · · · · · · · · · · · · · · | | ang barden an | Manufacture and a first state | CF Step 400.000 kH Auto Mar |
| .50.0 | | | | | | | Freq Offse 0 Hi |
| -60.0 | | | | | | | |
| Start 1.911000 GHz #Res BW 1.0 MHz | #VBW | 3.0 MHz | | St #Sweep | op 1.915 3.00 s.ť | 000 GHz 1001 pts) | |
| /SG | | | | STATUS | | | |

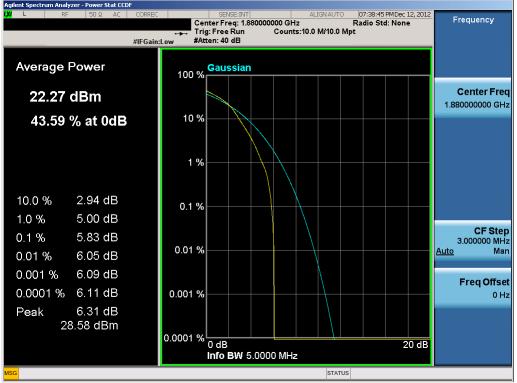
Plot 11-40. Upper Extended Band Edge Plot (5.0MHz QPSK - RB Size 25)



Plot 11-41. PAR Plot (5.0MHz QPSK – RB Size 25)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager | | | |
|---------------------------|--|--|-----------------|---------------------------------|--|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 154 of 162 | | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 154 of 163 | | | |
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Plot 11-42. PAR Plot (5.0MHz 16-QAM - RB Size 25)



Plot 11-43. Lower Band Edge Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | 1 КУОСЕRа | Reviewed by: Quality Manager | | |
|---------------------------|--|--|------------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dogo 155 of 162 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 155 of 163 | | |
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| Agilent Spectru | | | | | | | | - | | |
|-------------------|---------|---------|---------------------------|--|---------|-------------------------------|--------------------------------|---|---|-----------------|
| <mark>XI</mark> L | RF | 50 Ω AC | CORREC | SE | NSE:INT | #Avg Type | ALIGNAUTO E: RMS | 07:55:25 P | MDec 12, 2012 | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | Trig: Free Atten: 40 | | | | | E 1 2 3 4 5 6 E M WWWW T A N N N N N | Auto Tune |
| 10 dB/div Log | Ref 30. | 00 dBm | | | | | Mkr1 | 1.848 9 -23.0 | 92 GHz 64 dBm | Auto Tune |
| | | | | | | | | | | Center Freq |
| 20.0 | | | | | | | | | | 1.847000000 GHz |
| 10.0 | | | | | | | | | | |
| 10.0 | | | | | | | | | | Start Fred |
| 0.00 | | | | | | | | | | 1.845000000 GHz |
| | | | | | | | | | | |
| -10.0 | | | | | | | | | -13.00 dBm | Stop Fred |
| -20.0 | | | | | | | | | 1 | 1.849000000 GHz |
| | | | | an a | | المحمطينية مريدون ويتوسل مريد | ىلىمۇسچىيەلىملىمدىمدىمدىمەرمىي | agaal waxaa ka k | V-Date-Jersterspeterstrates | CF Step |
| -30.0 | | | | | | | | | | 400.000 kH |
| 40.0 | | | | | | | | | | <u>Auto</u> Mar |
| | | | | | | | | | | Freq Offset |
| -50.0 | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | |
| | | | | | | | | | | |
| Start 1.84 | | Z | | | | | Si | top 1.8 <u>49</u> | 000 GHz | |
| #Res BW | 1.0 MHz | | #VB\ | V 3.0 MHz | | | #Sweep | 3.00 s (| 1001 pts) | |
| 1SG | | | | | | | STATUS | | | |

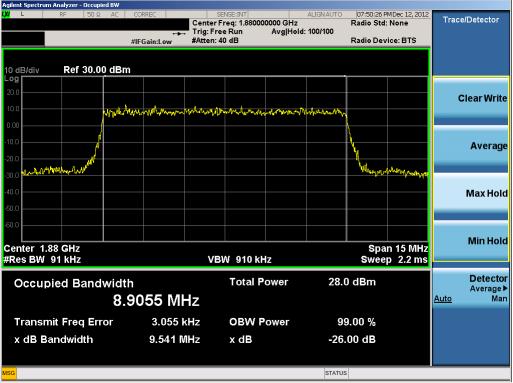
Plot 11-44. Lower Extended Band Edge Plot (10.0MHz QPSK - RB Size 50)



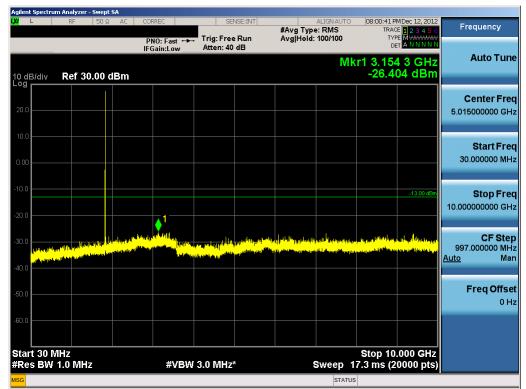
Plot 11-45. Occupied Bandwidth Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | <mark>12</mark> КУОСЕRа | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 156 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 156 of 163 |
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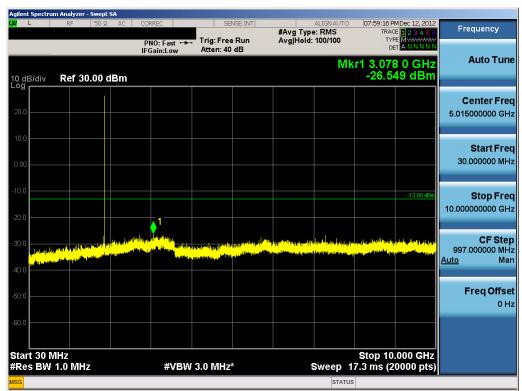
Plot 11-47. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0- Low Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager | | |
|---------------------------|--|--|-----------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 157 of 162 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 157 of 163 | | |
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| | Spectrun | | er - Swept : | SA | | | | | | | | |
|---------------------|-----------------------|----------------------|--|------------------|----------------------------------|------------------------|--|-------------------------------------|--------------|--|--------------------------------|--------------------------------|
| L <mark>XI</mark> L | | RF | 50 Ω | AC | CORREC | SE | VSE:INT | #Avg Typ | ALIGNAUTO | | MDec 12, 2012 E 1 2 3 4 5 6 | Frequency |
| | | | | | PNO: Fast ↔ | Trig: Free | | Avg Hold | | TYP | | |
| | | | | | IFGain:Low | Atten: 40 | dB | | | | | Auto Tune |
| | | | | | | | | | Mkr | 1 16.950 | 3 GHz | Auto Tune |
| 10 dB. Log r | /div | Ref | 30.00 d | IBm | | | | | | -20.12 | 28 dBm | |
| | | | | | | | | | | | | Contor From |
| 20.0 - | | | | | | | | | | | | Center Freq 15.00000000 GHz |
| 20.0 | | | | | | | | | | | | 15.00000000 GHz |
| 10.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | | | 10.00000000 GHz |
| | | | | | | | | | | | | |
| -10.0 | | | | | | | | | | | | |
| | | | | | | | | | 1 | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | | | | | | | | 20.00000000 GHz |
| | | | | | | | and the second second | أستعادا أفلوه والمرادلين | Ling out the | | teres described the | |
| -30.0 🔐 | and and the | برارا الالير | alle entre ander | un tas das na | and to be still delive a deliver | اللم ومالكتك ووعادا وي | a dia mandra di seconda di second | La family a barrel for the distance | | New Johnson Barry Ba | | CF Step |
| ľ | al (a line and a grad | Lange and the second | مالدة عليميا الدير العر _ا ب | ng lang berlinda | the standard back (the | | | | | | | 1.000000000 GHz Auto Man |
| -40.0 | | | | | | | | | | | | <u>rato</u> man |
| | | | | | | | | | | | | |
| -50.0 | | | | | | | | | | | | Freq Offset |
| | | | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| L Start | 10.0 | | 17 | | | | | | | Stop 20 | .000 GHz | |
| #Res | BW | 1.0 M | Hz _ | | #VBV | / 3.0 MHz | \$ | | Sweep_2 | 5.3 ms <u>(2</u> | 0000 gtts) | |
| MSG | | | | | | | | | STATUS | ` | | |
| | | | | | | | | | | | | |

Plot 11-48. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



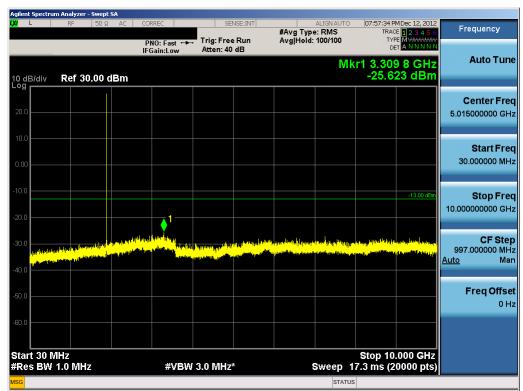
Plot 11-49. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | KYOCERa | Reviewed by: Quality Manager | | |
|---------------------------|--|--|---------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 158 of 163 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Fage 156 01 165 | | |
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| Agilent Sp | ectrum A | | | | | | - | | | 1 | | |
|------------|----------|----------------------|--------|------|---------------------------|--|----------------|--------------------|---|--|----------------------------|--------------------------------|
| LXI L | | RF | 50 Ω | AC I | CORREC | | NSE:INT | #Avg Typ | | TRAC | MDec 12, 2012 | Frequency |
| | | | | | PNO: Fast ↔ IFGain:Low | Trig: Free Atten: 40 | | Avg Hold: | : 100/100 | TYF De | E MWWWWW A N N N N N | |
| | | | | | I Gam.cow | | | | Mkr | 1 16.95 | 18 GHz | Auto Tune |
| 10 dB/c | div | Ref 30 | .00 dl | Bm | | | | | | -21.7 | 15 dBm | |
| | | | | | | | | | | | | |
| 20.0 | | | | | | | | | | | | Center Freq 15.00000000 GHz |
| 20.0 | | | | | | | | | | | | 15.00000000 GH2 |
| 10.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | Start Freq |
| 0.00 | | | | | | | | | | | | 10.00000000 GHz |
| -10.0 | | | | | | | | | | | | |
| -10.0 | | | | | | | | | | | -13.00 dBm | Stop Freq |
| -20.0 | | | | | | | | | 1 | | | 20.00000000 GHz |
| | | | | | | and the state of the | (Hellowellades | a house in a state | <mark>di ana ana di</mark> | adala da | alista di secondari | |
| | | | | | | and the second | | L. Frim, J. Habita | i na na katili na kat | ¹ İkalan darilde yaşılı b | hihan an di bhan an de i l | CF Step 1.00000000 GHz |
| | | lab, day, as, fields | | | | | | | | | | <u>Auto</u> Man |
| -40.0 | | | | | | | | | | | | |
| -50.0 | | | | | | | | | | | | Freq Offset |
| | | | | | | | | | | | | 0 Hz |
| -60.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Start 1 | | | | | | | | | | Stop 20 | .000 GHz | |
| #Res I | BW 1. | 0 MHz | | | #VB | N 3.0 MHz | * | | Sweep 2 | :5.3 ms (2 | 0000 pts) | |
| MSG | | | | | | | | | STATUS | 3 | | |

Plot 11-50. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)



Plot 11-51. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager | | |
|---------------------------|--|--|-----------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 159 of 163 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 159 01 163 | | |
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| XI L RF 50Ω AC | CORREC | SENSE:INT | ALIGNAUTO #Avg Type: RMS Avg Hold: 100/100 | 07:58:23 PMDec 12, 2012 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A N N N N N | Frequency |
|--|---|--------------|--|--|--|
| 10 dB/div Ref 30.00 dBm | PNO: Fast ↔ IFGain:Low | Atten: 40 dB | | 1 16.904 3 GHz -21.489 dBm | Auto Tune |
| 20.0 | | | | | Center Fred 15.000000000 GHz |
| 0.00 | | | | | Start Fred 10.000000000 GH; |
| -10.0 | | | | -13.00 dBm | Stop Fred 20.000000000 GH |
| -30.0 Mod (Middane & Aller State Sta | and the second of the second | | | Min Bing and Links Up a second depiction of the depiction | CF Step 1.000000000 GH: <u>Auto</u> Mar |
| -50.0 | | | | | Freq Offse 0 H: |
| 60.0 Start 10.000 GHz #Res BW 1.0 MHz | #\/B)// | 3.0 MHz* | Sween | Stop 20.000 GHz 25.3 ms (20000 pts) | |
| | #4044 | JAO 1911 12 | Sweep | | |

Plot 11-52. Conducted Spurious Plot (10.0MHz QPSK - RB Size 1, RB Offset 0 - High Channel)



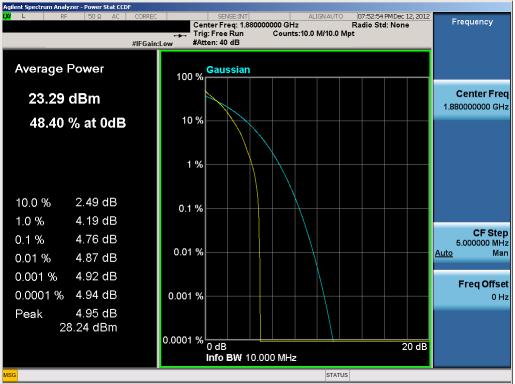
Plot 11-53. Upper Band Edge Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YDCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dage 160 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 160 of 163 |
| © 2013 PCTEST Engineering | Laboratory, Inc. | | | REV 4.4AWSC |



| | n Analyzer - Sw | | | | | | | | | |
|-----------------------|---|---|---|---------------------------|---------|---|--|---|---|---|
| <mark>XI</mark> L | RF 50 | DΩ AC | CORREC | | NSE:INT | #Avg Type | ALIGNAUTO | 07:56:52 P | MDec 12, 2012 E 1 2 3 4 5 6 | Frequency |
| | | | PNO: Fast ↔ IFGain:Low | ⊢ Trig: Free Atten: 40 | | | Mkr1 | 1.911 0 | E 1 2 3 4 5 6 E MWMMW T A N N N N N 08 GHz | Auto Tune |
| 10 dB/div Log | Ref 30.0 | 0 dBm | | | | | | -24. | 70 dBm | |
| 20.0 | | | | | | | | | | Center Freq 1.913000000 GHz |
| 0.00 | | | | | | | | | | Start Freq 1.911000000 GHz |
| -10.0 | | | | | | | | | -13.00 dBm | Stop Fre q 1.915000000 GHz |
| -30.0 | ananyang kanang kanang kang kang kang kang ka | Ser figer og skrivere og sk | 779479497997984999999999999999999999999 | | | 5-2 descent for a star of the | a an | and a state of the s | 19 Th- 14 decima) - en men a da an | CF Step 400.000 kHz <u>Auto</u> Mar |
| 50.0 | | | | | | | | | | Freq Offse 0 Hz |
| -60.0 | | | | | | | | | | |
| Start 1.91 #Res BW | 1000 GHz 1.0 MHz | | #VB\ | N 3.0 MHz | | | S #Sweep | top 1.915 3.00 s (| i000 GHz 1001 pts) | |
| MSG | | | | | | | STATUS | | / | |

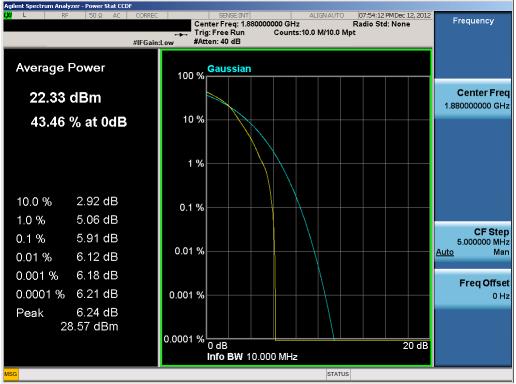




Plot 11-55. PAR Plot (10.0MHz QPSK - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | K YOCERa | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-----------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Dega 161 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 161 of 163 |
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Plot 11-56. PAR Plot (10.0MHz 16-QAM - RB Size 50)

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | <mark>12</mark> КУОСЕRа | Reviewed by: Quality Manager |
|---------------------------|----------------------------------|--|-------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | | Daga 162 of 162 |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Page 162 of 163 |
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12.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Kyocera Portable Handset FCC ID: V65C6721A1** complies with all the requirements of Parts 2, 22, 24, 27 of the FCC rules for LTE operation only.

| FCC ID: V65C6721A1 | | FCC Pt. 22, 24, 27 LTE MEASUREMENT REPORT (CERTIFICATION) | <mark>13</mark> КУОСЕRа | Reviewed by: Quality Manager | | |
|---------------------------|--|--|-------------------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | | Page 163 of 163 | | |
| 0Y1212071744.V65 | 12/12 - 01/08/13, 02/21-03/05/13 | Portable Handset | | Fage 103 01 103 | | |
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