

FCC

RF Test Report

Product Type : Mobile Hotspot
Applicant : Netgear Inc.
Address : 350 East Plumeria Drive, San Jose, CA 95134
Trade Name : NETGEAR
Model Number : AC810S-300
Test Specification : FCC 47 CFR PART 22H
FCC 47 CFR PART 24E
FCC 47 CFR PART 27L
FCC 47 CFR PART 90S
ANSI/TIA-603-D 2010
Application Purpose : Original
Receive Date : Jul. 13, 2015
Test Period : Jul. 21 ~ Oct. 05, 2015
Issue Date : Nov. 24, 2015

Issue by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade City,
Taoyuan County 334, Taiwan R.O.C.
Tel : +886-3-2710188 / Fax : +886-3-2710190



Taiwan Accreditation Eoundation accreditation number: 1330

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Revision History

| Rev. | Issue Date | Revisions | Revised By |
|------|---------------|-----------------------------|-------------|
| 00 | Nov. 02, 2015 | Initial Issue | |
| 01 | Nov. 23, 2015 | Revised report information. | Peggy Chang |
| 02 | Nov. 24, 2015 | Revised report information. | Joyce Liao |
| | | | |

Verification of Compliance

Issued Date: 11/24/2015

Product Type : Mobile Hotspot
Applicant : Netgear Inc.
Address : 350 East Plumeria Drive, San Jose, CA 95134
Trade Name : NETGEAR
Model Number : AC810S-300
FCC ID : PY3AC810S
EUT Rated Voltage : DC 5V, 1A
Test Voltage : 120 Vac / 60 Hz, DC 3.50 / DC 3.80 / DC 4.35
Applicable Standard : FCC 47 CFR PART 22H
FCC 47 CFR PART 24E
FCC 47 CFR PART 27L
FCC 47 CFR PART 90S
ANSI/TIA-603-D 2010
Test Result : Complied
Application Purpose : Original
Performing Lab. : A Test Lab Techno Corp.

No. 140-1, Changan Street, Bade City,
Taoyuan County 334, Taiwan R.O.C.
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Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By : Fly Lu Reviewed By : Eric Ou Yang
(Manager) (Fly Lu) (Testing Engineer) (Eric Ou Yang)

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1 General Information

1.1. EUT Description

| | | | | | | |
|----------------------|---|-------------------------------------|--|--------------------|------------------|-------------|
| Applicant | Netgear Inc. | | | | | |
| Applicant Address | 350 East Plumeria Drive, San Jose, CA 95134 | | | | | |
| Manufacturer | Netgear Inc. | | | | | |
| Manufacturer Address | 350 East Plumeria Drive, San Jose, CA 95134 | | | | | |
| Product Type | Mobile Hotspot | | | | | |
| Trade Name | NETGEAR | | | | | |
| Model Number | AC810S-300 | | | | | |
| IMEI No. | 351639070006457 | | | | | |
| Hardware Version | DV3.2 | | | | | |
| Software Version | 11.02.00.00 | | | | | |
| FCC ID | PY3AC810S | | | | | |
| Mode | LTE | Band | UL Frequency (MHz) | DL Frequency (MHz) | Modulation | |
| | | 2 | 1850.7 ~ 1909.3 | 1930.7 ~ 1989.3 | QPSK, 16QAM | |
| | | 4 | 1710.7 ~ 1754.3 | 2110.7 ~ 2154.3 | QPSK, 16QAM | |
| | | 5 | 824.7 ~ 848.3 | 869.7 ~ 893.3 | QPSK, 16QAM | |
| | | 12 | 699 ~ 716 | 729 ~ 746 | QPSK, 16QAM | |
| | | 25 | 1852.5 ~ 1912.5 | 1932.5 ~ 1992.5 | QPSK, 16QAM | |
| | | 26 | 816.5 ~ 846.5 | 861.5 ~ 891.5 | QPSK, 16QAM | |
| | | | Note: 814-824MHz – Part 90S 824-849MHz – Part 22E | | | |
| | | | | Band | Allocation (MHz) | Modulation |
| | | | | 41 | 2498.5 ~ 2687.5 | QPSK, 16QAM |
| Channel Bandwidth | LTE Band 2 | 1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz | | | | |
| | LTE Band 4 | 1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz | | | | |
| | LTE Band 5 | 1.4M, 3M, 5MHz, 10MHz | | | | |
| | LTE Band 12 | 1.4M, 3M, 5MHz, 10MHz | | | | |
| | LTE Band 25 | 1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz | | | | |
| | LTE Band 26 | 1.4M, 3M, 5MHz, 10MHz, 15MHz | | | | |
| | LTE Band 41 | 5MHz, 10MHz, 15MHz, 20MHz | | | | |
| Type of Antenna | Internal PIFA type | | | | | |
| Antenna Gain | LTE Band 2 | 1.5 dBi | | | | |
| | LTE Band 4 | 2.0 dBi | | | | |
| | LTE Band 5 | 1.0 dBi | | | | |
| | LTE Band 12 | 1.0 dBi | | | | |
| | LTE Band 25 | 1.5 dBi | | | | |
| | LTE Band 26 | 1.0 dBi | | | | |
| | LTE Band 41 | 3.8 dBi | | | | |

| | | | | |
|--|--|-------|---|--|
| Max. Conducted Output Average Power | LTE Band 2 (Channel Bandwidth 1.4MHz) | 0.202 | W | |
| | LTE Band 2 (Channel Bandwidth 3MHz) | 0.203 | W | |
| | LTE Band 2 (Channel Bandwidth 5MHz) | 0.206 | W | |
| | LTE Band 2 (Channel Bandwidth 10MHz) | 0.182 | W | |
| | LTE Band 2 (Channel Bandwidth 15MHz) | 0.206 | W | |
| | LTE Band 2 (Channel Bandwidth 20MHz) | 0.219 | W | |
| | LTE Band 4 (Channel Bandwidth 1.4MHz) | 0.156 | W | |
| | LTE Band 4 (Channel Bandwidth 3MHz) | 0.156 | W | |
| | LTE Band 4 (Channel Bandwidth 5MHz) | 0.156 | W | |
| | LTE Band 4 (Channel Bandwidth 10MHz) | 0.159 | W | |
| | LTE Band 4 (Channel Bandwidth 15MHz) | 0.160 | W | |
| | LTE Band 4 (Channel Bandwidth 20MHz) | 0.157 | W | |
| | LTE Band 5 (Channel Bandwidth 1.4MHz) | 0.192 | W | |
| | LTE Band 5 (Channel Bandwidth 3MHz) | 0.178 | W | |
| | LTE Band 5 (Channel Bandwidth 5MHz) | 0.175 | W | |
| | LTE Band 5 (Channel Bandwidth 10MHz) | 0.223 | W | |
| | LTE Band 12 (Channel Bandwidth 1.4MHz) | 0.170 | W | |
| | LTE Band 12 (Channel Bandwidth 3MHz) | 0.171 | W | |
| | LTE Band 12 (Channel Bandwidth 5MHz) | 0.167 | W | |
| | LTE Band 12 (Channel Bandwidth 10MHz) | 0.175 | W | |
| | LTE Band 25 (Channel Bandwidth 1.4MHz) | 0.186 | W | |
| | LTE Band 25 (Channel Bandwidth 3MHz) | 0.187 | W | |
| | LTE Band 25 (Channel Bandwidth 5MHz) | 0.183 | W | |
| | LTE Band 25 (Channel Bandwidth 10MHz) | 0.175 | W | |
| | LTE Band 25 (Channel Bandwidth 15MHz) | 0.201 | W | |
| | LTE Band 25 (Channel Bandwidth 20MHz) | 0.219 | W | |
| | Part 90S | | | |
| | LTE Band 26 (Channel Bandwidth 1.4MHz) | 0.149 | W | |
| | LTE Band 26 (Channel Bandwidth 3MHz) | 0.151 | W | |
| | LTE Band 26 (Channel Bandwidth 5MHz) | 0.152 | W | |
| | LTE Band 26 (Channel Bandwidth 10MHz) | 0.148 | W | |
| | Part 22H | | | |
| | LTE Band 26 (Channel Bandwidth 1.4MHz) | 0.156 | W | |
| | LTE Band 26 (Channel Bandwidth 3MHz) | 0.157 | W | |
| | LTE Band 26 (Channel Bandwidth 5MHz) | 0.158 | W | |
| | LTE Band 26 (Channel Bandwidth 10MHz) | 0.162 | W | |
| | LTE Band 26 (Channel Bandwidth 15MHz) | 0.198 | W | |
| | LTE Band 41 (Channel Bandwidth 5MHz) | 0.218 | W | |
| | LTE Band 41 (Channel Bandwidth 10MHz) | 0.212 | W | |
| | LTE Band 41 (Channel Bandwidth 15MHz) | 0.231 | W | |
| | LTE Band 41 (Channel Bandwidth 20MHz) | 0.222 | W | |

| | | | | |
|--|--|--------------|--------------|--|
| Max. E.R.P. / E.I.R.P. | LTE Band 2 (Channel Bandwidth 1.4MHz) | 0.165 | W (E.I.R.P.) | |
| | LTE Band 2 (Channel Bandwidth 3MHz) | 0.174 | W (E.I.R.P.) | |
| | LTE Band 2 (Channel Bandwidth 5MHz) | 0.172 | W (E.I.R.P.) | |
| | LTE Band 2 (Channel Bandwidth 10MHz) | 0.163 | W (E.I.R.P.) | |
| | LTE Band 2 (Channel Bandwidth 15MHz) | 0.164 | W (E.I.R.P.) | |
| | LTE Band 2 (Channel Bandwidth 20MHz) | 0.168 | W (E.I.R.P.) | |
| | LTE Band 4 (Channel Bandwidth 1.4MHz) | 0.136 | W (E.I.R.P.) | |
| | LTE Band 4 (Channel Bandwidth 3MHz) | 0.132 | W (E.I.R.P.) | |
| | LTE Band 4 (Channel Bandwidth 5MHz) | 0.132 | W (E.I.R.P.) | |
| | LTE Band 4 (Channel Bandwidth 10MHz) | 0.128 | W (E.I.R.P.) | |
| | LTE Band 4 (Channel Bandwidth 15MHz) | 0.143 | W (E.I.R.P.) | |
| | LTE Band 4 (Channel Bandwidth 20MHz) | 0.140 | W (E.I.R.P.) | |
| | LTE Band 5 (Channel Bandwidth 1.4MHz) | 0.141 | W (E.R.P.) | |
| | LTE Band 5 (Channel Bandwidth 3MHz) | 0.137 | W (E.R.P.) | |
| | LTE Band 5 (Channel Bandwidth 5MHz) | 0.134 | W (E.R.P.) | |
| | LTE Band 5 (Channel Bandwidth 10MHz) | 0.131 | W (E.R.P.) | |
| | LTE Band 12 (Channel Bandwidth 1.4MHz) | 0.138 | W (E.R.P.) | |
| | LTE Band 12 (Channel Bandwidth 3MHz) | 0.141 | W (E.R.P.) | |
| | LTE Band 12 (Channel Bandwidth 5MHz) | 0.132 | W (E.R.P.) | |
| | LTE Band 12 (Channel Bandwidth 10MHz) | 0.129 | W (E.R.P.) | |
| | LTE Band 25 (Channel Bandwidth 1.4MHz) | 0.151 | W (E.I.R.P.) | |
| | LTE Band 25 (Channel Bandwidth 3MHz) | 0.153 | W (E.I.R.P.) | |
| | LTE Band 25 (Channel Bandwidth 5MHz) | 0.140 | W (E.I.R.P.) | |
| | LTE Band 25 (Channel Bandwidth 10MHz) | 0.149 | W (E.I.R.P.) | |
| | LTE Band 25 (Channel Bandwidth 15MHz) | 0.165 | W (E.I.R.P.) | |
| | LTE Band 25 (Channel Bandwidth 20MHz) | 0.150 | W (E.I.R.P.) | |
| | Part 90S | | | |
| | LTE Band 26 (Channel Bandwidth 1.4MHz) | 0.128 | W (E.R.P.) | |
| | LTE Band 26 (Channel Bandwidth 3MHz) | 0.126 | W (E.R.P.) | |
| | LTE Band 26 (Channel Bandwidth 5MHz) | 0.133 | W (E.R.P.) | |
| | LTE Band 26 (Channel Bandwidth 10MHz) | 0.129 | W (E.R.P.) | |
| | Part 22H | | | |
| LTE Band 26 (Channel Bandwidth 1.4MHz) | 0.129 | W (E.R.P.) | | |
| LTE Band 26 (Channel Bandwidth 3MHz) | 0.127 | W (E.R.P.) | | |
| LTE Band 26 (Channel Bandwidth 5MHz) | 0.129 | W (E.R.P.) | | |
| LTE Band 26 (Channel Bandwidth 10MHz) | 0.136 | W (E.R.P.) | | |
| LTE Band 26 (Channel Bandwidth 15MHz) | 0.147 | W (E.R.P.) | | |
| LTE Band 41 (Channel Bandwidth 5MHz) | 0.254 | W (E.I.R.P.) | | |
| LTE Band 41 (Channel Bandwidth 10MHz) | 0.235 | W (E.I.R.P.) | | |
| LTE Band 41 (Channel Bandwidth 15MHz) | 0.261 | W (E.I.R.P.) | | |
| LTE Band 41 (Channel Bandwidth 20MHz) | 0.247 | W (E.I.R.P.) | | |

| Power adapter List | | | | |
|--------------------|--|---------|--------------|-----------------|
| Power adapter (1) | Trade Name | NETGEAR | Model Number | MU05BT050100-A1 |
| | I/P: 100-240VAC, 50/60Hz, 0.15A O/P: 5VDC, 1A | | | |
| Power adapter (2) | Trade Name | NETGEAR | Model Number | AD2038F20 |
| | I/P: 100-240VAC, 50/60Hz, 0.13A O/P: 5.0VDC, 1.0A | | | |

1.2. Mode of Operation

Note: The device used two models of adapter, adapter number: AD2038F20 is worst case to perform testing. Three channels had been tested for each channel bandwidth.

| LTE Band 2 | | | | | | |
|-------------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 1.4MHz | | 3MHz | | 5MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 18607 | 1850.7 | 18615 | 1851.5 | 18625 | 1852.5 |
| Middle CH | 18900 | 1880.0 | 18900 | 1880.0 | 18900 | 1880.0 |
| High CH | 19193 | 1909.3 | 19185 | 1908.5 | 19175 | 1907.5 |
| Channel Bandwidth | 10MHz | | 15MHz | | 20MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 18650 | 1855.0 | 18675 | 1857.5 | 18700 | 1860.0 |
| Middle CH | 18900 | 1880.0 | 18900 | 1880.0 | 18900 | 1880.0 |
| High CH | 19150 | 1905.0 | 19125 | 1902.5 | 19100 | 1900.0 |

| LTE Band 4 | | | | | | |
|-------------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 1.4MHz | | 3MHz | | 5MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 19957 | 1710.7 | 19965 | 1711.5 | 19975 | 1712.5 |
| Middle CH | 20175 | 1732.5 | 20175 | 1732.5 | 20175 | 1732.5 |
| High CH | 20393 | 1754.3 | 20385 | 1753.5 | 20375 | 1752.5 |
| Channel Bandwidth | 10MHz | | 15MHz | | 20MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 20000 | 1715.0 | 20025 | 1717.5 | 20050 | 1720.0 |
| Middle CH | 20175 | 1732.5 | 20175 | 1732.5 | 20175 | 1732.5 |
| High CH | 20350 | 1750.0 | 20325 | 1747.5 | 20300 | 1745.0 |

| LTE Band 5 | | | | |
|-------------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 1.4MHz | | 3MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 20407 | 824.7 | 20415 | 825.5 |
| Middle CH | 20525 | 836.5 | 20525 | 836.5 |
| High CH | 20643 | 848.3 | 20635 | 847.5 |
| Channel Bandwidth | 5MHz | | 10MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 20425 | 826.5 | 20450 | 829.0 |
| Middle CH | 20525 | 836.5 | 20525 | 836.5 |
| High CH | 20625 | 846.5 | 20600 | 844.0 |

| LTE Band 12 | | | | |
|-------------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 1.4MHz | | 3MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 23017 | 699.7 | 23025 | 700.5 |
| Middle CH | 23095 | 707.5 | 23095 | 707.5 |
| High CH | 23173 | 715.3 | 23165 | 714.5 |
| Channel Bandwidth | 5MHz | | 10MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 23035 | 701.5 | 23060 | 704.0 |
| Middle CH | 23095 | 707.5 | 23095 | 707.5 |
| High CH | 23155 | 713.5 | 23130 | 711.0 |

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

| LTE Band 25 | | | | | | |
|-------------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 1.4MHz | | 3MHz | | 5MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 26047 | 1850.7 | 26055 | 1851.5 | 26065 | 1852.5 |
| Middle CH | 26365 | 1882.5 | 26365 | 1882.5 | 26365 | 1882.5 |
| High CH | 26683 | 1914.3 | 26675 | 1913.5 | 26665 | 1912.5 |
| Channel Bandwidth | 10MHz | | 15MHz | | 20MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 26090 | 1855.0 | 26115 | 1857.5 | 26140 | 1860.0 |
| Middle CH | 26365 | 1882.5 | 26365 | 1882.5 | 26365 | 1882.5 |
| High CH | 26640 | 1910.0 | 26615 | 1907.5 | 26590 | 1905.0 |

| LTE Band 26_Part 90S | | | | |
|----------------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 1.4MHz | | 3MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 26697 | 814.7 | 26705 | 815.5 |
| Middle CH | 26740 | 819.0 | 26740 | 819.0 |
| High CH | 26783 | 823.3 | 26775 | 822.5 |
| Channel Bandwidth | 5MHz | | 10MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 26715 | 816.5 | 26740 | 819.0 |
| Middle CH | 26740 | 819.0 | | |
| High CH | 26765 | 821.5 | | |

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

| LTE Band 26_Part 22H | | | | | | |
|----------------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 1.4MHz | | 3MHz | | 5MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 26797 | 824.7 | 26805 | 825.5 | 26815 | 826.5 |
| Middle CH | 26865 | 831.5 | 26865 | 831.5 | 26865 | 831.5 |
| High CH | 27033 | 848.3 | 27025 | 847.5 | 27015 | 846.5 |
| Channel Bandwidth | 10MHz | | | 15MHz | | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 26840 | 829.0 | 26865 | 831.5 | --- | --- |
| Middle CH | 26865 | 831.5 | --- | --- | --- | --- |
| High CH | 26990 | 844.0 | 26965 | 841.5 | --- | --- |

| LTE Band 41 | | | | |
|-------------------|---------|-----------------|---------|-----------------|
| Channel Bandwidth | 5MHz | | 10MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 39675 | 2498.5 | 39700 | 2501.0 |
| Middle CH | 40620 | 2593.0 | 40620 | 2593.0 |
| High CH | 41565 | 2687.5 | 41540 | 2685.0 |
| Channel Bandwidth | 15MHz | | 20MHz | |
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| Low CH | 39725 | 2503.5 | 39750 | 2506.0 |
| Middle CH | 40620 | 2593.0 | 40620 | 2593.0 |
| High CH | 41515 | 2682.5 | 41490 | 2680.0 |

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Frequency range investigated for radiated emission: 30MHz to 19000 MHz.

| Band | Channel Bandwidth | Test Modes | |
|---------------|-------------------|---|------|
| LTE Band 2 | 1.4 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link | QPSK |
| | 3 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link | QPSK |
| | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |
| | 15 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link | QPSK |
| | 20 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link | QPSK |

| Band | Channel Bandwidth | Test Modes | |
|---------------|-------------------|---|------|
| LTE Band 4 | 1.4 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link | QPSK |
| | 3 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link | QPSK |
| | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |
| | 15 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link | QPSK |
| | 20 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link | QPSK |

| Band | Channel Bandwidth | Test Modes | |
|---------------|-------------------|--|------|
| LTE Band 5 | 1.4 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link | QPSK |
| | 3 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link | QPSK |
| | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |

| Band | Channel Bandwidth | Test Modes | |
|----------------|-------------------|--|------|
| LTE Band 12 | 1.4 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link | QPSK |
| | 3 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link | QPSK |
| | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |

| Band | Channel Bandwidth | Test Modes | |
|----------------|-------------------|---|------|
| LTE Band 25 | 1.4 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link | QPSK |
| | 3 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link | QPSK |
| | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |
| | 15 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link | QPSK |
| | 20 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link | QPSK |

| Band | Channel Bandwidth | Test Modes | |
|------------------------------|-------------------|--|------|
| LTE Band 26 (Part 90S) | 1.4 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link | QPSK |
| | 3 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link | QPSK |
| | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |

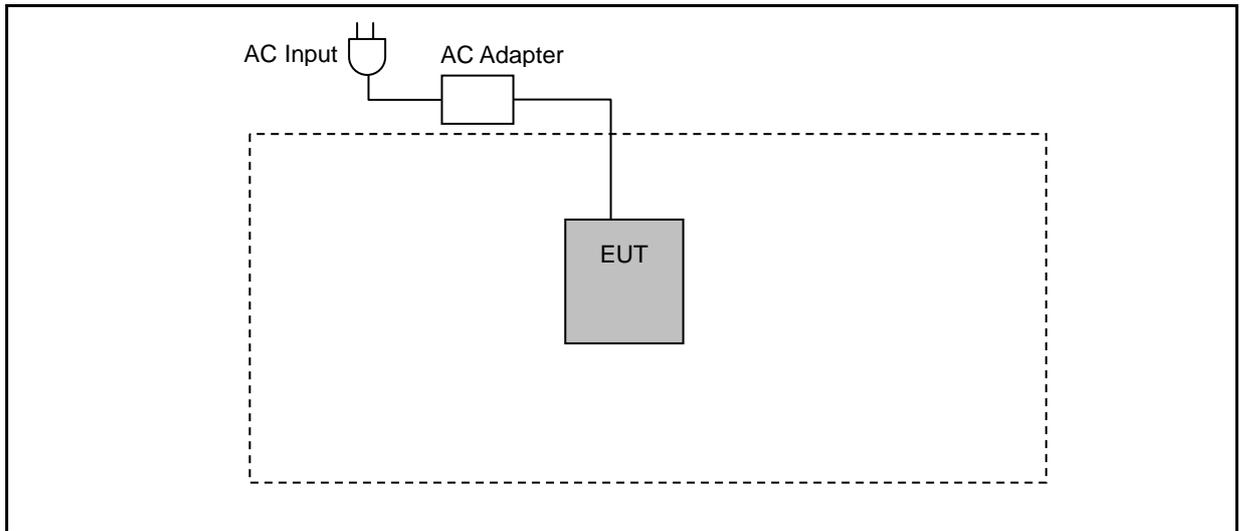
| Band | Channel Bandwidth | Test Modes | |
|------------------------------|-------------------|--|------|
| LTE Band 26 (Part 22H) | 1.4 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link | QPSK |
| | 3 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 8) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 4) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link | QPSK |
| | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |
| | 15 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link | QPSK |

| Band | Channel Bandwidth | Test Modes | |
|----------------|-------------------|---|------|
| LTE Band 41 | 5 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link | QPSK |
| | 10 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link | QPSK |
| | 15 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 38) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 18) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link | QPSK |
| | 20 MHz | <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link | QPSK |

1.3. EUT Exercise Software

| | |
|---|--|
| 1 | Setup the EUT and Base Station (CMW500) as shown on 1.4. |
| 2 | Turn on the power of all equipment. |
| 3 | EUT run test program test. |

1.4. Configuration of Test System Details



1.5. Test Site Environment

| Items | Required (IEC 60068-1) | Actual |
|----------------------------|------------------------|--------|
| Temperature (°C) | 15-35 | 26 |
| Humidity (%RH) | 25-75 | 60 |
| Barometric pressure (mbar) | 860-1060 | 950 |

1.6. Summary of Test Result

| FCC Rule | Description | Result |
|--|--|--------|
| §2.1046 | Conducted Output Average Power | Pass |
| §22.913 §24.232 §27.50 §90.635 | Equivalent Isotropic Radiated Power / Equivalent Radiated Power | Pass |
| §2.1055 §22.355 §24.235 §27.54 | Frequency Stability | Pass |
| §2.1049 | Emission Bandwidth & Occupied Bandwidth | Pass |
| §24.232 §27.50 | Peak to average ratio | Pass |
| §2.1051 §22.917 §24.238 §27.53 §90.691 | Band Edge | Pass |
| §2.1051 §22.917 §24.238 §27.53 §90.691 | Conducted Spurious Emissions | Pass |
| §2.1053 §22.917 §24.238 §27.53 §90.691 | Radiated Spurious Emissions | Pass |

2 Conducted Output Average Power Test

2.1. Limit

N/A

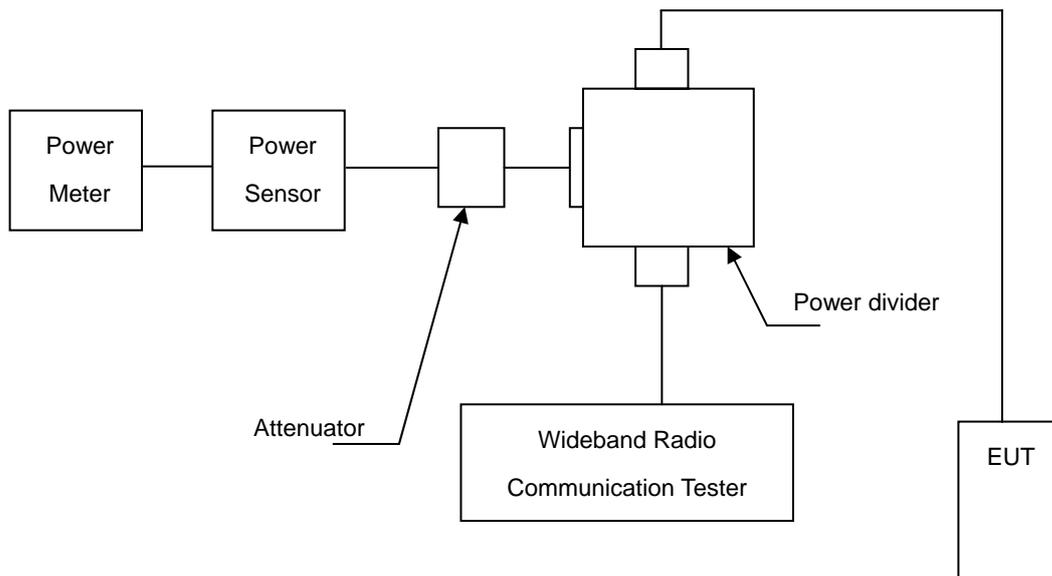
2.2. Test Instruments

| Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Remark |
|-------------------------------------|--------------|-----------|------------|------------|--------|
| Wideband Radio Communication Tester | R & S | CMW500 | 103168 | 11/05/2014 | (1) |
| Wideband Power Sensor | Agilent | N1921A | MY45241957 | 12/15/2014 | (1) |
| Single Channel PK Power Meter | Agilent | N1911A | MY45101619 | 12/15/2014 | (1) |
| Test Site | ATL | TE05 | TE05 | N.C.R. | ----- |

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

2.3. Test Setup



2.4. Test Procedure

- The EUT was set up for the maximum power with LTE link data modulation and link up with simulator.
- Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

2.5. Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

2.6. Test Result

| | | | |
|--------------|--------------------------------|-----------|------|
| Model Number | AC810S-300 | | |
| Test Item | Conducted Output Average Power | | |
| Date of Test | 07/21/2015 | Test Site | TE05 |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 2 | 1.4 MHz | QPSK | 18607 | 1850.7 | 1 | 0 | 22.88 | 0.194 |
| | | | | | 1 | 2 | 22.78 | 0.190 |
| | | | | | 1 | 5 | 22.72 | 0.187 |
| | | | | | 3 | 0 | 22.70 | 0.186 |
| | | | | | 3 | 1 | 22.64 | 0.184 |
| | | | | | 3 | 3 | 22.55 | 0.180 |
| | | | 6 | 0 | 20.81 | 0.121 | | |
| | | | 1 | 0 | 23.05 | 0.202 | | |
| | | | 1 | 2 | 23.01 | 0.200 | | |
| | | | 1 | 5 | 22.99 | 0.199 | | |
| | | | 3 | 0 | 22.98 | 0.199 | | |
| | | | 3 | 1 | 22.96 | 0.198 | | |
| | | | 3 | 3 | 22.93 | 0.196 | | |
| | | | 6 | 0 | 22.01 | 0.159 | | |
| | | | 1 | 0 | 22.85 | 0.193 | | |
| | | | 1 | 2 | 22.78 | 0.190 | | |
| | | | 1 | 5 | 22.78 | 0.190 | | |
| | | | 3 | 0 | 22.76 | 0.189 | | |
| | | 3 | 1 | 22.61 | 0.182 | | | |
| | | 3 | 3 | 22.54 | 0.179 | | | |
| | | 6 | 0 | 21.74 | 0.149 | | | |
| | | 1 | 0 | 22.81 | 0.191 | | | |
| | | 1 | 2 | 22.74 | 0.188 | | | |
| | | 1 | 5 | 22.06 | 0.161 | | | |
| | | 3 | 0 | 21.90 | 0.155 | | | |
| | | 3 | 1 | 21.90 | 0.155 | | | |
| | | 3 | 3 | 21.80 | 0.151 | | | |
| | | 6 | 0 | 21.05 | 0.127 | | | |
| | | 1 | 0 | 22.31 | 0.170 | | | |
| | | 1 | 2 | 22.24 | 0.167 | | | |
| | | 1 | 5 | 22.24 | 0.167 | | | |
| | | 3 | 0 | 22.09 | 0.162 | | | |
| | | 3 | 1 | 22.05 | 0.160 | | | |
| | | 3 | 3 | 22.00 | 0.158 | | | |
| | | 6 | 0 | 21.11 | 0.129 | | | |
| | | 1 | 0 | 22.12 | 0.163 | | | |
| 1 | 2 | 22.08 | 0.161 | | | | | |
| 1 | 5 | 21.96 | 0.157 | | | | | |
| 3 | 0 | 21.96 | 0.157 | | | | | |
| 3 | 1 | 21.84 | 0.153 | | | | | |
| 3 | 3 | 21.80 | 0.151 | | | | | |
| 6 | 0 | 20.97 | 0.125 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 2 | 3 MHz | QPSK | 18615 | 1851.5 | 1 | 0 | 22.62 | 0.183 |
| | | | | | 1 | 8 | 22.58 | 0.181 |
| | | | | | 1 | 14 | 22.47 | 0.177 |
| | | | | | 8 | 0 | 21.84 | 0.153 |
| | | | | | 8 | 4 | 21.83 | 0.152 |
| | | | | | 8 | 7 | 21.80 | 0.151 |
| | | | 18900 | 1880.0 | 15 | 0 | 21.78 | 0.151 |
| | | | | | 1 | 0 | 22.92 | 0.196 |
| | | | | | 1 | 8 | 22.86 | 0.193 |
| | | | | | 1 | 14 | 22.78 | 0.190 |
| | | | | | 8 | 0 | 21.93 | 0.156 |
| | | | | | 8 | 4 | 21.92 | 0.156 |
| | | | 19185 | 1908.5 | 8 | 7 | 21.90 | 0.155 |
| | | | | | 15 | 0 | 21.87 | 0.154 |
| | | | | | 1 | 0 | 23.08 | 0.203 |
| | | | | | 1 | 8 | 22.96 | 0.198 |
| | | | | | 1 | 14 | 22.51 | 0.178 |
| | | | | | 8 | 0 | 22.09 | 0.162 |
| | | 16QAM | 18615 | 1851.5 | 8 | 4 | 22.00 | 0.158 |
| | | | | | 8 | 7 | 21.95 | 0.157 |
| | | | | | 15 | 0 | 21.80 | 0.151 |
| | | | | | 1 | 0 | 21.95 | 0.157 |
| | | | | | 1 | 8 | 21.93 | 0.156 |
| | | | | | 1 | 14 | 21.84 | 0.153 |
| | | | 18900 | 1880.0 | 8 | 0 | 21.00 | 0.126 |
| | | | | | 8 | 4 | 21.00 | 0.126 |
| | | | | | 8 | 7 | 20.97 | 0.125 |
| | | | | | 15 | 0 | 20.95 | 0.124 |
| | | | | | 1 | 0 | 22.28 | 0.169 |
| | | | | | 1 | 8 | 22.22 | 0.167 |
| | | | 19185 | 1908.5 | 1 | 14 | 22.15 | 0.164 |
| | | | | | 8 | 0 | 21.08 | 0.128 |
| | | | | | 8 | 4 | 21.06 | 0.128 |
| | | | | | 8 | 7 | 21.01 | 0.126 |
| | | | | | 15 | 0 | 21.01 | 0.126 |
| | | | | | 1 | 0 | 22.38 | 0.173 |
| | | 19185 | 1908.5 | 1 | 8 | 22.31 | 0.170 | |
| | | | | 1 | 14 | 21.84 | 0.153 | |
| | | | | 8 | 0 | 21.20 | 0.132 | |
| | | | | 8 | 4 | 21.11 | 0.129 | |
| | | | | 8 | 7 | 21.03 | 0.127 | |
| | | | | 15 | 0 | 20.91 | 0.123 | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 2 | 5 MHz | QPSK | 18625 | 1852.5 | 1 | 0 | 22.48 | 0.177 |
| | | | | | 1 | 12 | 22.43 | 0.175 |
| | | | | | 1 | 24 | 22.38 | 0.173 |
| | | | | | 12 | 0 | 21.71 | 0.148 |
| | | | | | 12 | 6 | 21.69 | 0.148 |
| | | | | | 12 | 13 | 21.67 | 0.147 |
| | | | | | 25 | 0 | 21.67 | 0.147 |
| | | | | | 1 | 0 | 22.72 | 0.187 |
| | | | 18900 | 1880.0 | 1 | 12 | 22.72 | 0.187 |
| | | | | | 1 | 24 | 22.69 | 0.186 |
| | | | | | 12 | 0 | 21.95 | 0.157 |
| | | | | | 12 | 6 | 21.89 | 0.155 |
| | | | | | 12 | 13 | 21.89 | 0.155 |
| | | | | | 25 | 0 | 21.88 | 0.154 |
| | | | | | 1 | 0 | 23.13 | 0.206 |
| | | | | | 1 | 12 | 23.05 | 0.202 |
| | | | 19175 | 1907.5 | 1 | 24 | 22.41 | 0.174 |
| | | | | | 12 | 0 | 22.24 | 0.167 |
| | | | | | 12 | 6 | 22.23 | 0.167 |
| | | | | | 12 | 13 | 22.11 | 0.163 |
| | | | | | 25 | 0 | 21.88 | 0.154 |
| | | | | | 1 | 0 | 21.81 | 0.152 |
| | | | | | 1 | 12 | 21.76 | 0.150 |
| | | | | | 1 | 24 | 21.76 | 0.150 |
| | | 16QAM | 18625 | 1852.5 | 12 | 0 | 20.90 | 0.123 |
| | | | | | 12 | 6 | 20.90 | 0.123 |
| | | | | | 12 | 13 | 20.89 | 0.123 |
| | | | | | 25 | 0 | 20.80 | 0.120 |
| | | | | | 1 | 0 | 22.09 | 0.162 |
| | | | | | 1 | 12 | 22.08 | 0.161 |
| | | | | | 1 | 24 | 22.05 | 0.160 |
| | | | | | 12 | 0 | 21.06 | 0.128 |
| | | | 18900 | 1880.0 | 12 | 6 | 21.00 | 0.126 |
| | | | | | 12 | 13 | 21.00 | 0.126 |
| | | | | | 25 | 0 | 20.99 | 0.126 |
| | | | | | 1 | 0 | 22.44 | 0.175 |
| | | | | | 1 | 12 | 22.39 | 0.173 |
| | | | | | 1 | 24 | 21.75 | 0.150 |
| | | | | | 12 | 0 | 21.32 | 0.136 |
| | | | | | 12 | 6 | 21.30 | 0.135 |
| | | | 19175 | 1907.5 | 12 | 11 | 21.19 | 0.132 |
| | | | | | 25 | 0 | 20.97 | 0.125 |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 2 | 10 MHz | QPSK | 18650 | 1855.0 | 1 | 0 | 22.73 | 0.187 |
| | | | | | 1 | 24 | 22.44 | 0.175 |
| | | | | | 1 | 49 | 22.24 | 0.167 |
| | | | | | 25 | 0 | 21.79 | 0.151 |
| | | | | | 25 | 12 | 21.73 | 0.149 |
| | | | | | 25 | 25 | 21.70 | 0.148 |
| | | | 50 | 0 | 21.65 | 0.146 | | |
| | | | 1 | 0 | 22.60 | 0.182 | | |
| | | | 1 | 24 | 22.44 | 0.175 | | |
| | | | 1 | 49 | 22.41 | 0.174 | | |
| | | | 25 | 0 | 21.74 | 0.149 | | |
| | | | 25 | 12 | 21.72 | 0.149 | | |
| | | | 25 | 25 | 21.70 | 0.148 | | |
| | | | 50 | 0 | 21.67 | 0.147 | | |
| | | | 1 | 0 | 23.06 | 0.202 | | |
| | | | 1 | 24 | 22.91 | 0.195 | | |
| | | | 1 | 49 | 22.20 | 0.166 | | |
| | | | 25 | 0 | 22.12 | 0.163 | | |
| | | 25 | 12 | 22.07 | 0.161 | | | |
| | | 25 | 25 | 22.07 | 0.161 | | | |
| | | 50 | 0 | 22.02 | 0.159 | | | |
| | | 1 | 0 | 22.01 | 0.159 | | | |
| | | 1 | 24 | 21.78 | 0.151 | | | |
| | | 1 | 49 | 21.54 | 0.143 | | | |
| | | 25 | 0 | 20.92 | 0.124 | | | |
| | | 25 | 12 | 20.81 | 0.121 | | | |
| | | 25 | 25 | 20.81 | 0.121 | | | |
| | | 50 | 0 | 20.77 | 0.119 | | | |
| | | 1 | 0 | 21.97 | 0.157 | | | |
| | | 1 | 24 | 21.78 | 0.151 | | | |
| | | 1 | 49 | 21.78 | 0.151 | | | |
| | | 25 | 0 | 20.84 | 0.121 | | | |
| | | 25 | 12 | 20.82 | 0.121 | | | |
| | | 25 | 25 | 20.82 | 0.121 | | | |
| | | 50 | 0 | 20.75 | 0.119 | | | |
| | | 1 | 0 | 22.37 | 0.173 | | | |
| | | 1 | 24 | 22.20 | 0.166 | | | |
| | | 1 | 49 | 21.57 | 0.144 | | | |
| | | 25 | 0 | 21.19 | 0.132 | | | |
| | | 25 | 12 | 21.13 | 0.130 | | | |
| | | 25 | 25 | 21.12 | 0.129 | | | |
| | | 50 | 0 | 21.10 | 0.129 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | | | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|-------|-------|
| | | | | | Size | Offset | (dBm) | (W) | | |
| LTE Band 2 | 15 MHz | QPSK | 18675 | 1857.5 | 1 | 0 | 23.12 | 0.205 | | |
| | | | | | 1 | 38 | 22.68 | 0.185 | | |
| | | | | | 1 | 74 | 22.30 | 0.170 | | |
| | | | | | 36 | 0 | 22.08 | 0.161 | | |
| | | | | | 36 | 18 | 22.05 | 0.160 | | |
| | | | | | 36 | 39 | 22.01 | 0.159 | | |
| | | | | | 75 | 0 | 21.78 | 0.151 | | |
| | | | | | 1 | 0 | 22.96 | 0.198 | | |
| | | | 18900 | 1880.0 | 1 | 38 | 22.55 | 0.180 | | |
| | | | | | 1 | 74 | 22.50 | 0.178 | | |
| | | | | | 36 | 0 | 21.80 | 0.151 | | |
| | | | | | 36 | 18 | 21.80 | 0.151 | | |
| | | | | | 36 | 39 | 21.76 | 0.150 | | |
| | | | | | 75 | 0 | 21.74 | 0.149 | | |
| | | | | | 1 | 0 | 23.13 | 0.206 | | |
| | | | | | 1 | 38 | 22.90 | 0.195 | | |
| | | | 19125 | 1902.5 | 1 | 74 | 22.51 | 0.178 | | |
| | | | | | 36 | 0 | 22.18 | 0.165 | | |
| | | | | | 36 | 18 | 22.13 | 0.163 | | |
| | | | | | 36 | 39 | 22.11 | 0.163 | | |
| | | | | | 75 | 0 | 22.04 | 0.160 | | |
| | | | | | 1 | 0 | 22.37 | 0.173 | | |
| | | | | | 1 | 38 | 22.02 | 0.159 | | |
| | | | | | 1 | 74 | 21.69 | 0.148 | | |
| | | 16QAM | 18675 | 1857.5 | 36 | 0 | 21.11 | 0.129 | | |
| | | | | | 36 | 18 | 21.09 | 0.129 | | |
| | | | | | 36 | 39 | 21.08 | 0.128 | | |
| | | | | | 75 | 0 | 20.89 | 0.123 | | |
| | | | | | 1 | 0 | 22.24 | 0.167 | | |
| | | | | | 1 | 38 | 21.91 | 0.155 | | |
| | | | | | 1 | 74 | 21.90 | 0.155 | | |
| | | | | | 36 | 0 | 20.92 | 0.124 | | |
| | | | | | 36 | 18 | 20.87 | 0.122 | | |
| | | | | | 36 | 39 | 20.85 | 0.122 | | |
| | | | | | 75 | 0 | 20.82 | 0.121 | | |
| | | | | | 18900 | 1880.0 | 1 | 0 | 22.44 | 0.175 |
| | | | 1 | 38 | | | 22.21 | 0.166 | | |
| | | | 1 | 74 | | | 21.87 | 0.154 | | |
| | | | 36 | 0 | | | 21.25 | 0.133 | | |
| | | | 36 | 18 | | | 21.18 | 0.131 | | |
| | | | 36 | 39 | | | 21.16 | 0.131 | | |
| | | | 75 | 0 | | | 21.08 | 0.128 | | |
| | | | 19125 | 1902.5 | | | 1 | 0 | 22.44 | 0.175 |
| | | | | | | | 1 | 38 | 22.21 | 0.166 |
| | | | | | | | 1 | 74 | 21.87 | 0.154 |
| | | | | | | | 36 | 0 | 21.25 | 0.133 |
| | | | | | | | 36 | 18 | 21.18 | 0.131 |
| | | | | | 36 | 39 | 21.16 | 0.131 | | |
| 75 | 0 | 21.08 | | | 0.128 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | | |
|------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|-------|
| | | | | | Size | Offset | (dBm) | (W) | |
| LTE Band 2 | 20 MHz | QPSK | 18700 | 1860.0 | 1 | 0 | 22.66 | 0.185 | |
| | | | | | 1 | 49 | 22.65 | 0.184 | |
| | | | | | 1 | 99 | 22.61 | 0.182 | |
| | | | | | 50 | 0 | 22.14 | 0.164 | |
| | | | | | 50 | 25 | 22.07 | 0.161 | |
| | | | | | 50 | 50 | 21.99 | 0.158 | |
| | | | 100 | 0 | 21.81 | 0.152 | | | |
| | | | 1 | 0 | 23.41 | 0.219 | | | |
| | | | 1 | 49 | 22.56 | 0.180 | | | |
| | | | 1 | 99 | 22.42 | 0.175 | | | |
| | | | 50 | 0 | 21.91 | 0.155 | | | |
| | | | 50 | 25 | 21.85 | 0.153 | | | |
| | | | 50 | 50 | 21.77 | 0.150 | | | |
| | | | 100 | 0 | 21.66 | 0.147 | | | |
| | | | 1 | 0 | 22.45 | 0.176 | | | |
| | | | 1 | 49 | 22.41 | 0.174 | | | |
| | | | 1 | 99 | 22.44 | 0.175 | | | |
| | | | 50 | 0 | 22.15 | 0.164 | | | |
| | | 50 | 25 | 22.11 | 0.163 | | | | |
| | | 50 | 50 | 22.06 | 0.161 | | | | |
| | | 100 | 0 | 21.96 | 0.157 | | | | |
| | | 1 | 0 | 22.27 | 0.169 | | | | |
| | | 1 | 49 | 22.21 | 0.166 | | | | |
| | | 1 | 99 | 21.59 | 0.144 | | | | |
| | | 50 | 0 | 21.18 | 0.131 | | | | |
| | | 50 | 25 | 21.07 | 0.128 | | | | |
| | | 50 | 50 | 21.03 | 0.127 | | | | |
| | | 100 | 0 | 20.90 | 0.123 | | | | |
| | | 1 | 0 | 22.16 | 0.164 | | | | |
| | | 1 | 49 | 21.89 | 0.155 | | | | |
| | | 1 | 99 | 21.87 | 0.154 | | | | |
| | | 50 | 0 | 20.98 | 0.125 | | | | |
| | | 50 | 25 | 20.94 | 0.124 | | | | |
| | | 50 | 50 | 20.87 | 0.122 | | | | |
| | | 100 | 0 | 20.78 | 0.120 | | | | |
| | | 1 | 0 | 22.38 | 0.173 | | | | |
| | | 1 | 49 | 21.84 | 0.153 | | | | |
| | | 1 | 99 | 21.80 | 0.151 | | | | |
| | | 50 | 0 | 21.20 | 0.132 | | | | |
| | | 50 | 25 | 21.15 | 0.130 | | | | |
| | | 50 | 50 | 21.10 | 0.129 | | | | |
| | | 100 | 0 | 21.02 | 0.126 | | | | |
| | | 16QAM | 18700 | 1860.0 | 1860.0 | 1 | 0 | 22.27 | 0.169 |
| | | | | | | 1 | 49 | 22.21 | 0.166 |
| | | | | | | 1 | 99 | 21.59 | 0.144 |
| | | | | | | 50 | 0 | 21.18 | 0.131 |
| | | | | | | 50 | 25 | 21.07 | 0.128 |
| | | | | | | 50 | 50 | 21.03 | 0.127 |
| 100 | 0 | | 20.90 | 0.123 | | | | | |
| 1 | 0 | | 22.16 | 0.164 | | | | | |
| 1 | 49 | | 21.89 | 0.155 | | | | | |
| 1 | 99 | | 21.87 | 0.154 | | | | | |
| 50 | 0 | | 20.98 | 0.125 | | | | | |
| 50 | 25 | | 20.94 | 0.124 | | | | | |
| 50 | 50 | | 20.87 | 0.122 | | | | | |
| 100 | 0 | | 20.78 | 0.120 | | | | | |
| 1 | 0 | | 22.38 | 0.173 | | | | | |
| 1 | 49 | | 21.84 | 0.153 | | | | | |
| 1 | 99 | | 21.80 | 0.151 | | | | | |
| 50 | 0 | | 21.20 | 0.132 | | | | | |
| 50 | 25 | 21.15 | 0.130 | | | | | | |
| 50 | 50 | 21.10 | 0.129 | | | | | | |
| 100 | 0 | 21.02 | 0.126 | | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 4 | 1.4 MHz | QPSK | 19957 | 1710.7 | 1 | 0 | 21.70 | 0.148 |
| | | | | | 1 | 2 | 21.66 | 0.147 |
| | | | | | 1 | 5 | 21.63 | 0.146 |
| | | | | | 3 | 0 | 21.61 | 0.145 |
| | | | | | 3 | 1 | 21.58 | 0.144 |
| | | | | | 3 | 3 | 21.56 | 0.143 |
| | | | 6 | 0 | 20.58 | 0.114 | | |
| | | | 1 | 0 | 21.92 | 0.156 | | |
| | | | 1 | 2 | 21.90 | 0.155 | | |
| | | | 1 | 5 | 21.89 | 0.155 | | |
| | | | 3 | 0 | 21.87 | 0.154 | | |
| | | | 3 | 1 | 21.83 | 0.152 | | |
| | | | 3 | 3 | 21.76 | 0.150 | | |
| | | | 6 | 0 | 20.94 | 0.124 | | |
| | | | 1 | 0 | 21.64 | 0.146 | | |
| | | | 1 | 2 | 21.61 | 0.145 | | |
| | | | 1 | 5 | 21.59 | 0.144 | | |
| | | | 3 | 0 | 21.59 | 0.144 | | |
| | | 3 | 1 | 21.57 | 0.144 | | | |
| | | 3 | 3 | 21.56 | 0.143 | | | |
| | | 6 | 0 | 20.51 | 0.112 | | | |
| | | 1 | 0 | 21.81 | 0.152 | | | |
| | | 1 | 2 | 21.80 | 0.151 | | | |
| | | 1 | 5 | 21.78 | 0.151 | | | |
| | | 3 | 0 | 20.58 | 0.114 | | | |
| | | 3 | 1 | 20.55 | 0.114 | | | |
| | | 3 | 3 | 20.52 | 0.113 | | | |
| | | 6 | 0 | 20.51 | 0.112 | | | |
| | | 1 | 0 | 21.18 | 0.131 | | | |
| | | 1 | 2 | 21.13 | 0.130 | | | |
| | | 1 | 5 | 21.09 | 0.129 | | | |
| | | 3 | 0 | 20.93 | 0.124 | | | |
| | | 3 | 1 | 20.89 | 0.123 | | | |
| | | 3 | 3 | 20.86 | 0.122 | | | |
| | | 6 | 0 | 20.59 | 0.115 | | | |
| | | 1 | 0 | 21.59 | 0.144 | | | |
| 1 | 2 | 21.55 | 0.143 | | | | | |
| 1 | 5 | 21.51 | 0.142 | | | | | |
| 3 | 0 | 20.63 | 0.116 | | | | | |
| 3 | 1 | 20.59 | 0.115 | | | | | |
| 3 | 3 | 20.57 | 0.114 | | | | | |
| 6 | 0 | 20.55 | 0.114 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 4 | 3 MHz | QPSK | 19965 | 1711.5 | 1 | 0 | 21.76 | 0.150 |
| | | | | | 1 | 8 | 21.70 | 0.148 |
| | | | | | 1 | 14 | 21.70 | 0.148 |
| | | | | | 8 | 0 | 20.74 | 0.119 |
| | | | | | 8 | 4 | 20.72 | 0.118 |
| | | | | | 8 | 7 | 20.68 | 0.117 |
| | | | | | 15 | 0 | 20.67 | 0.117 |
| | | | | | 1 | 0 | 21.93 | 0.156 |
| | | | 20175 | 1732.5 | 1 | 8 | 21.90 | 0.155 |
| | | | | | 1 | 14 | 21.85 | 0.153 |
| | | | | | 8 | 0 | 21.05 | 0.127 |
| | | | | | 8 | 4 | 21.04 | 0.127 |
| | | | | | 8 | 7 | 20.99 | 0.126 |
| | | | | | 15 | 0 | 20.96 | 0.125 |
| | | | | | 1 | 0 | 21.71 | 0.148 |
| | | | | | 1 | 8 | 21.69 | 0.148 |
| | | | 20385 | 1753.5 | 1 | 14 | 21.63 | 0.146 |
| | | | | | 8 | 0 | 20.60 | 0.115 |
| | | | | | 8 | 4 | 20.60 | 0.115 |
| | | | | | 8 | 7 | 20.58 | 0.114 |
| | | | | | 15 | 0 | 20.58 | 0.114 |
| | | | | | 1 | 0 | 20.99 | 0.126 |
| | | | | | 1 | 8 | 20.93 | 0.124 |
| | | | | | 1 | 14 | 20.87 | 0.122 |
| | | 16QAM | 19965 | 1711.5 | 8 | 0 | 19.76 | 0.095 |
| | | | | | 8 | 4 | 19.75 | 0.094 |
| | | | | | 8 | 7 | 19.70 | 0.093 |
| | | | | | 15 | 0 | 19.68 | 0.093 |
| | | | | | 1 | 0 | 21.28 | 0.134 |
| | | | | | 1 | 8 | 21.18 | 0.131 |
| | | | | | 1 | 14 | 21.16 | 0.131 |
| | | | | | 8 | 0 | 20.09 | 0.102 |
| | | | 20175 | 1732.5 | 8 | 4 | 20.06 | 0.101 |
| | | | | | 8 | 7 | 19.99 | 0.100 |
| | | | | | 15 | 0 | 19.99 | 0.100 |
| | | | | | 1 | 0 | 20.96 | 0.125 |
| | | | | | 1 | 8 | 20.92 | 0.124 |
| | | | | | 1 | 14 | 20.90 | 0.123 |
| | | | | | 8 | 0 | 19.64 | 0.092 |
| | | | | | 8 | 4 | 19.63 | 0.092 |
| | | | 20385 | 1753.5 | 8 | 7 | 19.62 | 0.092 |
| | | | | | 15 | 0 | 19.58 | 0.091 |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 4 | 5 MHz | QPSK | 19975 | 1712.5 | 1 | 0 | 21.68 | 0.147 |
| | | | | | 1 | 12 | 21.56 | 0.143 |
| | | | | | 1 | 24 | 21.56 | 0.143 |
| | | | | | 12 | 0 | 20.76 | 0.119 |
| | | | | | 12 | 6 | 20.67 | 0.117 |
| | | | | | 12 | 13 | 20.67 | 0.117 |
| | | | 25 | 0 | 20.64 | 0.116 | | |
| | | | 1 | 0 | 21.93 | 0.156 | | |
| | | | 1 | 12 | 21.79 | 0.151 | | |
| | | | 1 | 24 | 21.74 | 0.149 | | |
| | | | 12 | 0 | 21.02 | 0.126 | | |
| | | | 12 | 6 | 20.98 | 0.125 | | |
| | | | 12 | 13 | 20.95 | 0.124 | | |
| | | | 25 | 0 | 20.95 | 0.124 | | |
| | | | 1 | 0 | 21.63 | 0.146 | | |
| | | | 1 | 12 | 21.60 | 0.145 | | |
| | | | 1 | 24 | 21.56 | 0.143 | | |
| | | | 12 | 0 | 20.64 | 0.116 | | |
| | | 12 | 6 | 20.61 | 0.115 | | | |
| | | 12 | 13 | 20.60 | 0.115 | | | |
| | | 25 | 0 | 20.56 | 0.114 | | | |
| | | 1 | 0 | 20.92 | 0.124 | | | |
| | | 1 | 12 | 20.80 | 0.120 | | | |
| | | 1 | 24 | 20.75 | 0.119 | | | |
| | | 12 | 0 | 19.74 | 0.094 | | | |
| | | 12 | 6 | 19.66 | 0.092 | | | |
| | | 12 | 13 | 19.65 | 0.092 | | | |
| | | 25 | 0 | 19.63 | 0.092 | | | |
| | | 1 | 0 | 21.19 | 0.132 | | | |
| | | 1 | 12 | 21.06 | 0.128 | | | |
| | | 1 | 24 | 21.03 | 0.127 | | | |
| | | 12 | 0 | 20.01 | 0.100 | | | |
| | | 12 | 6 | 19.95 | 0.099 | | | |
| | | 12 | 13 | 19.95 | 0.099 | | | |
| | | 25 | 0 | 19.93 | 0.098 | | | |
| | | 1 | 0 | 20.88 | 0.122 | | | |
| 1 | 12 | 20.85 | 0.122 | | | | | |
| 1 | 24 | 20.57 | 0.114 | | | | | |
| 12 | 0 | 19.64 | 0.092 | | | | | |
| 12 | 6 | 19.60 | 0.091 | | | | | |
| 12 | 11 | 19.59 | 0.091 | | | | | |
| 25 | 0 | 19.55 | 0.090 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 4 | 10 MHz | QPSK | 2000 | 1715.0 | 1 | 0 | 21.92 | 0.156 |
| | | | | | 1 | 24 | 21.69 | 0.148 |
| | | | | | 1 | 49 | 21.56 | 0.143 |
| | | | | | 25 | 0 | 20.97 | 0.125 |
| | | | | | 25 | 12 | 20.89 | 0.123 |
| | | | | | 25 | 25 | 20.86 | 0.122 |
| | | | 50 | 0 | 20.80 | 0.120 | | |
| | | | 1 | 0 | 22.02 | 0.159 | | |
| | | | 1 | 24 | 21.77 | 0.150 | | |
| | | | 1 | 49 | 21.61 | 0.145 | | |
| | | | 25 | 0 | 21.08 | 0.128 | | |
| | | | 25 | 12 | 21.06 | 0.128 | | |
| | | | 25 | 25 | 20.95 | 0.124 | | |
| | | | 50 | 0 | 20.85 | 0.122 | | |
| | | | 1 | 0 | 21.58 | 0.144 | | |
| | | | 1 | 24 | 21.50 | 0.141 | | |
| | | | 1 | 49 | 21.42 | 0.139 | | |
| | | | 25 | 0 | 20.67 | 0.117 | | |
| | | 25 | 12 | 20.66 | 0.116 | | | |
| | | 25 | 25 | 20.61 | 0.115 | | | |
| | | 50 | 0 | 20.54 | 0.113 | | | |
| | | 20350 | 1750.0 | 1 | 0 | 21.11 | 0.129 | |
| | | 1 | 24 | 20.81 | 0.121 | | | |
| | | 1 | 49 | 20.79 | 0.120 | | | |
| | | 25 | 0 | 19.92 | 0.098 | | | |
| | | 25 | 12 | 19.81 | 0.096 | | | |
| | | 25 | 25 | 19.81 | 0.096 | | | |
| | | 50 | 0 | 19.75 | 0.094 | | | |
| | | 1 | 0 | 21.25 | 0.133 | | | |
| | | 1 | 24 | 21.03 | 0.127 | | | |
| | | 1 | 49 | 20.90 | 0.123 | | | |
| | | 25 | 0 | 20.05 | 0.101 | | | |
| | | 25 | 12 | 20.03 | 0.101 | | | |
| | | 25 | 25 | 19.92 | 0.098 | | | |
| | | 50 | 0 | 19.91 | 0.098 | | | |
| | | 1 | 0 | 20.83 | 0.121 | | | |
| 1 | 24 | 20.76 | 0.119 | | | | | |
| 1 | 49 | 20.65 | 0.116 | | | | | |
| 25 | 0 | 19.66 | 0.092 | | | | | |
| 25 | 12 | 19.65 | 0.092 | | | | | |
| 25 | 25 | 19.60 | 0.091 | | | | | |
| 50 | 0 | 19.52 | 0.090 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 4 | 15 MHz | QPSK | 20025 | 1717.5 | 1 | 0 | 22.04 | 0.160 |
| | | | | | 1 | 38 | 21.82 | 0.152 |
| | | | | | 1 | 74 | 21.78 | 0.151 |
| | | | | | 36 | 0 | 20.88 | 0.122 |
| | | | | | 36 | 18 | 20.87 | 0.122 |
| | | | | | 36 | 39 | 20.86 | 0.122 |
| | | | | | 75 | 0 | 20.84 | 0.121 |
| | | | | | 1 | 0 | 21.96 | 0.157 |
| | | | 20175 | 1732.5 | 1 | 38 | 21.94 | 0.156 |
| | | | | | 1 | 74 | 21.80 | 0.151 |
| | | | | | 36 | 0 | 21.04 | 0.127 |
| | | | | | 36 | 18 | 21.03 | 0.127 |
| | | | | | 36 | 39 | 21.00 | 0.126 |
| | | | | | 75 | 0 | 20.92 | 0.124 |
| | | | | | 1 | 0 | 21.82 | 0.152 |
| | | | | | 1 | 38 | 21.76 | 0.150 |
| | | | 20325 | 1747.5 | 1 | 74 | 21.50 | 0.141 |
| | | | | | 36 | 0 | 20.68 | 0.117 |
| | | | | | 36 | 18 | 20.61 | 0.115 |
| | | | | | 36 | 39 | 20.61 | 0.115 |
| | | | | | 75 | 0 | 20.58 | 0.114 |
| | | | | | 1 | 0 | 21.13 | 0.130 |
| | | | | | 1 | 38 | 21.05 | 0.127 |
| | | | | | 1 | 74 | 20.98 | 0.125 |
| | | 16QAM | 20025 | 1717.5 | 36 | 0 | 19.83 | 0.096 |
| | | | | | 36 | 18 | 19.82 | 0.096 |
| | | | | | 36 | 39 | 19.80 | 0.095 |
| | | | | | 75 | 0 | 19.78 | 0.095 |
| | | | | | 1 | 0 | 21.21 | 0.132 |
| | | | | | 1 | 38 | 21.20 | 0.132 |
| | | | | | 1 | 74 | 21.05 | 0.127 |
| | | | | | 36 | 0 | 20.01 | 0.100 |
| | | | 20175 | 1732.5 | 36 | 18 | 20.01 | 0.100 |
| | | | | | 36 | 39 | 19.95 | 0.099 |
| | | | | | 75 | 0 | 19.89 | 0.097 |
| | | | | | 1 | 0 | 21.05 | 0.127 |
| | | | | | 1 | 38 | 21.03 | 0.127 |
| | | | | | 1 | 74 | 20.77 | 0.119 |
| | | | | | 36 | 0 | 19.67 | 0.093 |
| | | | | | 36 | 18 | 19.60 | 0.091 |
| | | | 20325 | 1747.5 | 36 | 39 | 19.60 | 0.091 |
| | | | | | 75 | 0 | 19.57 | 0.091 |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 4 | 20 MHz | QPSK | 20050 | 1720.0 | 1 | 0 | 21.84 | 0.153 |
| | | | | | 1 | 49 | 21.81 | 0.152 |
| | | | | | 1 | 99 | 21.77 | 0.150 |
| | | | | | 50 | 0 | 20.89 | 0.123 |
| | | | | | 50 | 25 | 20.85 | 0.122 |
| | | | | | 50 | 50 | 20.85 | 0.122 |
| | | | 100 | 0 | 20.81 | 0.121 | | |
| | | | 1 | 0 | 21.97 | 0.157 | | |
| | | | 1 | 49 | 21.64 | 0.146 | | |
| | | | 1 | 99 | 21.64 | 0.146 | | |
| | | | 50 | 0 | 20.98 | 0.125 | | |
| | | | 50 | 25 | 20.91 | 0.123 | | |
| | | | 50 | 50 | 20.90 | 0.123 | | |
| | | | 100 | 0 | 20.89 | 0.123 | | |
| | | | 1 | 0 | 21.96 | 0.157 | | |
| | | | 1 | 49 | 21.63 | 0.146 | | |
| | | | 1 | 99 | 21.59 | 0.144 | | |
| | | | 50 | 0 | 20.84 | 0.121 | | |
| | | 50 | 25 | 20.65 | 0.116 | | | |
| | | 50 | 50 | 20.62 | 0.115 | | | |
| | | 100 | 0 | 20.56 | 0.114 | | | |
| | | 1 | 0 | 21.17 | 0.131 | | | |
| | | 1 | 49 | 21.04 | 0.127 | | | |
| | | 1 | 99 | 20.95 | 0.124 | | | |
| | | 50 | 0 | 19.82 | 0.096 | | | |
| | | 50 | 25 | 19.80 | 0.095 | | | |
| | | 50 | 50 | 19.78 | 0.095 | | | |
| | | 100 | 0 | 19.76 | 0.095 | | | |
| | | 1 | 0 | 21.19 | 0.132 | | | |
| | | 1 | 49 | 20.92 | 0.124 | | | |
| | | 1 | 99 | 20.88 | 0.122 | | | |
| | | 50 | 0 | 19.95 | 0.099 | | | |
| | | 50 | 25 | 19.89 | 0.097 | | | |
| | | 50 | 50 | 19.87 | 0.097 | | | |
| | | 100 | 0 | 19.85 | 0.097 | | | |
| | | 1 | 0 | 21.14 | 0.130 | | | |
| 1 | 49 | 20.90 | 0.123 | | | | | |
| 1 | 99 | 20.84 | 0.121 | | | | | |
| 50 | 0 | 19.82 | 0.096 | | | | | |
| 50 | 25 | 19.63 | 0.092 | | | | | |
| 50 | 50 | 19.61 | 0.091 | | | | | |
| 100 | 0 | 19.56 | 0.090 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 5 | 1.4 MHz | QPSK | 20407 | 824.7 | 1 | 0 | 22.84 | 0.192 |
| | | | | | 1 | 2 | 22.82 | 0.191 |
| | | | | | 1 | 5 | 22.80 | 0.191 |
| | | | | | 3 | 0 | 22.04 | 0.160 |
| | | | | | 3 | 1 | 22.03 | 0.160 |
| | | | | | 3 | 3 | 22.01 | 0.159 |
| | | | 20525 | 836.5 | 6 | 0 | 21.91 | 0.155 |
| | | | | | 1 | 0 | 22.77 | 0.189 |
| | | | | | 1 | 2 | 22.68 | 0.185 |
| | | | | | 1 | 5 | 22.67 | 0.185 |
| | | | | | 3 | 0 | 21.98 | 0.158 |
| | | | | | 3 | 1 | 21.91 | 0.155 |
| | | | 20643 | 848.3 | 3 | 3 | 21.86 | 0.153 |
| | | | | | 6 | 0 | 21.75 | 0.150 |
| | | | | | 1 | 0 | 22.81 | 0.191 |
| | | | | | 1 | 2 | 22.69 | 0.186 |
| | | | | | 1 | 5 | 22.63 | 0.183 |
| | | | | | 3 | 0 | 21.82 | 0.152 |
| | | 16QAM | 20407 | 824.7 | 3 | 1 | 21.76 | 0.150 |
| | | | | | 3 | 3 | 21.72 | 0.149 |
| | | | | | 6 | 0 | 21.71 | 0.148 |
| | | | | | 1 | 0 | 22.40 | 0.174 |
| | | | | | 1 | 2 | 22.30 | 0.170 |
| | | | | | 1 | 5 | 22.15 | 0.164 |
| | | | 20525 | 836.5 | 3 | 0 | 21.13 | 0.130 |
| | | | | | 3 | 1 | 21.11 | 0.129 |
| | | | | | 3 | 3 | 21.08 | 0.128 |
| | | | | | 6 | 0 | 21.04 | 0.127 |
| | | | | | 1 | 0 | 22.18 | 0.165 |
| | | | | | 1 | 2 | 22.06 | 0.161 |
| | | | 20643 | 848.3 | 1 | 5 | 21.94 | 0.156 |
| | | | | | 3 | 0 | 21.03 | 0.127 |
| | | | | | 3 | 1 | 20.98 | 0.125 |
| | | | | | 3 | 3 | 20.88 | 0.122 |
| | | | | | 6 | 0 | 20.80 | 0.120 |
| | | | | | 1 | 0 | 22.29 | 0.169 |
| 20407 | 824.7 | 1 | 2 | 22.16 | 0.164 | | | |
| | | 1 | 5 | 22.13 | 0.163 | | | |
| | | 3 | 0 | 21.09 | 0.129 | | | |
| | | 3 | 1 | 21.07 | 0.128 | | | |
| | | 3 | 3 | 21.05 | 0.127 | | | |
| | | 6 | 0 | 21.02 | 0.126 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 5 | 3 MHz | QPSK | 20415 | 825.5 | 1 | 0 | 22.51 | 0.178 |
| | | | | | 1 | 8 | 22.40 | 0.174 |
| | | | | | 1 | 14 | 22.22 | 0.167 |
| | | | | | 8 | 0 | 21.46 | 0.140 |
| | | | | | 8 | 4 | 21.45 | 0.140 |
| | | | | | 8 | 7 | 21.43 | 0.139 |
| | | | 15 | 0 | 21.33 | 0.136 | | |
| | | | 1 | 0 | 22.38 | 0.173 | | |
| | | | 1 | 8 | 22.22 | 0.167 | | |
| | | | 1 | 14 | 22.09 | 0.162 | | |
| | | | 8 | 0 | 21.40 | 0.138 | | |
| | | | 8 | 4 | 21.33 | 0.136 | | |
| | | | 8 | 7 | 21.28 | 0.134 | | |
| | | | 15 | 0 | 21.17 | 0.131 | | |
| | | | 1 | 0 | 22.23 | 0.167 | | |
| | | | 1 | 8 | 22.11 | 0.163 | | |
| | | | 1 | 14 | 22.05 | 0.160 | | |
| | | | 8 | 0 | 21.24 | 0.133 | | |
| | | 8 | 4 | 21.18 | 0.131 | | | |
| | | 8 | 7 | 21.14 | 0.130 | | | |
| | | 15 | 0 | 21.13 | 0.130 | | | |
| | | 1 | 0 | 21.82 | 0.152 | | | |
| | | 1 | 8 | 21.72 | 0.149 | | | |
| | | 1 | 14 | 21.57 | 0.144 | | | |
| | | 8 | 0 | 20.53 | 0.113 | | | |
| | | 8 | 4 | 20.50 | 0.112 | | | |
| | | 8 | 7 | 20.48 | 0.112 | | | |
| | | 15 | 0 | 20.41 | 0.110 | | | |
| | | 1 | 0 | 21.60 | 0.145 | | | |
| | | 1 | 8 | 21.48 | 0.141 | | | |
| | | 1 | 14 | 21.36 | 0.137 | | | |
| | | 8 | 0 | 20.45 | 0.111 | | | |
| | | 8 | 4 | 20.40 | 0.110 | | | |
| | | 8 | 7 | 20.30 | 0.107 | | | |
| | | 15 | 0 | 20.22 | 0.105 | | | |
| | | 1 | 0 | 21.53 | 0.142 | | | |
| | | 1 | 8 | 21.35 | 0.136 | | | |
| | | 1 | 14 | 21.25 | 0.133 | | | |
| | | 8 | 0 | 20.35 | 0.108 | | | |
| | | 8 | 4 | 20.26 | 0.106 | | | |
| | | 8 | 7 | 20.23 | 0.105 | | | |
| | | 15 | 0 | 20.23 | 0.105 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 5 | 5 MHz | QPSK | 20425 | 826.5 | 1 | 0 | 22.44 | 0.175 |
| | | | | | 1 | 12 | 22.22 | 0.167 |
| | | | | | 1 | 24 | 22.18 | 0.165 |
| | | | | | 12 | 0 | 21.39 | 0.138 |
| | | | | | 12 | 6 | 21.29 | 0.135 |
| | | | | | 12 | 13 | 21.27 | 0.134 |
| | | | 25 | 0 | 21.14 | 0.130 | | |
| | | | 1 | 0 | 22.24 | 0.167 | | |
| | | | 1 | 12 | 22.05 | 0.160 | | |
| | | | 1 | 24 | 22.00 | 0.158 | | |
| | | | 12 | 0 | 21.33 | 0.136 | | |
| | | | 12 | 6 | 21.18 | 0.131 | | |
| | | | 12 | 13 | 21.14 | 0.130 | | |
| | | | 25 | 0 | 21.05 | 0.127 | | |
| | | | 1 | 0 | 22.41 | 0.174 | | |
| | | | 1 | 12 | 22.13 | 0.163 | | |
| | | | 1 | 24 | 22.08 | 0.161 | | |
| | | | 12 | 0 | 21.26 | 0.134 | | |
| | | 12 | 6 | 21.22 | 0.132 | | | |
| | | 12 | 13 | 21.16 | 0.131 | | | |
| | | 25 | 0 | 21.06 | 0.128 | | | |
| | | 1 | 0 | 21.77 | 0.150 | | | |
| | | 1 | 12 | 21.60 | 0.145 | | | |
| | | 1 | 24 | 21.30 | 0.135 | | | |
| | | 12 | 0 | 20.46 | 0.111 | | | |
| | | 12 | 6 | 20.35 | 0.108 | | | |
| | | 12 | 13 | 20.31 | 0.107 | | | |
| | | 25 | 0 | 20.19 | 0.104 | | | |
| | | 1 | 0 | 21.51 | 0.142 | | | |
| | | 1 | 12 | 21.33 | 0.136 | | | |
| | | 1 | 24 | 21.26 | 0.134 | | | |
| | | 12 | 0 | 20.35 | 0.108 | | | |
| | | 12 | 6 | 20.21 | 0.105 | | | |
| | | 12 | 13 | 20.15 | 0.104 | | | |
| | | 25 | 0 | 20.05 | 0.101 | | | |
| | | 1 | 0 | 21.68 | 0.147 | | | |
| | | 1 | 12 | 21.31 | 0.135 | | | |
| | | 1 | 24 | 21.16 | 0.131 | | | |
| | | 12 | 0 | 20.29 | 0.107 | | | |
| | | 12 | 6 | 20.27 | 0.106 | | | |
| | | 12 | 11 | 20.22 | 0.105 | | | |
| | | 25 | 0 | 20.13 | 0.103 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 5 | 10 MHz | QPSK | 20450 | 829.0 | 1 | 0 | 23.01 | 0.200 |
| | | | | | 1 | 24 | 22.96 | 0.198 |
| | | | | | 1 | 49 | 22.77 | 0.189 |
| | | | | | 25 | 0 | 22.35 | 0.172 |
| | | | | | 25 | 12 | 22.24 | 0.167 |
| | | | | | 25 | 25 | 22.01 | 0.159 |
| | | | 50 | 0 | 22.29 | 0.169 | | |
| | | | 1 | 0 | 23.15 | 0.207 | | |
| | | | 1 | 24 | 22.97 | 0.198 | | |
| | | | 1 | 49 | 22.95 | 0.197 | | |
| | | | 25 | 0 | 22.32 | 0.171 | | |
| | | | 25 | 12 | 22.09 | 0.162 | | |
| | | | 25 | 25 | 21.97 | 0.157 | | |
| | | | 50 | 0 | 21.10 | 0.129 | | |
| | | | 1 | 0 | 23.48 | 0.223 | | |
| | | | 1 | 24 | 23.12 | 0.205 | | |
| | | | 1 | 49 | 22.70 | 0.186 | | |
| | | | 25 | 0 | 22.38 | 0.173 | | |
| | | 25 | 12 | 22.31 | 0.170 | | | |
| | | 25 | 25 | 22.04 | 0.160 | | | |
| | | 50 | 0 | 21.30 | 0.135 | | | |
| | | 1 | 0 | 22.73 | 0.187 | | | |
| | | 1 | 24 | 22.43 | 0.175 | | | |
| | | 1 | 49 | 21.92 | 0.156 | | | |
| | | 25 | 0 | 21.35 | 0.136 | | | |
| | | 25 | 12 | 21.31 | 0.135 | | | |
| | | 25 | 25 | 21.25 | 0.133 | | | |
| | | 50 | 0 | 21.05 | 0.127 | | | |
| | | 1 | 0 | 22.54 | 0.179 | | | |
| | | 1 | 24 | 22.27 | 0.169 | | | |
| | | 1 | 49 | 22.22 | 0.167 | | | |
| | | 25 | 0 | 21.36 | 0.137 | | | |
| | | 25 | 12 | 21.12 | 0.129 | | | |
| | | 25 | 25 | 21.11 | 0.129 | | | |
| | | 50 | 0 | 20.95 | 0.124 | | | |
| | | 1 | 0 | 22.61 | 0.182 | | | |
| | | 1 | 24 | 22.42 | 0.175 | | | |
| | | 1 | 49 | 22.03 | 0.160 | | | |
| | | 25 | 0 | 21.37 | 0.137 | | | |
| | | 25 | 12 | 21.33 | 0.136 | | | |
| | | 25 | 25 | 21.31 | 0.135 | | | |
| | | 50 | 0 | 21.08 | 0.128 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 12 | 1.4 MHz | QPSK | 23017 | 699.7 | 1 | 0 | 22.19 | 0.166 |
| | | | | | 1 | 2 | 22.14 | 0.164 |
| | | | | | 1 | 5 | 21.96 | 0.157 |
| | | | | | 3 | 0 | 21.46 | 0.140 |
| | | | | | 3 | 1 | 21.38 | 0.137 |
| | | | | | 3 | 3 | 21.35 | 0.136 |
| | | | 6 | 0 | 21.14 | 0.130 | | |
| | | | 1 | 0 | 22.27 | 0.169 | | |
| | | | 1 | 2 | 22.24 | 0.167 | | |
| | | | 1 | 5 | 22.16 | 0.164 | | |
| | | | 3 | 0 | 21.48 | 0.141 | | |
| | | | 3 | 1 | 21.44 | 0.139 | | |
| | | | 3 | 3 | 21.43 | 0.139 | | |
| | | | 6 | 0 | 21.33 | 0.136 | | |
| | | | 1 | 0 | 22.31 | 0.170 | | |
| | | | 1 | 2 | 22.29 | 0.169 | | |
| | | | 1 | 5 | 22.27 | 0.169 | | |
| | | | 3 | 0 | 21.71 | 0.148 | | |
| | | 3 | 1 | 21.60 | 0.145 | | | |
| | | 3 | 3 | 21.52 | 0.142 | | | |
| | | 6 | 0 | 21.44 | 0.139 | | | |
| | | 1 | 0 | 21.86 | 0.153 | | | |
| | | 1 | 2 | 21.76 | 0.150 | | | |
| | | 1 | 5 | 21.58 | 0.144 | | | |
| | | 3 | 0 | 20.65 | 0.116 | | | |
| | | 3 | 1 | 20.59 | 0.115 | | | |
| | | 3 | 3 | 20.55 | 0.114 | | | |
| | | 6 | 0 | 20.53 | 0.113 | | | |
| | | 1 | 0 | 21.87 | 0.154 | | | |
| | | 1 | 2 | 21.76 | 0.150 | | | |
| | | 1 | 5 | 21.62 | 0.145 | | | |
| | | 3 | 0 | 20.72 | 0.118 | | | |
| | | 3 | 1 | 20.69 | 0.117 | | | |
| | | 3 | 3 | 20.67 | 0.117 | | | |
| | | 6 | 0 | 20.57 | 0.114 | | | |
| | | 1 | 0 | 22.12 | 0.163 | | | |
| 1 | 2 | 21.71 | 0.148 | | | | | |
| 1 | 5 | 21.67 | 0.147 | | | | | |
| 3 | 0 | 20.98 | 0.125 | | | | | |
| 3 | 1 | 20.86 | 0.122 | | | | | |
| 3 | 3 | 20.80 | 0.120 | | | | | |
| 6 | 0 | 20.70 | 0.117 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 12 | 3 MHz | QPSK | 23025 | 700.5 | 1 | 0 | 22.01 | 0.159 |
| | | | | | 1 | 8 | 21.71 | 0.148 |
| | | | | | 1 | 14 | 21.53 | 0.142 |
| | | | | | 8 | 0 | 21.03 | 0.127 |
| | | | | | 8 | 4 | 20.95 | 0.124 |
| | | | | | 8 | 7 | 20.92 | 0.124 |
| | | | 15 | 0 | 20.71 | 0.118 | | |
| | | | 1 | 0 | 22.09 | 0.162 | | |
| | | | 1 | 8 | 21.98 | 0.158 | | |
| | | | 1 | 14 | 21.81 | 0.152 | | |
| | | | 8 | 0 | 21.05 | 0.127 | | |
| | | | 8 | 4 | 21.01 | 0.126 | | |
| | | | 8 | 7 | 21.00 | 0.126 | | |
| | | | 15 | 0 | 20.90 | 0.123 | | |
| | | | 1 | 0 | 22.33 | 0.171 | | |
| | | | 1 | 8 | 21.90 | 0.155 | | |
| | | | 1 | 14 | 21.84 | 0.153 | | |
| | | | 8 | 0 | 21.28 | 0.134 | | |
| | | 8 | 4 | 21.17 | 0.131 | | | |
| | | 8 | 7 | 21.09 | 0.129 | | | |
| | | 15 | 0 | 21.01 | 0.126 | | | |
| | | 1 | 0 | 21.43 | 0.139 | | | |
| | | 1 | 8 | 21.12 | 0.129 | | | |
| | | 1 | 14 | 20.92 | 0.124 | | | |
| | | 8 | 0 | 20.22 | 0.105 | | | |
| | | 8 | 4 | 20.16 | 0.104 | | | |
| | | 8 | 7 | 20.12 | 0.103 | | | |
| | | 15 | 0 | 19.93 | 0.098 | | | |
| | | 1 | 0 | 21.44 | 0.139 | | | |
| | | 1 | 8 | 21.33 | 0.136 | | | |
| | | 1 | 14 | 21.19 | 0.132 | | | |
| | | 8 | 0 | 20.29 | 0.107 | | | |
| | | 8 | 4 | 20.26 | 0.106 | | | |
| | | 8 | 7 | 20.24 | 0.106 | | | |
| | | 15 | 0 | 20.14 | 0.103 | | | |
| | | 1 | 0 | 21.69 | 0.148 | | | |
| | | 1 | 8 | 21.28 | 0.134 | | | |
| | | 1 | 14 | 21.24 | 0.133 | | | |
| | | 8 | 0 | 20.55 | 0.114 | | | |
| | | 8 | 4 | 20.43 | 0.110 | | | |
| | | 8 | 7 | 20.37 | 0.109 | | | |
| | | 15 | 0 | 20.27 | 0.106 | | | |
| | | 16QAM | 23025 | 700.5 | 1 | 0 | 21.43 | 0.139 |
| | | | | | 1 | 8 | 21.12 | 0.129 |
| | | | | | 1 | 14 | 20.92 | 0.124 |
| | | | | | 8 | 0 | 20.22 | 0.105 |
| | | | | | 8 | 4 | 20.16 | 0.104 |
| | | | | | 8 | 7 | 20.12 | 0.103 |
| 15 | 0 | | 19.93 | 0.098 | | | | |
| 1 | 0 | | 21.44 | 0.139 | | | | |
| 1 | 8 | | 21.33 | 0.136 | | | | |
| 1 | 14 | | 21.19 | 0.132 | | | | |
| 8 | 0 | | 20.29 | 0.107 | | | | |
| 8 | 4 | | 20.26 | 0.106 | | | | |
| 8 | 7 | | 20.24 | 0.106 | | | | |
| 15 | 0 | | 20.14 | 0.103 | | | | |
| 1 | 0 | | 21.69 | 0.148 | | | | |
| 1 | 8 | | 21.28 | 0.134 | | | | |
| 1 | 14 | | 21.24 | 0.133 | | | | |
| 8 | 0 | | 20.55 | 0.114 | | | | |
| 8 | 4 | 20.43 | 0.110 | | | | | |
| 8 | 7 | 20.37 | 0.109 | | | | | |
| 15 | 0 | 20.27 | 0.106 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 12 | 5 MHz | QPSK | 23035 | 701.5 | 1 | 0 | 21.99 | 0.158 |
| | | | | | 1 | 12 | 21.70 | 0.148 |
| | | | | | 1 | 24 | 21.55 | 0.143 |
| | | | | | 12 | 0 | 20.91 | 0.123 |
| | | | | | 12 | 6 | 20.87 | 0.122 |
| | | | | | 12 | 13 | 20.81 | 0.121 |
| | | | 23095 | 707.5 | 25 | 0 | 20.79 | 0.120 |
| | | | | | 1 | 0 | 21.97 | 0.157 |
| | | | | | 1 | 12 | 21.74 | 0.149 |
| | | | | | 1 | 24 | 21.51 | 0.142 |
| | | | | | 12 | 0 | 21.03 | 0.127 |
| | | | | | 12 | 6 | 20.97 | 0.125 |
| | | | 23155 | 713.5 | 12 | 13 | 20.92 | 0.124 |
| | | | | | 25 | 0 | 20.87 | 0.122 |
| | | | | | 1 | 0 | 22.24 | 0.167 |
| | | | | | 1 | 12 | 21.98 | 0.158 |
| | | | | | 1 | 24 | 21.94 | 0.156 |
| | | | | | 12 | 0 | 21.25 | 0.133 |
| | | 16QAM | 23035 | 701.5 | 12 | 6 | 21.24 | 0.133 |
| | | | | | 12 | 13 | 21.19 | 0.132 |
| | | | | | 25 | 0 | 20.97 | 0.125 |
| | | | | | 1 | 0 | 21.37 | 0.137 |
| | | | | | 1 | 12 | 21.13 | 0.130 |
| | | | | | 1 | 24 | 20.95 | 0.124 |
| | | | 23095 | 707.5 | 12 | 0 | 20.09 | 0.102 |
| | | | | | 12 | 6 | 20.09 | 0.102 |
| | | | | | 12 | 13 | 20.03 | 0.101 |
| | | | | | 25 | 0 | 20.02 | 0.100 |
| | | | | | 1 | 0 | 21.31 | 0.135 |
| | | | | | 1 | 12 | 21.11 | 0.129 |
| | | | 23155 | 713.5 | 1 | 24 | 20.85 | 0.122 |
| | | | | | 12 | 0 | 20.26 | 0.106 |
| | | | | | 12 | 6 | 20.19 | 0.104 |
| | | | | | 12 | 13 | 20.11 | 0.103 |
| | | | | | 25 | 0 | 20.10 | 0.102 |
| | | | | | 1 | 0 | 21.60 | 0.145 |
| 23035 | 701.5 | 1 | 12 | 21.36 | 0.137 | | | |
| | | 1 | 24 | 21.34 | 0.136 | | | |
| | | 12 | 0 | 20.49 | 0.112 | | | |
| | | 12 | 6 | 20.49 | 0.112 | | | |
| | | 12 | 11 | 20.43 | 0.110 | | | |
| | | 25 | 0 | 20.17 | 0.104 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 12 | 10 MHz | QPSK | 23060 | 704.0 | 1 | 0 | 22.42 | 0.175 |
| | | | | | 1 | 24 | 22.34 | 0.171 |
| | | | | | 1 | 49 | 22.29 | 0.169 |
| | | | | | 25 | 0 | 21.74 | 0.149 |
| | | | | | 25 | 12 | 21.65 | 0.146 |
| | | | | | 25 | 25 | 21.52 | 0.142 |
| | | | 50 | 0 | 21.46 | 0.140 | | |
| | | | 23095 | 707.5 | 1 | 0 | 22.16 | 0.164 |
| | | | | | 1 | 24 | 21.89 | 0.155 |
| | | | | | 1 | 49 | 21.63 | 0.146 |
| | | | | | 25 | 0 | 21.84 | 0.153 |
| | | | | | 25 | 12 | 21.82 | 0.152 |
| | | | | | 25 | 25 | 21.62 | 0.145 |
| | | | 50 | 0 | 21.61 | 0.145 | | |
| | | | 23130 | 711.0 | 1 | 0 | 21.93 | 0.156 |
| | | | | | 1 | 24 | 21.88 | 0.154 |
| | | | | | 1 | 49 | 21.50 | 0.141 |
| | | | | | 25 | 0 | 21.94 | 0.156 |
| | | 25 | | | 12 | 21.80 | 0.151 | |
| | | 25 | | | 25 | 21.78 | 0.151 | |
| | | 50 | 0 | 21.71 | 0.148 | | | |
| | | 16QAM | 23060 | 704.0 | 1 | 0 | 21.31 | 0.135 |
| | | | | | 1 | 24 | 21.19 | 0.132 |
| | | | | | 1 | 49 | 21.00 | 0.126 |
| | | | | | 25 | 0 | 20.19 | 0.104 |
| | | | | | 25 | 12 | 20.09 | 0.102 |
| | | | | | 25 | 25 | 19.92 | 0.098 |
| | | | 50 | 0 | 19.91 | 0.098 | | |
| | | | 23095 | 707.5 | 1 | 0 | 21.43 | 0.139 |
| | | | | | 1 | 24 | 21.15 | 0.130 |
| | | | | | 1 | 49 | 20.78 | 0.120 |
| | | | | | 25 | 0 | 20.25 | 0.106 |
| | | | | | 25 | 12 | 20.24 | 0.106 |
| | | | | | 25 | 25 | 20.06 | 0.101 |
| | | | 50 | 0 | 20.05 | 0.101 | | |
| | | | 23130 | 711.0 | 1 | 0 | 21.54 | 0.143 |
| | | | | | 1 | 24 | 21.46 | 0.140 |
| | | | | | 1 | 49 | 20.88 | 0.122 |
| | | | | | 25 | 0 | 20.35 | 0.108 |
| | | 25 | | | 12 | 20.23 | 0.105 | |
| | | 25 | | | 25 | 20.20 | 0.105 | |
| | | 50 | 0 | 20.12 | 0.103 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 25 | 1.4 MHz | QPSK | 26047 | 1850.7 | 1 | 0 | 22.28 | 0.169 |
| | | | | | 1 | 2 | 22.19 | 0.166 |
| | | | | | 1 | 5 | 22.18 | 0.165 |
| | | | | | 3 | 0 | 22.08 | 0.161 |
| | | | | | 3 | 1 | 22.01 | 0.159 |
| | | | | | 3 | 3 | 21.98 | 0.158 |
| | | | 6 | 0 | 21.06 | 0.128 | | |
| | | | 1 | 0 | 22.34 | 0.171 | | |
| | | | 1 | 2 | 22.28 | 0.169 | | |
| | | | 1 | 5 | 22.27 | 0.169 | | |
| | | | 3 | 0 | 22.17 | 0.165 | | |
| | | | 3 | 1 | 22.17 | 0.165 | | |
| | | | 3 | 3 | 22.13 | 0.163 | | |
| | | | 6 | 0 | 21.33 | 0.136 | | |
| | | | 1 | 0 | 22.69 | 0.186 | | |
| | | | 1 | 2 | 22.67 | 0.185 | | |
| | | | 1 | 5 | 22.63 | 0.183 | | |
| | | | 3 | 0 | 22.62 | 0.183 | | |
| | | 3 | 1 | 22.58 | 0.181 | | | |
| | | 3 | 3 | 22.56 | 0.180 | | | |
| | | 6 | 0 | 21.70 | 0.148 | | | |
| | | 1 | 0 | 22.36 | 0.172 | | | |
| | | 1 | 2 | 22.25 | 0.168 | | | |
| | | 1 | 5 | 22.15 | 0.164 | | | |
| | | 3 | 0 | 21.35 | 0.136 | | | |
| | | 3 | 1 | 21.34 | 0.136 | | | |
| | | 3 | 3 | 21.27 | 0.134 | | | |
| | | 6 | 0 | 20.52 | 0.113 | | | |
| | | 1 | 0 | 21.58 | 0.144 | | | |
| | | 1 | 2 | 21.48 | 0.141 | | | |
| | | 1 | 5 | 21.47 | 0.140 | | | |
| | | 3 | 0 | 21.45 | 0.140 | | | |
| | | 3 | 1 | 21.41 | 0.138 | | | |
| | | 3 | 3 | 21.24 | 0.133 | | | |
| | | 6 | 0 | 20.49 | 0.112 | | | |
| | | 1 | 0 | 21.98 | 0.158 | | | |
| 1 | 2 | 21.93 | 0.156 | | | | | |
| 1 | 5 | 21.84 | 0.153 | | | | | |
| 3 | 0 | 21.81 | 0.152 | | | | | |
| 3 | 1 | 21.76 | 0.150 | | | | | |
| 3 | 3 | 21.69 | 0.148 | | | | | |
| 6 | 0 | 20.83 | 0.121 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|-------|
| | | | | | Size | Offset | (dBm) | (W) | |
| LTE Band 25 | 3 MHz | QPSK | 26055 | 1851.5 | 1 | 0 | 22.07 | 0.161 | |
| | | | | | 1 | 8 | 22.05 | 0.160 | |
| | | | | | 1 | 14 | 21.98 | 0.158 | |
| | | | | | 8 | 0 | 21.18 | 0.131 | |
| | | | | | 8 | 4 | 21.16 | 0.131 | |
| | | | | | 8 | 7 | 21.11 | 0.129 | |
| | | | 15 | 0 | 21.06 | 0.128 | | | |
| | | | 1 | 0 | 22.29 | 0.169 | | | |
| | | | 1 | 8 | 22.21 | 0.166 | | | |
| | | | 1 | 14 | 22.09 | 0.162 | | | |
| | | | 8 | 0 | 21.33 | 0.136 | | | |
| | | | 8 | 4 | 21.32 | 0.136 | | | |
| | | | 8 | 7 | 21.27 | 0.134 | | | |
| | | | 15 | 0 | 21.22 | 0.132 | | | |
| | | | 1 | 0 | 22.71 | 0.187 | | | |
| | | | 1 | 8 | 22.56 | 0.180 | | | |
| | | | 1 | 14 | 22.48 | 0.177 | | | |
| | | | 8 | 0 | 21.74 | 0.149 | | | |
| | | 8 | 4 | 21.70 | 0.148 | | | | |
| | | 8 | 7 | 21.61 | 0.145 | | | | |
| | | 15 | 0 | 21.57 | 0.144 | | | | |
| | | 1 | 0 | 21.41 | 0.138 | | | | |
| | | 1 | 8 | 21.40 | 0.138 | | | | |
| | | 1 | 14 | 21.37 | 0.137 | | | | |
| | | 8 | 0 | 20.38 | 0.109 | | | | |
| | | 8 | 4 | 20.35 | 0.108 | | | | |
| | | 8 | 7 | 20.32 | 0.108 | | | | |
| | | 15 | 0 | 20.32 | 0.108 | | | | |
| | | 1 | 0 | 21.70 | 0.148 | | | | |
| | | 1 | 8 | 21.60 | 0.145 | | | | |
| | | 1 | 14 | 21.44 | 0.139 | | | | |
| | | 8 | 0 | 20.51 | 0.112 | | | | |
| | | 8 | 4 | 20.45 | 0.111 | | | | |
| | | 8 | 7 | 20.43 | 0.110 | | | | |
| | | 15 | 0 | 20.37 | 0.109 | | | | |
| | | 1 | 0 | 22.01 | 0.159 | | | | |
| | | 1 | 8 | 21.86 | 0.153 | | | | |
| | | 1 | 14 | 21.80 | 0.151 | | | | |
| | | 8 | 0 | 20.88 | 0.122 | | | | |
| | | 8 | 4 | 20.81 | 0.121 | | | | |
| | | 8 | 7 | 20.74 | 0.119 | | | | |
| | | 15 | 0 | 20.71 | 0.118 | | | | |
| | | 16QAM | 26055 | 1851.5 | 1851.5 | 1 | 0 | 21.41 | 0.138 |
| | | | | | | 1 | 8 | 21.40 | 0.138 |
| | | | | | | 1 | 14 | 21.37 | 0.137 |
| | | | | | | 8 | 0 | 20.38 | 0.109 |
| | | | | | | 8 | 4 | 20.35 | 0.108 |
| | | | | | | 8 | 7 | 20.32 | 0.108 |
| 15 | 0 | | 20.32 | 0.108 | | | | | |
| 1 | 0 | | 21.70 | 0.148 | | | | | |
| 1 | 8 | | 21.60 | 0.145 | | | | | |
| 1 | 14 | | 21.44 | 0.139 | | | | | |
| 8 | 0 | | 20.51 | 0.112 | | | | | |
| 8 | 4 | | 20.45 | 0.111 | | | | | |
| 8 | 7 | | 20.43 | 0.110 | | | | | |
| 15 | 0 | | 20.37 | 0.109 | | | | | |
| 1 | 0 | | 22.01 | 0.159 | | | | | |
| 1 | 8 | | 21.86 | 0.153 | | | | | |
| 1 | 14 | | 21.80 | 0.151 | | | | | |
| 8 | 0 | | 20.88 | 0.122 | | | | | |
| 8 | 4 | 20.81 | 0.121 | | | | | | |
| 8 | 7 | 20.74 | 0.119 | | | | | | |
| 15 | 0 | 20.71 | 0.118 | | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 25 | 5 MHz | QPSK | 26065 | 1852.5 | 1 | 0 | 22.17 | 0.165 |
| | | | | | 1 | 12 | 22.02 | 0.159 |
| | | | | | 1 | 24 | 21.96 | 0.157 |
| | | | | | 12 | 0 | 21.30 | 0.135 |
| | | | | | 12 | 6 | 21.21 | 0.132 |
| | | | | | 12 | 13 | 21.19 | 0.132 |
| | | | 25 | 0 | 21.12 | 0.129 | | |
| | | | 1 | 0 | 22.17 | 0.165 | | |
| | | | 1 | 12 | 22.10 | 0.162 | | |
| | | | 1 | 24 | 22.08 | 0.161 | | |
| | | | 12 | 0 | 21.31 | 0.135 | | |
| | | | 12 | 6 | 21.29 | 0.135 | | |
| | | | 12 | 13 | 21.26 | 0.134 | | |
| | | | 25 | 0 | 21.14 | 0.130 | | |
| | | | 1 | 0 | 22.62 | 0.183 | | |
| | | | 1 | 12 | 22.42 | 0.175 | | |
| | | | 1 | 24 | 22.29 | 0.169 | | |
| | | | 12 | 0 | 21.68 | 0.147 | | |
| | | 12 | 6 | 21.63 | 0.146 | | | |
| | | 12 | 13 | 21.61 | 0.145 | | | |
| | | 25 | 0 | 21.51 | 0.142 | | | |
| | | 1 | 0 | 21.52 | 0.142 | | | |
| | | 1 | 12 | 21.37 | 0.137 | | | |
| | | 1 | 24 | 21.26 | 0.134 | | | |
| | | 12 | 0 | 20.44 | 0.111 | | | |
| | | 12 | 6 | 20.35 | 0.108 | | | |
| | | 12 | 13 | 20.35 | 0.108 | | | |
| | | 25 | 0 | 20.26 | 0.106 | | | |
| | | 1 | 0 | 21.55 | 0.143 | | | |
| | | 1 | 12 | 21.47 | 0.140 | | | |
| | | 1 | 24 | 21.43 | 0.139 | | | |
| | | 12 | 0 | 20.44 | 0.111 | | | |
| | | 12 | 6 | 20.42 | 0.110 | | | |
| | | 12 | 13 | 20.39 | 0.109 | | | |
| | | 25 | 0 | 20.26 | 0.106 | | | |
| | | 1 | 0 | 21.95 | 0.157 | | | |
| | | 1 | 12 | 21.76 | 0.150 | | | |
| | | 1 | 24 | 21.61 | 0.145 | | | |
| | | 12 | 0 | 20.78 | 0.120 | | | |
| | | 12 | 6 | 20.73 | 0.118 | | | |
| | | 12 | 11 | 20.71 | 0.118 | | | |
| | | 25 | 0 | 20.60 | 0.115 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|----------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 25 | 10 MHz | QPSK | 26090 | 1855.0 | 1 | 0 | 22.41 | 0.174 |
| | | | | | 1 | 24 | 22.22 | 0.167 |
| | | | | | 1 | 49 | 21.81 | 0.152 |
| | | | | | 25 | 0 | 21.49 | 0.141 |
| | | | | | 25 | 12 | 21.34 | 0.136 |
| | | | | | 25 | 25 | 21.30 | 0.135 |
| | | | 50 | 0 | 21.19 | 0.132 | | |
| | | | 1 | 0 | 21.99 | 0.158 | | |
| | | | 1 | 24 | 21.94 | 0.156 | | |
| | | | 1 | 49 | 21.91 | 0.155 | | |
| | | | 25 | 0 | 21.20 | 0.132 | | |
| | | | 25 | 12 | 21.19 | 0.132 | | |
| | | | 25 | 25 | 21.18 | 0.131 | | |
| | | | 50 | 0 | 21.15 | 0.130 | | |
| | | | 1 | 0 | 22.44 | 0.175 | | |
| | | | 1 | 24 | 22.35 | 0.172 | | |
| | | | 1 | 49 | 22.32 | 0.171 | | |
| | | | 25 | 0 | 21.55 | 0.143 | | |
| | | 25 | 12 | 21.53 | 0.142 | | | |
| | | 25 | 25 | 21.48 | 0.141 | | | |
| | | 50 | 0 | 21.43 | 0.139 | | | |
| | | 1 | 0 | 21.71 | 0.148 | | | |
| | | 1 | 24 | 21.55 | 0.143 | | | |
| | | 1 | 49 | 21.13 | 0.130 | | | |
| | | 25 | 0 | 20.59 | 0.115 | | | |
| | | 25 | 12 | 20.46 | 0.111 | | | |
| | | 25 | 25 | 20.42 | 0.110 | | | |
| | | 50 | 0 | 20.33 | 0.108 | | | |
| | | 1 | 0 | 21.36 | 0.137 | | | |
| | | 1 | 24 | 21.29 | 0.135 | | | |
| | | 1 | 49 | 21.29 | 0.135 | | | |
| | | 25 | 0 | 20.32 | 0.108 | | | |
| | | 25 | 12 | 20.30 | 0.107 | | | |
| | | 25 | 25 | 20.29 | 0.107 | | | |
| | | 50 | 0 | 20.27 | 0.106 | | | |
| | | 1 | 0 | 21.76 | 0.150 | | | |
| 1 | 24 | 21.71 | 0.148 | | | | | |
| 1 | 49 | 21.63 | 0.146 | | | | | |
| 25 | 0 | 20.64 | 0.116 | | | | | |
| 25 | 12 | 20.62 | 0.115 | | | | | |
| 25 | 25 | 20.58 | 0.114 | | | | | |
| 50 | 0 | 20.50 | 0.112 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 25 | 15 MHz | QPSK | 26115 | 1857.5 | 1 | 0 | 23.03 | 0.201 |
| | | | | | 1 | 38 | 22.47 | 0.177 |
| | | | | | 1 | 74 | 22.09 | 0.162 |
| | | | | | 36 | 0 | 21.90 | 0.155 |
| | | | | | 36 | 18 | 21.66 | 0.147 |
| | | | | | 36 | 39 | 21.64 | 0.146 |
| | | | 75 | 0 | 21.35 | 0.136 | | |
| | | | 1 | 0 | 22.37 | 0.173 | | |
| | | | 1 | 38 | 22.36 | 0.172 | | |
| | | | 1 | 74 | 22.20 | 0.166 | | |
| | | | 36 | 0 | 21.33 | 0.136 | | |
| | | | 36 | 18 | 21.30 | 0.135 | | |
| | | 36 | 39 | 21.29 | 0.135 | | | |
| | | 75 | 0 | 21.24 | 0.133 | | | |
| | | 1 | 0 | 22.89 | 0.195 | | | |
| | | 1 | 38 | 22.65 | 0.184 | | | |
| | | 1 | 74 | 22.47 | 0.177 | | | |
| | | 36 | 0 | 21.69 | 0.148 | | | |
| | | 36 | 18 | 21.68 | 0.147 | | | |
| | | 36 | 39 | 21.67 | 0.147 | | | |
| | | 75 | 0 | 21.62 | 0.145 | | | |
| | | 1 | 0 | 22.30 | 0.170 | | | |
| | | 1 | 38 | 21.77 | 0.150 | | | |
| | | 1 | 74 | 21.41 | 0.138 | | | |
| | | 36 | 0 | 20.92 | 0.124 | | | |
| | | 36 | 18 | 20.72 | 0.118 | | | |
| | | 36 | 39 | 20.72 | 0.118 | | | |
| | | 75 | 0 | 20.45 | 0.111 | | | |
| | | 1 | 0 | 21.73 | 0.149 | | | |
| | | 1 | 38 | 21.69 | 0.148 | | | |
| | | 1 | 74 | 21.55 | 0.143 | | | |
| | | 36 | 0 | 20.41 | 0.110 | | | |
| | | 36 | 18 | 20.41 | 0.110 | | | |
| | | 36 | 39 | 20.39 | 0.109 | | | |
| | | 75 | 0 | 20.35 | 0.108 | | | |
| | | 1 | 0 | 22.20 | 0.166 | | | |
| 1 | 38 | 21.98 | 0.158 | | | | | |
| 1 | 74 | 21.81 | 0.152 | | | | | |
| 36 | 0 | 20.78 | 0.120 | | | | | |
| 36 | 18 | 20.76 | 0.119 | | | | | |
| 36 | 39 | 20.73 | 0.118 | | | | | |
| 75 | 0 | 20.71 | 0.118 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 25 | 20 MHz | QPSK | 26140 | 1860.0 | 1 | 0 | 23.25 | 0.211 |
| | | | | | 1 | 49 | 23.17 | 0.207 |
| | | | | | 1 | 99 | 22.51 | 0.178 |
| | | | | | 50 | 0 | 22.46 | 0.176 |
| | | | | | 50 | 25 | 22.34 | 0.171 |
| | | | | | 50 | 50 | 22.27 | 0.169 |
| | | | 100 | 0 | 22.02 | 0.159 | | |
| | | | 1 | 0 | 23.41 | 0.219 | | |
| | | | 1 | 49 | 23.26 | 0.212 | | |
| | | | 1 | 99 | 23.01 | 0.200 | | |
| | | | 50 | 0 | 22.33 | 0.171 | | |
| | | | 50 | 25 | 22.32 | 0.171 | | |
| | | | 50 | 50 | 22.29 | 0.169 | | |
| | | | 100 | 0 | 22.27 | 0.169 | | |
| | | | 1 | 0 | 23.39 | 0.218 | | |
| | | | 1 | 49 | 23.20 | 0.209 | | |
| | | | 1 | 99 | 23.18 | 0.208 | | |
| | | | 50 | 0 | 22.43 | 0.175 | | |
| | | 50 | 25 | 22.40 | 0.174 | | | |
| | | 50 | 50 | 22.31 | 0.170 | | | |
| | | 100 | 0 | 22.26 | 0.168 | | | |
| | | 1 | 0 | 22.54 | 0.179 | | | |
| | | 1 | 49 | 22.00 | 0.158 | | | |
| | | 1 | 99 | 21.37 | 0.137 | | | |
| | | 50 | 0 | 20.90 | 0.123 | | | |
| | | 50 | 25 | 20.89 | 0.123 | | | |
| | | 50 | 50 | 20.82 | 0.121 | | | |
| | | 100 | 0 | 20.64 | 0.116 | | | |
| | | 1 | 0 | 22.69 | 0.186 | | | |
| | | 1 | 49 | 21.64 | 0.146 | | | |
| | | 1 | 99 | 21.39 | 0.138 | | | |
| | | 50 | 0 | 20.48 | 0.112 | | | |
| | | 50 | 25 | 20.42 | 0.110 | | | |
| | | 50 | 50 | 20.41 | 0.110 | | | |
| | | 100 | 0 | 20.40 | 0.110 | | | |
| | | 1 | 0 | 22.73 | 0.187 | | | |
| 1 | 49 | 21.89 | 0.155 | | | | | |
| 1 | 99 | 21.85 | 0.153 | | | | | |
| 50 | 0 | 20.84 | 0.121 | | | | | |
| 50 | 25 | 20.80 | 0.120 | | | | | |
| 50 | 50 | 20.73 | 0.118 | | | | | |
| 100 | 0 | 20.71 | 0.118 | | | | | |
| 16QAM | 26140 | 1860.0 | 1860.0 | 1 | 0 | 22.54 | 0.179 | |
| | | | | 1 | 49 | 22.00 | 0.158 | |
| | | | | 1 | 99 | 21.37 | 0.137 | |
| | | | | 50 | 0 | 20.90 | 0.123 | |
| | | | | 50 | 25 | 20.89 | 0.123 | |
| | | | | 50 | 50 | 20.82 | 0.121 | |
| | 100 | 0 | 20.64 | 0.116 | | | | |
| | 1 | 0 | 22.69 | 0.186 | | | | |
| | 1 | 49 | 21.64 | 0.146 | | | | |
| | 1 | 99 | 21.39 | 0.138 | | | | |
| | 50 | 0 | 20.48 | 0.112 | | | | |
| | 50 | 25 | 20.42 | 0.110 | | | | |
| | 50 | 50 | 20.41 | 0.110 | | | | |
| | 100 | 0 | 20.40 | 0.110 | | | | |
| | 1 | 0 | 22.73 | 0.187 | | | | |
| | 1 | 49 | 21.89 | 0.155 | | | | |
| | 1 | 99 | 21.85 | 0.153 | | | | |
| | 50 | 0 | 20.84 | 0.121 | | | | |
| 50 | 25 | 20.80 | 0.120 | | | | | |
| 50 | 50 | 20.73 | 0.118 | | | | | |
| 100 | 0 | 20.71 | 0.118 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 90S) | 1.4 MHz | QPSK | 26697 | 814.7 | 1 | 0 | 21.59 | 0.144 |
| | | | | | 1 | 2 | 21.57 | 0.144 |
| | | | | | 1 | 5 | 21.51 | 0.142 |
| | | | | | 3 | 0 | 21.44 | 0.139 |
| | | | | | 3 | 1 | 21.38 | 0.137 |
| | | | | | 3 | 3 | 21.27 | 0.134 |
| | | | 6 | 0 | 21.08 | 0.128 | | |
| | | | 1 | 0 | 21.73 | 0.149 | | |
| | | | 1 | 2 | 21.63 | 0.146 | | |
| | | | 1 | 5 | 21.60 | 0.145 | | |
| | | | 3 | 0 | 21.59 | 0.144 | | |
| | | | 3 | 1 | 21.57 | 0.144 | | |
| | | | 3 | 3 | 21.56 | 0.143 | | |
| | | | 6 | 0 | 20.56 | 0.114 | | |
| | | | 1 | 0 | 21.67 | 0.147 | | |
| | | | 1 | 2 | 21.66 | 0.147 | | |
| | | | 1 | 5 | 21.63 | 0.146 | | |
| | | | 3 | 0 | 21.41 | 0.138 | | |
| | | 3 | 1 | 21.37 | 0.137 | | | |
| | | 3 | 3 | 21.36 | 0.137 | | | |
| | | 6 | 0 | 20.59 | 0.115 | | | |
| | | 1 | 0 | 21.57 | 0.144 | | | |
| | | 1 | 2 | 21.53 | 0.142 | | | |
| | | 1 | 5 | 21.51 | 0.142 | | | |
| | | 3 | 0 | 20.70 | 0.117 | | | |
| | | 3 | 1 | 20.64 | 0.116 | | | |
| | | 3 | 3 | 20.63 | 0.116 | | | |
| | | 6 | 0 | 20.59 | 0.115 | | | |
| | | 1 | 0 | 21.17 | 0.131 | | | |
| | | 1 | 2 | 21.16 | 0.131 | | | |
| | | 1 | 5 | 21.14 | 0.130 | | | |
| | | 3 | 0 | 20.66 | 0.116 | | | |
| | | 3 | 1 | 20.63 | 0.116 | | | |
| | | 3 | 3 | 20.59 | 0.115 | | | |
| | | 6 | 0 | 20.53 | 0.113 | | | |
| | | 1 | 0 | 21.58 | 0.144 | | | |
| 1 | 2 | 21.56 | 0.143 | | | | | |
| 1 | 5 | 21.52 | 0.142 | | | | | |
| 3 | 0 | 20.86 | 0.122 | | | | | |
| 3 | 1 | 20.60 | 0.115 | | | | | |
| 3 | 3 | 20.56 | 0.114 | | | | | |
| 6 | 0 | 20.55 | 0.114 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 90S) | 3 MHz | QPSK | 26705 | 815.5 | 1 | 0 | 21.82 | 0.152 |
| | | | | | 1 | 8 | 21.71 | 0.148 |
| | | | | | 1 | 14 | 21.54 | 0.143 |
| | | | | | 8 | 0 | 20.62 | 0.115 |
| | | | | | 8 | 4 | 20.61 | 0.115 |
| | | | | | 8 | 7 | 20.56 | 0.114 |
| | | | 26740 | 819.0 | 15 | 0 | 20.54 | 0.113 |
| | | | | | 1 | 0 | 21.79 | 0.151 |
| | | | | | 1 | 8 | 21.73 | 0.149 |
| | | | | | 1 | 14 | 21.57 | 0.144 |
| | | | | | 8 | 0 | 20.77 | 0.119 |
| | | | | | 8 | 4 | 20.76 | 0.119 |
| | | | 26775 | 822.5 | 8 | 7 | 20.75 | 0.119 |
| | | | | | 15 | 0 | 20.59 | 0.115 |
| | | | | | 1 | 0 | 21.60 | 0.145 |
| | | | | | 1 | 8 | 21.59 | 0.144 |
| | | | | | 1 | 14 | 21.57 | 0.144 |
| | | | | | 8 | 0 | 20.62 | 0.115 |
| | | 16QAM | 26705 | 815.5 | 8 | 4 | 20.61 | 0.115 |
| | | | | | 8 | 7 | 20.58 | 0.114 |
| | | | | | 15 | 0 | 20.56 | 0.114 |
| | | | | | 1 | 0 | 20.89 | 0.123 |
| | | | | | 1 | 8 | 20.82 | 0.121 |
| | | | | | 1 | 14 | 20.74 | 0.119 |
| | | | 26740 | 819.0 | 8 | 0 | 19.71 | 0.094 |
| | | | | | 8 | 4 | 19.66 | 0.092 |
| | | | | | 8 | 7 | 19.62 | 0.092 |
| | | | | | 15 | 0 | 19.61 | 0.091 |
| | | | | | 1 | 0 | 21.10 | 0.129 |
| | | | | | 1 | 8 | 21.03 | 0.127 |
| | | | 26775 | 822.5 | 1 | 14 | 20.86 | 0.122 |
| | | | | | 8 | 0 | 19.86 | 0.097 |
| | | | | | 8 | 4 | 19.84 | 0.096 |
| | | | | | 8 | 7 | 19.80 | 0.095 |
| | | | | | 15 | 0 | 19.68 | 0.093 |
| | | | | | 1 | 0 | 20.89 | 0.123 |
| 26705 | 815.5 | 1 | 8 | 20.88 | 0.122 | | | |
| | | 1 | 14 | 20.86 | 0.122 | | | |
| | | 8 | 0 | 19.91 | 0.098 | | | |
| | | 8 | 4 | 19.84 | 0.096 | | | |
| | | 8 | 7 | 19.71 | 0.094 | | | |
| | | 15 | 0 | 19.61 | 0.091 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 90S) | 5 MHz | QPSK | 26715 | 816.5 | 1 | 0 | 21.60 | 0.145 |
| | | | | | 1 | 12 | 21.54 | 0.143 |
| | | | | | 1 | 24 | 21.53 | 0.142 |
| | | | | | 12 | 0 | 20.65 | 0.116 |
| | | | | | 12 | 6 | 20.61 | 0.115 |
| | | | | | 12 | 13 | 20.59 | 0.115 |
| | | | 26740 | 819.0 | 25 | 0 | 20.55 | 0.114 |
| | | | | | 1 | 0 | 21.83 | 0.152 |
| | | | | | 1 | 12 | 21.63 | 0.146 |
| | | | | | 1 | 24 | 21.38 | 0.137 |
| | | | | | 12 | 0 | 20.83 | 0.121 |
| | | | | | 12 | 6 | 20.80 | 0.120 |
| | | | 26765 | 821.5 | 12 | 13 | 20.79 | 0.120 |
| | | | | | 25 | 0 | 20.65 | 0.116 |
| | | | | | 1 | 0 | 21.82 | 0.152 |
| | | | | | 1 | 12 | 21.81 | 0.152 |
| | | | | | 1 | 24 | 21.80 | 0.151 |
| | | | | | 12 | 0 | 20.61 | 0.115 |
| | | 16QAM | 26715 | 816.5 | 12 | 6 | 20.58 | 0.114 |
| | | | | | 12 | 13 | 20.56 | 0.114 |
| | | | | | 25 | 0 | 20.53 | 0.113 |
| | | | | | 1 | 0 | 20.88 | 0.122 |
| | | | | | 1 | 12 | 20.86 | 0.122 |
| | | | | | 1 | 24 | 20.62 | 0.115 |
| | | | 26740 | 819.0 | 12 | 0 | 19.71 | 0.094 |
| | | | | | 12 | 6 | 19.67 | 0.093 |
| | | | | | 12 | 13 | 19.65 | 0.092 |
| | | | | | 25 | 0 | 19.60 | 0.091 |
| | | | | | 1 | 0 | 21.13 | 0.130 |
| | | | | | 1 | 12 | 20.95 | 0.124 |
| | | | 26765 | 821.5 | 1 | 24 | 20.70 | 0.117 |
| | | | | | 12 | 0 | 19.87 | 0.097 |
| | | | | | 12 | 6 | 19.84 | 0.096 |
| | | | | | 12 | 13 | 19.83 | 0.096 |
| | | | | | 25 | 0 | 19.70 | 0.093 |
| | | | | | 1 | 0 | 21.20 | 0.132 |
| 26715 | 816.5 | 1 | 12 | 21.13 | 0.130 | | | |
| | | 1 | 24 | 21.10 | 0.129 | | | |
| | | 12 | 0 | 19.67 | 0.093 | | | |
| | | 12 | 6 | 19.65 | 0.092 | | | |
| | | 12 | 11 | 19.58 | 0.091 | | | |
| | | 25 | 0 | 19.56 | 0.090 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 90S) | 10 MHz | QPSK | 26740 | 819.0 | 1 | 0 | 21.70 | 0.148 |
| | | | | | 1 | 24 | 21.61 | 0.145 |
| | | | | | 1 | 49 | 21.42 | 0.139 |
| | | | | | 25 | 0 | 20.91 | 0.123 |
| | | | | | 25 | 12 | 20.78 | 0.120 |
| | | | | | 25 | 25 | 20.74 | 0.119 |
| | | 16QAM | 26740 | 819.0 | 50 | 0 | 20.62 | 0.115 |
| | | | | | 1 | 0 | 21.03 | 0.127 |
| | | | | | 1 | 24 | 20.89 | 0.123 |
| | | | | | 1 | 49 | 20.69 | 0.117 |
| | | | | | 25 | 0 | 19.96 | 0.099 |
| | | | | | 25 | 12 | 19.80 | 0.095 |
| | | | | | 25 | 25 | 19.75 | 0.094 |
| | | | | | 50 | 0 | 19.63 | 0.092 |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 22H) | 1.4 MHz | QPSK | 26797 | 824.7 | 1 | 0 | 21.83 | 0.152 |
| | | | | | 1 | 2 | 21.75 | 0.150 |
| | | | | | 1 | 5 | 21.69 | 0.148 |
| | | | | | 3 | 0 | 21.62 | 0.145 |
| | | | | | 3 | 1 | 21.56 | 0.143 |
| | | | | | 3 | 3 | 21.45 | 0.140 |
| | | | 6 | 0 | 21.26 | 0.134 | | |
| | | | 1 | 0 | 21.88 | 0.154 | | |
| | | | 1 | 2 | 21.79 | 0.151 | | |
| | | | 1 | 5 | 21.58 | 0.144 | | |
| | | | 3 | 0 | 21.57 | 0.144 | | |
| | | | 3 | 1 | 21.55 | 0.143 | | |
| | | | 3 | 3 | 21.54 | 0.143 | | |
| | | | 6 | 0 | 20.54 | 0.113 | | |
| | | | 1 | 0 | 21.94 | 0.156 | | |
| | | | 1 | 2 | 21.88 | 0.154 | | |
| | | | 1 | 5 | 21.79 | 0.151 | | |
| | | | 3 | 0 | 21.57 | 0.144 | | |
| | | 3 | 1 | 21.53 | 0.142 | | | |
| | | 3 | 3 | 21.52 | 0.142 | | | |
| | | 6 | 0 | 20.75 | 0.119 | | | |
| | | 1 | 0 | 21.59 | 0.144 | | | |
| | | 1 | 2 | 21.54 | 0.143 | | | |
| | | 1 | 5 | 21.52 | 0.142 | | | |
| | | 3 | 0 | 20.88 | 0.122 | | | |
| | | 3 | 1 | 20.82 | 0.121 | | | |
| | | 3 | 3 | 20.81 | 0.121 | | | |
| | | 6 | 0 | 20.77 | 0.119 | | | |
| | | 1 | 0 | 21.15 | 0.130 | | | |
| | | 1 | 2 | 21.14 | 0.130 | | | |
| | | 1 | 5 | 21.12 | 0.129 | | | |
| | | 3 | 0 | 20.64 | 0.116 | | | |
| | | 3 | 1 | 20.61 | 0.115 | | | |
| | | 3 | 3 | 20.57 | 0.114 | | | |
| | | 6 | 0 | 20.51 | 0.112 | | | |
| | | 1 | 0 | 21.63 | 0.146 | | | |
| 1 | 2 | 21.61 | 0.145 | | | | | |
| 1 | 5 | 21.59 | 0.144 | | | | | |
| 3 | 0 | 21.02 | 0.126 | | | | | |
| 3 | 1 | 20.76 | 0.119 | | | | | |
| 3 | 3 | 20.72 | 0.118 | | | | | |
| 6 | 0 | 20.71 | 0.118 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 22H) | 3 MHz | QPSK | 26805 | 825.5 | 1 | 0 | 21.79 | 0.151 |
| | | | | | 1 | 8 | 21.68 | 0.147 |
| | | | | | 1 | 14 | 21.51 | 0.142 |
| | | | | | 8 | 0 | 20.59 | 0.115 |
| | | | | | 8 | 4 | 20.58 | 0.114 |
| | | | | | 8 | 7 | 20.53 | 0.113 |
| | | | 15 | 0 | 20.51 | 0.112 | | |
| | | | 1 | 0 | 21.76 | 0.150 | | |
| | | | 1 | 8 | 21.70 | 0.148 | | |
| | | | 1 | 14 | 21.54 | 0.143 | | |
| | | | 8 | 0 | 20.74 | 0.119 | | |
| | | | 8 | 4 | 20.73 | 0.118 | | |
| | | | 8 | 7 | 20.72 | 0.118 | | |
| | | | 15 | 0 | 20.56 | 0.114 | | |
| | | | 1 | 0 | 21.57 | 0.144 | | |
| | | | 1 | 8 | 21.56 | 0.143 | | |
| | | | 1 | 14 | 21.54 | 0.143 | | |
| | | | 8 | 0 | 20.59 | 0.115 | | |
| | | 8 | 4 | 20.58 | 0.114 | | | |
| | | 8 | 7 | 20.55 | 0.114 | | | |
| | | 15 | 0 | 20.53 | 0.113 | | | |
| | | 1 | 0 | 20.86 | 0.122 | | | |
| | | 1 | 8 | 20.79 | 0.120 | | | |
| | | 1 | 14 | 20.71 | 0.118 | | | |
| | | 8 | 0 | 19.68 | 0.093 | | | |
| | | 8 | 4 | 19.63 | 0.092 | | | |
| | | 8 | 7 | 19.59 | 0.091 | | | |
| | | 15 | 0 | 19.58 | 0.091 | | | |
| | | 1 | 0 | 21.07 | 0.128 | | | |
| | | 1 | 8 | 21.00 | 0.126 | | | |
| | | 1 | 14 | 20.83 | 0.121 | | | |
| | | 8 | 0 | 19.83 | 0.096 | | | |
| | | 8 | 4 | 19.81 | 0.096 | | | |
| | | 8 | 7 | 19.77 | 0.095 | | | |
| | | 15 | 0 | 19.65 | 0.092 | | | |
| | | 1 | 0 | 20.86 | 0.122 | | | |
| 1 | 8 | 20.85 | 0.122 | | | | | |
| 1 | 14 | 20.83 | 0.121 | | | | | |
| 8 | 0 | 19.88 | 0.097 | | | | | |
| 8 | 4 | 19.81 | 0.096 | | | | | |
| 8 | 7 | 19.68 | 0.093 | | | | | |
| 15 | 0 | 19.58 | 0.091 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 22H) | 5 MHz | QPSK | 26815 | 826.5 | 1 | 0 | 21.58 | 0.144 |
| | | | | | 1 | 12 | 21.52 | 0.142 |
| | | | | | 1 | 24 | 21.51 | 0.142 |
| | | | | | 12 | 0 | 20.63 | 0.116 |
| | | | | | 12 | 6 | 20.59 | 0.115 |
| | | | | | 12 | 13 | 20.57 | 0.114 |
| | | | 25 | 0 | 20.53 | 0.113 | | |
| | | | 1 | 0 | 21.81 | 0.152 | | |
| | | | 1 | 12 | 21.61 | 0.145 | | |
| | | | 1 | 24 | 21.36 | 0.137 | | |
| | | | 12 | 0 | 20.81 | 0.121 | | |
| | | | 12 | 6 | 20.78 | 0.120 | | |
| | | | 12 | 13 | 20.77 | 0.119 | | |
| | | | 25 | 0 | 20.63 | 0.116 | | |
| | | | 1 | 0 | 21.80 | 0.151 | | |
| | | | 1 | 12 | 21.79 | 0.151 | | |
| | | | 1 | 24 | 21.78 | 0.151 | | |
| | | | 12 | 0 | 20.59 | 0.115 | | |
| | | 12 | 6 | 20.56 | 0.114 | | | |
| | | 12 | 13 | 20.54 | 0.113 | | | |
| | | 25 | 0 | 20.51 | 0.112 | | | |
| | | 1 | 0 | 20.86 | 0.122 | | | |
| | | 1 | 12 | 20.84 | 0.121 | | | |
| | | 1 | 24 | 20.60 | 0.115 | | | |
| | | 12 | 0 | 19.69 | 0.093 | | | |
| | | 12 | 6 | 19.65 | 0.092 | | | |
| | | 12 | 13 | 19.63 | 0.092 | | | |
| | | 25 | 0 | 19.58 | 0.091 | | | |
| | | 1 | 0 | 21.11 | 0.129 | | | |
| | | 1 | 12 | 20.93 | 0.124 | | | |
| | | 1 | 24 | 20.68 | 0.117 | | | |
| | | 12 | 0 | 19.85 | 0.097 | | | |
| | | 12 | 6 | 19.82 | 0.096 | | | |
| | | 12 | 13 | 19.81 | 0.096 | | | |
| | | 25 | 0 | 19.68 | 0.093 | | | |
| | | 1 | 0 | 21.18 | 0.131 | | | |
| 1 | 12 | 21.11 | 0.129 | | | | | |
| 1 | 24 | 21.08 | 0.128 | | | | | |
| 12 | 0 | 19.65 | 0.092 | | | | | |
| 12 | 6 | 19.63 | 0.092 | | | | | |
| 12 | 11 | 19.56 | 0.090 | | | | | |
| 25 | 0 | 19.54 | 0.090 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|------------------------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 26 (Part 22H) | 10 MHz | QPSK | 26840 | 829.0 | 1 | 0 | 21.66 | 0.147 |
| | | | | | 1 | 24 | 21.57 | 0.144 |
| | | | | | 1 | 49 | 21.38 | 0.137 |
| | | | | | 25 | 0 | 20.87 | 0.122 |
| | | | | | 25 | 12 | 20.74 | 0.119 |
| | | | | | 25 | 25 | 20.70 | 0.117 |
| | | | 50 | 0 | 20.58 | 0.114 | | |
| | | | 1 | 0 | 22.01 | 0.159 | | |
| | | | 1 | 24 | 21.55 | 0.143 | | |
| | | | 1 | 49 | 21.05 | 0.127 | | |
| | | | 25 | 0 | 20.95 | 0.124 | | |
| | | | 25 | 12 | 20.83 | 0.121 | | |
| | | | 25 | 25 | 20.80 | 0.120 | | |
| | | | 50 | 0 | 20.58 | 0.114 | | |
| | | | 1 | 0 | 21.91 | 0.155 | | |
| | | | 1 | 24 | 21.71 | 0.148 | | |
| | | | 1 | 49 | 21.08 | 0.128 | | |
| | | | 25 | 0 | 20.97 | 0.125 | | |
| | | 25 | 12 | 20.68 | 0.117 | | | |
| | | 25 | 25 | 20.17 | 0.104 | | | |
| | | 50 | 0 | 20.09 | 0.102 | | | |
| | | 1 | 0 | 20.99 | 0.126 | | | |
| | | 1 | 24 | 20.85 | 0.122 | | | |
| | | 1 | 49 | 20.65 | 0.116 | | | |
| | | 25 | 0 | 19.92 | 0.098 | | | |
| | | 25 | 12 | 19.76 | 0.095 | | | |
| | | 25 | 25 | 19.71 | 0.094 | | | |
| | | 50 | 0 | 19.59 | 0.091 | | | |
| | | 1 | 0 | 21.25 | 0.133 | | | |
| | | 1 | 24 | 20.86 | 0.122 | | | |
| | | 1 | 49 | 20.35 | 0.108 | | | |
| | | 25 | 0 | 19.96 | 0.099 | | | |
| | | 25 | 12 | 19.88 | 0.097 | | | |
| | | 25 | 25 | 19.83 | 0.096 | | | |
| | | 50 | 0 | 19.62 | 0.092 | | | |
| | | 1 | 0 | 21.20 | 0.132 | | | |
| 1 | 24 | 21.00 | 0.126 | | | | | |
| 1 | 49 | 20.09 | 0.102 | | | | | |
| 25 | 0 | 19.99 | 0.100 | | | | | |
| 25 | 12 | 19.72 | 0.094 | | | | | |
| 25 | 25 | 19.40 | 0.087 | | | | | |
| 50 | 0 | 19.21 | 0.083 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 41 | 5 MHz | QPSK | 39675 | 2498.5 | 1 | 0 | 22.92 | 0.196 |
| | | | | | 1 | 12 | 22.88 | 0.194 |
| | | | | | 1 | 24 | 22.77 | 0.189 |
| | | | | | 12 | 0 | 22.82 | 0.191 |
| | | | | | 12 | 6 | 22.90 | 0.195 |
| | | | | | 12 | 13 | 22.84 | 0.192 |
| | | | 40620 | 2593.0 | 25 | 0 | 22.85 | 0.193 |
| | | | | | 1 | 0 | 23.33 | 0.215 |
| | | | | | 1 | 12 | 23.21 | 0.209 |
| | | | | | 1 | 24 | 23.06 | 0.202 |
| | | | | | 12 | 0 | 22.43 | 0.175 |
| | | | | | 12 | 6 | 22.45 | 0.176 |
| | | | 41565 | 2687.5 | 12 | 13 | 22.39 | 0.173 |
| | | | | | 25 | 0 | 22.40 | 0.174 |
| | | | | | 1 | 0 | 23.38 | 0.218 |
| | | | | | 1 | 12 | 23.28 | 0.213 |
| | | | | | 1 | 24 | 23.07 | 0.203 |
| | | | | | 12 | 0 | 22.49 | 0.177 |
| | | 16QAM | 39675 | 2498.5 | 12 | 6 | 22.49 | 0.177 |
| | | | | | 12 | 13 | 22.39 | 0.173 |
| | | | | | 25 | 0 | 22.43 | 0.175 |
| | | | | | 1 | 0 | 22.19 | 0.166 |
| | | | | | 1 | 12 | 22.13 | 0.163 |
| | | | | | 1 | 24 | 21.98 | 0.158 |
| | | | 40620 | 2593.0 | 12 | 0 | 21.91 | 0.155 |
| | | | | | 12 | 6 | 22.01 | 0.159 |
| | | | | | 12 | 13 | 21.94 | 0.156 |
| | | | | | 25 | 0 | 22.01 | 0.159 |
| | | | | | 1 | 0 | 22.52 | 0.179 |
| | | | | | 1 | 12 | 22.48 | 0.177 |
| | | | 41565 | 2687.5 | 1 | 24 | 22.39 | 0.173 |
| | | | | | 12 | 0 | 21.54 | 0.143 |
| | | | | | 12 | 6 | 21.56 | 0.143 |
| | | | | | 12 | 13 | 21.51 | 0.142 |
| | | | | | 25 | 0 | 21.55 | 0.143 |
| | | | | | 1 | 0 | 22.60 | 0.182 |
| 41565 | 2687.5 | 1 | 12 | 22.58 | 0.181 | | | |
| | | 1 | 24 | 22.39 | 0.173 | | | |
| | | 12 | 0 | 21.58 | 0.144 | | | |
| | | 12 | 6 | 21.58 | 0.144 | | | |
| | | 12 | 11 | 21.48 | 0.141 | | | |
| | | 25 | 0 | 21.56 | 0.143 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------------|---------------|-------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 41 | 10 MHz | QPSK | 39700 | 2501.0 | 1 | 0 | 23.17 | 0.207 |
| | | | | | 1 | 24 | 23.06 | 0.202 |
| | | | | | 1 | 49 | 22.67 | 0.185 |
| | | | | | 25 | 0 | 22.79 | 0.190 |
| | | | | | 25 | 12 | 22.93 | 0.196 |
| | | | | | 25 | 25 | 22.81 | 0.191 |
| | | | 50 | 0 | 22.77 | 0.189 | | |
| | | | 1 | 0 | 23.17 | 0.207 | | |
| | | | 1 | 24 | 23.06 | 0.202 | | |
| | | | 1 | 49 | 22.91 | 0.195 | | |
| | | | 25 | 0 | 22.37 | 0.173 | | |
| | | | 25 | 12 | 22.42 | 0.175 | | |
| | | | 25 | 25 | 22.31 | 0.170 | | |
| | | | 50 | 0 | 22.34 | 0.171 | | |
| | | | 1 | 0 | 23.27 | 0.212 | | |
| | | | 1 | 24 | 23.24 | 0.211 | | |
| | | | 1 | 49 | 22.87 | 0.194 | | |
| | | | 25 | 0 | 22.40 | 0.174 | | |
| | | 25 | 12 | 22.44 | 0.175 | | | |
| | | 25 | 25 | 22.30 | 0.170 | | | |
| | | 50 | 0 | 22.35 | 0.172 | | | |
| | | 1 | 0 | 22.47 | 0.177 | | | |
| | | 1 | 24 | 22.35 | 0.172 | | | |
| | | 1 | 49 | 21.93 | 0.156 | | | |
| | | 25 | 0 | 21.91 | 0.155 | | | |
| | | 25 | 12 | 22.04 | 0.160 | | | |
| | | 25 | 25 | 21.95 | 0.157 | | | |
| | | 50 | 0 | 21.88 | 0.154 | | | |
| | | 1 | 0 | 22.52 | 0.179 | | | |
| | | 1 | 24 | 22.40 | 0.174 | | | |
| | | 1 | 49 | 22.23 | 0.167 | | | |
| | | 25 | 0 | 21.51 | 0.142 | | | |
| | | 25 | 12 | 21.56 | 0.143 | | | |
| | | 25 | 25 | 21.44 | 0.139 | | | |
| | | 50 | 0 | 21.46 | 0.140 | | | |
| | | 1 | 0 | 22.58 | 0.181 | | | |
| 1 | 24 | 22.50 | 0.178 | | | | | |
| 1 | 49 | 22.18 | 0.165 | | | | | |
| 25 | 0 | 21.53 | 0.142 | | | | | |
| 25 | 12 | 21.56 | 0.143 | | | | | |
| 25 | 25 | 21.39 | 0.138 | | | | | |
| 50 | 0 | 21.44 | 0.139 | | | | | |
| 16QAM | 39700 | 2501.0 | 1 | 0 | 22.47 | 0.177 | | |
| | | | 1 | 24 | 22.35 | 0.172 | | |
| | | | 1 | 49 | 21.93 | 0.156 | | |
| | | | 25 | 0 | 21.91 | 0.155 | | |
| | | | 25 | 12 | 22.04 | 0.160 | | |
| | | | 25 | 25 | 21.95 | 0.157 | | |
| | 50 | 0 | 21.88 | 0.154 | | | | |
| | 1 | 0 | 22.52 | 0.179 | | | | |
| | 1 | 24 | 22.40 | 0.174 | | | | |
| | 1 | 49 | 22.23 | 0.167 | | | | |
| | 25 | 0 | 21.51 | 0.142 | | | | |
| | 25 | 12 | 21.56 | 0.143 | | | | |
| | 25 | 25 | 21.44 | 0.139 | | | | |
| | 50 | 0 | 21.46 | 0.140 | | | | |
| | 1 | 0 | 22.58 | 0.181 | | | | |
| | 1 | 24 | 22.50 | 0.178 | | | | |
| | 1 | 49 | 22.18 | 0.165 | | | | |
| | 25 | 0 | 21.53 | 0.142 | | | | |
| 25 | 12 | 21.56 | 0.143 | | | | | |
| 25 | 25 | 21.39 | 0.138 | | | | | |
| 50 | 0 | 21.44 | 0.139 | | | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 41 | 15 MHz | QPSK | 39725 | 2503.5 | 1 | 0 | 23.56 | 0.227 |
| | | | | | 1 | 38 | 23.33 | 0.215 |
| | | | | | 1 | 74 | 23.02 | 0.200 |
| | | | | | 36 | 0 | 22.90 | 0.195 |
| | | | | | 36 | 18 | 22.89 | 0.195 |
| | | | | | 36 | 39 | 22.54 | 0.179 |
| | | | 40620 | 2593.0 | 75 | 0 | 22.58 | 0.181 |
| | | | | | 1 | 0 | 23.45 | 0.221 |
| | | | | | 1 | 38 | 23.20 | 0.209 |
| | | | | | 1 | 74 | 22.97 | 0.198 |
| | | | | | 36 | 0 | 22.41 | 0.174 |
| | | | | | 36 | 18 | 22.39 | 0.173 |
| | | | 41515 | 2682.5 | 36 | 39 | 22.33 | 0.171 |
| | | | | | 75 | 0 | 22.37 | 0.173 |
| | | | | | 1 | 0 | 23.64 | 0.231 |
| | | | | | 1 | 38 | 23.26 | 0.212 |
| | | | | | 1 | 74 | 23.13 | 0.206 |
| | | | | | 36 | 0 | 22.53 | 0.179 |
| | | 16QAM | 39725 | 2503.5 | 36 | 18 | 22.39 | 0.173 |
| | | | | | 36 | 39 | 22.30 | 0.170 |
| | | | | | 75 | 0 | 22.36 | 0.172 |
| | | | | | 1 | 0 | 22.82 | 0.191 |
| | | | | | 1 | 38 | 22.56 | 0.180 |
| | | | | | 1 | 74 | 22.20 | 0.166 |
| | | | 40620 | 2593.0 | 36 | 0 | 21.98 | 0.158 |
| | | | | | 36 | 18 | 21.97 | 0.157 |
| | | | | | 36 | 39 | 21.63 | 0.146 |
| | | | | | 75 | 0 | 21.69 | 0.148 |
| | | | | | 1 | 0 | 22.68 | 0.185 |
| | | | | | 1 | 38 | 22.45 | 0.176 |
| | | | 41515 | 2682.5 | 1 | 74 | 22.23 | 0.167 |
| | | | | | 36 | 0 | 21.49 | 0.141 |
| | | | | | 36 | 18 | 21.47 | 0.140 |
| | | | | | 36 | 39 | 21.41 | 0.138 |
| | | | | | 75 | 0 | 21.49 | 0.141 |
| | | | | | 1 | 0 | 22.83 | 0.192 |
| 41515 | 2682.5 | 1 | 38 | 22.58 | 0.181 | | | |
| | | 1 | 74 | 22.38 | 0.173 | | | |
| | | 36 | 0 | 21.59 | 0.144 | | | |
| | | 36 | 18 | 21.54 | 0.143 | | | |
| | | 36 | 39 | 21.36 | 0.137 | | | |
| | | 75 | 0 | 21.55 | 0.143 | | | |

| Band | Channel Bandwidth | Modulation | Channel | Frequency (MHz) | RB Configuration | | Average Power | |
|-------------|-------------------|------------|---------|-----------------|------------------|--------|---------------|--------------|
| | | | | | Size | Offset | (dBm) | (W) |
| LTE Band 41 | 20 MHz | QPSK | 39750 | 2506 | 1 | 0 | 23.46 | 0.222 |
| | | | | | 1 | 49 | 22.89 | 0.195 |
| | | | | | 1 | 99 | 23.08 | 0.203 |
| | | | | | 50 | 0 | 22.94 | 0.197 |
| | | | | | 50 | 25 | 22.61 | 0.182 |
| | | | | | 50 | 50 | 22.44 | 0.175 |
| | | | 100 | 0 | 22.40 | 0.174 | | |
| | | | 1 | 0 | 23.42 | 0.220 | | |
| | | | 1 | 49 | 23.08 | 0.203 | | |
| | | | 1 | 99 | 22.73 | 0.187 | | |
| | | | 50 | 0 | 22.36 | 0.172 | | |
| | | | 50 | 25 | 22.34 | 0.171 | | |
| | | 50 | 50 | 22.26 | 0.168 | | | |
| | | 100 | 0 | 22.30 | 0.170 | | | |
| | | 1 | 0 | 23.23 | 0.210 | | | |
| | | 1 | 49 | 23.15 | 0.207 | | | |
| | | 1 | 99 | 22.88 | 0.194 | | | |
| | | 50 | 0 | 22.40 | 0.174 | | | |
| | | 50 | 25 | 22.40 | 0.174 | | | |
| | | 50 | 50 | 22.28 | 0.169 | | | |
| | | 100 | 0 | 22.42 | 0.175 | | | |
| | | 1 | 0 | 22.75 | 0.188 | | | |
| | | 1 | 49 | 22.14 | 0.164 | | | |
| | | 1 | 99 | 22.43 | 0.175 | | | |
| | | 50 | 0 | 22.05 | 0.160 | | | |
| | | 50 | 25 | 21.73 | 0.149 | | | |
| | | 50 | 50 | 21.57 | 0.144 | | | |
| | | 100 | 0 | 21.67 | 0.147 | | | |
| | | 1 | 0 | 22.66 | 0.185 | | | |
| | | 1 | 49 | 22.41 | 0.174 | | | |
| | | 1 | 99 | 22.04 | 0.160 | | | |
| | | 50 | 0 | 21.48 | 0.141 | | | |
| | | 50 | 25 | 21.47 | 0.140 | | | |
| | | 50 | 50 | 21.39 | 0.138 | | | |
| | | 100 | 0 | 21.44 | 0.139 | | | |
| | | 1 | 0 | 22.55 | 0.180 | | | |
| 1 | 49 | 22.46 | 0.176 | | | | | |
| 1 | 99 | 22.19 | 0.166 | | | | | |
| 50 | 0 | 21.50 | 0.141 | | | | | |
| 50 | 25 | 21.51 | 0.142 | | | | | |
| 50 | 50 | 21.39 | 0.138 | | | | | |
| 100 | 0 | 21.42 | 0.139 | | | | | |

3 Effective Radiated Power / Equivalent Isotropic Radiated Power Test

3.1. Limit

For FCC Part 27: The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 1 Watts.

For FCC Part 27.50(c)(9): Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

For FCC Part 27.50(h)(2) :Mobile stations in BRS and EBS band are limited to 2watts EIRP.

For FCC Part 22.913(a)(2): The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

For FCC Part 24.232(b): The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

3.2. Test Instruments

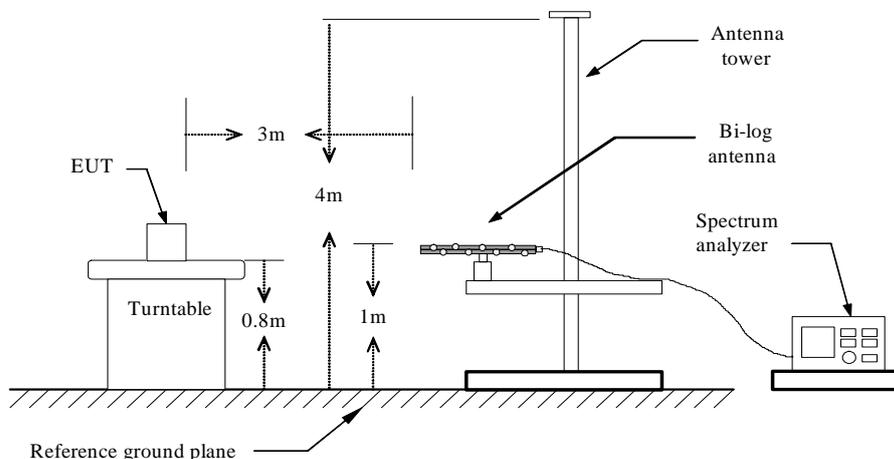
| 3 Meter Chamber | | | | | |
|-----------------------------------|--------------------------------|--------------|---------------|------------|--------|
| Equipment | Manufacturer | Model Number | Serial Number | Cal. Date | Remark |
| RF Pre-selector | Agilent | N9039A | MY46520256 | 01/06/2015 | (1) |
| Spectrum Analyzer | Agilent | E4446A | MY46180578 | 01/06/2015 | (1) |
| Pre Amplifier | Agilent | 8449B | 3008A02237 | 02/24/2015 | (1) |
| Pre Amplifier | Agilent | 8447D | 2944A10961 | 02/24/2015 | (1) |
| Broadband Antenna (30MHz~1GHz) | SCHWARZBECK MESS-ELEKTRONIK | VULB9163 | 9163-270 | 08/11/2015 | (1) |
| Horn Antenna (1~18GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA9120D | 9120D-550 | 06/12/2015 | (1) |
| Horn Antenna (18~40GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA9170 | 9170-320 | 07/06/2015 | (1) |
| Test Site | ATL | TE01 | 888001 | 08/27/2015 | (1) |

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

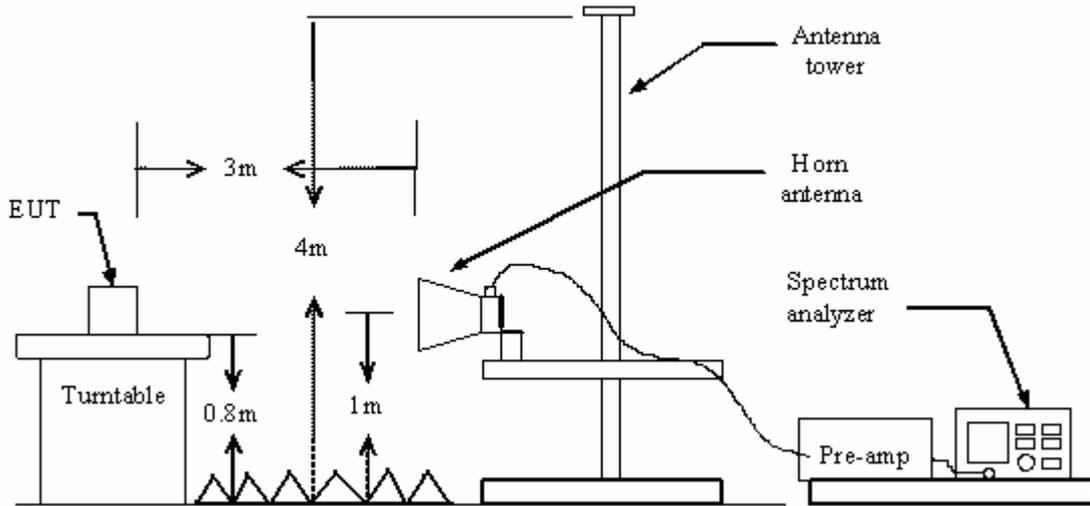
Note: N.C.R. = No Calibration Request.

3.3. Test Setup

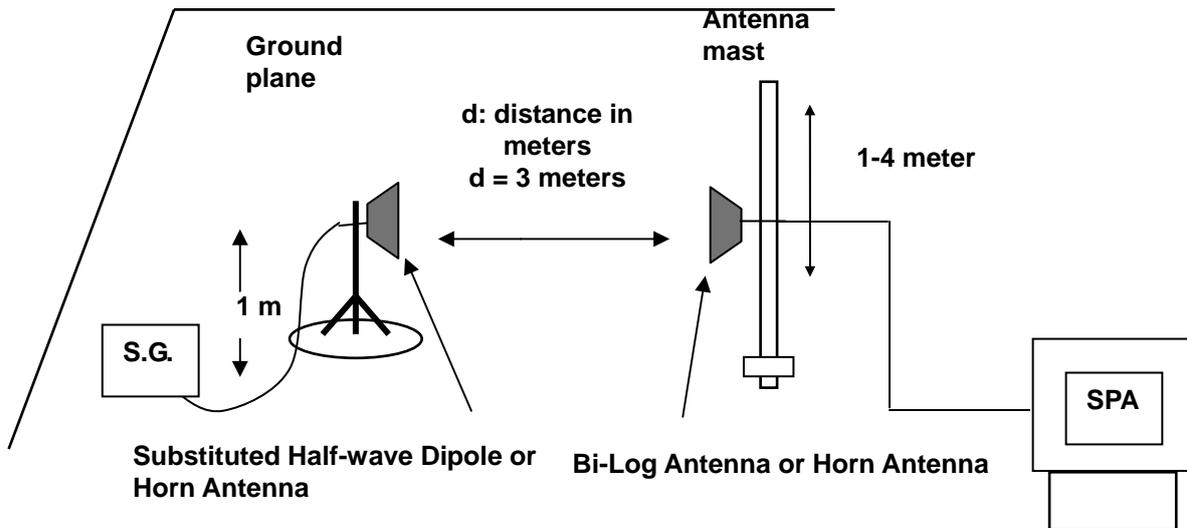
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



3.4. Test Procedure

- a. The EUT was set up for the maximum power with LTE link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range). RWB and VBW is 5MHz for LTE mode.
- b. E.I.R.P power measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- d. E.I.R.P. = Output power level of S.G - TX cable loss + Antenna gain of substitution horn
- e. E.R.P. = E.I.R.P- 2.15 dB

3.5. Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

3.6. Test Result

| | | | |
|--------------|-------------------------|-----------|------|
| Model Number | AC810S-300 | | |
| Test Item | E.I.R.P. / E.R.P. | | |
| Date of Test | 08/25/2015 ~ 10/05/2015 | Test Site | TC03 |

| LTE Band 2 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.I.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 1.4 M | QPSK | 1850.7 | H | 7.48 | 10.03 | 17.51 | 0.056 | < 2 |
| | | | V | 12.05 | 10.03 | 22.08 | 0.161 | < 2 |
| | | 1880.0 | H | 8.36 | 10.02 | 18.38 | 0.069 | < 2 |
| | | | V | 12.16 | 10.02 | 22.18 | 0.165 | < 2 |
| | 1909.3 | H | 7.98 | 10.01 | 17.99 | 0.063 | < 2 | |
| | | V | 12.05 | 10.01 | 22.06 | 0.161 | < 2 | |
| 16QAM | 1880.0 | H | 7.40 | 10.02 | 17.42 | 0.055 | < 2 | |
| | | V | 11.20 | 10.02 | 21.22 | 0.132 | < 2 | |
| 3 MHz | QPSK | 1851.5 | H | 8.18 | 10.04 | 18.22 | 0.066 | < 2 |
| | | | V | 11.88 | 10.03 | 21.91 | 0.155 | < 2 |
| | | 1880.0 | H | 8.71 | 10.02 | 18.73 | 0.075 | < 2 |
| | | | V | 11.99 | 10.02 | 22.01 | 0.159 | < 2 |
| | 1908.5 | H | 8.93 | 10.01 | 18.94 | 0.078 | < 2 | |
| | | V | 12.39 | 10.01 | 22.40 | 0.174 | < 2 | |
| 16QAM | 1880.0 | H | 7.86 | 10.02 | 17.88 | 0.061 | < 2 | |
| | | V | 11.10 | 10.02 | 21.12 | 0.129 | < 2 | |
| 5 MHz | QPSK | 1852.5 | H | 7.92 | 10.03 | 17.95 | 0.062 | < 2 |
| | | | V | 11.90 | 10.03 | 21.93 | 0.156 | < 2 |
| | | 1880.0 | H | 8.36 | 10.02 | 18.38 | 0.069 | < 2 |
| | | | V | 11.94 | 10.02 | 21.96 | 0.157 | < 2 |
| | 1907.5 | H | 8.82 | 10.01 | 18.83 | 0.076 | < 2 | |
| | | V | 12.35 | 10.01 | 22.36 | 0.172 | < 2 | |
| 16QAM | 1880.0 | H | 7.42 | 10.02 | 17.44 | 0.055 | < 2 | |
| | | V | 11.08 | 10.02 | 21.10 | 0.129 | < 2 | |

| LTE Band 2 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.I.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 10 MHz | QPSK | 1855.0 | H | 8.61 | 10.03 | 18.64 | 0.073 | < 2 |
| | | | V | 11.52 | 10.03 | 21.55 | 0.143 | < 2 |
| | | 1880.0 | H | 8.18 | 10.03 | 18.21 | 0.066 | < 2 |
| | | | V | 11.65 | 10.03 | 21.68 | 0.147 | < 2 |
| | | 1905.0 | H | 11.65 | 10.03 | 21.68 | 0.147 | < 2 |
| | | | V | 12.09 | 10.02 | 22.11 | 0.163 | < 2 |
| | 16QAM | 1880.0 | H | 7.36 | 10.03 | 17.39 | 0.055 | < 2 |
| | | | V | 10.70 | 10.03 | 20.73 | 0.118 | < 2 |
| 15 MHz | QPSK | 1857.5 | H | 7.89 | 10.04 | 17.93 | 0.062 | < 2 |
| | | | V | 11.51 | 10.04 | 21.55 | 0.143 | < 2 |
| | | 1880.0 | H | 7.57 | 10.03 | 17.60 | 0.058 | < 2 |
| | | | V | 12.04 | 10.03 | 22.07 | 0.161 | < 2 |
| | | 1902.5 | H | 8.26 | 10.01 | 18.27 | 0.067 | < 2 |
| | | | V | 12.14 | 10.02 | 22.16 | 0.164 | < 2 |
| | 16QAM | 1880.0 | H | 6.78 | 10.02 | 16.80 | 0.048 | < 2 |
| | | | V | 11.12 | 10.03 | 21.15 | 0.130 | < 2 |
| 20 MHz | QPSK | 1860.0 | H | 6.51 | 10.04 | 16.55 | 0.045 | < 2 |
| | | | V | 11.45 | 10.04 | 21.49 | 0.141 | < 2 |
| | | 1880.0 | H | 7.79 | 10.01 | 17.80 | 0.060 | < 2 |
| | | | V | 12.25 | 10.01 | 22.26 | 0.168 | < 2 |
| | | 1900.0 | H | 7.59 | 10.01 | 17.60 | 0.058 | < 2 |
| | | | V | 11.76 | 10.01 | 21.77 | 0.150 | < 2 |
| | 16QAM | 1880.0 | H | 7.00 | 10.01 | 17.01 | 0.050 | < 2 |
| | | | V | 11.31 | 10.01 | 21.32 | 0.136 | < 2 |

| LTE Band 4 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.I.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 1.4 MHz | QPSK | 1710.7 | H | 11.31 | 10.01 | 21.32 | 0.136 | < 1 |
| | | | V | 11.08 | 10.05 | 21.13 | 0.130 | < 1 |
| | | 1732.5 | H | 6.97 | 10.05 | 17.02 | 0.050 | < 1 |
| | | | V | 11.10 | 10.06 | 21.16 | 0.131 | < 1 |
| | | 1754.3 | H | 11.10 | 10.06 | 21.16 | 0.131 | < 1 |
| | | | V | 10.83 | 10.06 | 20.89 | 0.123 | < 1 |
| | 16QAM | 1732.5 | H | 6.06 | 10.05 | 16.11 | 0.041 | < 1 |
| | | | V | 10.20 | 10.05 | 20.25 | 0.106 | < 1 |
| 3 MHz | QPSK | 1711.5 | H | 6.47 | 10.05 | 16.52 | 0.045 | < 1 |
| | | | V | 11.08 | 10.05 | 21.13 | 0.130 | < 1 |
| | | 1732.5 | H | 6.05 | 10.06 | 16.11 | 0.041 | < 1 |
| | | | V | 11.14 | 10.06 | 21.20 | 0.132 | < 1 |
| | | 1753.5 | H | 5.85 | 10.04 | 15.89 | 0.039 | < 1 |
| | | | V | 11.03 | 10.04 | 21.07 | 0.128 | < 1 |
| | 16QAM | 1732.5 | H | 5.09 | 10.06 | 15.15 | 0.033 | < 1 |
| | | | V | 10.27 | 10.06 | 20.33 | 0.108 | < 1 |
| 5 MHz | QPSK | 1712.5 | H | 7.02 | 10.05 | 17.07 | 0.051 | < 1 |
| | | | V | 10.83 | 10.05 | 20.88 | 0.122 | < 1 |
| | | 1732.5 | H | 8.09 | 10.06 | 18.15 | 0.065 | < 1 |
| | | | V | 11.15 | 10.06 | 21.21 | 0.132 | < 1 |
| | | 1752.5 | H | 6.66 | 10.05 | 16.71 | 0.047 | < 1 |
| | | | V | 10.69 | 10.05 | 20.74 | 0.119 | < 1 |
| | 16QAM | 1732.5 | H | 7.22 | 10.06 | 17.28 | 0.053 | < 1 |
| | | | V | 10.41 | 10.06 | 20.47 | 0.111 | < 1 |

| LTE Band 4 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.I.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 10 MHz | QPSK | 1715.0 | H | 7.88 | 10.05 | 17.93 | 0.062 | < 1 |
| | | | V | 11.03 | 10.05 | 21.08 | 0.128 | < 1 |
| | | 1732.5 | H | 7.09 | 10.06 | 17.15 | 0.052 | < 1 |
| | | | V | 10.87 | 10.06 | 20.93 | 0.124 | < 1 |
| | | 1750.0 | H | 6.82 | 10.05 | 16.87 | 0.049 | < 1 |
| | | | V | 10.66 | 10.05 | 20.71 | 0.118 | < 1 |
| | 16QAM | 1732.5 | H | 6.18 | 10.06 | 16.24 | 0.042 | < 1 |
| | | | V | 10.08 | 10.06 | 20.14 | 0.103 | < 1 |
| 15 MHz | QPSK | 1717.5 | H | 6.98 | 10.05 | 17.03 | 0.050 | < 1 |
| | | | V | 11.51 | 10.05 | 21.56 | 0.143 | < 1 |
| | | 1732.5 | H | 7.56 | 10.06 | 17.62 | 0.058 | < 1 |
| | | | V | 11.13 | 10.06 | 21.19 | 0.132 | < 1 |
| | | 1747.5 | H | 6.74 | 10.06 | 16.80 | 0.048 | < 1 |
| | | | V | 11.23 | 10.06 | 21.29 | 0.135 | < 1 |
| | 16QAM | 1732.5 | H | 6.70 | 10.06 | 16.76 | 0.047 | < 1 |
| | | | V | 10.27 | 10.06 | 20.33 | 0.108 | < 1 |
| 20 MHz | QPSK | 1720.0 | H | 7.74 | 10.05 | 17.79 | 0.060 | < 1 |
| | | | V | 11.23 | 10.05 | 21.28 | 0.134 | < 1 |
| | | 1732.5 | H | 7.46 | 10.06 | 17.52 | 0.056 | < 1 |
| | | | V | 10.86 | 10.06 | 20.92 | 0.124 | < 1 |
| | | 1745.0 | H | 6.34 | 10.05 | 16.39 | 0.044 | < 1 |
| | | | V | 11.40 | 10.05 | 21.45 | 0.140 | < 1 |
| | 16QAM | 1732.5 | H | 6.59 | 10.05 | 16.64 | 0.046 | < 1 |
| | | | V | 10.02 | 10.05 | 20.07 | 0.102 | < 1 |

| LTE Band 5 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 1.4 MHz | QPSK | 824.7 | H | 10.57 | 6.13 | 16.70 | 0.047 | < 7 |
| | | | V | 15.37 | 6.13 | 21.50 | 0.141 | < 7 |
| | | 836.5 | H | 9.83 | 6.12 | 15.95 | 0.039 | < 7 |
| | | | V | 14.90 | 6.12 | 21.02 | 0.126 | < 7 |
| | | 848.3 | H | 10.74 | 6.17 | 16.91 | 0.049 | < 7 |
| | | | V | 14.96 | 6.17 | 21.13 | 0.130 | < 7 |
| | 16QAM | 836.5 | H | 8.71 | 6.12 | 14.83 | 0.030 | < 7 |
| | | | V | 13.99 | 6.12 | 20.11 | 0.103 | < 7 |
| 3 MHz | QPSK | 825.5 | H | 11.07 | 6.13 | 17.20 | 0.052 | < 7 |
| | | | V | 15.24 | 6.13 | 21.37 | 0.137 | < 7 |
| | | 836.5 | H | 10.09 | 6.11 | 16.20 | 0.042 | < 7 |
| | | | V | 15.23 | 6.11 | 21.34 | 0.136 | < 7 |
| | | 847.5 | H | 9.14 | 6.16 | 15.30 | 0.034 | < 7 |
| | | | V | 14.72 | 6.16 | 20.88 | 0.122 | < 7 |
| | 16QAM | 836.5 | H | 9.22 | 6.11 | 15.33 | 0.034 | < 7 |
| | | | V | 14.29 | 6.11 | 20.40 | 0.110 | < 7 |
| 5 MHz | QPSK | 826.5 | H | 10.52 | 6.13 | 16.65 | 0.046 | < 7 |
| | | | V | 15.13 | 6.13 | 21.26 | 0.134 | < 7 |
| | | 836.5 | H | 10.26 | 6.12 | 16.38 | 0.043 | < 7 |
| | | | V | 15.09 | 6.12 | 21.21 | 0.132 | < 7 |
| | | 846.5 | H | 10.68 | 6.14 | 16.82 | 0.048 | < 7 |
| | | | V | 15.03 | 6.14 | 21.17 | 0.131 | < 7 |
| | 16QAM | 836.5 | H | 9.17 | 6.12 | 15.29 | 0.034 | < 7 |
| | | | V | 14.41 | 6.12 | 20.53 | 0.113 | < 7 |
| 10 MHz | QPSK | 829.0 | H | 10.39 | 6.13 | 16.52 | 0.045 | < 7 |
| | | | V | 14.99 | 6.13 | 21.12 | 0.129 | < 7 |
| | | 836.5 | H | 10.98 | 6.12 | 17.10 | 0.051 | < 7 |
| | | | V | 14.70 | 6.11 | 20.81 | 0.121 | < 7 |
| | | 844.0 | H | 10.99 | 6.12 | 17.11 | 0.051 | < 7 |
| | | | V | 15.06 | 6.12 | 21.18 | 0.131 | < 7 |
| | 16QAM | 836.5 | H | 10.10 | 6.12 | 16.22 | 0.042 | < 7 |
| | | | V | 13.82 | 6.11 | 19.93 | 0.098 | < 7 |

| LTE Band 12 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 1.4 MHz | QPSK | 699.7 | H | 11.24 | 6.03 | 17.27 | 0.053 | < 30 |
| | | | V | 15.38 | 6.03 | 21.41 | 0.138 | < 30 |
| | | 707.5 | H | 10.13 | 6.26 | 16.39 | 0.044 | < 30 |
| | | | V | 14.82 | 6.27 | 21.09 | 0.129 | < 30 |
| | | 715.3 | H | 11.30 | 6.50 | 17.80 | 0.060 | < 30 |
| | | | V | 14.55 | 6.51 | 21.06 | 0.128 | < 30 |
| | 16QAM | 707.5 | H | 9.19 | 6.26 | 15.45 | 0.035 | < 30 |
| | | | V | 13.87 | 6.27 | 20.14 | 0.103 | < 30 |
| 3 MHz | QPSK | 700.5 | H | 11.41 | 6.02 | 17.43 | 0.055 | < 30 |
| | | | V | 15.35 | 6.02 | 21.37 | 0.137 | < 30 |
| | | 707.5 | H | 10.51 | 6.25 | 16.76 | 0.047 | < 30 |
| | | | V | 14.83 | 6.24 | 21.07 | 0.128 | < 30 |
| | | 714.5 | H | 11.09 | 6.47 | 17.56 | 0.057 | < 30 |
| | | | V | 15.01 | 6.47 | 21.48 | 0.141 | < 30 |
| | 16QAM | 707.5 | H | 9.77 | 6.25 | 16.02 | 0.040 | < 30 |
| | | | V | 13.96 | 6.24 | 20.20 | 0.105 | < 30 |
| 5 MHz | QPSK | 701.5 | H | 11.27 | 6.03 | 17.30 | 0.054 | < 30 |
| | | | V | 15.16 | 6.03 | 21.19 | 0.132 | < 30 |
| | | 707.5 | H | 10.87 | 6.22 | 17.09 | 0.051 | < 30 |
| | | | V | 14.53 | 6.22 | 20.75 | 0.119 | < 30 |
| | | 713.5 | H | 10.91 | 6.39 | 17.30 | 0.054 | < 30 |
| | | | V | 14.23 | 6.39 | 20.62 | 0.115 | < 30 |
| | 16QAM | 707.5 | H | 10.05 | 6.22 | 16.27 | 0.042 | < 30 |
| | | | V | 13.72 | 6.22 | 19.94 | 0.099 | < 30 |
| 10 MHz | QPSK | 704.0 | H | 10.52 | 6.03 | 16.55 | 0.045 | < 30 |
| | | | V | 15.06 | 6.03 | 21.09 | 0.129 | < 30 |
| | | 707.5 | H | 10.56 | 6.14 | 16.70 | 0.047 | < 30 |
| | | | V | 14.60 | 6.14 | 20.74 | 0.119 | < 30 |
| | | 711.0 | H | 10.32 | 6.25 | 16.57 | 0.045 | < 30 |
| | | | V | 14.59 | 6.25 | 20.84 | 0.121 | < 30 |
| | 16QAM | 707.5 | H | 9.82 | 6.14 | 15.96 | 0.039 | < 30 |
| | | | V | 13.68 | 6.14 | 19.82 | 0.096 | < 30 |

| LTE Band 25 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.I.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 1.4 MHz | QPSK | 1850.7 | H | 8.20 | 10.03 | 18.23 | 0.067 | < 2 |
| | | | V | 11.77 | 10.03 | 21.80 | 0.151 | < 2 |
| | | 1882.5 | H | 7.46 | 10.02 | 17.48 | 0.056 | < 2 |
| | | | V | 11.31 | 10.01 | 21.32 | 0.136 | < 2 |
| | | 1914.3 | H | 7.68 | 10.02 | 17.70 | 0.059 | < 2 |
| | | | V | 11.60 | 10.02 | 21.62 | 0.145 | < 2 |
| | 16QAM | 1882.5 | H | 6.61 | 10.02 | 16.63 | 0.046 | < 2 |
| | | | V | 10.43 | 10.01 | 20.44 | 0.111 | < 2 |
| 3 MHz | QPSK | 1851.5 | H | 6.95 | 10.03 | 16.98 | 0.050 | < 2 |
| | | | V | 11.20 | 10.03 | 21.23 | 0.133 | < 2 |
| | | 1882.5 | H | 7.53 | 10.02 | 17.55 | 0.057 | < 2 |
| | | | V | 11.25 | 10.02 | 21.27 | 0.134 | < 2 |
| | | 1913.5 | H | 7.45 | 10.01 | 17.46 | 0.056 | < 2 |
| | | | V | 11.83 | 10.01 | 21.84 | 0.153 | < 2 |
| | 16QAM | 1882.5 | H | 6.79 | 10.02 | 16.81 | 0.048 | < 2 |
| | | | V | 10.64 | 10.02 | 20.66 | 0.116 | < 2 |
| 5 MHz | QPSK | 1852.5 | H | 7.88 | 10.03 | 17.91 | 0.062 | < 2 |
| | | | V | 11.11 | 10.03 | 21.14 | 0.130 | < 2 |
| | | 1882.5 | H | 7.44 | 10.02 | 17.46 | 0.056 | < 2 |
| | | | V | 11.29 | 10.02 | 21.31 | 0.135 | < 2 |
| | | 1912.5 | H | 8.52 | 10.01 | 18.53 | 0.071 | < 2 |
| | | | V | 11.46 | 10.01 | 21.47 | 0.140 | < 2 |
| | 16QAM | 1882.5 | H | 6.59 | 10.02 | 16.61 | 0.046 | < 2 |
| | | | V | 10.55 | 10.02 | 20.57 | 0.114 | < 2 |

| LTE Band 25 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.I.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 10 MHz | QPSK | 1855.0 | H | 7.99 | 10.03 | 18.02 | 0.063 | < 2 |
| | | | V | 11.17 | 10.03 | 21.20 | 0.132 | < 2 |
| | | 1882.5 | H | 7.22 | 10.02 | 17.24 | 0.053 | < 2 |
| | | | V | 11.34 | 10.02 | 21.36 | 0.137 | < 2 |
| | | 1910.0 | H | 7.92 | 10.01 | 17.93 | 0.062 | < 2 |
| | | | V | 11.73 | 10.01 | 21.74 | 0.149 | < 2 |
| | 16QAM | 1882.5 | H | 6.36 | 10.02 | 16.38 | 0.043 | < 2 |
| | | | V | 10.41 | 10.02 | 20.43 | 0.110 | < 2 |
| 15 MHz | QPSK | 1857.5 | H | 8.27 | 10.04 | 18.31 | 0.068 | < 2 |
| | | | V | 11.40 | 10.04 | 21.44 | 0.139 | < 2 |
| | | 1882.5 | H | 8.44 | 10.03 | 18.47 | 0.070 | < 2 |
| | | | V | 11.56 | 10.03 | 21.59 | 0.144 | < 2 |
| | | 1907.5 | H | 8.32 | 10.02 | 18.34 | 0.068 | < 2 |
| | | | V | 12.15 | 10.02 | 22.17 | 0.165 | < 2 |
| | 16QAM | 1882.5 | H | 7.55 | 10.03 | 17.58 | 0.057 | < 2 |
| | | | V | 10.74 | 10.03 | 20.77 | 0.119 | < 2 |
| 20 MHz | QPSK | 1860.0 | H | 7.64 | 10.04 | 17.68 | 0.059 | < 2 |
| | | | V | 11.30 | 10.04 | 21.34 | 0.136 | < 2 |
| | | 1882.5 | H | 8.49 | 10.03 | 18.52 | 0.071 | < 2 |
| | | | V | 11.74 | 10.03 | 21.77 | 0.150 | < 2 |
| | | 1905.0 | H | 8.24 | 10.01 | 18.25 | 0.067 | < 2 |
| | | | V | 11.70 | 10.01 | 21.71 | 0.148 | < 2 |
| | 16QAM | 1882.5 | H | 7.60 | 10.03 | 17.63 | 0.058 | < 2 |
| | | | V | 10.90 | 10.03 | 20.93 | 0.124 | < 2 |

| LTE Band 26_Part 90S | | | | | | | | |
|----------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 1.4 MHz | QPSK | 814.7 | H | 10.26 | 6.34 | 16.60 | 0.046 | N/A |
| | | | V | 14.28 | 6.35 | 20.63 | 0.116 | N/A |
| | | 819.0 | H | 6.42 | 11.75 | 18.17 | 0.066 | N/A |
| | | | V | 9.30 | 11.76 | 21.06 | 0.128 | N/A |
| | | 823.3 | H | 6.57 | 11.70 | 18.27 | 0.067 | N/A |
| | | | V | 9.14 | 11.70 | 20.84 | 0.121 | N/A |
| | 16QAM | 819.0 | H | 5.58 | 11.75 | 17.33 | 0.054 | N/A |
| | | | V | 8.39 | 11.75 | 20.14 | 0.103 | N/A |
| 3 MHz | QPSK | 815.5 | H | 10.61 | 6.35 | 16.96 | 0.050 | N/A |
| | | | V | 14.36 | 6.35 | 20.71 | 0.118 | N/A |
| | | 819.0 | H | 6.37 | 11.78 | 18.15 | 0.065 | N/A |
| | | | V | 9.22 | 11.79 | 21.01 | 0.126 | N/A |
| | | 822.5 | H | 6.45 | 11.71 | 18.16 | 0.065 | N/A |
| | | | V | 9.14 | 11.71 | 20.85 | 0.122 | N/A |
| | 16QAM | 819.0 | H | 5.39 | 11.78 | 17.17 | 0.052 | N/A |
| | | | V | 8.46 | 11.78 | 20.24 | 0.106 | N/A |
| 5 MHz | QPSK | 816.5 | H | 10.87 | 6.34 | 17.21 | 0.053 | N/A |
| | | | V | 14.41 | 6.35 | 20.76 | 0.119 | N/A |
| | | 819.0 | H | 5.83 | 11.81 | 17.64 | 0.058 | N/A |
| | | | V | 9.41 | 11.81 | 21.22 | 0.132 | N/A |
| | | 821.5 | H | 6.38 | 11.72 | 18.10 | 0.065 | N/A |
| | | | V | 9.52 | 11.71 | 21.23 | 0.133 | N/A |
| | 16QAM | 819.0 | H | 4.75 | 11.80 | 16.55 | 0.045 | N/A |
| | | | V | 8.51 | 11.80 | 20.31 | 0.107 | N/A |
| 10 MHz | QPSK | 819.0 | H | 5.75 | 11.88 | 17.63 | 0.058 | N/A |
| | | | V | 9.22 | 11.88 | 21.10 | 0.129 | N/A |
| | 16QAM | 819.0 | H | 4.84 | 11.88 | 16.72 | 0.047 | N/A |
| | | | V | 8.36 | 11.88 | 20.24 | 0.106 | N/A |

| LTE Band 26_Part 22H | | | | | | | | | |
|----------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|-----|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.R.P. | | Limit (W) | |
| | | | | | | (dBm) | (W) | | |
| 1.4 MHz | QPSK | 824.7 | H | 5.35 | 11.70 | 17.05 | 0.051 | < 7 | |
| | | | V | 9.40 | 11.70 | 21.10 | 0.129 | < 7 | |
| | | 831.5 | H | 11.31 | 6.12 | 17.43 | 0.055 | < 7 | |
| | | | V | 14.78 | 6.12 | 20.90 | 0.123 | < 7 | |
| | | 848.3 | H | 9.90 | 6.17 | 16.07 | 0.040 | < 7 | |
| | | | V | 13.34 | 6.17 | 19.51 | 0.089 | < 7 | |
| 16QAM | 831.5 | H | 10.39 | 6.12 | 16.51 | 0.045 | < 7 | | |
| | | V | 13.96 | 6.12 | 20.08 | 0.102 | < 7 | | |
| 3 MHz | QPSK | 825.5 | H | 5.33 | 11.70 | 17.03 | 0.050 | < 7 | |
| | | | V | 9.35 | 11.70 | 21.05 | 0.127 | < 7 | |
| | | 831.5 | H | 10.92 | 6.12 | 17.04 | 0.051 | < 7 | |
| | | | V | 14.85 | 6.12 | 20.97 | 0.125 | < 7 | |
| | | 847.5 | H | 10.76 | 6.16 | 16.92 | 0.049 | < 7 | |
| | | | V | 14.06 | 6.16 | 20.22 | 0.105 | < 7 | |
| 16QAM | 831.5 | H | 10.13 | 6.12 | 16.25 | 0.042 | < 7 | | |
| | | V | 13.98 | 6.12 | 20.10 | 0.102 | < 7 | | |
| 5 MHz | QPSK | 826.5 | H | 6.11 | 11.70 | 17.81 | 0.060 | < 7 | |
| | | | V | 9.32 | 11.70 | 21.02 | 0.126 | < 7 | |
| | | 831.5 | H | 10.74 | 6.13 | 16.87 | 0.049 | < 7 | |
| | | | V | 14.98 | 6.12 | 21.10 | 0.129 | < 7 | |
| | | 846.5 | H | 11.00 | 6.14 | 17.14 | 0.052 | < 7 | |
| | | | V | 14.89 | 6.14 | 21.03 | 0.127 | < 7 | |
| 16QAM | 831.5 | H | 9.79 | 6.12 | 15.91 | 0.039 | < 7 | | |
| | | V | 14.13 | 6.12 | 20.25 | 0.106 | < 7 | | |
| 10 MHz | QPSK | 829.0 | H | 6.61 | 11.70 | 18.31 | 0.068 | < 7 | |
| | | | V | 9.53 | 11.70 | 21.23 | 0.133 | < 7 | |
| | | 831.5 | H | 10.69 | 6.81 | 17.50 | 0.056 | < 7 | |
| | | | V | 14.52 | 6.81 | 21.33 | 0.136 | < 7 | |
| | | 844.0 | H | 10.92 | 6.87 | 17.79 | 0.060 | < 7 | |
| | | | V | 14.24 | 6.87 | 21.11 | 0.129 | < 7 | |
| 16QAM | 831.5 | H | 9.65 | 6.81 | 16.46 | 0.044 | < 7 | | |
| | | V | 13.71 | 6.81 | 20.52 | 0.113 | < 7 | | |
| 15 MHz | QPSK | 831.5 | H | 6.73 | 11.70 | 18.43 | 0.070 | < 7 | |
| | | | V | 9.97 | 11.70 | 21.67 | 0.147 | < 7 | |
| | | 841.5 | H | 11.17 | 6.83 | 18.00 | 0.063 | < 7 | |
| | | | V | 14.45 | 6.83 | 21.28 | 0.134 | < 7 | |
| | | 16QAM | 831.5 | H | 10.08 | 6.79 | 16.87 | 0.049 | < 7 |
| | | | | V | 14.17 | 6.79 | 20.96 | 0.125 | < 7 |

| LTE Band 41 | | | | | | | | |
|-------------------|------------|-----------------|-------------|------------------|-------------------------|--------------|--------------|-----------|
| Channel Bandwidth | Modulation | Frequency (MHz) | Ant. Polar. | Read Level (dBm) | Correction Factor (dBm) | E.I.R.P. | | Limit (W) |
| | | | | | | (dBm) | (W) | |
| 5 MHz | QPSK | 2498.5 | H | 7.80 | 11.86 | 19.66 | 0.092 | < 2 |
| | | | V | 11.95 | 11.86 | 23.81 | 0.240 | < 2 |
| | | 2593.0 | H | 8.12 | 12.18 | 20.30 | 0.107 | < 2 |
| | | | V | 11.86 | 12.18 | 24.04 | 0.254 | < 2 |
| | | 2687.5 | H | 6.52 | 12.50 | 19.02 | 0.080 | < 2 |
| | | | V | 10.23 | 12.49 | 22.72 | 0.187 | < 2 |
| | 16QAM | 2593.0 | H | 7.00 | 12.18 | 19.18 | 0.083 | < 2 |
| | | | V | 11.03 | 12.18 | 23.21 | 0.209 | < 2 |
| 10 MHz | QPSK | 2501.0 | H | 7.94 | 11.86 | 19.80 | 0.095 | < 2 |
| | | | V | 11.63 | 11.86 | 23.49 | 0.223 | < 2 |
| | | 2593.0 | H | 7.77 | 12.16 | 19.93 | 0.098 | < 2 |
| | | | V | 11.55 | 12.16 | 23.71 | 0.235 | < 2 |
| | | 2685.0 | H | 7.11 | 12.47 | 19.58 | 0.091 | < 2 |
| | | | V | 10.13 | 12.47 | 22.60 | 0.182 | < 2 |
| | 16QAM | 2593.0 | H | 6.88 | 12.17 | 19.05 | 0.080 | < 2 |
| | | | V | 10.77 | 12.17 | 22.94 | 0.197 | < 2 |
| 15 MHz | QPSK | 2503.5 | H | 8.41 | 11.86 | 20.27 | 0.106 | < 2 |
| | | | V | 11.89 | 11.86 | 23.75 | 0.237 | < 2 |
| | | 2593.0 | H | 8.70 | 12.16 | 20.86 | 0.122 | < 2 |
| | | | V | 12.00 | 12.16 | 24.16 | 0.261 | < 2 |
| | | 2682.5 | H | 6.02 | 12.46 | 18.48 | 0.070 | < 2 |
| | | | V | 10.65 | 12.46 | 23.11 | 0.205 | < 2 |
| | 16QAM | 2593.0 | H | 7.80 | 12.16 | 19.96 | 0.099 | < 2 |
| | | | V | 11.09 | 12.16 | 23.25 | 0.211 | < 2 |
| 20 MHz | QPSK | 2506.0 | H | 8.07 | 11.86 | 19.93 | 0.098 | < 2 |
| | | | V | 11.93 | 11.86 | 23.79 | 0.239 | < 2 |
| | | 2593.0 | H | 7.46 | 12.15 | 19.61 | 0.091 | < 2 |
| | | | V | 11.77 | 12.15 | 23.92 | 0.247 | < 2 |
| | | 2680.0 | H | 6.91 | 12.43 | 19.34 | 0.086 | < 2 |
| | | | V | 10.44 | 12.44 | 22.88 | 0.194 | < 2 |
| | 16QAM | 2593.0 | H | 6.40 | 12.15 | 18.55 | 0.072 | < 2 |
| | | | V | 10.98 | 12.15 | 23.13 | 0.206 | < 2 |

4 Frequency Stability Test

4.1. Limit

According to the FCC rule shall be tested the frequency stability. The rule is defined that” The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation. The test extreme voltage is according to the 2.1055(d)(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment and the extreme temperature rule is comply with the 2.1055(a)(1) -30°C ~ 50°C.

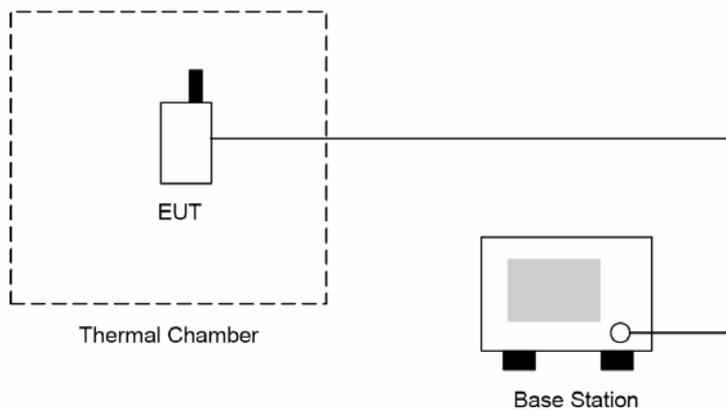
4.2. Test Instruments

| Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Remark |
|-----------------------------------|--------------|-----------|------------|------------|--------|
| Wideband Radio Communication Test | R & S | CMW500 | 103168 | 11/05/2014 | (1) |
| Temperature & Humidity Chamber | TAICHY | MHU-225LA | 980729 | 08/14/2014 | (1) |
| Test Site | ATL | TE05 | TE05 | N.C.R. | ----- |

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

4.3. Setup



4.4. Test Procedure

The measurement is made according to FCC rules:

1. The EUT and test equipment were set up as shown on the following section.
2. With all power removed, the temperature was decreased to -30°C and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was note within one minute.
3. With power OFF, the temperature was raised in 10°C steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The EUT was placed in a temperature chamber at $25 \pm 5^{\circ}\text{C}$ and connected as the following section.
5. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
6. The temperature tests were performed for the worst case.
7. Test data was recorded.

4.5. Uncertainty

The measurement uncertainty is defined as for Frequency Stability measurement is $\pm 10\text{Hz}$.

4.6. Test Result

| | | | |
|--------------|---------------------|-----------|------|
| Model Number | AC810S-300 | | |
| Test Item | Frequency Stability | | |
| Date of Test | 07/21/2015 | Test Site | TE05 |

| LTE Band 2 _ QPSK | | | | | | |
|-------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 1880.0 | 4.35 | 20 | -2.73 | -0.001 | ± 2.5 |
| | | 3.80 | 20 | -14.13 | -0.008 | ± 2.5 |
| | | 3.50 | 20 | -2.10 | -0.001 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 1880.0 | 3.80 | -30 | -2.56 | -0.001 | ± 2.5 |
| | | 3.80 | -20 | -1.88 | -0.001 | ± 2.5 |
| | | 3.80 | -10 | -13.42 | -0.007 | ± 2.5 |
| | | 3.80 | 0 | -2.23 | -0.001 | ± 2.5 |
| | | 3.80 | 10 | -11.32 | -0.006 | ± 2.5 |
| | | 3.80 | 20 | 4.66 | 0.002 | ± 2.5 |
| | | 3.80 | 30 | 3.67 | 0.002 | ± 2.5 |
| | | 3.80 | 40 | -1.01 | -0.001 | ± 2.5 |
| 3.80 | 50 | 0.70 | 0.000 | ± 2.5 | | |

| LTE Band 4 _ QPSK | | | | | | |
|-------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 1732.5 | 4.35 | 20 | -2.44 | -0.001 | ± 2.5 |
| | | 3.80 | 20 | -14.41 | -0.008 | ± 2.5 |
| | | 3.50 | 20 | -1.24 | -0.001 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 1732.5 | 3.80 | -30 | -2.27 | -0.001 | ± 2.5 |
| | | 3.80 | -20 | -1.28 | -0.001 | ± 2.5 |
| | | 3.80 | -10 | -14.07 | -0.008 | ± 2.5 |
| | | 3.80 | 0 | -1.98 | -0.001 | ± 2.5 |
| | | 3.80 | 10 | -12.09 | -0.007 | ± 2.5 |
| | | 3.80 | 20 | 3.66 | 0.002 | ± 2.5 |
| | | 3.80 | 30 | 3.20 | 0.002 | ± 2.5 |
| | | 3.80 | 40 | -0.81 | 0.000 | ± 2.5 |
| 3.80 | 50 | 0.28 | 0.000 | ± 2.5 | | |

| LTE Band 5 _ QPSK | | | | | | |
|-------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 10 MHz | 836.5 | 4.35 | 20 | -2.28 | -0.003 | ± 2.5 |
| | | 3.80 | 20 | -13.03 | -0.016 | ± 2.5 |
| | | 3.50 | 20 | -0.52 | -0.001 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 10 MHz | 836.5 | 3.80 | -30 | -3.31 | -0.004 | ± 2.5 |
| | | 3.80 | -20 | -0.86 | -0.001 | ± 2.5 |
| | | 3.80 | -10 | -14.25 | -0.017 | ± 2.5 |
| | | 3.80 | 0 | -1.01 | -0.001 | ± 2.5 |
| | | 3.80 | 10 | -12.22 | -0.015 | ± 2.5 |
| | | 3.80 | 20 | 4.70 | 0.006 | ± 2.5 |
| | | 3.80 | 30 | 3.31 | 0.004 | ± 2.5 |
| | | 3.80 | 40 | -1.27 | -0.002 | ± 2.5 |
| 3.80 | 50 | 0.99 | 0.001 | ± 2.5 | | |

| LTE Band 12 _ QPSK | | | | | | |
|--------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 10 MHz | 707.5 | 4.35 | 20 | -13.95 | -0.020 | ± 2.5 |
| | | 3.80 | 20 | -2.32 | -0.003 | ± 2.5 |
| | | 3.50 | 20 | -11.05 | -0.016 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 10 MHz | 707.5 | 3.80 | -30 | -2.34 | -0.003 | ± 2.5 |
| | | 3.80 | -20 | -2.31 | -0.003 | ± 2.5 |
| | | 3.80 | -10 | -13.04 | -0.018 | ± 2.5 |
| | | 3.80 | 0 | -1.58 | -0.002 | ± 2.5 |
| | | 3.80 | 10 | -11.26 | -0.016 | ± 2.5 |
| | | 3.80 | 20 | 4.78 | 0.007 | ± 2.5 |
| | | 3.80 | 30 | 3.22 | 0.005 | ± 2.5 |
| | | 3.80 | 40 | -0.52 | -0.001 | ± 2.5 |
| 3.80 | 50 | 0.06 | 0.000 | ± 2.5 | | |

| LTE Band 25 _ QPSK | | | | | | |
|--------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 1882.5 | 4.35 | 20 | -3.22 | -0.002 | ± 2.5 |
| | | 3.80 | 20 | -1.49 | -0.001 | ± 2.5 |
| | | 3.50 | 20 | -14.11 | -0.007 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 1882.5 | 3.80 | -30 | -3.02 | -0.002 | ± 2.5 |
| | | 3.80 | -20 | -1.19 | -0.001 | ± 2.5 |
| | | 3.80 | -10 | -12.53 | -0.007 | ± 2.5 |
| | | 3.80 | 0 | -1.87 | -0.001 | ± 2.5 |
| | | 3.80 | 10 | -11.75 | -0.006 | ± 2.5 |
| | | 3.80 | 20 | 4.32 | 0.002 | ± 2.5 |
| | | 3.80 | 30 | 3.50 | 0.002 | ± 2.5 |
| | | 3.80 | 40 | 0.08 | 0.000 | ± 2.5 |
| 3.80 | 50 | 0.14 | 0.000 | ± 2.5 | | |

| LTE Band 26_ Part 90S _ QPSK | | | | | | |
|------------------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 15 MHz | 819.0 | 4.35 | 20 | 3.44 | 0.004 | ± 2.5 |
| | | 3.80 | 20 | 1.12 | 0.001 | ± 2.5 |
| | | 3.50 | 20 | -2.03 | -0.002 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 15 MHz | 819.0 | 3.80 | -30 | -4.33 | -0.005 | ± 2.5 |
| | | 3.80 | -20 | 4.02 | 0.005 | ± 2.5 |
| | | 3.80 | -10 | 5.31 | 0.006 | ± 2.5 |
| | | 3.80 | 0 | 3.21 | 0.004 | ± 2.5 |
| | | 3.80 | 10 | -10.18 | -0.012 | ± 2.5 |
| | | 3.80 | 20 | 3.22 | 0.004 | ± 2.5 |
| | | 3.80 | 30 | 1.08 | 0.001 | ± 2.5 |
| | | 3.80 | 40 | -1.52 | -0.002 | ± 2.5 |
| 3.80 | 50 | 1.39 | 0.002 | ± 2.5 | | |

| LTE Band 26_ Part 22H _ QPSK | | | | | | |
|------------------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 15 MHz | 831.5 | 4.35 | 20 | 8.83 | 0.011 | ± 2.5 |
| | | 3.80 | 20 | -9.87 | -0.012 | ± 2.5 |
| | | 3.50 | 20 | -1.88 | -0.002 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 15 MHz | 831.5 | 3.80 | -30 | -2.82 | -0.003 | ± 2.5 |
| | | 3.80 | -20 | -2.26 | -0.003 | ± 2.5 |
| | | 3.80 | -10 | -13.70 | -0.016 | ± 2.5 |
| | | 3.80 | 0 | -1.74 | -0.002 | ± 2.5 |
| | | 3.80 | 10 | -11.71 | -0.014 | ± 2.5 |
| | | 3.80 | 20 | 3.35 | 0.004 | ± 2.5 |
| | | 3.80 | 30 | 2.43 | 0.003 | ± 2.5 |
| | | 3.80 | 40 | -0.41 | 0.000 | ± 2.5 |
| 3.80 | 50 | 0.42 | 0.001 | ± 2.5 | | |

| LTE Band 41 _ QPSK | | | | | | |
|--------------------|-----------------|---------------|------------------|----------------|-----------------|-------------|
| Voltage | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 2593.0 | 4.35 | 20 | 0.68 | 0.000 | ± 2.5 |
| | | 3.80 | 20 | 1.84 | 0.001 | ± 2.5 |
| | | 3.50 | 20 | -0.34 | 0.000 | ± 2.5 |
| Temperature | | | | | | |
| Channel Bandwidth | Frequency (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
| 20 MHz | 2593.0 | 3.80 | -30 | -2.43 | -0.001 | ± 2.5 |
| | | 3.80 | -20 | -2.18 | -0.001 | ± 2.5 |
| | | 3.80 | -10 | -14.05 | -0.005 | ± 2.5 |
| | | 3.80 | 0 | -2.28 | -0.001 | ± 2.5 |
| | | 3.80 | 10 | -11.29 | -0.004 | ± 2.5 |
| | | 3.80 | 20 | 4.15 | 0.002 | ± 2.5 |
| | | 3.80 | 30 | 2.67 | 0.001 | ± 2.5 |
| | | 3.80 | 40 | -1.08 | 0.000 | ± 2.5 |
| 3.80 | 50 | 0.22 | 0.000 | ± 2.5 | | |

5 Emission Bandwidth & Occupied Bandwidth Test

5.1. Limit

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

The emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

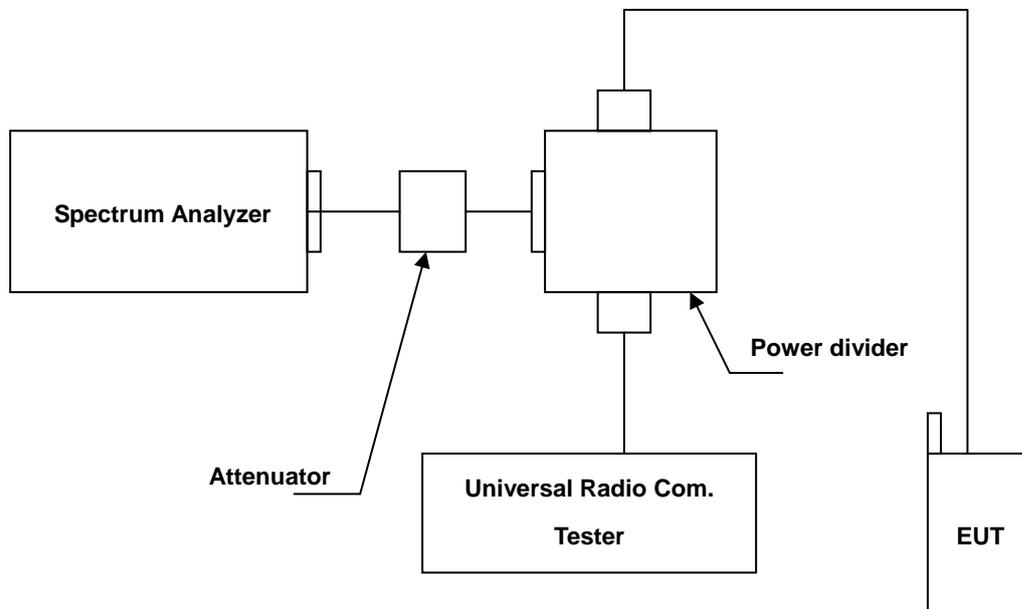
5.2. Test Instruments

| Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Remark |
|-----------------------------------|--------------|-----------|------------|------------|--------|
| Spectrum Analyzer | Agilent | E4445A | MY46181986 | 05/14/2015 | (1) |
| Wideband Radio Communication Test | R & S | CMW500 | 103168 | 11/05/2014 | (1) |
| Attenuator | RADIALL | R41572000 | 0603033073 | N.C.R. | ----- |
| Power divider | Agilent | 87302C | 3239A00760 | N.C.R. | ----- |
| Test Site | ATL | TE05 | TE05 | N.C.R. | ----- |

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

5.3. Setup



5.4. Test Procedure

The measurement is made according to FCC rules:

- a. The EUT makes a phone call to the communication simulator. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels. (low, middle and high operational frequency range.)
- b. The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- c. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

5.5. Uncertainty

The measurement uncertainty is defined as $\pm 10\text{Hz}$

5.6. Test Result

| | | | |
|--------------|---|-----------|------|
| Model Number | AC810S-300 | | |
| Test Item | Emission Bandwidth & Occupied Bandwidth | | |
| Date of Test | 07/21/2015 | Test Site | TE05 |

| LTE Band 2 | | | | |
|------------|-------------------|-----------------|----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | 26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 1.4 MHz | 1850.7 | 1.281 | 1.0801 |
| | | 1880.0 | 1.223 | 1.0828 |
| | | 1909.3 | 1.216 | 1.0816 |
| | 3 MHz | 1851.5 | 3.029 | 2.6903 |
| | | 1880.0 | 2.962 | 2.6890 |
| | | 1908.5 | 2.966 | 2.6871 |
| | 5 MHz | 1852.5 | 4.900 | 4.4778 |
| | | 1880.0 | 4.851 | 4.4697 |
| | | 1907.5 | 4.816 | 4.4662 |
| | 10 MHz | 1855.0 | 9.774 | 8.9618 |
| | | 1880.0 | 9.756 | 8.9543 |
| | | 1905.0 | 9.593 | 8.9333 |
| | 15 MHz | 1857.5 | 14.437 | 13.4185 |
| | | 1880.0 | 14.323 | 13.4305 |
| | | 1902.5 | 14.272 | 13.4017 |
| | 20 MHz | 1860.0 | 18.999 | 17.8950 |
| | | 1880.0 | 19.199 | 17.9408 |
| | | 1900.0 | 19.157 | 17.7914 |
| 16QAM | 1.4 MHz | 1850.7 | 1.268 | 1.0789 |
| | | 1880.0 | 1.223 | 1.0796 |
| | | 1909.3 | 1.256 | 1.0862 |
| | 3 MHz | 1851.5 | 3.004 | 2.6900 |
| | | 1880.0 | 2.962 | 2.6970 |
| | | 1908.5 | 2.962 | 2.6848 |
| | 5 MHz | 1852.5 | 4.895 | 4.4758 |
| | | 1880.0 | 4.864 | 4.4735 |
| | | 1907.5 | 4.813 | 4.4532 |
| | 10 MHz | 1855.0 | 9.834 | 8.9632 |
| | | 1880.0 | 9.778 | 8.9655 |
| | | 1905.0 | 9.600 | 8.9397 |
| | 15 MHz | 1857.5 | 14.432 | 13.4245 |
| | | 1880.0 | 14.325 | 13.4336 |
| | | 1902.5 | 14.255 | 13.4039 |
| | 20 MHz | 1860.0 | 18.995 | 17.9093 |
| | | 1880.0 | 19.107 | 17.9281 |
| | | 1900.0 | 19.163 | 17.7795 |

| LTE Band 4 | | | | |
|------------|-------------------|-----------------|----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | 26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 1.4 MHz | 1710.7 | 1.215 | 1.0779 |
| | | 1732.5 | 1.213 | 1.0787 |
| | | 1754.3 | 1.220 | 1.0789 |
| | 3 MHz | 1711.5 | 2.919 | 2.6854 |
| | | 1732.5 | 2.959 | 2.6886 |
| | | 1753.5 | 2.948 | 2.6912 |
| | 5 MHz | 1712.5 | 4.869 | 4.4668 |
| | | 1732.5 | 4.850 | 4.4618 |
| | | 1752.5 | 4.846 | 4.4600 |
| | 10 MHz | 1715.0 | 9.628 | 8.9509 |
| | | 1732.5 | 9.514 | 8.9227 |
| | | 1750.0 | 9.651 | 8.9538 |
| | 15 MHz | 1717.5 | 14.435 | 13.4107 |
| | | 1732.5 | 14.464 | 13.4000 |
| | | 1747.5 | 14.428 | 13.4732 |
| | 20 MHz | 1720.0 | 19.102 | 17.8544 |
| | | 1732.5 | 18.776 | 17.8620 |
| | | 1745.0 | 18.864 | 17.8621 |
| 16QAM | 1.4 MHz | 1710.7 | 1.207 | 1.0755 |
| | | 1732.5 | 1.216 | 1.0840 |
| | | 1754.3 | 1.216 | 1.0792 |
| | 3 MHz | 1711.5 | 2.916 | 2.6845 |
| | | 1732.5 | 2.946 | 2.6920 |
| | | 1753.5 | 2.946 | 2.6890 |
| | 5 MHz | 1712.5 | 4.870 | 4.4606 |
| | | 1732.5 | 4.904 | 4.4677 |
| | | 1752.5 | 4.835 | 4.4499 |
| | 10 MHz | 1715.0 | 9.627 | 8.9550 |
| | | 1732.5 | 9.526 | 8.9331 |
| | | 1750.0 | 9.654 | 8.9579 |
| | 15 MHz | 1717.5 | 14.429 | 13.4145 |
| | | 1732.5 | 14.455 | 13.4064 |
| | | 1747.5 | 14.280 | 13.4768 |
| | 20 MHz | 1720.0 | 19.096 | 17.8613 |
| | | 1732.5 | 19.182 | 17.8603 |
| | | 1745.0 | 19.110 | 17.8302 |

| LTE Band 5 | | | | |
|------------|-------------------|-----------------|----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | 26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 1.4 MHz | 824.7 | 1.207 | 1.0746 |
| | | 836.5 | 1.204 | 1.0758 |
| | | 848.3 | 1.213 | 1.0794 |
| | 3 MHz | 825.5 | 2.956 | 2.6805 |
| | | 836.5 | 2.915 | 2.6846 |
| | | 847.5 | 2.950 | 2.6913 |
| | 5 MHz | 826.5 | 4.820 | 4.4631 |
| | | 836.5 | 4.852 | 4.4618 |
| | | 846.5 | 4.848 | 4.4640 |
| | 10 MHz | 829.0 | 9.606 | 8.9498 |
| | | 836.5 | 9.554 | 8.9494 |
| | | 844.0 | 9.528 | 8.9125 |
| 16QAM | 1.4 MHz | 824.7 | 1.207 | 1.0748 |
| | | 836.5 | 1.204 | 1.0831 |
| | | 848.3 | 1.207 | 1.0789 |
| | 3 MHz | 825.5 | 2.954 | 2.6810 |
| | | 836.5 | 2.916 | 2.6837 |
| | | 847.5 | 2.920 | 2.6854 |
| | 5 MHz | 826.5 | 4.837 | 4.4606 |
| | | 836.5 | 4.887 | 4.4685 |
| | | 846.5 | 4.850 | 4.4590 |
| | 10 MHz | 829.0 | 9.613 | 8.9405 |
| | | 836.5 | 9.605 | 8.9593 |
| | | 844.0 | 9.527 | 8.9091 |

| LTE Band 12 | | | | |
|-------------|-------------------|-----------------|----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | 26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 1.4 MHz | 699.7 | 1.226 | 1.0789 |
| | | 707.5 | 1.206 | 1.0773 |
| | | 715.3 | 1.235 | 1.0811 |
| | 3 MHz | 700.5 | 2.928 | 2.6881 |
| | | 707.5 | 2.945 | 2.6879 |
| | | 714.5 | 2.973 | 2.6920 |
| | 5 MHz | 701.5 | 4.817 | 4.4637 |
| | | 707.5 | 4.912 | 4.4746 |
| | | 713.5 | 4.901 | 4.4652 |
| | 10 MHz | 704.0 | 9.680 | 8.9724 |
| | | 707.5 | 9.519 | 8.9540 |
| | | 711.0 | 9.619 | 8.9515 |
| 16QAM | 1.4 MHz | 699.7 | 1.226 | 1.0792 |
| | | 707.5 | 1.215 | 1.0779 |
| | | 715.3 | 1.235 | 1.0818 |
| | 3 MHz | 700.5 | 2.928 | 2.6846 |
| | | 707.5 | 2.946 | 2.6884 |
| | | 714.5 | 2.950 | 2.6923 |
| | 5 MHz | 701.5 | 4.830 | 4.4612 |
| | | 707.5 | 4.927 | 4.4760 |
| | | 713.5 | 4.903 | 4.4672 |
| | 10 MHz | 704.0 | 9.677 | 8.9748 |
| | | 707.5 | 9.538 | 8.9530 |
| | | 711.0 | 9.581 | 8.9608 |

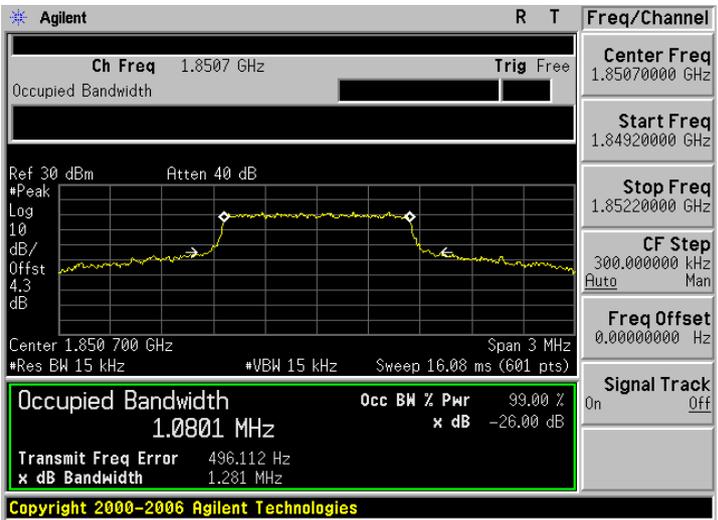
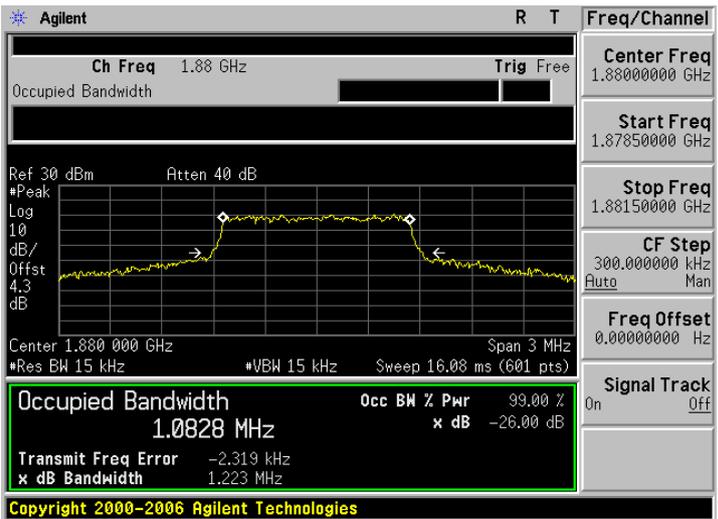
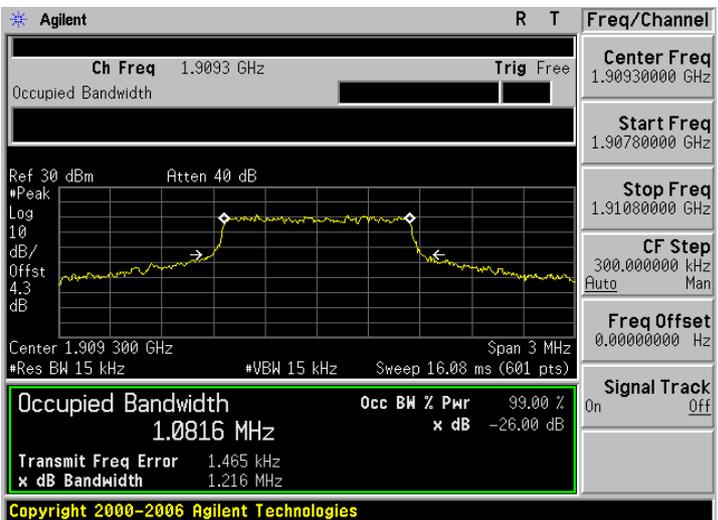
| LTE Band 25 | | | | |
|-------------|-------------------|-----------------|-----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | -26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 1.4 MHz | 1850.7 | 1.233 | 1.0785 |
| | | 1882.5 | 1.248 | 1.0814 |
| | | 1914.3 | 1.552 | 1.0781 |
| | 3 MHz | 1851.5 | 2.966 | 2.6906 |
| | | 1882.5 | 2.942 | 2.7005 |
| | | 1913.5 | 3.016 | 2.6915 |
| | 5 MHz | 1852.5 | 4.904 | 4.4743 |
| | | 1882.5 | 4.848 | 4.4548 |
| | | 1912.5 | 4.871 | 4.4716 |
| | 10 MHz | 1855.0 | 9.753 | 8.9715 |
| | | 1882.5 | 9.607 | 8.9471 |
| | | 1910.0 | 9.615 | 8.9556 |
| | 15 MHz | 1857.5 | 14.427 | 13.4286 |
| | | 1882.5 | 14.290 | 13.4467 |
| | | 1907.5 | 14.291 | 13.4303 |
| 20 MHz | 1860.0 | 18.867 | 17.8333 | |
| | 1882.5 | 18.934 | 17.9667 | |
| | 1905.0 | 19.097 | 17.8495 | |
| 16QAM | 1.4 MHz | 1850.7 | 1.236 | 1.0790 |
| | | 1882.5 | 1.222 | 1.0806 |
| | | 1914.3 | 1.394 | 1.0785 |
| | 3 MHz | 1851.5 | 2.963 | 2.6924 |
| | | 1882.5 | 2.955 | 2.6989 |
| | | 1913.5 | 3.011 | 2.6915 |
| | 5 MHz | 1852.5 | 4.904 | 4.4747 |
| | | 1882.5 | 4.868 | 4.4610 |
| | | 1912.5 | 4.856 | 4.4662 |
| | 10 MHz | 1855.0 | 9.699 | 8.9714 |
| | | 1882.5 | 9.645 | 8.9685 |
| | | 1910.0 | 9.551 | 8.9549 |
| | 15 MHz | 1857.5 | 14.422 | 13.4308 |
| | | 1882.5 | 14.408 | 13.4299 |
| | | 1907.5 | 14.243 | 13.4043 |
| 20 MHz | 1860.0 | 18.756 | 17.8505 | |
| | 1882.5 | 19.065 | 17.9557 | |
| | 1905.0 | 19.072 | 17.8402 | |

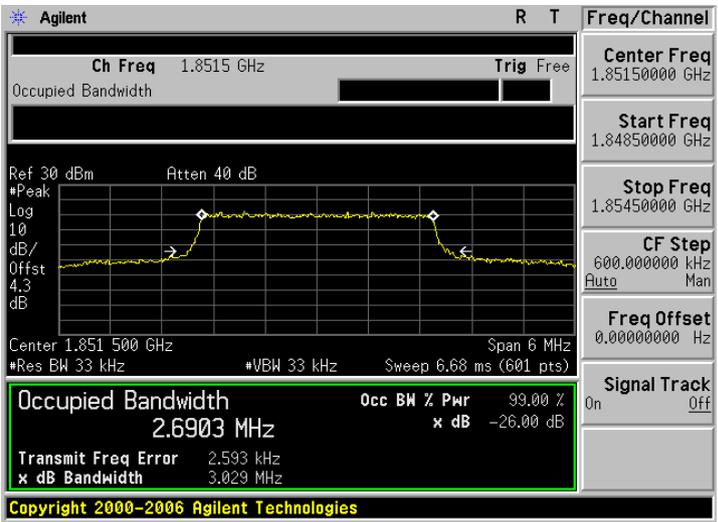
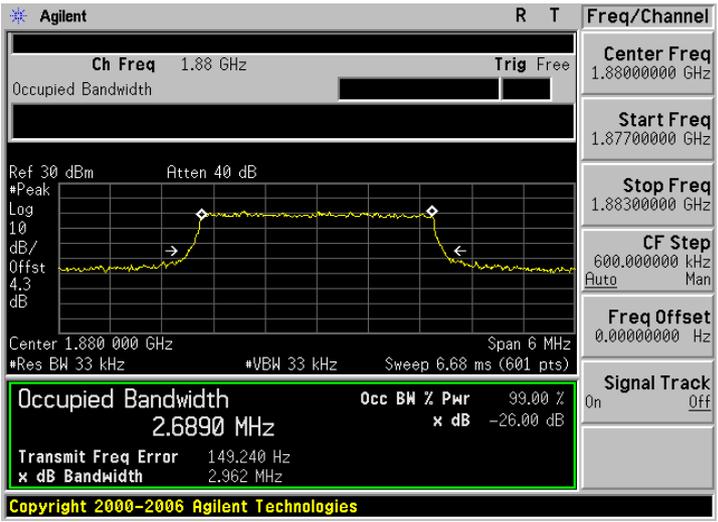
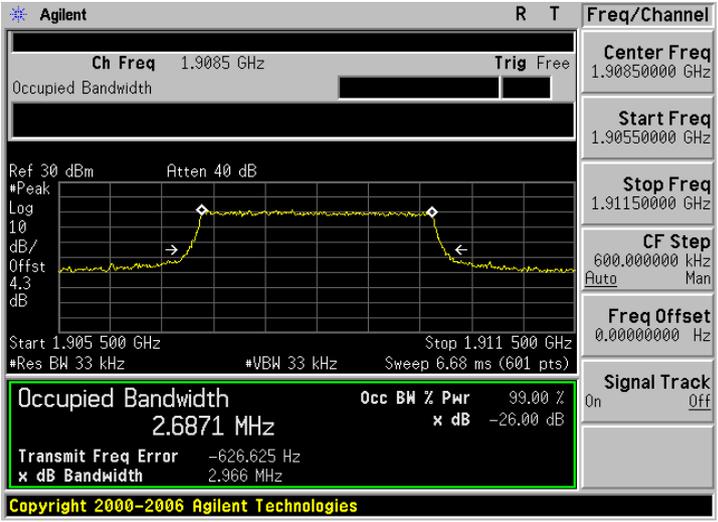
| LTE Band 26_Part 90S | | | | |
|----------------------|-------------------|-----------------|-----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | -26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 1.4 MHz | 814.7 | 1.216 | 1.0779 |
| | | 819.0 | 1.201 | 1.0738 |
| | | 823.3 | 1.212 | 1.0785 |
| | 3 MHz | 815.5 | 2.967 | 2.6915 |
| | | 819.0 | 2.919 | 2.6964 |
| | | 822.5 | 2.952 | 2.6847 |
| | 5 MHz | 816.5 | 4.857 | 4.4746 |
| | | 819.0 | 4.830 | 4.4742 |
| | | 821.5 | 4.812 | 4.4603 |
| | 10 MHz | 819.0 | 9.608 | 8.9726 |
| 16QAM | 1.4 MHz | 814.7 | 1.216 | 1.0779 |
| | | 819.0 | 1.206 | 1.0713 |
| | | 823.3 | 1.202 | 1.0730 |
| | 3 MHz | 815.5 | 2.955 | 2.6914 |
| | | 819.0 | 2.911 | 2.6932 |
| | | 822.5 | 2.929 | 2.6808 |
| | 5 MHz | 816.5 | 4.855 | 4.4728 |
| | | 819.0 | 4.827 | 4.4499 |
| | | 821.5 | 4.840 | 4.4568 |
| | 10 MHz | 819.0 | 9.529 | 8.9648 |

| LTE Band 26_Part 22H | | | | |
|----------------------|-------------------|-----------------|-----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | -26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 1.4 MHz | 824.7 | 1.215 | 1.0783 |
| | | 831.5 | 1.211 | 1.0755 |
| | | 848.3 | 1.205 | 1.0787 |
| | 3 MHz | 825.5 | 2.931 | 2.6810 |
| | | 831.5 | 2.932 | 2.6924 |
| | | 847.5 | 2.942 | 2.6905 |
| | 5 MHz | 826.5 | 4.807 | 4.4614 |
| | | 831.5 | 4.860 | 4.4649 |
| | | 846.5 | 4.869 | 4.4784 |
| | 10 MHz | 829.0 | 9.553 | 8.9528 |
| | | 831.5 | 9.586 | 8.9581 |
| | | 844.0 | 9.473 | 8.9009 |
| | 15 MHz | 831.5 | 14.462 | 13.4781 |
| | | 841.5 | 14.152 | 13.2984 |
| | 16QAM | 1.4 MHz | 824.7 | 1.214 |
| 831.5 | | | 1.207 | 1.0762 |
| 848.3 | | | 1.196 | 1.0736 |
| 3 MHz | | 825.5 | 2.950 | 2.6822 |
| | | 831.5 | 2.958 | 2.6946 |
| | | 847.5 | 2.922 | 2.6867 |
| 5 MHz | | 826.5 | 4.798 | 4.4621 |
| | | 831.5 | 4.906 | 4.4861 |
| | | 846.5 | 4.837 | 4.4702 |
| 10 MHz | | 829.0 | 9.543 | 8.9627 |
| | | 831.5 | 9.609 | 8.9603 |
| | | 844.0 | 9.405 | 8.9104 |
| 15 MHz | | 831.5 | 14.345 | 13.4668 |
| | | 841.5 | 14.186 | 13.3000 |

| LTE Band 41 | | | | |
|-------------|-------------------|-----------------|-----------------------|--------------------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | -26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
| QPSK | 5 MHz | 2498.5 | 4.907 | 4.4821 |
| | | 2593.0 | 4.816 | 4.4699 |
| | | 2687.5 | 4.839 | 4.4671 |
| | 10 MHz | 2501.0 | 9.690 | 8.9387 |
| | | 2593.0 | 9.454 | 8.9176 |
| | | 2685.0 | 9.825 | 8.9378 |
| | 15 MHz | 2503.0 | 14.233 | 13.4274 |
| | | 2593.0 | 14.374 | 13.3973 |
| | | 2682.5 | 14.298 | 13.4165 |
| | 20 MHz | 2506.0 | 19.377 | 17.9145 |
| | | 2593.0 | 19.037 | 17.8990 |
| | | 2680.0 | 19.020 | 17.8576 |
| 16QAM | 5 MHz | 2498.5 | 4.907 | 4.4827 |
| | | 2593.0 | 4.847 | 4.4695 |
| | | 2687.5 | 4.833 | 4.4678 |
| | 10 MHz | 2501.0 | 9.666 | 8.9345 |
| | | 2593.0 | 9.542 | 8.9212 |
| | | 2685.0 | 9.561 | 8.9389 |
| | 15 MHz | 2503.0 | 14.214 | 13.4196 |
| | | 2593.0 | 14.378 | 13.3741 |
| | | 2682.5 | 14.179 | 13.3740 |
| | 20 MHz | 2506.0 | 19.266 | 17.8968 |
| | | 2593.0 | 19.037 | 17.8842 |
| | | 2680.0 | 18.738 | 17.8256 |

5.7. Test Graphs

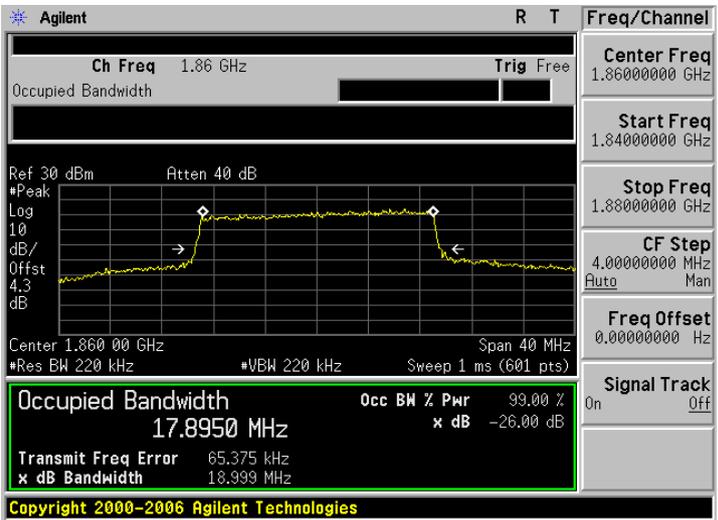
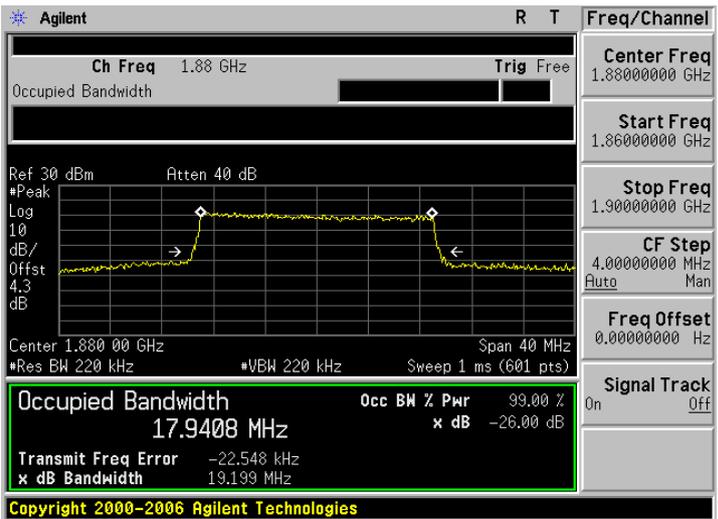
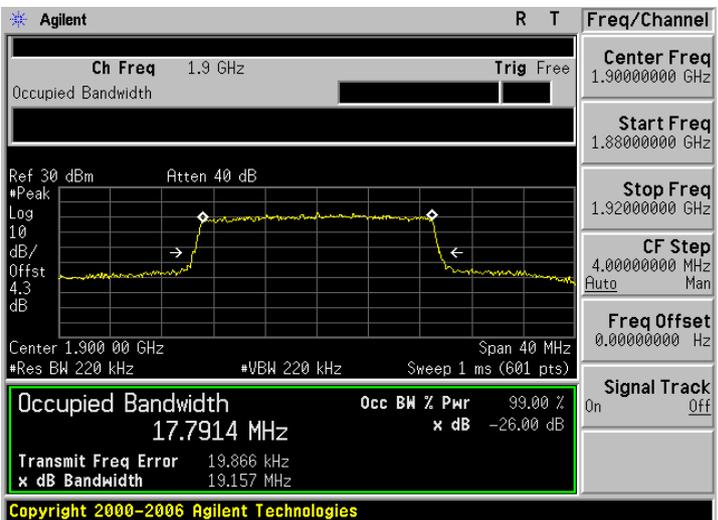
| LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK | |
|--|--|
| 1850.7 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8507 GHz Trig Free</p> <p>Center Freq 1.85070000 GHz</p> <p>Start Freq 1.84920000 GHz</p> <p>Stop Freq 1.85220000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.850 700 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0801 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 496.112 Hz</p> <p>x dB Bandwidth 1.281 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87850000 GHz</p> <p>Stop Freq 1.88150000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 000 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0828 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -2.319 kHz</p> <p>x dB Bandwidth 1.223 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1909.3 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9093 GHz Trig Free</p> <p>Center Freq 1.90930000 GHz</p> <p>Start Freq 1.90780000 GHz</p> <p>Stop Freq 1.91080000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.909 300 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0816 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.465 kHz</p> <p>x dB Bandwidth 1.216 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK | |
|--|--|
| <p>1851.5 MHz</p> |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8515 GHz Trig Free</p> <p>Center Freq 1.85150000 GHz</p> <p>Start Freq 1.84850000 GHz</p> <p>Stop Freq 1.85450000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.851 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6903 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.593 kHz</p> <p>x dB Bandwidth 3.029 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| <p>1880.0 MHz</p> |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87700000 GHz</p> <p>Stop Freq 1.88300000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 000 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6890 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 149.240 Hz</p> <p>x dB Bandwidth 2.962 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| <p>1908.5 MHz</p> |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9085 GHz Trig Free</p> <p>Center Freq 1.90850000 GHz</p> <p>Start Freq 1.90550000 GHz</p> <p>Stop Freq 1.91150000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.905 500 GHz Stop 1.911 500 GHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6871 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -626.625 Hz</p> <p>x dB Bandwidth 2.966 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK | |
|--|--|
| 1852.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8525 GHz Trig Free</p> <p>Center Freq 1.85250000 GHz</p> <p>Start Freq 1.84750000 GHz</p> <p>Stop Freq 1.85750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.852 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4778 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 4.133 kHz</p> <p>x dB Bandwidth 4.900 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87500000 GHz</p> <p>Stop Freq 1.88500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4697 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 207.287 Hz</p> <p>x dB Bandwidth 4.851 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1907.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9075 GHz Trig Free</p> <p>Center Freq 1.90750000 GHz</p> <p>Start Freq 1.90250000 GHz</p> <p>Stop Freq 1.91250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.907 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4662 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.217 kHz</p> <p>x dB Bandwidth 4.816 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK | |
|---|--|
| 1855.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.855 GHz Trig Free</p> <p>Center Freq 1.8550000 GHz</p> <p>Start Freq 1.8450000 GHz</p> <p>Stop Freq 1.8650000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.855 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9618 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 27.371 kHz</p> <p>x dB Bandwidth 9.774 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.8800000 GHz</p> <p>Start Freq 1.8700000 GHz</p> <p>Stop Freq 1.8900000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9543 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -8.001 kHz</p> <p>x dB Bandwidth 9.756 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1905.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.905 GHz Trig Free</p> <p>Center Freq 1.9050000 GHz</p> <p>Start Freq 1.8950000 GHz</p> <p>Stop Freq 1.9150000 GHz</p> <p>CF Step 2.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.905 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9333 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -13.507 kHz</p> <p>x dB Bandwidth 9.593 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK | |
|---|---|
| 1857.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8575 GHz Trig Free</p> <p>Center Freq 1.85750000 GHz</p> <p>Start Freq 1.84250000 GHz</p> <p>Stop Freq 1.87250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.857 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4185 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.437 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 48.338 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.86500000 GHz</p> <p>Stop Freq 1.89500000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4305 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.323 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -19.478 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1902.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9025 GHz Trig Free</p> <p>Center Freq 1.90250000 GHz</p> <p>Start Freq 1.88750000 GHz</p> <p>Stop Freq 1.91750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.902 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4017 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.272 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 6.254 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK | |
|---|--|
| 1860.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.86 GHz Trig Free</p> <p>Center Freq 1.86000000 GHz</p> <p>Start Freq 1.84000000 GHz</p> <p>Stop Freq 1.88000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.860 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.8950 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 65.375 kHz</p> <p>x dB Bandwidth 18.999 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.86000000 GHz</p> <p>Stop Freq 1.90000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.9408 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -22.548 kHz</p> <p>x dB Bandwidth 19.199 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1900.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9 GHz Trig Free</p> <p>Center Freq 1.90000000 GHz</p> <p>Start Freq 1.88000000 GHz</p> <p>Stop Freq 1.92000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.900 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.7914 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 19.866 kHz</p> <p>x dB Bandwidth 19.157 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ 16QAM | |
|---|---|
| 1850.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8507 GHz Trig Free</p> <p>Center Freq 1.85070000 GHz</p> <p>Start Freq 1.84920000 GHz</p> <p>Stop Freq 1.85220000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.850 700 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0789 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 1.110 kHz</p> <p>x dB Bandwidth 1.268 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87850000 GHz</p> <p>Stop Freq 1.88150000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 000 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0796 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -2.022 kHz</p> <p>x dB Bandwidth 1.223 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1909.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9093 GHz Trig Free</p> <p>Center Freq 1.90930000 GHz</p> <p>Start Freq 1.90780000 GHz</p> <p>Stop Freq 1.91080000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.909 300 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0821 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 1.768 kHz</p> <p>x dB Bandwidth 1.227 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 3 MHz) _ 16QAM | |
|---|---|
| 1851.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8515 GHz Trig Free</p> <p>Center Freq 1.85150000 GHz</p> <p>Start Freq 1.84850000 GHz</p> <p>Stop Freq 1.85450000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.851 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6900 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 4.007 kHz</p> <p>x dB Bandwidth 3.004 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87700000 GHz</p> <p>Stop Freq 1.88300000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 000 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6970 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 4.563 kHz</p> <p>x dB Bandwidth 2.962 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1908.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9085 GHz Trig Free</p> <p>Center Freq 1.90850000 GHz</p> <p>Start Freq 1.90550000 GHz</p> <p>Stop Freq 1.91150000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.905 500 GHz Stop 1.911 500 GHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6848 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -2.150 kHz</p> <p>x dB Bandwidth 2.962 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

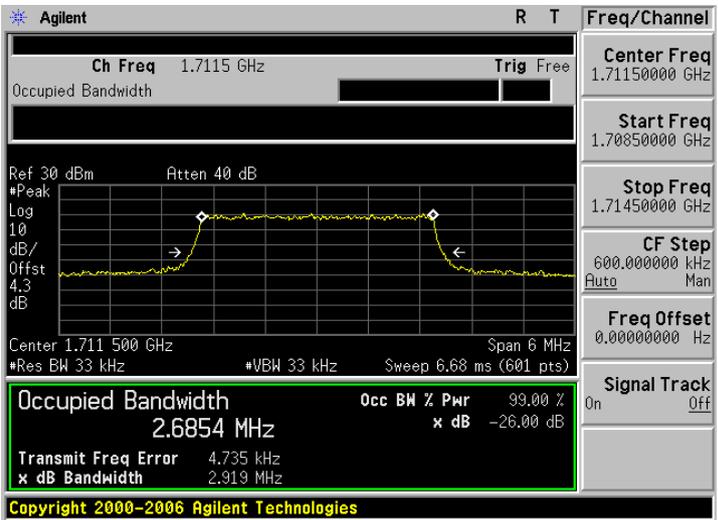
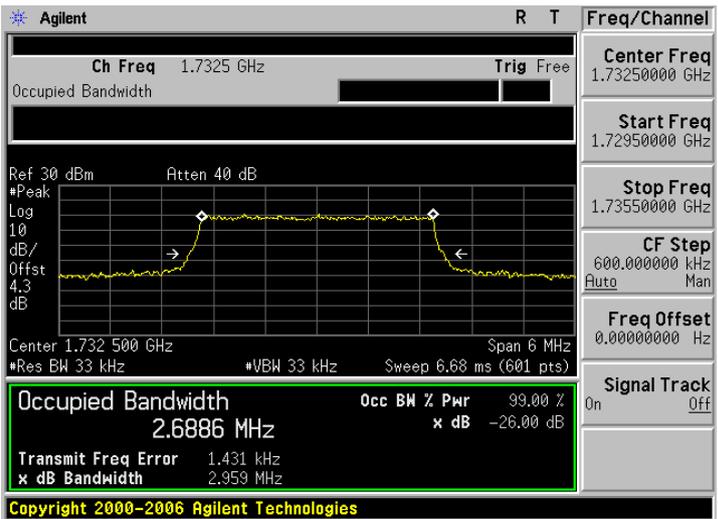
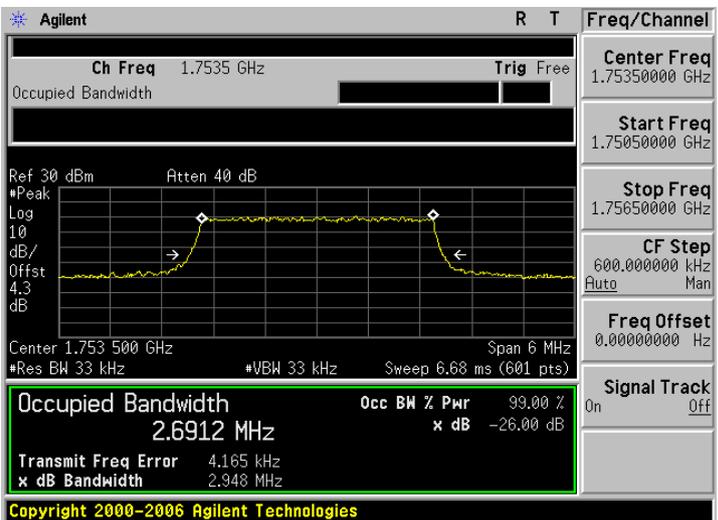
| LTE Band 2 (Channel Bandwidth: 5 MHz) _ 16QAM | |
|---|---|
| 1852.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8525 GHz Trig Free</p> <p>Center Freq 1.85250000 GHz</p> <p>Start Freq 1.84750000 GHz</p> <p>Stop Freq 1.85750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.852 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4758 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 4.572 kHz</p> <p>x dB Bandwidth 4.895 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87500000 GHz</p> <p>Stop Freq 1.88500000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4735 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.224 kHz</p> <p>x dB Bandwidth 4.864 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1907.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9075 GHz Trig Free</p> <p>Center Freq 1.90750000 GHz</p> <p>Start Freq 1.90250000 GHz</p> <p>Stop Freq 1.91250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.907 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4532 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -6.821 kHz</p> <p>x dB Bandwidth 4.813 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 10 MHz) _ 16QAM | |
|--|--|
| 1855.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.855 GHz Trig Free</p> <p>Center Freq 1.85500000 GHz</p> <p>Start Freq 1.84500000 GHz</p> <p>Stop Freq 1.86500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.855 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9632 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 28.051 kHz</p> <p>x dB Bandwidth 9.834 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.87000000 GHz</p> <p>Stop Freq 1.89000000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9655 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -4.242 kHz</p> <p>x dB Bandwidth 9.778 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1905.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.905 GHz Trig Free</p> <p>Center Freq 1.90500000 GHz</p> <p>Start Freq 1.89500000 GHz</p> <p>Stop Freq 1.91500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.905 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9397 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -9.632 kHz</p> <p>x dB Bandwidth 9.600 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 15 MHz) _ 16QAM | |
|--|--|
| 1857.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8575 GHz Trig Free</p> <p>Center Freq 1.85750000 GHz</p> <p>Start Freq 1.84250000 GHz</p> <p>Stop Freq 1.87250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.857 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4245 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 48.184 kHz</p> <p>x dB Bandwidth 14.432 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.86500000 GHz</p> <p>Stop Freq 1.89500000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4336 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -28.105 kHz</p> <p>x dB Bandwidth 14.325 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1902.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9025 GHz Trig Free</p> <p>Center Freq 1.90250000 GHz</p> <p>Start Freq 1.88750000 GHz</p> <p>Stop Freq 1.91750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.902 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4039 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 10.850 kHz</p> <p>x dB Bandwidth 14.255 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 2 (Channel Bandwidth: 20 MHz) _ 16QAM | |
|--|---|
| 1860.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.86 GHz Trig Free</p> <p>Center Freq 1.86000000 GHz</p> <p>Start Freq 1.84000000 GHz</p> <p>Stop Freq 1.88000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.860 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9093 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 63.012 kHz</p> <p>x dB Bandwidth 18.995 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1880.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.88 GHz Trig Free</p> <p>Center Freq 1.88000000 GHz</p> <p>Start Freq 1.86000000 GHz</p> <p>Stop Freq 1.90000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.880 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9281 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -23.033 kHz</p> <p>x dB Bandwidth 19.107 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1900.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9 GHz Trig Free</p> <p>Center Freq 1.90000000 GHz</p> <p>Start Freq 1.88000000 GHz</p> <p>Stop Freq 1.92000000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.900 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.7795 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 30.968 kHz</p> <p>x dB Bandwidth 19.163 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ QPSK | |
|--|--|
| 1710.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7107 GHz Trig Free</p> <p>Center Freq 1.71070000 GHz</p> <p>Start Freq 1.70920000 GHz</p> <p>Stop Freq 1.71220000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.710 700 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0779 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -458.763 Hz</p> <p>x dB Bandwidth 1.215 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.73100000 GHz</p> <p>Stop Freq 1.73400000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.731 000 GHz Stop 1.734 000 GHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0787 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -942.746 Hz</p> <p>x dB Bandwidth 1.213 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1754.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7543 GHz Trig Free</p> <p>Center Freq 1.75430000 GHz</p> <p>Start Freq 1.75280000 GHz</p> <p>Stop Freq 1.75580000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.754 300 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0789 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.118 kHz</p> <p>x dB Bandwidth 1.220 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 3 MHz) _ QPSK | |
|--|---|
| 1711.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7115 GHz Trig Free</p> <p>Center Freq 1.71150000 GHz</p> <p>Start Freq 1.70850000 GHz</p> <p>Stop Freq 1.71450000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>10 dB/</p> <p>Offst 4.3 dB</p> <p>Center 1.711 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>2.6854 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 4.735 kHz</p> <p>x dB Bandwidth 2.919 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72950000 GHz</p> <p>Stop Freq 1.73550000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>10 dB/</p> <p>Offst 4.3 dB</p> <p>Center 1.732 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>2.6886 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 1.431 kHz</p> <p>x dB Bandwidth 2.959 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1753.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7535 GHz Trig Free</p> <p>Center Freq 1.75350000 GHz</p> <p>Start Freq 1.75050000 GHz</p> <p>Stop Freq 1.75650000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>10 dB/</p> <p>Offst 4.3 dB</p> <p>Center 1.753 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>2.6912 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 4.165 kHz</p> <p>x dB Bandwidth 2.948 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 5 MHz) _ QPSK | |
|--|--|
| 1712.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7125 GHz Trig Free</p> <p>Center Freq 1.71250000 GHz</p> <p>Start Freq 1.70750000 GHz</p> <p>Stop Freq 1.71750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Log #Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.712 50 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4668 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.869 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 3.634 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72750000 GHz</p> <p>Stop Freq 1.73750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Log #Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4618 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.850 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 2.902 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1752.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7525 GHz Trig Free</p> <p>Center Freq 1.75250000 GHz</p> <p>Start Freq 1.74750000 GHz</p> <p>Stop Freq 1.75750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>Log #Peak 10 dB/Offst 4.3 dB</p> <p>Center 1.752 50 GHz Span 10 MHz</p> <p>*Res BW 51 kHz *VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4600 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.846 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 3.114 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

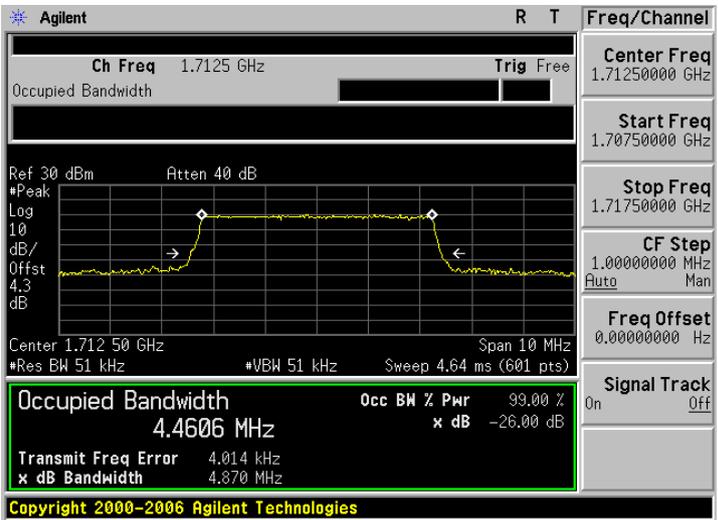
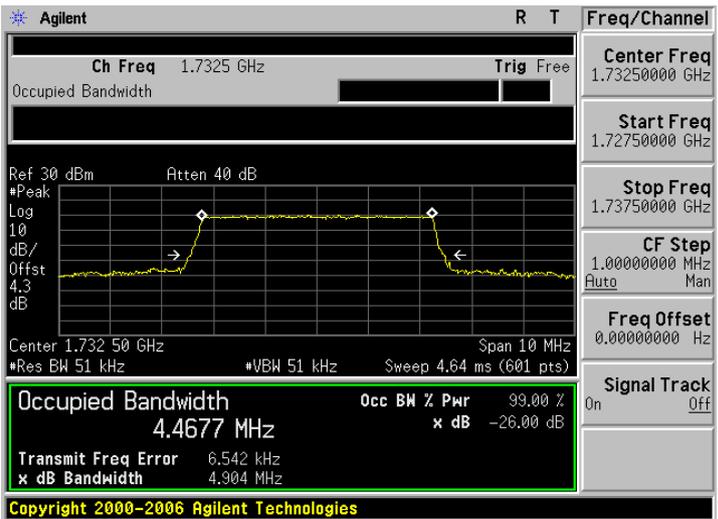
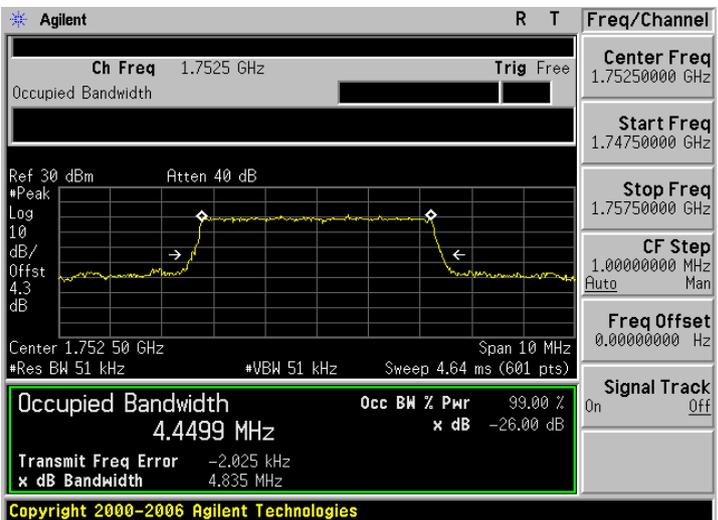
| LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK | |
|---|---|
| 1715.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.715 GHz Trig Free</p> <p>Center Freq 1.71500000 GHz</p> <p>Start Freq 1.70500000 GHz</p> <p>Stop Freq 1.72500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.715 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9509 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -1.258 kHz</p> <p>x dB Bandwidth 9.628 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72250000 GHz</p> <p>Stop Freq 1.74250000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9227 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -3.168 kHz</p> <p>x dB Bandwidth 9.514 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1750.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.75 GHz Trig Free</p> <p>Center Freq 1.75000000 GHz</p> <p>Start Freq 1.74000000 GHz</p> <p>Stop Freq 1.76000000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.750 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9538 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -6.853 kHz</p> <p>x dB Bandwidth 9.651 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 15 MHz) _ QPSK | |
|---|--|
| 1717.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7175 GHz Trig Free</p> <p>Center Freq 1.71750000 GHz</p> <p>Start Freq 1.70250000 GHz</p> <p>Stop Freq 1.73250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.717 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4107 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 7.625 kHz</p> <p>x dB Bandwidth 14.435 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.71750000 GHz</p> <p>Stop Freq 1.74750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4000 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -2.770 kHz</p> <p>x dB Bandwidth 14.464 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1747.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7475 GHz Trig Free</p> <p>Center Freq 1.74750000 GHz</p> <p>Start Freq 1.73250000 GHz</p> <p>Stop Freq 1.76250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.747 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4732 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -1.225 kHz</p> <p>x dB Bandwidth 14.428 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK | |
|---|---|
| 1720.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.72 GHz Trig Free</p> <p>Center Freq 1.7200000 GHz</p> <p>Start Freq 1.7000000 GHz</p> <p>Stop Freq 1.7400000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.720 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8544 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 14.559 kHz</p> <p>x dB Bandwidth 19.102 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7125000 GHz</p> <p>Stop Freq 1.7525000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8620 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.155 kHz</p> <p>x dB Bandwidth 18.776 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1745.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.745 GHz Trig Free</p> <p>Center Freq 1.7450000 GHz</p> <p>Start Freq 1.7250000 GHz</p> <p>Stop Freq 1.7650000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.745 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8621 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -18.124 kHz</p> <p>x dB Bandwidth 18.864 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ 16QAM | |
|---|--|
| 1710.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7107 GHz Trig Free</p> <p>Center Freq 1.71070000 GHz</p> <p>Start Freq 1.70920000 GHz</p> <p>Stop Freq 1.71220000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.710 700 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0755 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -182.873 Hz</p> <p>x dB Bandwidth 1.207 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.73100000 GHz</p> <p>Stop Freq 1.73400000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Start 1.731 000 GHz Stop 1.734 000 GHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0840 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.781 kHz</p> <p>x dB Bandwidth 1.216 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1754.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7543 GHz Trig Free</p> <p>Center Freq 1.75430000 GHz</p> <p>Start Freq 1.75280000 GHz</p> <p>Stop Freq 1.75580000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.754 300 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0792 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.929 kHz</p> <p>x dB Bandwidth 1.216 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 3 MHz) _ 16QAM | |
|---|--|
| 1711.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7115 GHz Trig Free</p> <p>Center Freq 1.71150000 GHz</p> <p>Start Freq 1.70850000 GHz</p> <p>Stop Freq 1.71450000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.711 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6845 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.916 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 2.879 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72950000 GHz</p> <p>Stop Freq 1.73550000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6920 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.946 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 4.648 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1753.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7535 GHz Trig Free</p> <p>Center Freq 1.75350000 GHz</p> <p>Start Freq 1.75050000 GHz</p> <p>Stop Freq 1.75650000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.753 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6890 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.946 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 3.719 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 5 MHz) _ 16QAM | |
|---|--|
| 1712.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7125 GHz Trig Free</p> <p>Center Freq 1.71250000 GHz</p> <p>Start Freq 1.70750000 GHz</p> <p>Stop Freq 1.71750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.712 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4606 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.870 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 4.014 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72750000 GHz</p> <p>Stop Freq 1.73750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4677 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.904 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 6.542 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1752.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7525 GHz Trig Free</p> <p>Center Freq 1.75250000 GHz</p> <p>Start Freq 1.74750000 GHz</p> <p>Stop Freq 1.75750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.752 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4499 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.835 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -2.025 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 10 MHz) _ 16QAM | |
|--|---|
| 1715.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.715 GHz Trig Free</p> <p>Center Freq 1.71500000 GHz</p> <p>Start Freq 1.70500000 GHz</p> <p>Stop Freq 1.72500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.715 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9550 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -3.963 kHz</p> <p>x dB Bandwidth 9.627 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.72250000 GHz</p> <p>Stop Freq 1.74250000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9331 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.997 kHz</p> <p>x dB Bandwidth 9.526 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1750.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.75 GHz Trig Free</p> <p>Center Freq 1.75000000 GHz</p> <p>Start Freq 1.74000000 GHz</p> <p>Stop Freq 1.76000000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.750 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9579 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -3.785 kHz</p> <p>x dB Bandwidth 9.654 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

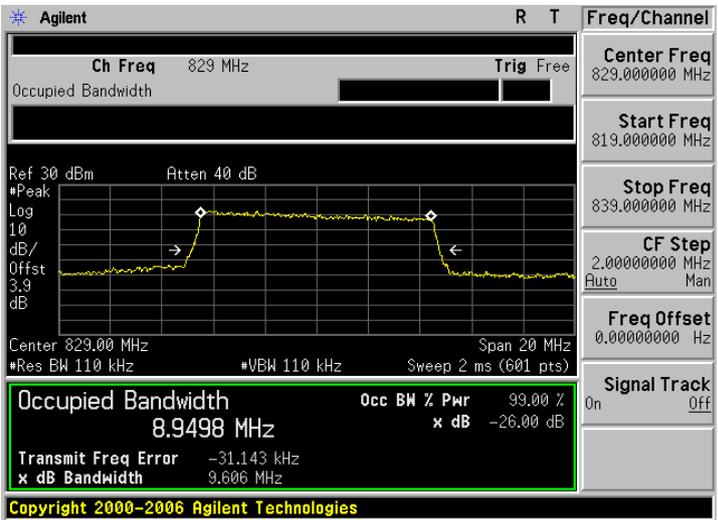
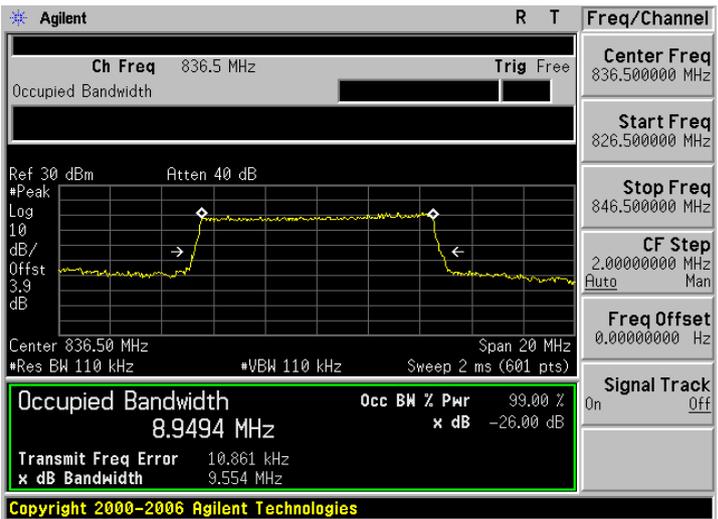
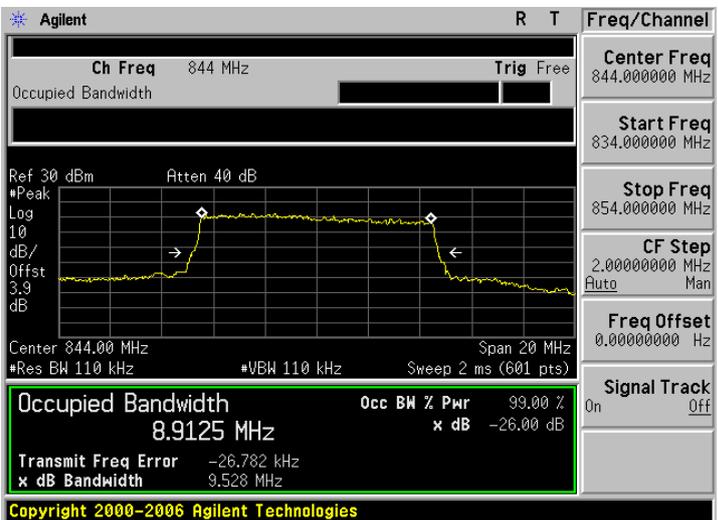
| LTE Band 4 (Channel Bandwidth: 15 MHz) _ 16QAM | |
|--|---|
| 1717.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7175 GHz Trig Free</p> <p>Center Freq 1.71750000 GHz</p> <p>Start Freq 1.70250000 GHz</p> <p>Stop Freq 1.73250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.717 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4145 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 4.667 kHz</p> <p>x dB Bandwidth 14.429 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.73250000 GHz</p> <p>Start Freq 1.71750000 GHz</p> <p>Stop Freq 1.74750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4064 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -321.966 Hz</p> <p>x dB Bandwidth 14.455 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1747.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7475 GHz Trig Free</p> <p>Center Freq 1.74750000 GHz</p> <p>Start Freq 1.73250000 GHz</p> <p>Stop Freq 1.76250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.747 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4768 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -1.074 kHz</p> <p>x dB Bandwidth 14.280 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 4 (Channel Bandwidth: 20 MHz) _ 16QAM | |
|--|--|
| 1720.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.72 GHz Trig Free</p> <p>Center Freq 1.7200000 GHz</p> <p>Start Freq 1.7000000 GHz</p> <p>Stop Freq 1.7400000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.720 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8613 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 7.721 kHz</p> <p>x dB Bandwidth 19.096 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1732.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.7325 GHz Trig Free</p> <p>Center Freq 1.7325000 GHz</p> <p>Start Freq 1.7125000 GHz</p> <p>Stop Freq 1.7525000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.732 50 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8603 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 13.660 kHz</p> <p>x dB Bandwidth 19.182 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1745.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.745 GHz Trig Free</p> <p>Center Freq 1.7450000 GHz</p> <p>Start Freq 1.7250000 GHz</p> <p>Stop Freq 1.7650000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.745 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8302 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -32.627 kHz</p> <p>x dB Bandwidth 19.110 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ QPSK | |
|--|---|
| 824.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 824.7 MHz Trig Free</p> <p>Center Freq 824.700000 MHz</p> <p>Start Freq 823.200000 MHz</p> <p>Stop Freq 826.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 824.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0746 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -468.350 Hz</p> <p>x dB Bandwidth 1.207 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 835.000000 MHz</p> <p>Stop Freq 838.000000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.500 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0758 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 55.303 Hz</p> <p>x dB Bandwidth 1.204 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 848.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 848.3 MHz Trig Free</p> <p>Center Freq 848.300000 MHz</p> <p>Start Freq 846.800000 MHz</p> <p>Stop Freq 849.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 848.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0794 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.154 kHz</p> <p>x dB Bandwidth 1.213 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 5 (Channel Bandwidth: 3 MHz) _ QPSK | |
|--|--|
| 825.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 825.5 MHz Trig Free</p> <p>Center Freq 825.500000 MHz</p> <p>Start Freq 822.500000 MHz</p> <p>Stop Freq 828.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 825.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6805 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -2.004 kHz</p> <p>x dB Bandwidth 2.956 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 833.500000 MHz</p> <p>Stop Freq 839.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6846 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.378 kHz</p> <p>x dB Bandwidth 2.915 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 847.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 847.5 MHz Trig Free</p> <p>Center Freq 847.500000 MHz</p> <p>Start Freq 844.500000 MHz</p> <p>Stop Freq 850.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 847.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6913 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.626 kHz</p> <p>x dB Bandwidth 2.950 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 5 (Channel Bandwidth: 5 MHz) _ QPSK | |
|--|--|
| 826.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 826.5 MHz Trig Free</p> <p>Center Freq 826.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 831.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 826.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4631 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -12.550 kHz</p> <p>x dB Bandwidth 4.820 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 831.500000 MHz</p> <p>Stop Freq 841.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4618 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 8.779 kHz</p> <p>x dB Bandwidth 4.852 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 846.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 846.5 MHz Trig Free</p> <p>Center Freq 846.500000 MHz</p> <p>Start Freq 841.500000 MHz</p> <p>Stop Freq 851.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 846.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4640 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -4.671 kHz</p> <p>x dB Bandwidth 4.848 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 5 (Channel Bandwidth: 10 MHz) _ QPSK | |
|---|---|
| 829.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 829 MHz Trig Free</p> <p>Center Freq 829.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 839.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 829.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9498 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -31.143 kHz</p> <p>x dB Bandwidth 9.606 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 826.500000 MHz</p> <p>Stop Freq 846.500000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9494 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 10.861 kHz</p> <p>x dB Bandwidth 9.554 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 844.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 844 MHz Trig Free</p> <p>Center Freq 844.000000 MHz</p> <p>Start Freq 834.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 844.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9125 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -26.782 kHz</p> <p>x dB Bandwidth 9.528 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ 16QAM | |
|---|---|
| 824.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 824.7 MHz Trig Free</p> <p>Center Freq 824.700000 MHz</p> <p>Start Freq 823.200000 MHz</p> <p>Stop Freq 826.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 824.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0748 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -643.037 Hz</p> <p>x dB Bandwidth 1.207 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 835.000000 MHz</p> <p>Stop Freq 838.000000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.500 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0831 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.610 kHz</p> <p>x dB Bandwidth 1.204 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 848.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 848.3 MHz Trig Free</p> <p>Center Freq 848.300000 MHz</p> <p>Start Freq 846.800000 MHz</p> <p>Stop Freq 849.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 848.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0789 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 531.772 Hz</p> <p>x dB Bandwidth 1.207 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 5 (Channel Bandwidth: 3 MHz) _ 16QAM | |
|---|--|
| 825.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 825.5 MHz Trig Free</p> <p>Center Freq 825.500000 MHz</p> <p>Start Freq 822.500000 MHz</p> <p>Stop Freq 828.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 825.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6810 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.954 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -2.402 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 833.500000 MHz</p> <p>Stop Freq 839.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6837 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.916 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 2.317 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 847.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 847.5 MHz Trig Free</p> <p>Center Freq 847.500000 MHz</p> <p>Start Freq 844.500000 MHz</p> <p>Stop Freq 850.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 847.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6854 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.920 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -2.194 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

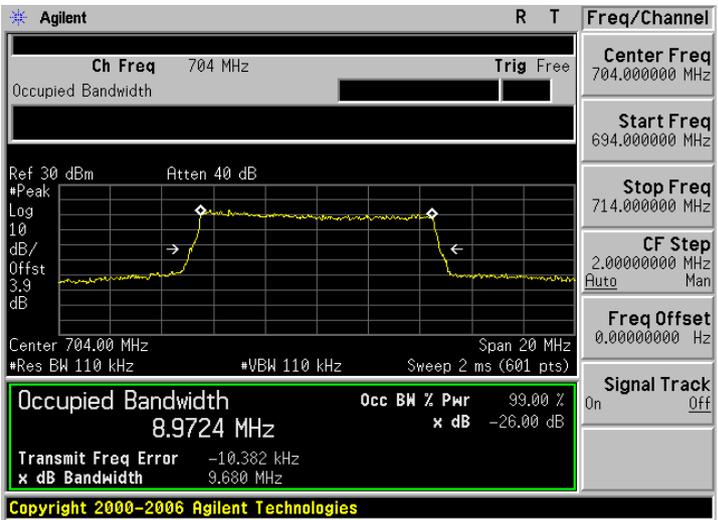
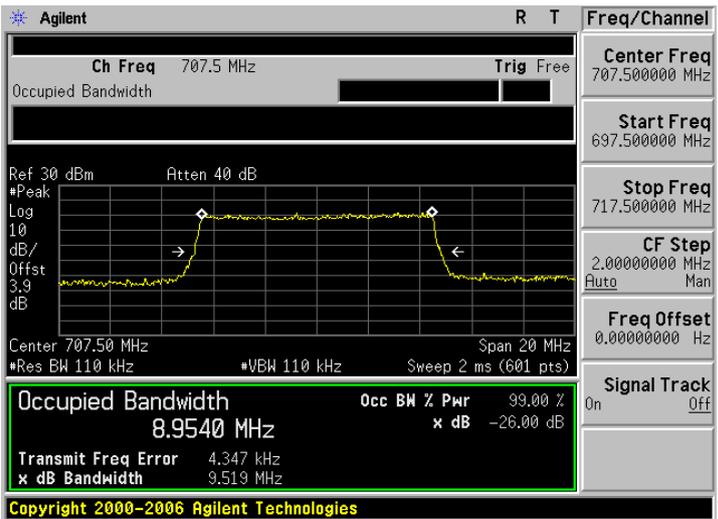
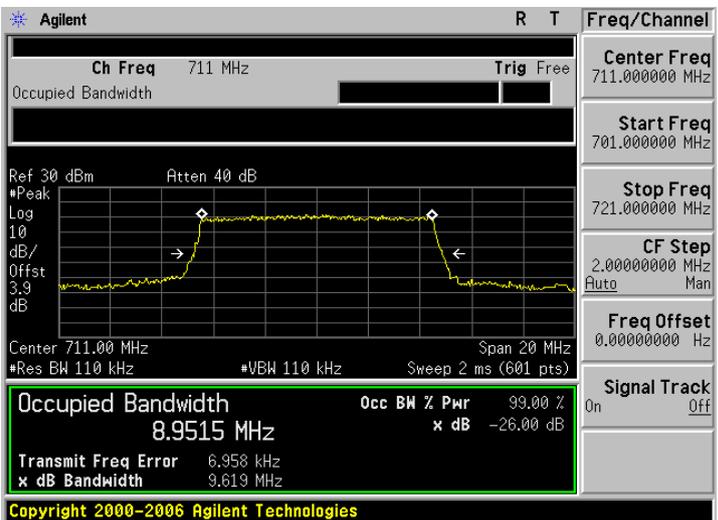
| LTE Band 5 (Channel Bandwidth: 5 MHz) _ 16QAM | |
|---|---|
| 826.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 826.5 MHz Trig Free</p> <p>Center Freq 826.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 831.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 826.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4606 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -12.031 kHz</p> <p>x dB Bandwidth 4.837 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 831.500000 MHz</p> <p>Stop Freq 841.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4685 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 8.534 kHz</p> <p>x dB Bandwidth 4.887 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 846.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 846.5 MHz Trig Free</p> <p>Center Freq 846.500000 MHz</p> <p>Start Freq 841.500000 MHz</p> <p>Stop Freq 851.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 846.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4590 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -7.357 kHz</p> <p>x dB Bandwidth 4.850 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 5 (Channel Bandwidth: 10 MHz) _ 16QAM | |
|--|--|
| 829.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 829 MHz Trig Free</p> <p>Center Freq 829.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 839.000000 MHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 829.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9405 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -28.315 kHz</p> <p>x dB Bandwidth 9.613 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 836.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 836.5 MHz Trig Free</p> <p>Center Freq 836.500000 MHz</p> <p>Start Freq 826.500000 MHz</p> <p>Stop Freq 846.500000 MHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 836.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9593 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 17.003 kHz</p> <p>x dB Bandwidth 9.605 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 844.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 844 MHz Trig Free</p> <p>Center Freq 844.000000 MHz</p> <p>Start Freq 834.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 844.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9091 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -20.887 kHz</p> <p>x dB Bandwidth 9.527 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 12 (Channel Bandwidth: 1.4 MHz) _ QPSK | |
|---|---|
| 699.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 699.7 MHz Trig Free</p> <p>Center Freq 699.700000 MHz</p> <p>Start Freq 698.200000 MHz</p> <p>Stop Freq 701.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 699.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0789 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -355.516 Hz</p> <p>x dB Bandwidth 1.226 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 707.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 706.000000 MHz</p> <p>Stop Freq 709.000000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0773 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -1.238 kHz</p> <p>x dB Bandwidth 1.206 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 715.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 715.3 MHz Trig Free</p> <p>Center Freq 715.300000 MHz</p> <p>Start Freq 713.800000 MHz</p> <p>Stop Freq 716.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 715.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0811 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.494 kHz</p> <p>x dB Bandwidth 1.235 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 12 (Channel Bandwidth: 3 MHz) _ QPSK | |
|---|--|
| 700.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 700.5 MHz Trig Free</p> <p>Center Freq 700.500000 MHz</p> <p>Start Freq 697.500000 MHz</p> <p>Stop Freq 703.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 700.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6881 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.144 kHz</p> <p>x dB Bandwidth 2.928 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 707.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 704.500000 MHz</p> <p>Stop Freq 710.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6879 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 3.498 kHz</p> <p>x dB Bandwidth 2.945 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 714.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 714.5 MHz Trig Free</p> <p>Center Freq 714.500000 MHz</p> <p>Start Freq 711.500000 MHz</p> <p>Stop Freq 717.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 714.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6920 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 4.354 kHz</p> <p>x dB Bandwidth 2.973 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

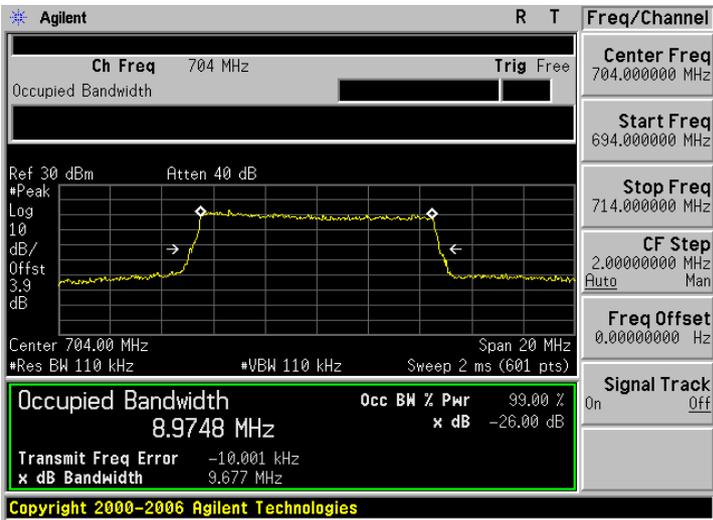
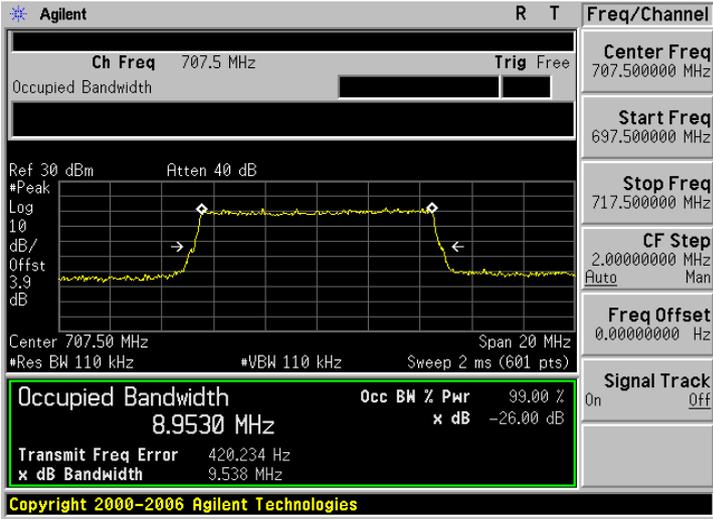
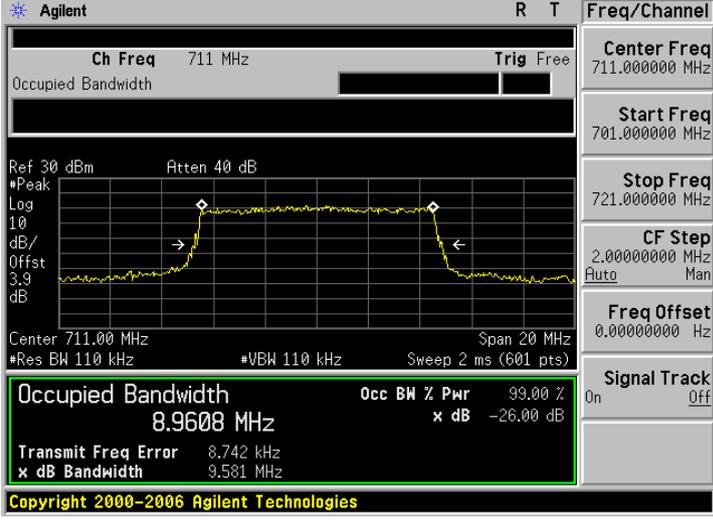
| LTE Band 12 (Channel Bandwidth: 5 MHz) _ QPSK | |
|---|---|
| 701.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 701.5 MHz Trig Free</p> <p>Center Freq 701.500000 MHz</p> <p>Start Freq 696.500000 MHz</p> <p>Stop Freq 706.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 701.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4637 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -12.468 kHz</p> <p>x dB Bandwidth 4.817 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 707.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 702.500000 MHz</p> <p>Stop Freq 712.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4746 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 10.494 kHz</p> <p>x dB Bandwidth 4.912 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 713.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 713.5 MHz Trig Free</p> <p>Center Freq 713.500000 MHz</p> <p>Start Freq 708.500000 MHz</p> <p>Stop Freq 718.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 713.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4652 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -406.264 Hz</p> <p>x dB Bandwidth 4.901 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 12 (Channel Bandwidth: 10 MHz) _ QPSK | |
|--|--|
| 704.0 MHz |  |
| 707.5 MHz |  |
| 711.0 MHz |  |

| LTE Band 12 (Channel Bandwidth: 1.4 MHz) _ 16QAM | |
|--|---|
| 669.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 699.7 MHz Trig Free</p> <p>Center Freq 699.700000 MHz</p> <p>Start Freq 698.200000 MHz</p> <p>Stop Freq 701.200000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 699.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0792 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -354.267 Hz</p> <p>x dB Bandwidth 1.226 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 707.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 706.000000 MHz</p> <p>Stop Freq 709.000000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0779 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -236.687 Hz</p> <p>x dB Bandwidth 1.215 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 715.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 715.3 MHz Trig Free</p> <p>Center Freq 715.300000 MHz</p> <p>Start Freq 713.800000 MHz</p> <p>Stop Freq 716.800000 MHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 715.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0818 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.624 kHz</p> <p>x dB Bandwidth 1.235 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

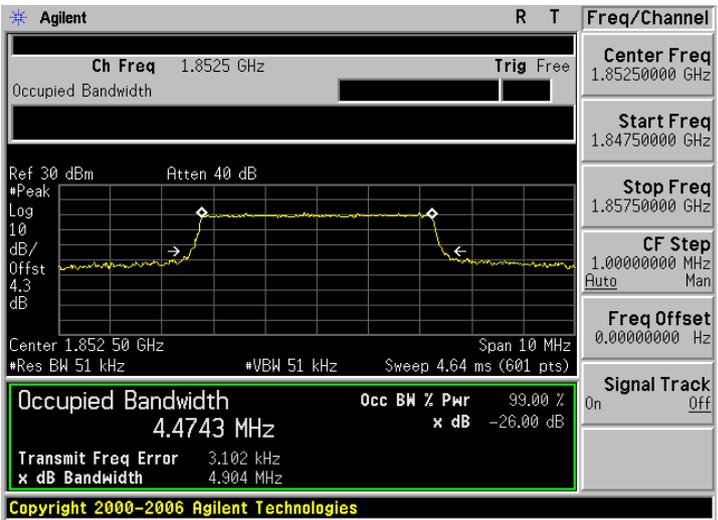
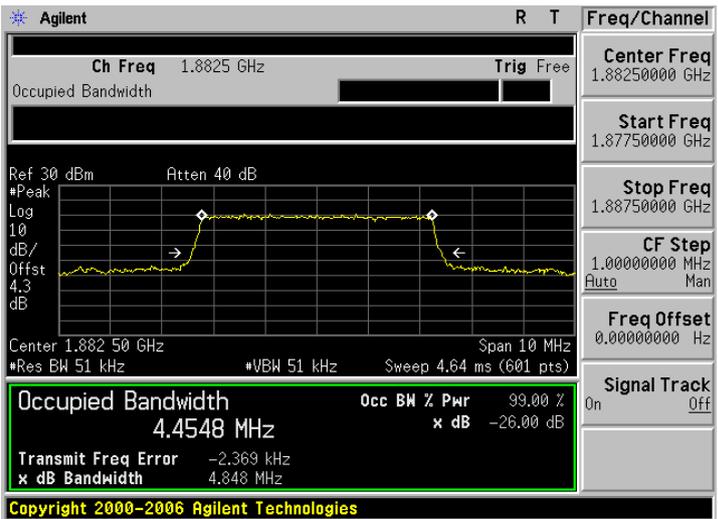
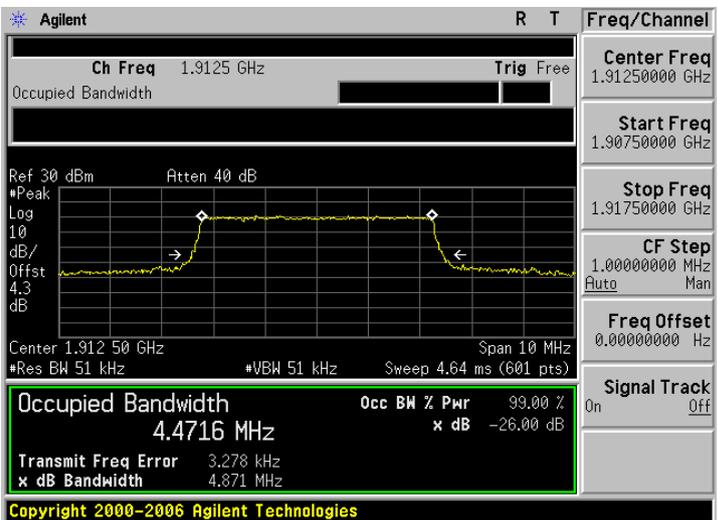
| LTE Band 12 (Channel Bandwidth: 3 MHz) _ 16QAM | |
|--|--|
| 700.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 700.5 MHz Trig Free</p> <p>Center Freq 700.500000 MHz</p> <p>Start Freq 697.500000 MHz</p> <p>Stop Freq 703.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 700.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6846 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -1.445 kHz</p> <p>x dB Bandwidth 2.928 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 707.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 704.500000 MHz</p> <p>Stop Freq 710.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6884 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 4.116 kHz</p> <p>x dB Bandwidth 2.946 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 714.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 714.5 MHz Trig Free</p> <p>Center Freq 714.500000 MHz</p> <p>Start Freq 711.500000 MHz</p> <p>Stop Freq 717.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 714.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6923 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 4.079 kHz</p> <p>x dB Bandwidth 2.950 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 12 (Channel Bandwidth: 5 MHz) _ 16QAM | |
|--|--|
| 701.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 701.5 MHz Trig Free</p> <p>Center Freq 701.500000 MHz</p> <p>Start Freq 696.500000 MHz</p> <p>Stop Freq 706.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 701.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4612 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -11.845 kHz</p> <p>x dB Bandwidth 4.830 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 707.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 702.500000 MHz</p> <p>Stop Freq 712.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4760 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 8.857 kHz</p> <p>x dB Bandwidth 4.927 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 713.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 713.5 MHz Trig Free</p> <p>Center Freq 713.500000 MHz</p> <p>Start Freq 708.500000 MHz</p> <p>Stop Freq 718.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 713.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4672 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 263.578 Hz</p> <p>x dB Bandwidth 4.903 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 12 (Channel Bandwidth: 10 MHz) _ 16QAM | |
|---|--|
| 704.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 704 MHz Trig Free</p> <p>Center Freq 704.000000 MHz</p> <p>Start Freq 694.000000 MHz</p> <p>Stop Freq 714.000000 MHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 704.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9748 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.001 kHz</p> <p>x dB Bandwidth 9.677 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 707.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 707.5 MHz Trig Free</p> <p>Center Freq 707.500000 MHz</p> <p>Start Freq 697.500000 MHz</p> <p>Stop Freq 717.500000 MHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 707.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9530 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 420.234 Hz</p> <p>x dB Bandwidth 9.538 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 711.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 711 MHz Trig Free</p> <p>Center Freq 711.000000 MHz</p> <p>Start Freq 701.000000 MHz</p> <p>Stop Freq 721.000000 MHz</p> <p>CF Step 2.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 711.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9608 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 8.742 kHz</p> <p>x dB Bandwidth 9.581 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 25 (Channel Bandwidth: 1.4 MHz) _ QPSK | |
|---|--|
| 1850.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8507 GHz Trig Free</p> <p>Center Freq 1.85070000 GHz</p> <p>Start Freq 1.84920000 GHz</p> <p>Stop Freq 1.85220000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.850 700 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>1.0785 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -1.446 kHz</p> <p>x dB Bandwidth 1.233 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.88100000 GHz</p> <p>Stop Freq 1.88400000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 500 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>1.0814 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 1.739 kHz</p> <p>x dB Bandwidth 1.248 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1914.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9143 GHz Trig Free</p> <p>Center Freq 1.91430000 GHz</p> <p>Start Freq 1.91280000 GHz</p> <p>Stop Freq 1.91580000 GHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.914 300 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>1.0781 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 3.064 kHz</p> <p>x dB Bandwidth 1.552 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 25 (Channel Bandwidth: 3 MHz) _ QPSK | |
|---|---|
| 1852.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8515 GHz Trig Free</p> <p>Center Freq 1.85150000 GHz</p> <p>Start Freq 1.84850000 GHz</p> <p>Stop Freq 1.85450000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.851 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6906 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 4.726 kHz</p> <p>x dB Bandwidth 2.966 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.87950000 GHz</p> <p>Stop Freq 1.88550000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.7005 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 5.443 kHz</p> <p>x dB Bandwidth 2.942 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1912.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9135 GHz Trig Free</p> <p>Center Freq 1.91350000 GHz</p> <p>Start Freq 1.91050000 GHz</p> <p>Stop Freq 1.91650000 GHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.913 500 GHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6915 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.343 kHz</p> <p>x dB Bandwidth 3.016 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 25 (Channel Bandwidth: 5 MHz) _ QPSK | |
|---|---|
| 1851.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8525 GHz Trig Free</p> <p>Center Freq 1.85250000 GHz</p> <p>Start Freq 1.84750000 GHz</p> <p>Stop Freq 1.85750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.852 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4743 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 3.102 kHz</p> <p>x dB Bandwidth 4.904 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.87750000 GHz</p> <p>Stop Freq 1.88750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4548 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -2.369 kHz</p> <p>x dB Bandwidth 4.848 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1913.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9125 GHz Trig Free</p> <p>Center Freq 1.91250000 GHz</p> <p>Start Freq 1.90750000 GHz</p> <p>Stop Freq 1.91750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.912 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4716 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 3.278 kHz</p> <p>x dB Bandwidth 4.871 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

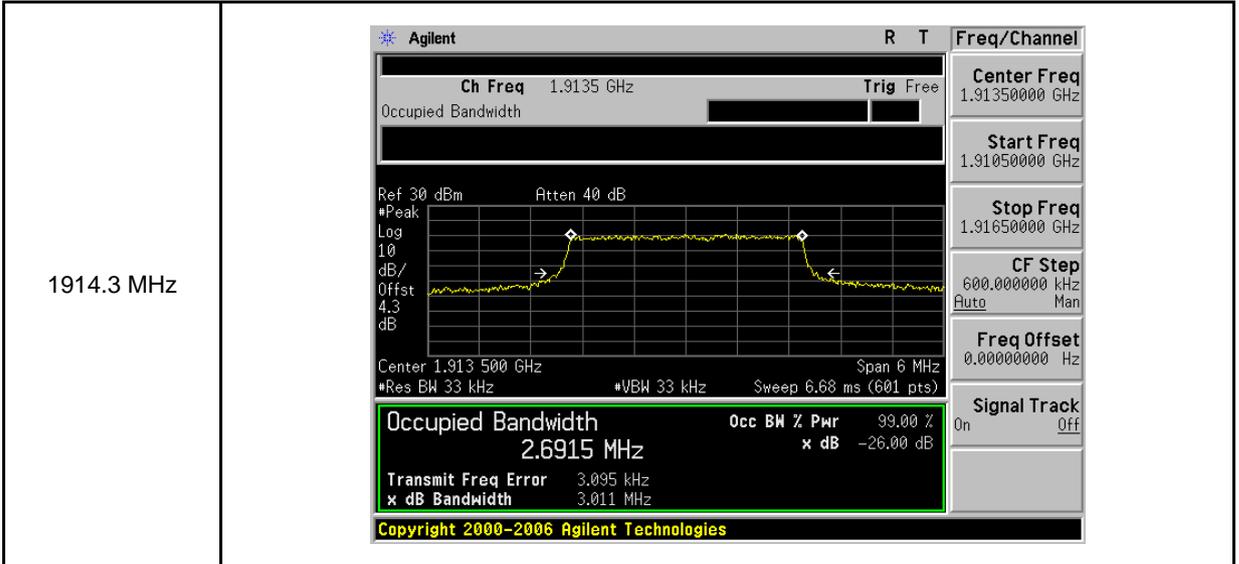
| LTE Band 25 (Channel Bandwidth: 10 MHz) _ QPSK | |
|--|--|
| 1855.0 MHz | |
| 1882.5 MHz | |
| 1910.0 MHz | |

| LTE Band 25 (Channel Bandwidth: 15 MHz) _ QPSK | |
|--|--|
| 1857.5 MHz | |
| 1882.5 MHz | |
| 1907.5 MHz | |

| LTE Band 25 (Channel Bandwidth: 20 MHz) _ QPSK | |
|--|--|
| 1860.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.86 GHz Trig Free</p> <p>Center Freq 1.8600000 GHz</p> <p>Start Freq 1.8400000 GHz</p> <p>Stop Freq 1.8800000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.860 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.8333 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 74.863 kHz</p> <p>x dB Bandwidth 18.867 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.8825000 GHz</p> <p>Start Freq 1.8625000 GHz</p> <p>Stop Freq 1.9025000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 50 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.9667 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -13.215 kHz</p> <p>x dB Bandwidth 18.934 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1905.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.905 GHz Trig Free</p> <p>Center Freq 1.9050000 GHz</p> <p>Start Freq 1.8850000 GHz</p> <p>Stop Freq 1.9250000 GHz</p> <p>CF Step 4.0000000 MHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.905 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.8495 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -26.266 kHz</p> <p>x dB Bandwidth 19.097 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 25 (Channel Bandwidth: 1.4 MHz) _ 16QAM | |
|--|---|
| 1851.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8507 GHz Trig Free</p> <p>Center Freq 1.85070000 GHz</p> <p>Start Freq 1.84920000 GHz</p> <p>Stop Freq 1.85220000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.850 700 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0790 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -1.358 kHz</p> <p>x dB Bandwidth 1.236 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.88100000 GHz</p> <p>Stop Freq 1.88400000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 500 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0806 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.303 kHz</p> <p>x dB Bandwidth 1.222 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1913.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9143 GHz Trig Free</p> <p>Center Freq 1.91430000 GHz</p> <p>Start Freq 1.91280000 GHz</p> <p>Stop Freq 1.91580000 GHz</p> <p>CF Step 300.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.914 300 GHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0785 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.507 kHz</p> <p>x dB Bandwidth 1.394 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 25 (Channel Bandwidth: 3 MHz) _ 16QAM | |
|--|---|
| 1850.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8515 GHz Trig Free</p> <p>Center Freq 1.85150000 GHz</p> <p>Start Freq 1.84850000 GHz</p> <p>Stop Freq 1.85450000 GHz</p> <p>CF Step 600,000000 kHz Auto Man</p> <p>Freq Offset 0,00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>*Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.851 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6924 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 4.901 kHz</p> <p>x dB Bandwidth 2.963 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.87950000 GHz</p> <p>Stop Freq 1.88550000 GHz</p> <p>CF Step 600,000000 kHz Auto Man</p> <p>Freq Offset 0,00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>*Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 500 GHz Span 6 MHz</p> <p>*Res BW 33 kHz *VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6989 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error 6.515 kHz</p> <p>x dB Bandwidth 2.955 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |



| LTE Band 25 (Channel Bandwidth: 5 MHz) _ 16QAM | |
|--|---|
| 1852.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8525 GHz Trig Free</p> <p>Center Freq 1.85250000 GHz</p> <p>Start Freq 1.84750000 GHz</p> <p>Stop Freq 1.85750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.852 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4747 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 2.877 kHz</p> <p>x dB Bandwidth 4.904 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.87750000 GHz</p> <p>Stop Freq 1.88750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4610 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 113.566 Hz</p> <p>x dB Bandwidth 4.868 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1912.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9125 GHz Trig Free</p> <p>Center Freq 1.91250000 GHz</p> <p>Start Freq 1.90750000 GHz</p> <p>Stop Freq 1.91750000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.912 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4662 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -551.996 Hz</p> <p>x dB Bandwidth 4.856 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

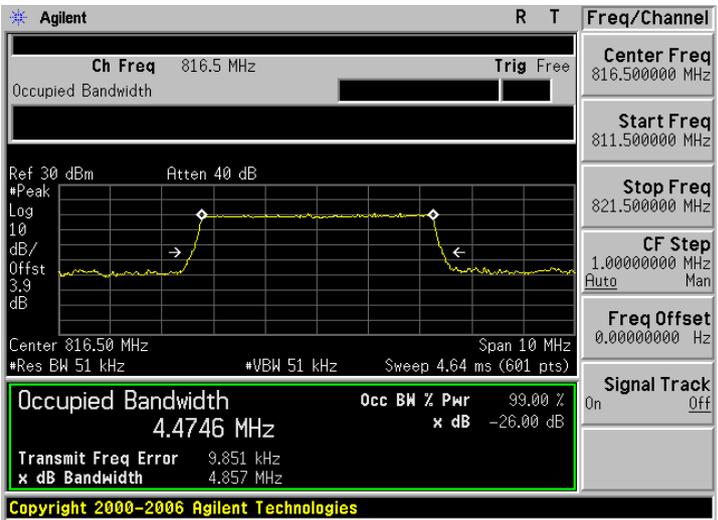
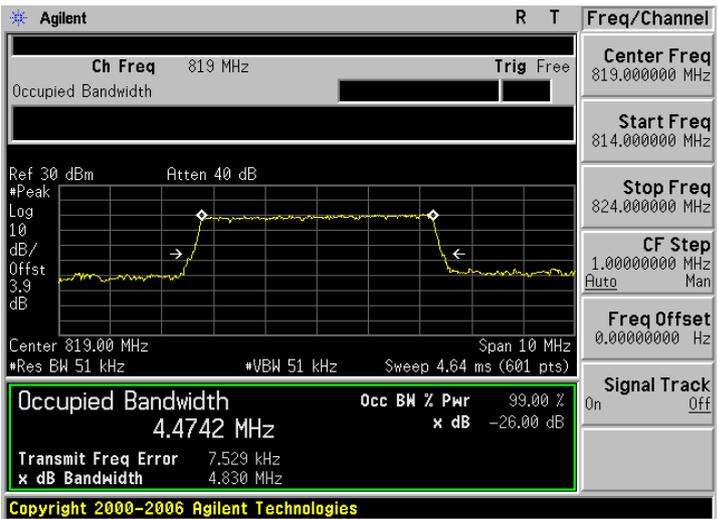
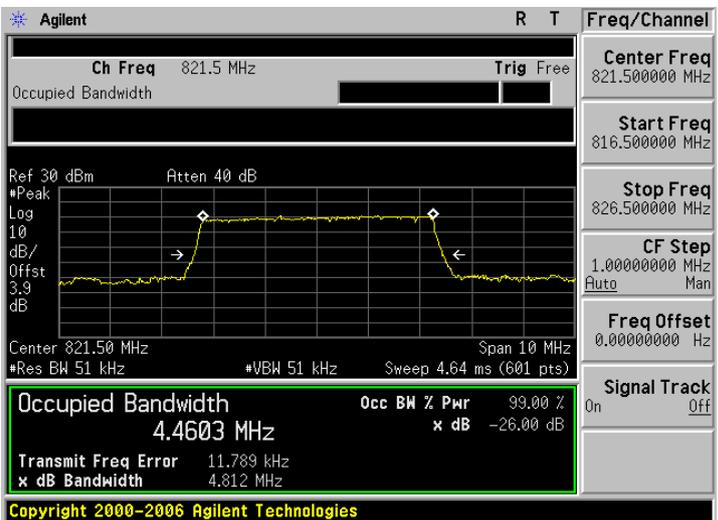
| LTE Band 25 (Channel Bandwidth: 10 MHz) _ 16QAM | |
|---|--|
| 1855.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.855 GHz Trig Free</p> <p>Center Freq 1.85500000 GHz</p> <p>Start Freq 1.84500000 GHz</p> <p>Stop Freq 1.86500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.855 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9714 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 25.228 kHz</p> <p>x dB Bandwidth 9.699 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.87250000 GHz</p> <p>Stop Freq 1.89250000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 50 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9685 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 2.560 kHz</p> <p>x dB Bandwidth 9.645 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1910.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.91 GHz Trig Free</p> <p>Center Freq 1.91000000 GHz</p> <p>Start Freq 1.90000000 GHz</p> <p>Stop Freq 1.92000000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.910 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9549 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.611 kHz</p> <p>x dB Bandwidth 9.551 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

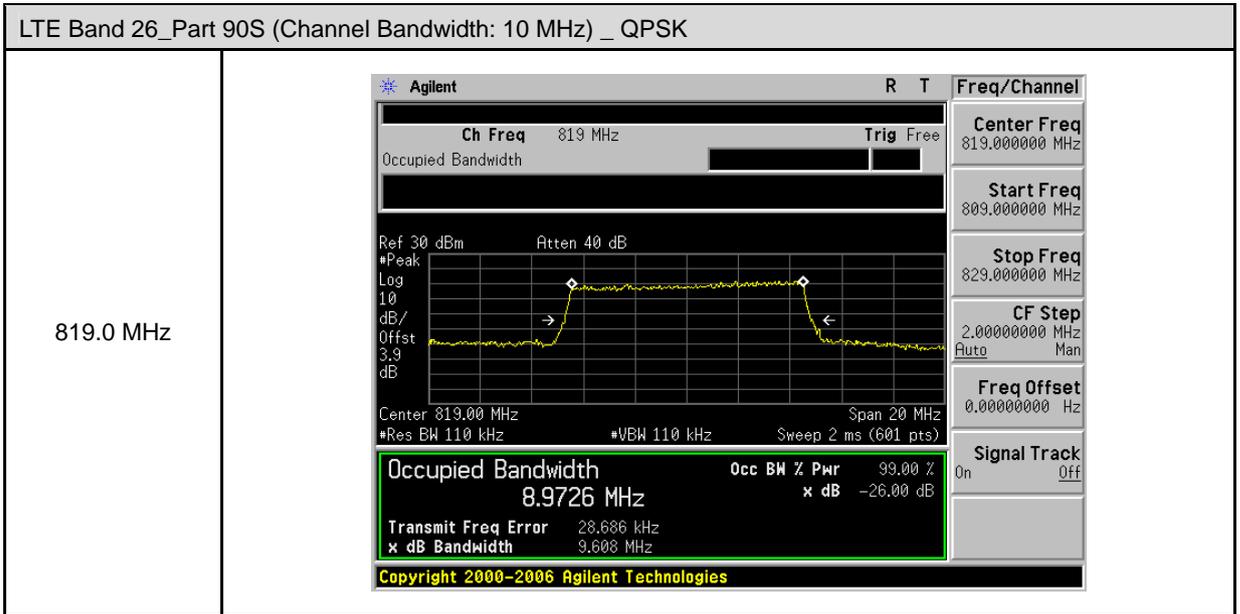
| LTE Band 25 (Channel Bandwidth: 15 MHz) _ 16QAM | |
|---|---|
| 1857.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8575 GHz Trig Free</p> <p>Center Freq 1.85750000 GHz</p> <p>Start Freq 1.84250000 GHz</p> <p>Stop Freq 1.87250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.857 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4308 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 58.782 kHz</p> <p>x dB Bandwidth 14.422 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.88250000 GHz</p> <p>Start Freq 1.86750000 GHz</p> <p>Stop Freq 1.89750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4299 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -9.252 kHz</p> <p>x dB Bandwidth 14.408 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1907.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.9075 GHz Trig Free</p> <p>Center Freq 1.90750000 GHz</p> <p>Start Freq 1.89250000 GHz</p> <p>Stop Freq 1.92250000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.907 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>13.4043 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -27.301 kHz</p> <p>x dB Bandwidth 14.243 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 25 (Channel Bandwidth: 20 MHz) _ 16QAM | |
|---|--|
| 1860.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.86 GHz Trig Free</p> <p>Center Freq 1.8600000 GHz</p> <p>Start Freq 1.8400000 GHz</p> <p>Stop Freq 1.8800000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.860 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8505 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 71.872 kHz</p> <p>x dB Bandwidth 18.756 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1882.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.8825 GHz Trig Free</p> <p>Center Freq 1.8825000 GHz</p> <p>Start Freq 1.8625000 GHz</p> <p>Stop Freq 1.9025000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.882 50 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.9557 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.347 kHz</p> <p>x dB Bandwidth 19.065 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 1905.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 1.905 GHz Trig Free</p> <p>Center Freq 1.9050000 GHz</p> <p>Start Freq 1.8850000 GHz</p> <p>Stop Freq 1.9250000 GHz</p> <p>CF Step 4.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 1.905 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8402 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -19.108 kHz</p> <p>x dB Bandwidth 19.072 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 90S (Channel Bandwidth: 1.4 MHz) _ QPSK | |
|--|---|
| 814.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 814.7 MHz Trig Free</p> <p>Center Freq 814.700000 MHz</p> <p>Start Freq 813.200000 MHz</p> <p>Stop Freq 816.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 814.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0779 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.100 kHz</p> <p>x dB Bandwidth 1.216 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 819.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 819 MHz Trig Free</p> <p>Center Freq 819.000000 MHz</p> <p>Start Freq 817.500000 MHz</p> <p>Stop Freq 820.500000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 819.000 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0738 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 3.005 kHz</p> <p>x dB Bandwidth 1.201 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 823.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 823.3 MHz Trig Free</p> <p>Center Freq 823.300000 MHz</p> <p>Start Freq 821.800000 MHz</p> <p>Stop Freq 824.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 823.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0785 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -1.665 kHz</p> <p>x dB Bandwidth 1.212 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 90S (Channel Bandwidth: 3 MHz) _ QPSK | |
|--|---|
| 815.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 815.5 MHz Trig Free</p> <p>Center Freq 815.500000 MHz</p> <p>Start Freq 812.500000 MHz</p> <p>Stop Freq 818.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 815.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6915 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 3.252 kHz</p> <p>x dB Bandwidth 2.967 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 819.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 819 MHz Trig Free</p> <p>Center Freq 819.000000 MHz</p> <p>Start Freq 816.000000 MHz</p> <p>Stop Freq 822.000000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 819.000 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6964 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 10.663 kHz</p> <p>x dB Bandwidth 2.919 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 822.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 822.5 MHz Trig Free</p> <p>Center Freq 822.500000 MHz</p> <p>Start Freq 819.500000 MHz</p> <p>Stop Freq 825.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Start 819.500 MHz Stop 825.500 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6847 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 4.856 kHz</p> <p>x dB Bandwidth 2.952 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

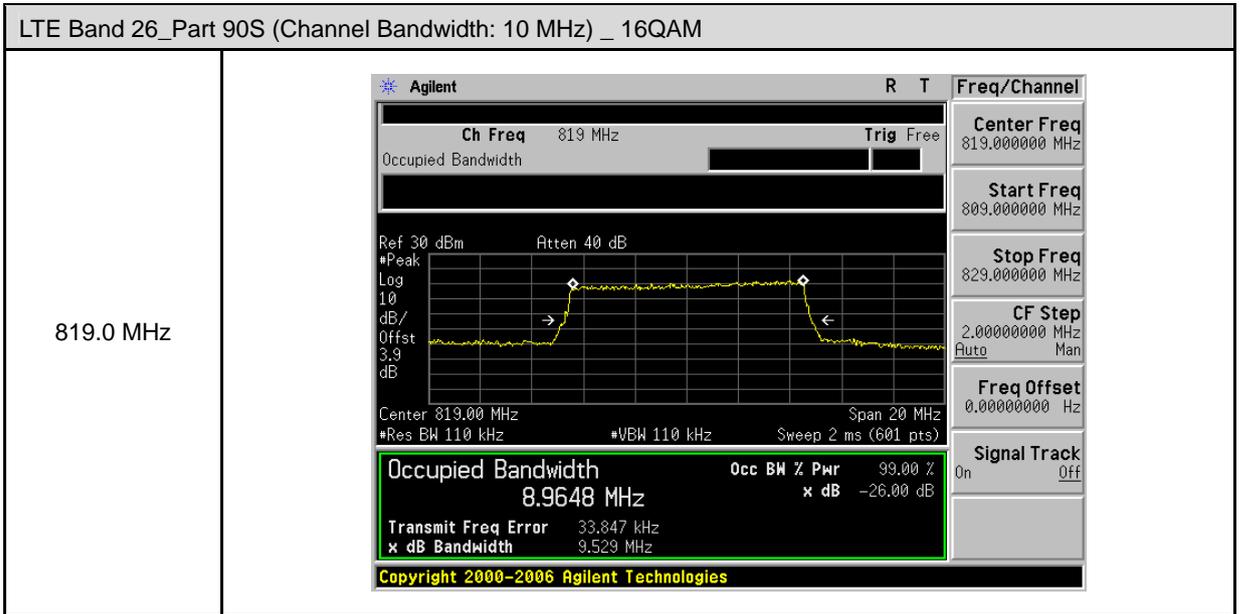
| LTE Band 26_Part 90S (Channel Bandwidth: 5 MHz) _ QPSK | |
|--|---|
| 816.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 816.5 MHz Trig Free</p> <p>Center Freq 816.500000 MHz</p> <p>Start Freq 811.500000 MHz</p> <p>Stop Freq 821.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 816.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4746 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 9.851 kHz</p> <p>x dB Bandwidth 4.857 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 819.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 819 MHz Trig Free</p> <p>Center Freq 819.000000 MHz</p> <p>Start Freq 814.000000 MHz</p> <p>Stop Freq 824.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 819.00 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4742 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 7.529 kHz</p> <p>x dB Bandwidth 4.830 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 821.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 821.5 MHz Trig Free</p> <p>Center Freq 821.500000 MHz</p> <p>Start Freq 816.500000 MHz</p> <p>Stop Freq 826.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 821.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4603 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 11.789 kHz</p> <p>x dB Bandwidth 4.812 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |



| LTE Band 26_Part 90S (Channel Bandwidth: 1.4 MHz) _ 16QAM | |
|---|--|
| 814.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 814.7 MHz Trig Free</p> <p>Center Freq 814.700000 MHz</p> <p>Start Freq 813.200000 MHz</p> <p>Stop Freq 816.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 814.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0779 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.111 kHz</p> <p>x dB Bandwidth 1.216 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 819.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 819 MHz Trig Free</p> <p>Center Freq 819.000000 MHz</p> <p>Start Freq 817.500000 MHz</p> <p>Stop Freq 820.500000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 819.000 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0713 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 3.002 kHz</p> <p>x dB Bandwidth 1.206 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 823.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 823.3 MHz Trig Free</p> <p>Center Freq 823.300000 MHz</p> <p>Start Freq 821.800000 MHz</p> <p>Stop Freq 824.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 823.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0730 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -941.129 Hz</p> <p>x dB Bandwidth 1.202 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 90S (Channel Bandwidth: 3 MHz) _ 16QAM | |
|---|---|
| 815.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 815.5 MHz Trig Free</p> <p>Center Freq 815.500000 MHz</p> <p>Start Freq 812.500000 MHz</p> <p>Stop Freq 818.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 815.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6914 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.955 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 3.740 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 819.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 819 MHz Trig Free</p> <p>Center Freq 819.000000 MHz</p> <p>Start Freq 816.000000 MHz</p> <p>Stop Freq 822.000000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Center 819.000 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6932 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.911 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 11.200 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 822.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 822.5 MHz Trig Free</p> <p>Center Freq 822.500000 MHz</p> <p>Start Freq 819.500000 MHz</p> <p>Stop Freq 825.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/ Offst 3.9 dB</p> <p>Start 819.500 MHz Stop 825.500 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6808 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 2.929 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 2.097 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

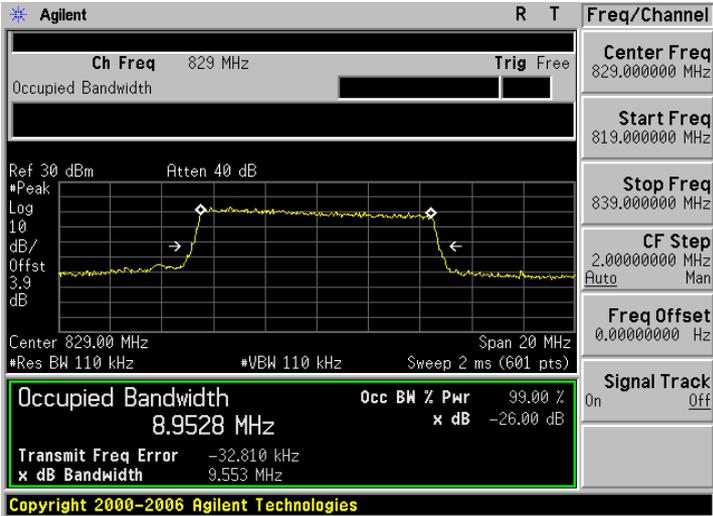
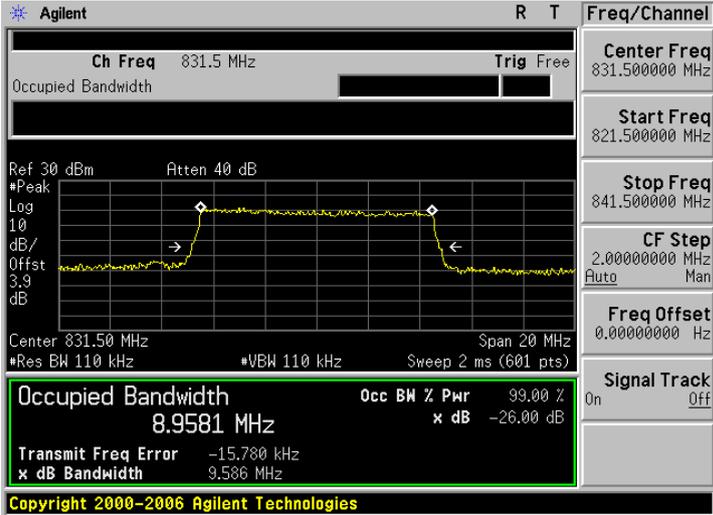
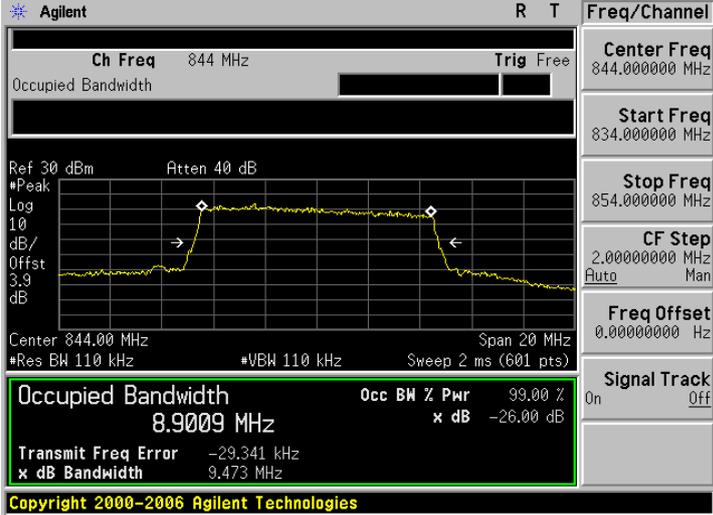
| LTE Band 26_Part 90S (Channel Bandwidth: 5 MHz) _ 16QAM | |
|---|--|
| 816.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 816.5 MHz Trig Free</p> <p>Center Freq 816.500000 MHz</p> <p>Start Freq 811.500000 MHz</p> <p>Stop Freq 821.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 816.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4728 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 8.297 kHz</p> <p>x dB Bandwidth 4.855 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 819.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 819 MHz Trig Free</p> <p>Center Freq 819.000000 MHz</p> <p>Start Freq 814.000000 MHz</p> <p>Stop Freq 824.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 819.00 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4499 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 8.559 kHz</p> <p>x dB Bandwidth 4.827 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 821.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 821.5 MHz Trig Free</p> <p>Center Freq 821.500000 MHz</p> <p>Start Freq 816.500000 MHz</p> <p>Stop Freq 826.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 821.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4568 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 16.909 kHz</p> <p>x dB Bandwidth 4.840 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |



| LTE Band 26_Part 22H (Channel Bandwidth: 1.4 MHz) _ QPSK | |
|--|---|
| 824.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 824.7 MHz Trig Free</p> <p>Center Freq 824.700000 MHz</p> <p>Start Freq 823.200000 MHz</p> <p>Stop Freq 826.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 824.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0783 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.589 kHz</p> <p>x dB Bandwidth 1.215 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 830.000000 MHz</p> <p>Stop Freq 833.000000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Start 830.000 MHz Stop 833.000 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0755 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -2.303 kHz</p> <p>x dB Bandwidth 1.211 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 848.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 848.3 MHz Trig Free</p> <p>Center Freq 848.300000 MHz</p> <p>Start Freq 846.800000 MHz</p> <p>Stop Freq 849.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 848.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0787 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -1.297 kHz</p> <p>x dB Bandwidth 1.205 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 22H (Channel Bandwidth: 3 MHz) _ QPSK | |
|--|--|
| 825.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 825.5 MHz Trig Free</p> <p>Center Freq 825.500000 MHz</p> <p>Start Freq 822.500000 MHz</p> <p>Stop Freq 828.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 825.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6810 MHz Occ BW % Pwr 99.00 %</p> <p>Transmit Freq Error -465.269 Hz x dB -26.00 dB</p> <p>x dB Bandwidth 2.931 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 828.500000 MHz</p> <p>Stop Freq 834.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 831.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6924 MHz Occ BW % Pwr 99.00 %</p> <p>Transmit Freq Error 6.163 kHz x dB -26.00 dB</p> <p>x dB Bandwidth 2.932 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 847.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 847.5 MHz Trig Free</p> <p>Center Freq 847.500000 MHz</p> <p>Start Freq 844.500000 MHz</p> <p>Stop Freq 850.500000 MHz</p> <p>CF Step 600.000000 kHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 847.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6905 MHz Occ BW % Pwr 99.00 %</p> <p>Transmit Freq Error 2.314 kHz x dB -26.00 dB</p> <p>x dB Bandwidth 2.942 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 22H (Channel Bandwidth: 5 MHz) _ QPSK | |
|--|--|
| 826.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 826.5 MHz Trig Free</p> <p>Center Freq 826.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 831.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 826.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4614 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.807 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -9.854 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.55 MHz Trig Free</p> <p>Center Freq 831.550000 MHz</p> <p>Start Freq 826.550000 MHz</p> <p>Stop Freq 836.550000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 831.55 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4649 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.860 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -58.151 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 846.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 846.5 MHz Trig Free</p> <p>Center Freq 846.500000 MHz</p> <p>Start Freq 841.500000 MHz</p> <p>Stop Freq 851.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 846.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4784 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.869 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -4.640 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

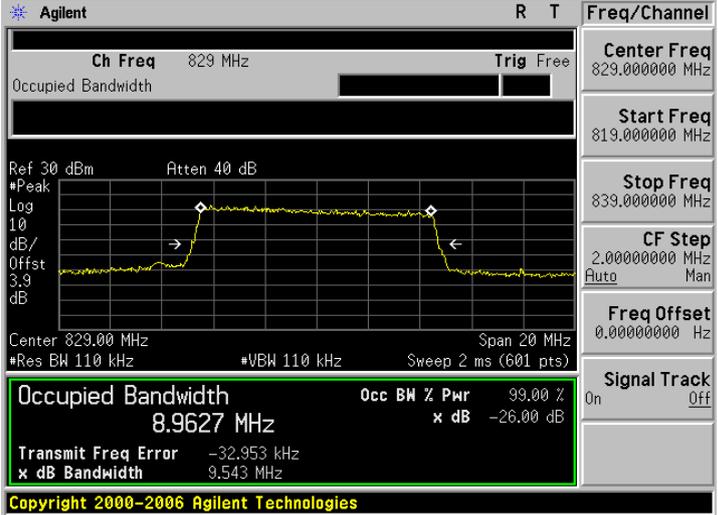
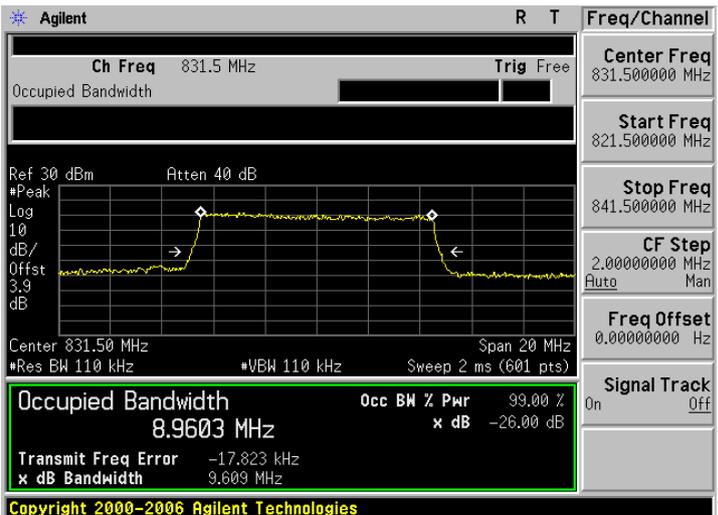
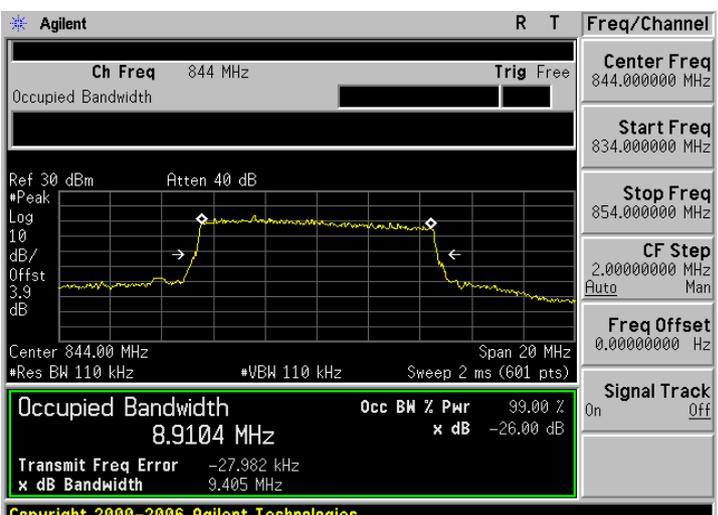
| LTE Band 26_Part 22H (Channel Bandwidth: 10 MHz) _ QPSK | |
|---|---|
| 829.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 829 MHz Trig Free</p> <p>Center Freq 829.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 839.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log 10 dB/Offst 3.9 dB</p> <p>Center 829.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9528 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -32.810 kHz</p> <p>x dB Bandwidth 9.553 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 841.500000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log 10 dB/Offst 3.9 dB</p> <p>Center 831.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9581 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -15.780 kHz</p> <p>x dB Bandwidth 9.586 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 844.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 844 MHz Trig Free</p> <p>Center Freq 844.000000 MHz</p> <p>Start Freq 834.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log 10 dB/Offst 3.9 dB</p> <p>Center 844.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9009 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -29.341 kHz</p> <p>x dB Bandwidth 9.473 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 22H (Channel Bandwidth: 15 MHz) _ QPSK | |
|---|---|
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 816.500000 MHz</p> <p>Stop Freq 846.500000 MHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log 10</p> <p>dB/</p> <p>Offst 3.9</p> <p>dB</p> <p>Center 831.50 MHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4781 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -17.649 kHz</p> <p>x dB Bandwidth 14.462 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 841.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 841.5 MHz Trig Free</p> <p>Center Freq 841.500000 MHz</p> <p>Start Freq 826.500000 MHz</p> <p>Stop Freq 856.500000 MHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log 10</p> <p>dB/</p> <p>Offst 3.9</p> <p>dB</p> <p>Center 841.50 MHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.2984 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth -26.00 dB</p> <p>Transmit Freq Error -18.594 kHz</p> <p>x dB Bandwidth 14.152 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 22H (Channel Bandwidth: 1.4 MHz) _ 16QAM | |
|---|---|
| 824.7 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 824.7 MHz Trig Free</p> <p>Center Freq 824.700000 MHz</p> <p>Start Freq 823.200000 MHz</p> <p>Stop Freq 826.200000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 824.700 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0789 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 1.558 kHz</p> <p>x dB Bandwidth 1.214 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 830.000000 MHz</p> <p>Stop Freq 833.000000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Start 830.000 MHz Stop 833.000 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0762 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -1.589 kHz</p> <p>x dB Bandwidth 1.207 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 848.3 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 848.3 MHz Trig Free</p> <p>Center Freq 848.300000 MHz</p> <p>Start Freq 846.800000 MHz</p> <p>Stop Freq 849.800000 MHz</p> <p>CF Step 300.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 848.300 MHz Span 3 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 16.08 ms (601 pts)</p> <p>Occupied Bandwidth 1.0736 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -395.033 Hz</p> <p>x dB Bandwidth 1.196 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 22H (Channel Bandwidth: 3 MHz) _ 16QAM | |
|---|---|
| 825.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 825.5 MHz Trig Free</p> <p>Center Freq 825.500000 MHz</p> <p>Start Freq 822.500000 MHz</p> <p>Stop Freq 828.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 825.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6822 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -358.693 Hz</p> <p>x dB Bandwidth 2.950 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 828.500000 MHz</p> <p>Stop Freq 834.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 831.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6946 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 5.678 kHz</p> <p>x dB Bandwidth 2.958 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 847.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 847.5 MHz Trig Free</p> <p>Center Freq 847.500000 MHz</p> <p>Start Freq 844.500000 MHz</p> <p>Stop Freq 850.500000 MHz</p> <p>CF Step 600.000000 kHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 847.500 MHz Span 6 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 6.68 ms (601 pts)</p> <p>Occupied Bandwidth 2.6867 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -591.274 Hz</p> <p>x dB Bandwidth 2.922 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

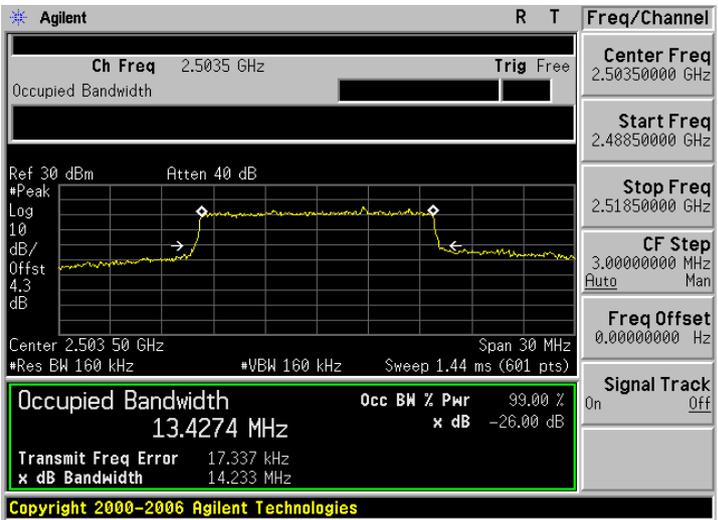
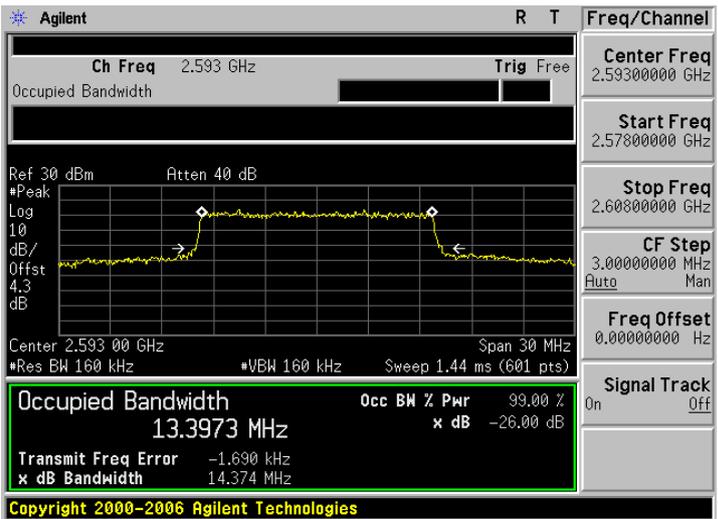
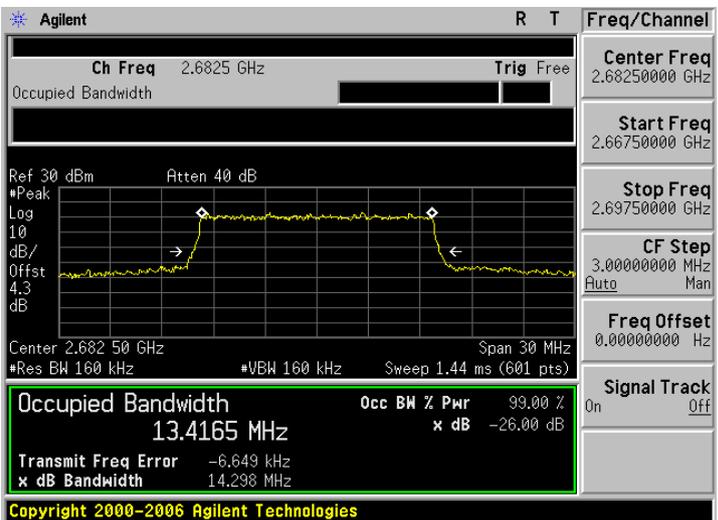
| LTE Band 26_Part 22H (Channel Bandwidth: 5 MHz) _ 16QAM | |
|---|--|
| 826.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 826.5 MHz Trig Free</p> <p>Center Freq 826.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 831.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 826.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4621 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -10.281 kHz</p> <p>x dB Bandwidth 4.798 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.55 MHz Trig Free</p> <p>Center Freq 831.550000 MHz</p> <p>Start Freq 826.550000 MHz</p> <p>Stop Freq 836.550000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 831.55 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4861 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -52.123 kHz</p> <p>x dB Bandwidth 4.906 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 846.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 846.5 MHz Trig Free</p> <p>Center Freq 846.500000 MHz</p> <p>Start Freq 841.500000 MHz</p> <p>Stop Freq 851.500000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 846.50 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4702 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -9.884 kHz</p> <p>x dB Bandwidth 4.837 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 22H (Channel Bandwidth: 10 MHz) _ 16QAM | |
|--|--|
| 829.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 829 MHz Trig Free</p> <p>Center Freq 829.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 839.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 829.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9627 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -32.953 kHz</p> <p>x dB Bandwidth 9.543 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 831.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 821.500000 MHz</p> <p>Stop Freq 841.500000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 831.50 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9603 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -17.823 kHz</p> <p>x dB Bandwidth 9.609 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 844.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 844 MHz Trig Free</p> <p>Center Freq 844.000000 MHz</p> <p>Start Freq 834.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 844.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9104 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -27.982 kHz</p> <p>x dB Bandwidth 9.405 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 26_Part 22H (Channel Bandwidth: 15 MHz) _ 16QAM | |
|--|---|
| 831.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 831.5 MHz Trig Free</p> <p>Center Freq 831.500000 MHz</p> <p>Start Freq 816.500000 MHz</p> <p>Stop Freq 846.500000 MHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 831.50 MHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4668 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.345 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -22.148 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 841.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 841.5 MHz Trig Free</p> <p>Center Freq 841.500000 MHz</p> <p>Start Freq 826.500000 MHz</p> <p>Stop Freq 856.500000 MHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 3.9 dB</p> <p>Center 841.50 MHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3000 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 14.186 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -12.670 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 5 MHz) _ QPSK | |
|---|---|
| 2498.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.4985 GHz Trig Free</p> <p>Center Freq 2.49850000 GHz</p> <p>Start Freq 2.49350000 GHz</p> <p>Stop Freq 2.50350000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.498 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4821 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.907 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 6.586 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.593 GHz Trig Free</p> <p>Center Freq 2.59300000 GHz</p> <p>Start Freq 2.58800000 GHz</p> <p>Stop Freq 2.59800000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.593 00 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4699 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.816 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -943.193 Hz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2687.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.6875 GHz Trig Free</p> <p>Center Freq 2.68750000 GHz</p> <p>Start Freq 2.68250000 GHz</p> <p>Stop Freq 2.69250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.687 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth 4.4671 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB Bandwidth 4.839 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -1.565 kHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 10 MHz) _ QPSK | |
|--|--|
| 2501.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.501 GHz Trig Free</p> <p>Center Freq 2.50100000 GHz</p> <p>Start Freq 2.491000000 GHz</p> <p>Stop Freq 2.511000000 GHz</p> <p>CF Step 2.000000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>dB/</p> <p>Offst 4.3 dB</p> <p>Center 2.501 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9387 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 20.029 kHz</p> <p>x dB Bandwidth 9.690 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.593 GHz Trig Free</p> <p>Center Freq 2.59300000 GHz</p> <p>Start Freq 2.583000000 GHz</p> <p>Stop Freq 2.603000000 GHz</p> <p>CF Step 2.000000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>dB/</p> <p>Offst 4.3 dB</p> <p>Center 2.593 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9176 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -10.352 kHz</p> <p>x dB Bandwidth 9.454 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2685.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.685 GHz Trig Free</p> <p>Center Freq 2.68500000 GHz</p> <p>Start Freq 2.675000000 GHz</p> <p>Stop Freq 2.695000000 GHz</p> <p>CF Step 2.000000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>dB/</p> <p>Offst 4.3 dB</p> <p>Center 2.685 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9378 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 4.487 kHz</p> <p>x dB Bandwidth 9.825 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 15 MHz) _ QPSK | |
|--|--|
| 2503.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5035 GHz Trig Free</p> <p>Center Freq 2.50350000 GHz</p> <p>Start Freq 2.48850000 GHz</p> <p>Stop Freq 2.51850000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>10</p> <p>dB/</p> <p>Offst 4.3 dB</p> <p>Center 2.503 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4274 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 17.337 kHz</p> <p>x dB Bandwidth 14.233 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.593 GHz Trig Free</p> <p>Center Freq 2.59300000 GHz</p> <p>Start Freq 2.57800000 GHz</p> <p>Stop Freq 2.60800000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>10</p> <p>dB/</p> <p>Offst 4.3 dB</p> <p>Center 2.593 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3973 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -1.690 kHz</p> <p>x dB Bandwidth 14.374 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2682.5 MHz |  <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.6825 GHz Trig Free</p> <p>Center Freq 2.68250000 GHz</p> <p>Start Freq 2.66750000 GHz</p> <p>Stop Freq 2.69750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak</p> <p>Log</p> <p>10</p> <p>dB/</p> <p>Offst 4.3 dB</p> <p>Center 2.682 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4165 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -6.649 kHz</p> <p>x dB Bandwidth 14.298 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 20 MHz) _ QPSK | |
|--|---|
| 2506.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.506 GHz Trig Free</p> <p>Center Freq 2.50600000 GHz</p> <p>Start Freq 2.48600000 GHz</p> <p>Stop Freq 2.52600000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.506 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.9145 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 37.109 kHz</p> <p>x dB Bandwidth 19.377 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.593 GHz Trig Free</p> <p>Center Freq 2.59300000 GHz</p> <p>Start Freq 2.57300000 GHz</p> <p>Stop Freq 2.61300000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.593 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.8990 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 12.838 kHz</p> <p>x dB Bandwidth 19.037 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2680.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.680 GHz Trig Free</p> <p>Center Freq 2.68000000 GHz</p> <p>Start Freq 2.66000000 GHz</p> <p>Stop Freq 2.70000000 GHz</p> <p>CF Step 4.00000000 MHz</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.680 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>17.8576 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 18.813 kHz</p> <p>x dB Bandwidth 19.020 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 5 MHz) _ 16QAM | |
|--|--|
| 2498.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.4985 GHz Trig Free</p> <p>Center Freq 2.49850000 GHz</p> <p>Start Freq 2.49350000 GHz</p> <p>Stop Freq 2.50350000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.498 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>4.4827 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 6.570 kHz</p> <p>x dB Bandwidth 4.907 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.593 GHz Trig Free</p> <p>Center Freq 2.59300000 GHz</p> <p>Start Freq 2.58800000 GHz</p> <p>Stop Freq 2.59800000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.593 00 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>4.4695 MHz x dB -26.00 dB</p> <p>Transmit Freq Error 224.187 Hz</p> <p>x dB Bandwidth 4.847 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2687.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.6875 GHz Trig Free</p> <p>Center Freq 2.68750000 GHz</p> <p>Start Freq 2.68250000 GHz</p> <p>Stop Freq 2.69250000 GHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.687 50 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 4.64 ms (601 pts)</p> <p>Occupied Bandwidth Occ BW % Pwr 99.00 %</p> <p>4.4678 MHz x dB -26.00 dB</p> <p>Transmit Freq Error -1.042 kHz</p> <p>x dB Bandwidth 4.833 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 10 MHz) _ 16QAM | |
|---|---|
| 2501.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2,501 GHz Trig Free</p> <p>Center Freq 2,501000000 GHz</p> <p>Start Freq 2,491000000 GHz</p> <p>Stop Freq 2,511000000 GHz</p> <p>CF Step 2,000000000 MHz Auto Man</p> <p>Freq Offset 0,000000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2,501 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9345 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 19.500 kHz</p> <p>x dB Bandwidth 9.666 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2,593 GHz Trig Free</p> <p>Center Freq 2,593000000 GHz</p> <p>Start Freq 2,583000000 GHz</p> <p>Stop Freq 2,603000000 GHz</p> <p>CF Step 2,000000000 MHz Auto Man</p> <p>Freq Offset 0,000000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2,593 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9212 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -14,076 kHz</p> <p>x dB Bandwidth 9,542 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2685.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2,685 GHz Trig Free</p> <p>Center Freq 2,685000000 GHz</p> <p>Start Freq 2,675000000 GHz</p> <p>Stop Freq 2,695000000 GHz</p> <p>CF Step 2,000000000 MHz Auto Man</p> <p>Freq Offset 0,000000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2,685 00 GHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 2 ms (601 pts)</p> <p>Occupied Bandwidth 8.9389 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -330,247 Hz</p> <p>x dB Bandwidth 9,561 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 15 MHz) _ 16QAM | |
|---|---|
| 2503.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.5035 GHz Trig Free</p> <p>Center Freq 2.50350000 GHz</p> <p>Start Freq 2.48850000 GHz</p> <p>Stop Freq 2.51850000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.503 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.4196 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 15.782 kHz</p> <p>x dB Bandwidth 14.214 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.593 GHz Trig Free</p> <p>Center Freq 2.59300000 GHz</p> <p>Start Freq 2.57800000 GHz</p> <p>Stop Freq 2.60800000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.593 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3741 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 217.329 Hz</p> <p>x dB Bandwidth 14.378 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2682.5 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2.6825 GHz Trig Free</p> <p>Center Freq 2.68250000 GHz</p> <p>Start Freq 2.66750000 GHz</p> <p>Stop Freq 2.69750000 GHz</p> <p>CF Step 3.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4.3 dB</p> <p>Center 2.682 50 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 1.44 ms (601 pts)</p> <p>Occupied Bandwidth 13.3740 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error 20.001 kHz</p> <p>x dB Bandwidth 14.179 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

| LTE Band 41 (Channel Bandwidth: 20 MHz) _ 16QAM | |
|---|---|
| 2506.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2,506 GHz Trig Free</p> <p>Center Freq 2,50600000 GHz</p> <p>Start Freq 2,48600000 GHz</p> <p>Stop Freq 2,52600000 GHz</p> <p>CF Step 4,00000000 MHz Auto Man</p> <p>Freq Offset 0,00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4,3 dB</p> <p>Center 2,506 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8968 MHz</p> <p>Occ BW % Pwr 99,00 % x dB -26,00 dB</p> <p>Transmit Freq Error 18,119 kHz</p> <p>x dB Bandwidth 19,266 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2593.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2,593 GHz Trig Free</p> <p>Center Freq 2,59300000 GHz</p> <p>Start Freq 2,57300000 GHz</p> <p>Stop Freq 2,61300000 GHz</p> <p>CF Step 4,00000000 MHz Auto Man</p> <p>Freq Offset 0,00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4,3 dB</p> <p>Center 2,593 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8842 MHz</p> <p>Occ BW % Pwr 99,00 % x dB -26,00 dB</p> <p>Transmit Freq Error 7,439 kHz</p> <p>x dB Bandwidth 19,037 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |
| 2680.0 MHz | <p>Agilent R T Freq/Channel</p> <p>Ch Freq 2,680 GHz Trig Free</p> <p>Center Freq 2,68000000 GHz</p> <p>Start Freq 2,66000000 GHz</p> <p>Stop Freq 2,70000000 GHz</p> <p>CF Step 4,00000000 MHz Auto Man</p> <p>Freq Offset 0,00000000 Hz</p> <p>Signal Track On Off</p> <p>Ref 30 dBm Atten 40 dB</p> <p>#Peak Log 10 dB/Offst 4,3 dB</p> <p>Center 2,680 00 GHz Span 40 MHz</p> <p>#Res BW 220 kHz #VBW 220 kHz Sweep 1 ms (601 pts)</p> <p>Occupied Bandwidth 17.8256 MHz</p> <p>Occ BW % Pwr 99,00 % x dB -26,00 dB</p> <p>Transmit Freq Error 11,948 kHz</p> <p>x dB Bandwidth 18,738 MHz</p> <p>Copyright 2000-2006 Agilent Technologies</p> |

6 Peak to Average Ratio Test

6.1. Limit

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

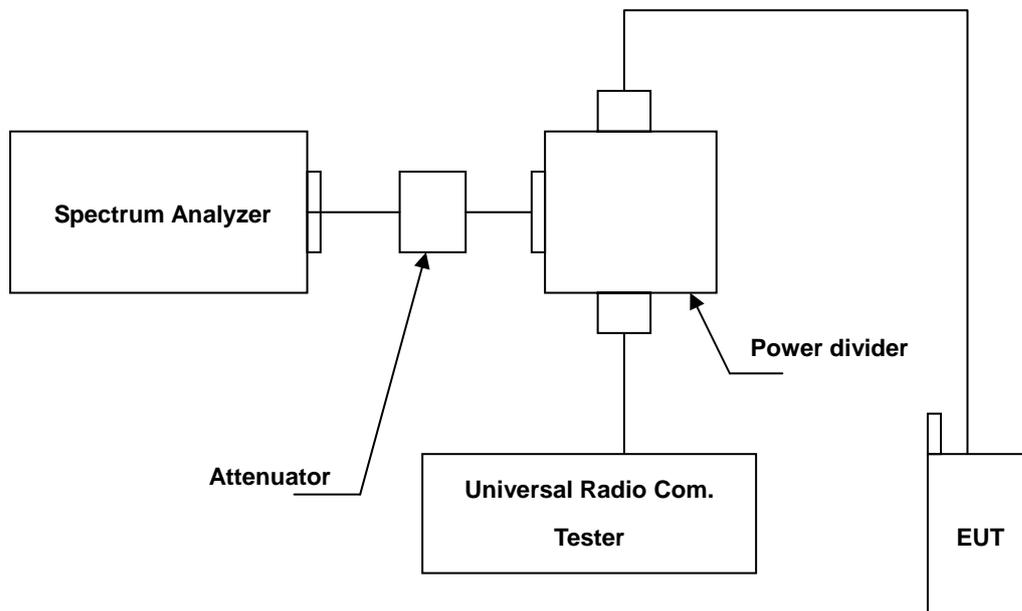
6.2. Test Instruments

| Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Remark |
|-----------------------------------|--------------|-----------|------------|------------|--------|
| Spectrum Analyzer | Agilent | E4445A | MY46181986 | 05/14/2015 | (1) |
| Wideband Radio Communication Test | R & S | CMW500 | 103168 | 11/05/2014 | (1) |
| Attenuator | RADIALL | R41572000 | 0603033073 | N.C.R. | ----- |
| Power divider | Agilent | 87302C | 3239A00760 | N.C.R. | ----- |
| Test Site | ATL | TE05 | TE05 | N.C.R. | ----- |

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

6.3. Setup



6.4. Test Procedure

The measurement is made according to FCC rules:

- a. Set resolution/measurement bandwidth = signal's occupied bandwidth;
- b. Set the number of counts to a value that stabilizes the measured CCDF curve;
- c. Record the maximum PAPR level associated with a probability of 0.1%.

6.5. Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

6.6. Test Result

| | | | |
|--------------|-----------------------|-----------|------|
| Model Number | AC810S-300 | | |
| Test Item | Peak to Average Ratio | | |
| Date of Test | 08/29/2015 | Test Site | TE05 |

| LTE Band 2 | | | | |
|------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 1.4 MHz | 1880.0 | 4.02 | < 13 |
| | 3 MHz | 1880.0 | 3.95 | < 13 |
| | 5 MHz | 1880.0 | 3.95 | < 13 |
| | 10 MHz | 1880.0 | 4.05 | < 13 |
| | 15 MHz | 1880.0 | 4.02 | < 13 |
| | 20 MHz | 1880.0 | 4.05 | < 13 |
| 16QAM | 1.4 MHz | 1880.0 | 4.92 | < 13 |
| | 3 MHz | 1880.0 | 4.74 | < 13 |
| | 5 MHz | 1880.0 | 4.82 | < 13 |
| | 10 MHz | 1880.0 | 4.85 | < 13 |
| | 15 MHz | 1880.0 | 4.84 | < 13 |
| | 20 MHz | 1880.0 | 4.84 | < 13 |

| LTE Band 4 | | | | |
|------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 1.4 MHz | 1732.5 | 4.71 | < 13 |
| | 3 MHz | 1732.5 | 4.52 | < 13 |
| | 5 MHz | 1732.5 | 4.43 | < 13 |
| | 10 MHz | 1732.5 | 4.39 | < 13 |
| | 15 MHz | 1732.5 | 4.37 | < 13 |
| | 20 MHz | 1732.5 | 4.34 | < 13 |
| 16QAM | 1.4 MHz | 1732.5 | 5.61 | < 13 |
| | 3 MHz | 1732.5 | 5.32 | < 13 |
| | 5 MHz | 1732.5 | 5.33 | < 13 |
| | 10 MHz | 1732.5 | 5.22 | < 13 |
| | 15 MHz | 1732.5 | 5.21 | < 13 |
| | 20 MHz | 1732.5 | 5.16 | < 13 |

| LTE Band 5 | | | | |
|------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 1.4 MHz | 836.5 | 4.42 | < 13 |
| | 3 MHz | 836.5 | 4.21 | < 13 |
| | 5 MHz | 836.5 | 4.16 | < 13 |
| | 10 MHz | 836.5 | 4.18 | < 13 |
| 16QAM | 1.4 MHz | 836.5 | 5.31 | < 13 |
| | 3 MHz | 836.5 | 5.03 | < 13 |
| | 5 MHz | 836.5 | 5.06 | < 13 |
| | 10 MHz | 836.5 | 5.01 | < 13 |

| LTE Band 12 | | | | |
|-------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 1.4 MHz | 707.5 | 3.84 | < 13 |
| | 3 MHz | 707.5 | 3.73 | < 13 |
| | 5 MHz | 707.5 | 3.75 | < 13 |
| | 10 MHz | 707.5 | 3.82 | < 13 |
| 16QAM | 1.4 MHz | 707.5 | 4.55 | < 13 |
| | 3 MHz | 707.5 | 4.40 | < 13 |
| | 5 MHz | 707.5 | 4.47 | < 13 |
| | 10 MHz | 707.5 | 4.53 | < 13 |

| LTE Band 25 | | | | |
|-------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 1.4 MHz | 1882.5 | 3.99 | < 13 |
| | 3 MHz | 1882.5 | 3.90 | < 13 |
| | 5 MHz | 1882.5 | 3.89 | < 13 |
| | 10 MHz | 1882.5 | 4.04 | < 13 |
| | 15 MHz | 1882.5 | 4.03 | < 13 |
| | 20 MHz | 1882.5 | 4.10 | < 13 |
| 16QAM | 1.4 MHz | 1882.5 | 4.90 | < 13 |
| | 3 MHz | 1882.5 | 4.69 | < 13 |
| | 5 MHz | 1882.5 | 4.78 | < 13 |
| | 10 MHz | 1882.5 | 4.85 | < 13 |
| | 15 MHz | 1882.5 | 4.84 | < 13 |
| | 20 MHz | 1882.5 | 4.90 | < 13 |

| LTE Band 26_Part 90S | | | | |
|----------------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 1.4 MHz | 819.0 | 4.33 | < 13 |
| | 3 MHz | 819.0 | 4.12 | < 13 |
| | 5 MHz | 819.0 | 4.04 | < 13 |
| | 10 MHz | 819.0 | 4.02 | < 13 |
| 16QAM | 1.4 MHz | 819.0 | 5.28 | < 13 |
| | 3 MHz | 819.0 | 4.95 | < 13 |
| | 5 MHz | 819.0 | 4.91 | < 13 |
| | 10 MHz | 819.0 | 4.81 | < 13 |

| LTE Band 26_Part 22H | | | | |
|----------------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 1.4 MHz | 831.5 | 4.40 | < 13 |
| | 3 MHz | 831.5 | 4.25 | < 13 |
| | 5 MHz | 831.5 | 4.27 | < 13 |
| | 10 MHz | 831.5 | 4.30 | < 13 |
| | 15 MHz | 831.5 | 4.10 | < 13 |
| 16QAM | 1.4 MHz | 831.5 | 5.31 | < 13 |
| | 3 MHz | 831.5 | 5.08 | < 13 |
| | 5 MHz | 831.5 | 5.19 | < 13 |
| | 10 MHz | 831.5 | 5.12 | < 13 |
| | 15 MHz | 831.5 | 4.92 | < 13 |

| LTE Band 41 | | | | |
|-------------|-------------------|-----------------|----------------------------|------------|
| Modulation | Channel Bandwidth | Frequency (MHz) | Peak to Average Ratio (dB) | Limit (dB) |
| QPSK | 5 MHz | 2593.0 | 5.25 | < 13 |
| | 10 MHz | 2593.0 | 5.50 | < 13 |
| | 15 MHz | 2593.0 | 5.19 | < 13 |
| | 20 MHz | 2593.0 | 5.35 | < 13 |
| 16QAM | 5 MHz | 2593.0 | 6.04 | < 13 |
| | 10 MHz | 2593.0 | 6.16 | < 13 |
| | 15 MHz | 2593.0 | 6.05 | < 13 |
| | 20 MHz | 2593.0 | 6.06 | < 13 |

6.7. Test Graphs

