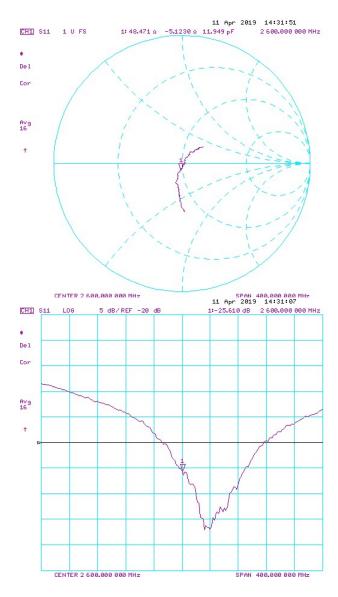
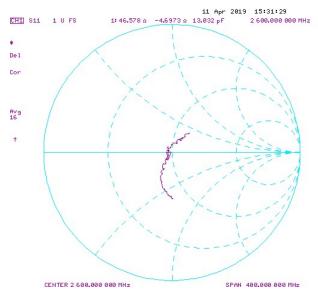
Impedance & Return-Loss Measurement Plot for Head TSL



Impedance & Return-Loss Measurement Plot for Body TSL





Calibration Laboratory of

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





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Accreditation No.: SCS 0108

Certificate No: EX3-3589_Jan19

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Client

Object

PC Test

CALIBRATION CERTIFICATE

EX3DV4 - SN:3589

Calibration procedure(s)

QA CAL-01.v9, QA CAL-14.v5, QA CAL-23.v5, QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

79-16-2219

Calibration date:

January 25, 2019

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 \pm 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Certificate No: EX3-3589_Jan19

| Primary Standards | ID | Cal Date (Certificate No.) | Scheduled Calibration |
|----------------------------|------------------|-----------------------------------|------------------------|
| Power meter NRP | SN: 104778 | 04-Apr-18 (No. 217-02672/02673) | Apr-19 |
| Power sensor NRP-Z91 | SN: 103244 | 04-Арг-18 (No. 217-02672) | Apr-19 |
| Power sensor NRP-Z91 | SN: 103245 | 04-Apr-18 (No. 217-02673) | Apr-19 |
| Reference 20 dB Attenuator | SN: S5277 (20x) | 04-Apr-18 (No. 217-02682) | Арг-19 |
| DAE4 | SN: 660 | 19-Dec-18 (No. DAE4-660_Dec18) | Dec-19 |
| Reference Probe ES3DV2 | SN: 3013 | 31-Dec-18 (No. ES3-3013_Dec18) | Dec-19 |
| Secondary Standards | ID | Check Date (in house) | Scheduled Check |
| Power meter E4419B | SN: GB41293874 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| Power sensor E4412A | SN: MY41498087 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| Power sensor E4412A | SN: 000110210 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| RF generator HP 8648C | SN: US3642U01700 | 04-Aug-99 (in house check Jun-18) | In house check: Jun-20 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-18) | In house check: Oct-19 |

Name Function Signature

Calibrated by: Jeton Kastrati Laboratory Technician

Approved by: Katja Pokovic Technical Manager

Issued: January 29, 2019

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Calibration Laboratory of

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





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Glossary:

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF DCP

sensitivity in TSL / NORMx,y,z diode compression point

CF A, B, C, D crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

Polarization φ

φ rotation around probe axis

Polarization 9

9 rotation around an axis that is in the plane normal to probe axis (at measurement center),

i.e., $\vartheta = 0$ is normal to probe axis

Connector Angle

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information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010

d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

 NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).

NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is
implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included
in the stated uncertainty of ConvF.

DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.

 PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics

 Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.

• ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.

• Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.

 Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.

Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

January 25, 2019 EX3DV4 - SN:3589

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3589

Basic Calibration Parameters

| Dasic Calibration Laran | TICCOTO | | A | Unc (k=2) |
|--|----------|----------|----------|-----------|
| | Sensor X | Sensor Y | Sensor Z | Unc (K-Z) |
| Norm (μV/(V/m) ²) ^A | 0.44 | 0.40 | 0.39 | ± 10.1 % |
| DCP (mV) ^B | 104.1 | 102.3 | 101.6 | |

alibration Posults for Modulation Response

| UID | ion Results for Modulation Communication System Name | | A dB | B dB√μV | С | D dB | VR mV | Max dev. | Max Unc ^E (k=2) |
|--------|--|---|---------|------------|-------|----------|----------|-------------|----------------------------------|
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 161.0 | ± 2.2 % | ± 4.7 % |
| U | 044 | Y | 0.00 | 0.00 | 1.00 | | 172.8 | | |
| | | Z | 0.00 | 0.00 | 1.00 | | 161.9 | | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 15.00 | 89.05 | 22.73 | 10.00 | 60.0 | ± 1.8 % | ± 9.6 % |
| AAA | l dioo vidvoisiii (assi iii) | Y | 15.00 | 87.03 | 21.09 | | 60.0 | | |
| | | Z | 15.00 | 88.89 | 22.24 | | 60.0 | | |
| 10353- | Pulse Waveform (200Hz, 20%) | X | 15.00 | 89.55 | 21.62 | 6.99 | 80.0 | ± 0.9 % | ± 9.6 % |
| AAA | (====,===, | Υ | 15.00 | 87.28 | 19.70 | | 80.0 | | |
| | | Z | 15.00 | 89.25 | 21.07 | | 80.0 | | |
| 10354- | Pulse Waveform (200Hz, 40%) | X | 15.00 | 91.62 | 21.02 | 3.98 | 95.0 | ± 0.9 % | ± 9.6 % |
| AAA | , , , , | Y | 15.00 | 87.00 | 17.73 | | 95.0 | | |
| | | Z | 15.00 | 91.02 | 20.33 | | 95.0 | | |
| 10355- | Pulse Waveform (200Hz, 60%) | X | 15.00 | 97.72 | 22.56 | 2.22 | 120.0 | ± 1.3 % | ± 9.6 % |
| AAA | , | Y | 15.00 | 85.70 | 15.52 | | 120.0 | <u> </u> | 1 |
| | | Z | 15.00 | 94.39 | 20.55 | | 120.0 | | |
| 10387- | QPSK Waveform, 1 MHz | X | 0.93 | 64.13 | 11.59 | 0.00 | 150.0 | ± 3.0 % | ± 9.6 % |
| AAA | , | Y | 0.57 | 60.00 | 7.45 | | 150.0 | | |
| | | Z | 0.83 | 63.49 | 10.36 | | 150.0 | | |
| 10388- | QPSK Waveform, 10 MHz | X | 2.36 | 68.76 | 16.09 | 0.00 | 150.0 | ± 1.5 % | ± 9.6 % |
| AAA | | Y | 1.95 | 66.09 | 14.43 | <u> </u> | 150.0 | 1 | |
| | | Z | 2.37 | 69.14 | 16.27 | | 150.0 | ļ | |
| 10396- | 64-QAM Waveform, 100 kHz | X | 3.76 | 72.95 | 19.72 | 3.01 | 150.0 | ± 0.7 % | ± 9.6 % |
| AAA | | Y | 3.11 | 69.51 | 18.06 | | 150.0 | 1 | ļ |
| | | Z | 4.24 | 75.35 | 20.59 | | 150.0 | | |
| 10399- | 64-QAM Waveform, 40 MHz | X | 3.57 | 67.40 | 15.92 | 0.00 | 150.0 | ± 2.7 % | ± 9.6 % |
| AAA | | Υ | 3.33 | 66.26 | 15.18 | _] | 150.0 | 1 | 1 |
| | | Z | 3.47 | 67.09 | 15.77 | | 150.0 | <u> </u> | 1.000 |
| 10414- | WLAN CCDF, 64-QAM, 40MHz | Х | 4.95 | 65.72 | 15.56 | 0.00 | 150.0 | ± 4.8 % | ± 9.6 % |
| AAA | · | Υ | 4.74 | 65.16 | 15.23 | _ | 150.0 | - | |
| | <u> </u> | Z | 4.81 | 65.57 | 15.48 | | 150.0 | 1 | |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

⁸ Numerical linearization parameter: uncertainty not required.

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[^] The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:3589

Sensor Model Parameters

| 5113 0 1 1 | C1 fF | C2 fF | α V ⁻¹ | T1 ms.V ⁻² | T2 ms.V ⁻¹ | T3 ms | T4 V ⁻² | T5 V⁻¹ | Т6 |
|-------------------|----------|----------|----------------------|--------------------------|--------------------------|----------|-----------------------|-----------|------|
| Y | 55.3 | 407.97 | 34.85 | 27.50 | 1.34 | 5.10 | 1.23 | 0.50 | 1.01 |
| ~~~ | 46.7 | 357.99 | 37.12 | 21.71 | 1.59 | 5.07 | 0.00 | 0.73 | 1.01 |
| | 46.1 | 339.04 | 34.64 | 23.94 | 1.27 | 5.07 | 1.73 | 0.40 | 1.01 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle (°) | -30.3 |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disabled |
| Probe Overall Length | 337 mm |
| Probe Body Diameter | 10 mm |
| Tip Length | 9 mm |
| Tip Diameter | 2.5 mm |
| Probe Tip to Sensor X Calibration Point | 1 mm |
| Probe Tip to Sensor Y Calibration Point | 1 mm |
| Probe Tip to Sensor Z Calibration Point | 1 mm |
| Recommended Measurement Distance from Surface | 1.4 mm |

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3589

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity (S/m) F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|----------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 750 | 41.9 | 0.89 | 8.67 | 8.67 | 8.67 | 0.70 | 0.80 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 8.39 | 8.39 | 8.39 | 0.63 | 0.81 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 7.31 | 7.31 | 7.31 | 0.40 | 0.80 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 7.08 | 7.08 | 7.08 | 0.39 | 0.80 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 6.77 | 6.77 | 6.77 | 0.31 | 0.85 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 6.46 | 6.46 | 6.46 | 0.30 | 0.85 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 6.25 | 6.25 | 6.25 | 0.40 | 0.83 | ± 12.0 % |
| 3500 | 37.9 | 2.91 | 6.16 | 6.16 | 6.16 | 0.26 | 1.20 | ± 13.1 % |
| 3700 | 37.7 | 3.12 | 6.02 | 6.02 | 6.02 | 0.26 | 1.20 | ± 13.1 % |

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target issue parameters.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:3589

Calibration Parameter Determined in Body Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|--------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 750 | 55.5 | 0.96 | 8.34 | 8.34 | 8.34 | 0.42 | 0.84 | ± 12.0 % |
| 835 | 55.2 | 0.97 | 8.29 | 8.29 | 8.29 | 0.41 | 0.84 | ± 12.0 % |
| 1750 | 53.4 | 1.49 | 6.82 | 6.82 | 6.82 | 0.43 | 0.80 | ± 12.0 % |
| 1900 | 53.3 | 1.52 | 6.75 | 6.75 | 6.75 | 0.35 | 0.85 | ± 12.0 % |
| 2300 | 52.9 | 1.81 | 6.71 | 6.71 | 6.71 | 0.36 | 0.87 | ± 12.0 % |
| 2450 | 52.7 | 1.95 | 6.66 | 6.66 | 6.66 | 0.34 | 0.88 | ± 12.0 % |
| 2600 | 52.5 | 2.16 | 6.47 | 6.47 | 6.47 | 0.28 | 0.95 | ± 12.0 % |
| 3500 | 51.3 | 3.31 | 6.21 | 6.21 | 6.21 | 0.25 | 1.25 | ± 13.1 % |
| 3700 | 51.0 | 3.55 | 6.13 | 6.13 | 6.13 | 0.20 | 1.25 | ± 13.1 % |

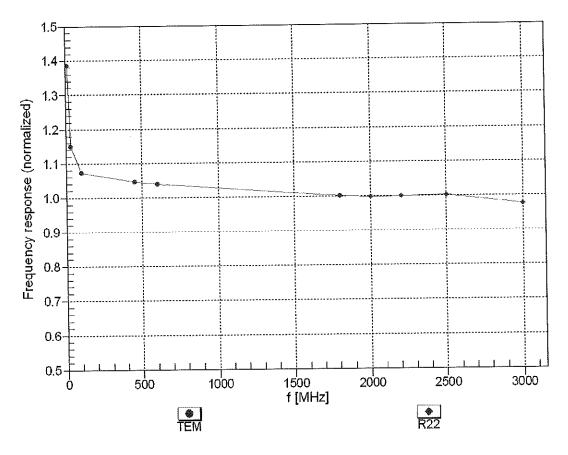
^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to \pm 110 MHz. frequencies below 3 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to \pm 10% if liquid compensation formula is applied to

measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of

the ConvF uncertainty for indicated target tissue parameters.

Galpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

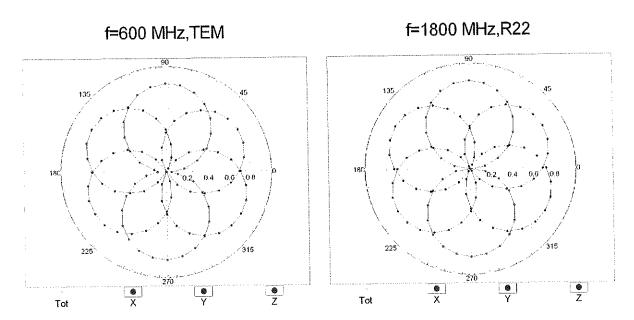
Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

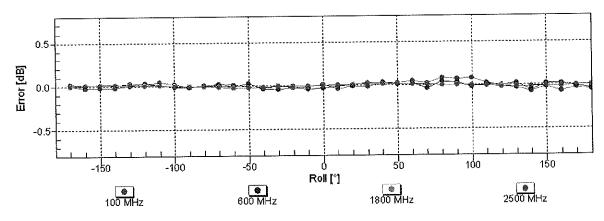


Uncertainty of Frequency Response of E-field: \pm 6.3% (k=2)

January 25, 2019

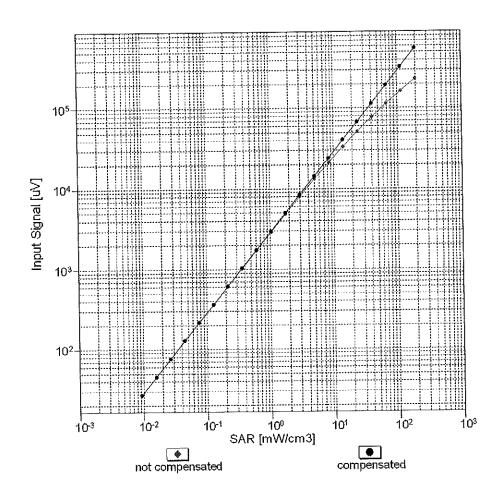
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

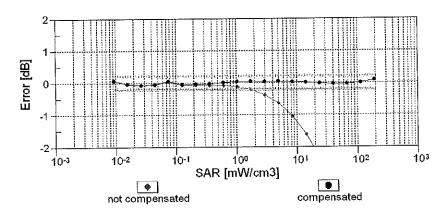




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

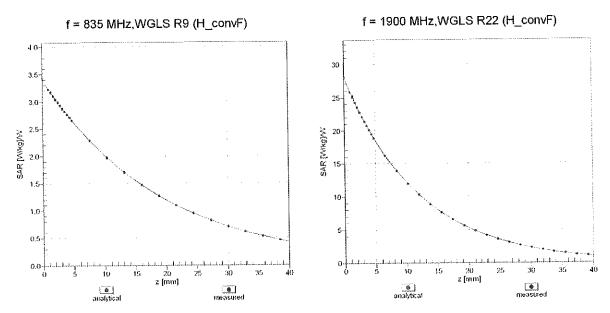
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



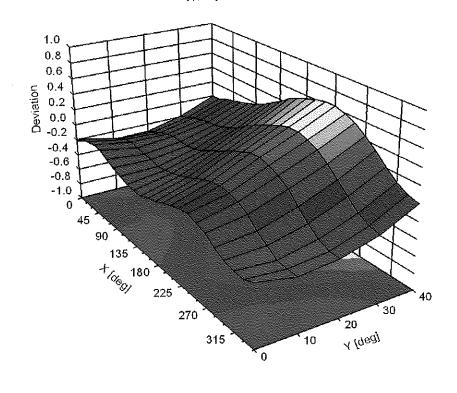


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ , θ), f = 900 MHz



Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR | Unc ^E |
|----------------|------------|---|--------------|---------------|--------------------|
| 0 | 1 | CW | CW | (dB) | (k=2) |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 0.00 10.00 | ± 4.7 % ± 9.6 % |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ±9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ±9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ±9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ±9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ± 9.6 % |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9.55 | ± 9.6 % |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ±9.6 % |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 3.55 | ± 9.6 % |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | GSM | 7.78 | ± 9.6 % |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) | Bluetooth | 5.30 | ± 9.6 % |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3) | Bluetooth | 1.87 | ± 9.6 % |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | Bluetooth | 1.16 | ±9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ±9.6 % |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | Bluetooth | 4.53 | ±96% |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ± 9.6 % |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ± 9.6 % |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ± 9.6 % |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ±96% |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ±9.6% |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ±9.6% |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ±9.6% |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ±9.6% |
| 10049 10056 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ±9.6% |
| 10058 | DAC | UMTS-TDD (TD-SCDMA, 1.28 Mcps) EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | TD-SCDMA | 11.01 | ±9.6% |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) | GSM WLAN | 6.52 2.12 | ±9.6% ±9.6% |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.12 | ±9.6 % |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 3.3 Mbps) | WLAN | 3.60 | ± 9.6 % |
| 10062 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ± 9.6 % |
| 10063 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ± 9.6 % |
| 10064 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 % |
| 10065 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ± 9.6 % |
| 10066 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | WLAN | 9.38 | ± 9.6 % |
| 10067 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) | WLAN | 10.12 | ± 9.6 % |
| 10068 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.24 | ± 9.6 % |
| 10069 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 % |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.62 | ± 9.6 % |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ± 9.6 % |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ±9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10090 10097 | DAC CAB | GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) | GSM WCDMA | 6.56 | ±9.6% |
| 10097 | CAB | UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 3.98 | ± 9.6 % ± 9.6 % |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ±9.6 % |
| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 % |
| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10103 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.01 | ± 9.6 % |
| 10100 | | | | | |

| 40400 | 040 | LITE EDD (CO EDMA 4000/ ED 40 MU- 46 OAM) | LTE-FDD | 6.43 | ± 9.6 % |
|----------------|-----|--|--------------------|---------------|--------------------|
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.44 | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.59 | ± 9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ±9.6 % |
| 10113 | CAC | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10115 | CAC | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | WLAN | 8.46 | ± 9.6 % |
| 10116 | CAC | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN | 8.15 | ± 9.6 % |
| 10117 | CAC | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ± 9.6 % |
| 10118 | CAC | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ± 9.6 % |
| 10119 | CAC | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | ±9.6% |
| 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | ±9.6% |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6,53 | ± 9.6 % |
| 10142 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10143 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.35 | ± 9.6 % |
| 10144 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ± 9.6 % |
| 10145 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.76 | ± 9.6 % |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.41 | ± 9.6 % |
| 10147 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.72 | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10151 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TDD | 9.28 | ± 9.6 % |
| 10152 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.92 10.05 | ± 9.6 % ± 9.6 % |
| 10153 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 5.75 | ± 9.6 % |
| 10154 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10155 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 5.79 | ± 9.6 % |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QFSR) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10157 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ± 9.6 % |
| 10160 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 5.82 | ± 9.6 % |
| 10161 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10162 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ± 9.6 % |
| 10166 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.46 | ± 9.6 % |
| 10167 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.21 | ± 9.6 % |
| 10168 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.79 | ± 9.6 % |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6% |
| 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6 % |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10174 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10175 | | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10176 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10177 | CAI | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6% |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FDD | 6.52 6.50 | ± 9.6 % ± 9.6 % |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-FDD LTE-FDD | 6.50 | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10181 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QFSK) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10183 | CAE | LTE-FDD (SC-FDMA, 1 RB, 13 MHz, 04-QAM) | LTE-FDD | 5.73 | ± 9.6 % |
| 10184 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ± 9.6 % |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5,73 | ± 9.6 % |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10189 | AAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10193 | CAC | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | 8.09 | ±9.6% |
| 10194 | CAC | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ± 9.6 % |
| 10195 | CAC | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN | 8.21 | ± 9.6 % |
| 10196 | CAC | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10197 | CAC | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10198 | CAC | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10219 | CAC | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 % |
| · | | | | | |

| 10220 | CAC | IEEE 902 44p /UT Mixed 42 0 Mb - 42 CALD | T | 1 _ : | |
|----------------|------------|---|--------------------|---------------|--------------------|
| 10220 | CAC | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10222 | CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.27 | ±9.6% |
| 10223 | CAC | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | WLAN WLAN | 8.06 | ± 9.6 % |
| 10224 | CAC | IEEE 802.11n (HT Mixed, 50 Mbps, 64-QAM) | WLAN | 8.48 8.08 | ± 9.6 % ± 9.6 % |
| 10225 | CAB | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ± 9.6 % |
| 10226 | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ± 9.6 % |
| 10227 | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ± 9.6 % |
| 10228 | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ± 9.6 % |
| 10229 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10230 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6% |
| 10231 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ± 9.6 % |
| 10232 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10233 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6% |
| 10234 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10235 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6% |
| 10236 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6% |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6% |
| 10239 | CAF CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAA | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.21 | ±9.6% |
| 10241 | CAA | | LTE-TDD | 9.82 | ± 9.6 % |
| 10242 | CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.86 | ±9.6 % |
| 10244 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD LTE-TDD | 9.46 10.06 | ±9.6 % ±9.6 % |
| 10245 | CAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-TDD | 10.06 | ±9.6 % ±9.6 % |
| 10246 | CAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ±9.6 % |
| 10247 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.91 | ± 9.6 % |
| 10248 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10250 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.81 | ± 9.6 % |
| 10251 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.17 | ± 9.6 % |
| 10252 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ±9.6% |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ±9.6% |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 % |
| 10256 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ± 9.6 % |
| 10257 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ±9.6 % |
| 10258 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ± 9.6 % |
| 10259 10260 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ± 9.6 % |
| 10260 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10261 | | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.24 | ± 9.6 % |
| 10263 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 9.83 | ± 9.6 % |
| 10264 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 10.16 | ±9.6% |
| 10265 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QFSK) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD LTE-TDD | 9.23 9.92 | ± 9.6 % ± 9.6 % |
| 10266 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | ± 9.6 % |
| 10267 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ± 9.6 % |
| 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11.81 | ± 9.6 % |
| 10279 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | PHS | 12.18 | ± 9.6 % |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ±9.6% |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ± 9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ±9.6% |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | ±9.6 % |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 12.49 | ±9.6 % |
| 10297 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 % |
| 10298 10299 | AAD AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.72 | ±9.6 % |
| 10233 | レンイト | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ±9.6 % |

| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
|----------------|------------|--|--------------------|--------------|--------------------|
| 10301 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL | WiMAX | 12.57 | ± 9.6 % |
| | | symbols) | | | |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ±9.6% |
| 10304 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 | WiMAX | 15.24 | ± 9.6 % |
| | | symbols) | 1000000 | 44.67 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 | WiMAX | 14.67 | ± 9.0 % |
| | | symbols) | WiMAX | 14.49 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 | VVIIVIAA | 14,40 | 2 3.0 70 |
| 10308 | AAA | symbols) IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 | WiMAX | 14.58 | ± 9.6 % |
| 10000 | 7001 | symbols) | | | |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 | WiMAX | 14.57 | ± 9.6 % |
| , , | | symbols) | | | |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ± 9.6 % |
| 10313 | AAA | IDEN 1:3 | iDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | IDEN 1:6 | IDEN | 13.48 | ±9.6% |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAC | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ±9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 3.98 | ± 9.6 % ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic Generic | 2.22 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 0.97 | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 5.10 | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.22 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10399 10400 | AAA AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.37 | ± 9.6 % |
| 10400 | AAD | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10401 | AAD | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.53 | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9, Subframe Conf=4) | | 0.54 | |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ± 9.6 % ± 9.6 % |
| 10417 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | WLAN WLAN | 8.23 8.14 | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, | VEAIN | 0.14 | 1 3.0 % |
| 40440 | 000 | Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, | WLAN | 8.19 | ± 9.6 % |
| 10419 | AAA | Short preambule) | | 5.70 | |
| 10422 | AAB | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10422 | AAB | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ±9.6 % |
| 10423 | AAB | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ± 9.6 % |
| 10424 | AAB | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ±9.6% |
| 10426 | AAB | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ±9.6 % |
| 10427 | AAB | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8.41 | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FDD | 8.38 | ± 9.6 % |
| 10432 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10434 | AAA | W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 % |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | (TE EDD | 7.50 | ± 9.6 % |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 7.53 | ± 9.6 % |
| 10448 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) | LTE-FDD | 7.53 | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) | LTE-FDD | 7.48 | ± 9.6 % |
| 10450 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | L L L L L D D | 1.70 | 1 = 0.0 /0 |

| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ± 9.6 % |
|-------|-----|--|----------|------|---------|
| 10456 | AAB | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10462 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.30 | ± 9.6 % |
| 10463 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.56 | ± 9.6 % |
| 10464 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ±9.6 % |
| 10465 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10466 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10467 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10468 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10469 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.56 | ± 9.6 % |
| 10470 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 7.82 | ± 9.6 % |
| 10471 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10472 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10479 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10480 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.18 | ± 9.6 % |
| 10481 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2.3,4,7,8,9) | LTE-TDD | 8.45 | ±9.6% |
| 10482 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.71 | ± 9.6 % |
| 10483 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.39 | ± 9.6 % |
| 10484 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.47 | ± 9.6 % |
| 10485 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.59 | ± 9.6 % |
| 10486 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.38 | ± 9.6 % |
| 10487 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.60 | ± 9.6 % |
| 10488 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.70 | ± 9.6 % |
| 10489 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.31 | ±9.6 % |
| 10490 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.54 | ± 9.6 % |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |

| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL | LTE-TDD | 8.41 | ± 9.6 % |
|----------------|-------------------|---|--------------|--------------|----------|
| 10493 | AAE | Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL | LTE-TDD | 8.55 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL | LTE-TDD | 8.37 | ± 9.6 % |
| 10433 | 744 | Subframe=2,3,4,7,8,9) | | 5.51 | 20.270 |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL | LTE-TDD | 8.54 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | LTE-TDD | 7.67 | ± 9.6 % |
| 10497 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LIE-IDD | 10.1 | I 9.0 % |
| 10498 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL | LTE-TDD | 8.40 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10499 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAB | Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL | LTE-TDD | 7.67 | ±9.6 % |
| 10000 | 1,0,0 | Subframe=2,3,4,7,8,9) | | | |
| 10501 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL | LTE-TDD | 8.44 | ± 9.6 % |
| 10500 | | Subframe=2,3,4,7,8,9) | LTE-TDD | 8.52 | ± 9.6 % |
| 10502 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LIE-IDD | 0.52 | ± 9.0 /6 |
| 10503 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL | LTE-TDD | 7.72 | ± 9.6 % |
| | | Subframe=2.3.4.7.8.9) | | | |
| 10504 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAE | Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL | LTE-TDD | 8.54 | ± 9.6 % |
| 10000 | | Subframe=2.3,4,7,8,9) | | | |
| 10506 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL | LTE-TDD | 7.74 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | LTE TOD | 8.36 | ± 9.6 % |
| 10507 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 0.30 | 19.076 |
| 10508 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL | LTE-TDD | 8.55 | ± 9.6 % |
| | | Subframe=2.3.4.7.8.9) | | | 2.004 |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAE | Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL | LTE-TDD | 8.49 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL | LTE-TDD | 7.74 | ± 9.6 % |
| 10512 | AAF | Subframe=2,3,4,7,8,9) | | 1 | 20.0 /0 |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL | LTE-TDD | 8.42 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | LTC TOD | 0.45 | 1000 |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle) | WLAN | 1.58 | ± 9.6 % |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |
| 10520 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) | WLAN | 8.12 | ± 9.6 % |
| 10521 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) | WLAN | 7.97 | ± 9.6 % |
| 10522 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10523 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) | WLAN | 8.08 | ± 9.6 % |
| 10524 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) | WLAN | 8.27 | ± 9.6 % |
| 10525 | AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10526 | AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) | WLAN | 8.21 | ± 9.6 % |
| | AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10528 | | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10528 10529 | LAAB | | | | 1 4060/ |
| 10529 | AAB AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle) | WLAN | 8.43 | ± 9.6 % |
| 10529 10531 | AAB AAB AAB | IEEE 802,11ac WiFi (20MHz, MCS6, 99pc duty cycle) | WLAN WLAN | 8.43 8.29 | ± 9.6 % |
| 10529 | AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle) | | | |

| r | T | | | | |
|-------|-----------|---|---|------|------------|
| 10535 | AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAB | IEEE 802.11ac WiFl (40MHz, MCS2, 99pc duty cycle) | WLAN | 8.32 | ± 9.6 % |
| 10537 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle) | WLAN | | |
| 10538 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle) | | 8.44 | ± 9.6 % |
| 10540 | | TEEE 002.11ac WIFI (40MHz, NICS4, 99pc duty cycle) | WLAN | 8.54 | ± 9.6 % |
| | AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle) | WLAN | 8.46 | ±9.6% |
| 10542 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) | WLAN | | |
| 10544 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle) | | 8.65 | ± 9.6 % |
| 10545 | | | WLAN | 8.47 | ±9.6% |
| | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle) | WLAN | 8.55 | ±9.6% |
| 10546 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) | WLAN | 8.35 | ± 9.6 % |
| 10547 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle) | WLAN | 8.37 | |
| 10550 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) | | | ± 9.6 % |
| 10551 | | TEEE 002.1 fac WIFT (00WIFTZ, IVICSO, 99pc duty cycle) | WLAN | 8.38 | ±9.6% |
| | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle) | WLAN | 8.50 | ±9.6% |
| 10552 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) | | ~~~ | |
| | | IEEE 002.1 fac WiFi (100WiFi2, WCS1, 99pc duty cycle) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.52 | ±9.6% |
| 10558 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) | | | |
| 10562 | | IFFE 000.11-ac WIFI (100MFIZ, WCS7, 99pc duty cycle) | WLAN | 8.56 | ± 9.6 % |
| | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty | WLAN | 8.25 | ± 9.6 % |
| | | cycle) | 112.01 | 0.20 | 20.0 /0 |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty | WLAN | 0.45 | 1000 |
| 10000 | 7001 | | WLAN | 8.45 | ± 9.6 % |
| 40500 | | cycle) | | | |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty | WLAN | 8.13 | ± 9.6 % |
| | | cycle) | | | |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty | WLAN | 8.00 | ±9.6 % |
| | | cycle) | 776711 | 0.00 | 20.0 % |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty | 10/1 0 0 1 | 0.07 | + |
| 10000 | 777 | | WLAN | 8.37 | ±9.6% |
| | | cycle) | | | |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty | WLAN | 8.10 | ± 9.6 % |
| l | | cycle) | | | |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty | WLAN | 8.30 | ± 9.6 % |
| | | cycle) | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 0.00 | 20.070 |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) | 10/1 001 | 4.00 | 1000 |
| | | TEEE 602.110 WIF1 2.4 GHZ (D355, 1 Mbps, 90pc duty cycle) | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle) | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty | WLAN | 8.59 | ± 9.6 % |
| | | cycle) | ***** | 0.00 | - 5.5 /6 |
| 10576 | AAA | | 10/1 0 5/ | 1000 | 1.000 |
| 10076 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty | WLAN | 8.60 | ± 9.6 % |
| | | cycle) | | | |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty | WLAN | 8.70 | ± 9.6 % |
| | | cycle) | | 1 | ļ |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty | WLAN | 8.49 | ± 9.6 % |
| , | 1.,,, | cycle) | 44 (2) (1) | 0.43 | 1 - 0.0 /0 |
| 10579 | A A A | | | + | |
| 105/9 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty | WLAN | 8.36 | ± 9.6 % |
| | | cycle) | | | <u> </u> |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty | WLAN | 8.76 | ± 9.6 % |
| | • | cycle) | | 1 | |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty | WLAN | 8.35 | ±9.6 % |
| 10001 | , , , , , | | AAFVIA | 0.30 | I I 3.0 % |
| 40500 | | cycle) | | | |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty | WLAN | 8.67 | ± 9.6 % |
| | | cycle) | | | |
| 10583 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAB | | | | |
| **** | · | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) | WLAN | 8.36 | ±9.6 % |
| | | | | | |

| 40500 | A A D | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
|----------------|------------|---|-------------------|--------|---------|
| 10588 10589 | AAB AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 36pc duty cycle) | WLAN | 8.35 | ± 9.6 % |
| | | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) | WLAN | 8.67 | ± 9.6 % |
| 10590 | AAB AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle) | WLAN | 8.63 | ± 9.6 % |
| 10591 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10592 10593 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10593 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle) | WLAN | 8.74 | ± 9.6 % |
| | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle) | WLAN | 8.74 | ±9.6% |
| 10595 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 30pc duty cycle) | WLAN | 8.71 | ±9.6% |
| 10596 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle) | WLAN | 8,72 | ±9.6% |
| 10597 | | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10598 10599 | AAB AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS), 30pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle) | WLAN | 8.88 | ± 9.6 % |
| 10600 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle) | WLAN | 8.82 | ±9.6% |
| 10601 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) | WLAN | 9.03 | ± 9.6 % |
| 10603 | | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
| 10604 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) | WLAN | 8.97 | ± 9.6 % |
| 10605 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 30pc duty cycle) | WLAN | 8,82 | ± 9.6 % |
| 10606 | AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10607 | AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10608 | AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle) | WLAN | 8.57 | ± 9.6 % |
| 10609 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle) | WLAN | 8.78 | ± 9.6 % |
| 10610 | AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10611 | AAB | | WLAN | 8.77 | ± 9.6 % |
| 10612 | AAB | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10613 | AAB | | WLAN | 8.59 | ± 9.6 % |
| 10614 | AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10615 | AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10616 | AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10617 | AAB | IEEE 802.11ac vviri (40/virz, MCS1, 90pc duty cycle) | WLAN | 8.58 | ± 9.6 % |
| 10618 | AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle) | WLAN | 8.86 | ± 9.6 % |
| 10619 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) | WLAN | 8.87 | ± 9.6 % |
| 10620 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10621 | AAB | IEEE 802.11ac WiFi (40MHz, MCSS, 90pc duty cycle) | WLAN | 8.68 | ± 9.6 % |
| 10622 | AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10623 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) | WLAN | 8.96 | ± 9.6 % |
| 10624 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) | WLAN | 8.96 | ± 9.6 % |
| 10625 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) | WLAN | 8.83 | ± 9.6 % |
| 10626 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle) | WLAN | 8.88 | ± 9.6 % |
| 10627 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 30pc duty cycle) | WLAN | 8.71 | ± 9.6 % |
| 10628 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 30pc duty cycle) | WLAN | 8.85 | ± 9.6 % |
| 10629 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 30pc duty cycle) | WLAN | 8.72 | ± 9.6 % |
| 10630 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 30pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10631 | AAB | IEEE 802.11ac WIFI (80MHz, MCS6, 90pc duty cycle) | WLAN | 8.74 | ± 9.6 % |
| 10632 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) | WLAN | 8.83 | ± 9.6 % |
| 10633 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) | WLAN | 8.80 | ± 9.6 % |
| 10634 | AAB | IEEE 802.11ac WiFi (80MHz, MCSs, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10635 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) | WLAN | 8.83 | ± 9.6 % |
| 10636 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 30pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10637 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 30pc duty cycle) | WLAN | 8.86 | ± 9.6 % |
| 10638 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 30pc duty cycle) | WLAN | 8.85 | ± 9.6 % |
| 10639 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) | WLAN | 8.98 | ± 9.6 % |
| 10640 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) | WLAN | 9.06 | ± 9.6 % |
| 10641 | AAC | IEEE 802.11ac WIFI (160MHz, MCS6, 90pc duty cycle) | WLAN | 9.06 | ± 9.6 % |
| 10642 | AAC | IEEE 802.11ac WIFI (160MHz, MCS6, 90pc duty cycle) | WLAN | 8.89 | ± 9.6 % |
| 10643 | AAC | IEEE 802.11ac WIFI (160MHz, MCS7, 90pc duty cycle) | WLAN | 9.05 | ± 9.6 % |
| 10644 | AAC | IEEE 802.11ac WIFI (160MHz, MCS6, 90pc duty cycle) | WLAN | 9.11 | ± 9.6 % |
| 10645 | AAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10646 | AAF | LIE-TUD (OU-FUNIA, LIND, O MILZ, QEON, UL OUDITATION (OU FUNIA LIDE OU MILZ ODEV. HIL Subframe-2.7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) | CDMA2000 | 3,45 | ± 9.6 % |
| 10648 | AAA | CDMA2000 (1x Advanced) | LTE-TDD | 6.91 | ± 9.6 % |
| 10652 | AAD | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.42 | ± 9.6 % |
| 10653 | AAD | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.96 | ± 9.6 % |
| 10654 | AAD | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | 1 - 1 - 1 - 1 - 1 | 1 0.00 | ,0 |

| 10655 | AAE | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | ± 9.6 % |
|-------|-----|---|-----------|-------|---------|
| 10658 | AAA | Pulse Waveform (200Hz, 10%) | Test | 10.00 | ±9.6 % |
| 10659 | AAA | Pulse Waveform (200Hz, 20%) | Test | 6.99 | ±9.6 % |
| 10660 | AAA | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ±9.6 % |
| 10661 | AAA | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ±9.6 % |
| 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2,19 | ± 9.6 % |

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Calibration Laboratory of

Schmid & Partner
Engineering AG
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Accreditation No.: SCS 0108

Client

PC Test

Certificate No: EX3-7406_May19

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7406

Calibration procedure(s)

QA CAL-01.v9, QA CAL-14.v5, QA CAL-23.v5, QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date:

May 16, 2019

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 \pm 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID | Cal Date (Certificate No.) | Scheduled Calibration |
|----------------------------|------------------|-----------------------------------|------------------------|
| Power meter NRP | SN: 104778 | 03-Apr-19 (No. 217-02892/02893) | Apr-20 |
| Power sensor NRP-Z91 | SN: 103244 | 03-Apr-19 (No. 217-02892) | Apr-20 |
| Power sensor NRP-Z91 | SN: 103245 | 03-Apr-19 (No. 217-02893) | Apr-20 |
| Reference 20 dB Attenuator | SN: S5277 (20x) | 04-Apr-19 (No. 217-02894) | Apr-20 |
| DAE4 | SN: 660 | 19-Dec-18 (No. DAE4-660_Dec18) | Dec-19 |
| Reference Probe ES3DV2 | SN: 3013 | 31-Dec-18 (No. ES3-3013_Dec18) | Dec-19 |
| Secondary Standards | ID | Check Date (in house) | Scheduled Check |
| Power meter E4419B | SN: GB41293874 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| Power sensor E4412A | SN: MY41498087 | 06-Apr-16 (in house check Jun-18) | In house check; Jun-20 |
| Power sensor E4412A | SN: 000110210 | 06-Apr-16 (in house check Jun-18) | In house check; Jun-20 |
| RF generator HP 8648C | SN: US3642U01700 | 04-Aug-99 (in house check Jun-18) | In house check: Jun-20 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-18) | In house check: Oct-19 |

Calibrated by:

Name

Function

Michael Weber

Laboratory Technician

Signature

Approved by:

Katja Pokovic

Technical Manager

Issued: May 16, 2019

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: EX3-7406_May19

Page 1 of 20

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S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF DCP sensitivity in TSL / NORMx,y,z diode compression point

CF A, B, C, D crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

Polarization φ

φ rotation around probe axis

Polarization 9

9 rotation around an axis that is in the plane normal to probe axis (at measurement center),

i.e., $\theta = 0$ is normal to probe axis

Connector Angle

information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- Techniques", June 2013
 b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 9 = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

EX3DV4 - SN:7406

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7406

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|-------------------------------|----------|----------|----------|-----------|
| Norm (μV/(V/m)²) ^A | 0.46 | 0.43 | 0.45 | ± 10.1 % |
| DCP (mV) ^B | 102.8 | 102.2 | 100.4 | |

Calibration Results for Modulation Response

| UID | Communication System Name | | A dB | B dBõV | С | D dB | VR mV | Max dev. | Max Unc ^E (k=2) |
|--------|----------------------------------|---|---------|-----------|-------|---------|----------|-------------|----------------------------------|
| 0 | CW | Х | 0.00 | 0.00 | 1.00 | 0.00 | 182.0 | ± 2.7 % | ± 4.7 % |
| | | Υ | 0.00 | 0.00 | 1.00 | 1 | 172.4 | 1 | |
| | | Z | 0.00 | 0.00 | 1.00 | | 174.6 | 1 | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 6.76 | 76.02 | 14.93 | 10.00 | 60.0 | ± 2.7 % | ± 9.6 % |
| AAA | | Y | 6.25 | 75.48 | 14.76 | | 60.0 | 1 | - 313 / |
| | | Z | 15.00 | 84.32 | 17.62 | | 60.0 | 1 | |
| 10353- | Pulse Waveform (200Hz, 20%) | Х | 15.00 | 85.05 | 16.36 | 6.99 | 80.0 | ± 1.9 % | ± 9.6 % |
| AAA | | Υ | 15.00 | 85.57 | 16.70 | | 80.0 | | |
| | | Z | 15.00 | 85.96 | 16.90 | | 80.0 | 1 | |
| 10354- | Pulse Waveform (200Hz, 40%) | Х | 15.00 | 83.48 | 13.87 | 3.98 | 95.0 | ± 1.3 % | ± 9.6 % |
| AAA | | Y | 15.00 | 88.48 | 16.53 | | 95.0 | | |
| | | Z | 15.00 | 85.80 | 15.05 | | 95.0 | 1 | |
| 10355- | Pulse Waveform (200Hz, 60%) | Х | 0.28 | 60.00 | 4.49 | 2.22 | 120.0 | ± 1.3 % | ± 9.6 % |
| AAA | | Υ | 15.00 | 95.23 | 18.20 | | 120.0 | | • |
| | | Z | 0.39 | 62.12 | 5.82 | | 120.0 | | |
| 10387- | QPSK Waveform, 1 MHz | X | 0.46 | 60.00 | 5.77 | 0.00 | 150.0 | ± 3.7 % | ± 9.6 % |
| AAA | | Υ | 14.25 | 443.18 | 61.66 | | 150.0 | | |
| | | Z | 0.48 | 60.00 | 6.06 | | 150.0 | | |
| 10388- | QPSK Waveform, 10 MHz | Х | 2.03 | 67.70 | 15.44 | 0.00 | 150.0 | ± 1.2 % | ± 9.6 % |
| AAA | | Υ | 2.30 | 72.35 | 18.27 | | 150.0 | | |
| | | Z | 2.07 | 67.89 | 15.68 | | 150.0 | | |
| 10396- | 64-QAM Waveform, 100 kHz | Х | 2.49 | 68.06 | 17.57 | 3.01 | 150.0 | ± 1.6 % | ± 9.6 % |
| AAA | | Y | 1.98 | 66.67 | 17.49 | | 150.0 | | |
| | | Z | 2.52 | 68,32 | 17.86 | | 150.0 | | |
| 10399- | 64-QAM Waveform, 40 MHz | Х | 3.39 | 67.06 | 15.71 | 0.00 | 150.0 | ± 2.2 % | ± 9.6 % |
| AAA | | Υ | 3.39 | 68.23 | 16.67 | | 150.0 | | |
| 4 | | Z | 3.40 | 67.01 | 15.79 | | 150.0 | | |
| 10414- | WLAN CCDF, 64-QAM, 40MHz | Х | 4.70 | 65.74 | 15.61 | 0.00 | 150.0 | ± 4.1 % | ± 9.6 % |
| AAA | | Y | 4.47 | 66.54 | 16.20 | | 150.0 | | |
| | details on LUD parameters and Am | Z | 4.70 | 65.63 | 15.63 | | 150.0 | | |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

B Numerical linearization parameter: uncertainty not required.

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7406

Sensor Model Parameters

| | C1 fF | C2 fF | α V ⁻¹ | T1 ms.V ⁻² | T2 ms.V ⁻¹ | T3 ms | T4 V ⁻² | T5 V ⁻¹ | Т6 |
|---|----------|----------|----------------------|--------------------------|--------------------------|----------|-----------------------|-----------------------|------|
| X | 34.8 | 265.14 | 36.82 | 6.17 | 0.37 | 5.06 | 0.00 | 0.44 | 1.01 |
| Y | 19.8 | 147.90 | 35.69 | 7.11 | 0.37 | 5.03 | 0.00 | 0.19 | 1.00 |
| Z | 35.4 | 271.85 | 37.42 | 5.60 | 0.38 | 5.06 | 0.15 | 0.41 | 1.01 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle (°) | 27.5 |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disabled |
| Probe Overall Length | 337 mm |
| Probe Body Diameter | 10 mm |
| Tip Length | 9 mm |
| Tip Diameter | 2.5 mm |
| Probe Tip to Sensor X Calibration Point | 1 mm |
| Probe Tip to Sensor Y Calibration Point | 1 mm |
| Probe Tip to Sensor Z Calibration Point | 1 mm |
| Recommended Measurement Distance from Surface | 1.4 mm |

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7406

Calibration Parameter Determined in Head Tissue Simulating Media

| | Relative | O = | | Jour Onn | | | | |
|----------------------|----------------|------------------------------------|---------|----------|---------|--------------------|----------------------------|--------------|
| f (MHz) ^c | Permittivity F | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
| 30 | 55.0 | 0.75 | 16.10 | 16.10 | 16.10 | 0.00 | 1.00 | ± 13.3 % |
| 750 | 41.9 | 0.89 | 10.26 | 10.26 | 10.26 | 0.44 | 0.93 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 9.78 | 9.78 | 9.78 | 0.44 | 0.91 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 8.57 | 8.57 | 8.57 | 0.39 | 0.80 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 8.18 | 8.18 | 8.18 | 0.39 | 0.80 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 8.06 | 8.06 | 8.06 | 0.33 | 0.87 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 7.67 | 7.67 | 7.67 | 0.37 | 0.87 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 7.44 | 7.44 | 7.44 | 0.40 | 0.88 | ± 12.0 % |
| 5250 | 35.9 | 4.71 | 5.54 | 5.54 | 5.54 | 0.40 | 1.80 | ± 13.1 % |
| 5600 | 35.5 | 5.07 | 4.94 | 4.94 | 4.94 | 0.40 | 1.80 | ± 13.1 % |
| 5750 | 35.4 | 5.22 | 5.23 | 5.23 | 5.23 | 0.40 | 1.80 | ± 13.1 % |

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ϵ and σ) is restricted to \pm 5%. The uncertainty is the RSS of

the ConvF uncertainty for indicated target tissue parameters.

Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7406

Calibration Parameter Determined in Body Tissue Simulating Media

| | | | | | • | | | |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| f (MHz) ^C | Relative Permittivity ^F | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
| 750 | 55.5 | 0.96 | 10.05 | 10.05 | 10.05 | 0.50 | 0.80 | ± 12.0 % |
| 835 | 55.2 | 0.97 | 9.78 | 9.78 | 9.78 | 0.40 | 0.93 | ± 12.0 % |
| 1750 | 53.4 | 1.49 | 8.13 | 8.13 | 8.13 | 0.43 | 0.80 | ± 12.0 % |
| 1900 | 53.3 | 1.52 | 7.95 | 7.95 | 7.95 | 0.38 | 0.85 | ± 12.0 % |
| 2300 | 52.9 | 1.81 | 7.76 | 7.76 | 7.76 | 0.44 | 0.85 | ± 12.0 % |
| 2450 | 52.7 | 1.95 | 7.54 | 7.54 | 7.54 | 0.37 | 0.88 | ± 12.0 % |
| 2600 | 52.5 | 2.16 | 7.47 | 7.47 | 7.47 | 0.25 | 1.05 | ± 12.0 % |
| 5250 | 48.9 | 5.36 | 5.08 | 5.08 | 5.08 | 0.50 | 1.90 | ± 13.1 % |
| 5600 | 48.5 | 5.77 | 4.37 | 4.37 | 4.37 | 0.50 | 1.90 | ± 13.1 % |
| 5750 | 48.3 | 5.94 | 4.53 | 4.53 | 4.53 | 0.50 | 1.90 | ± 13.1 % |

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

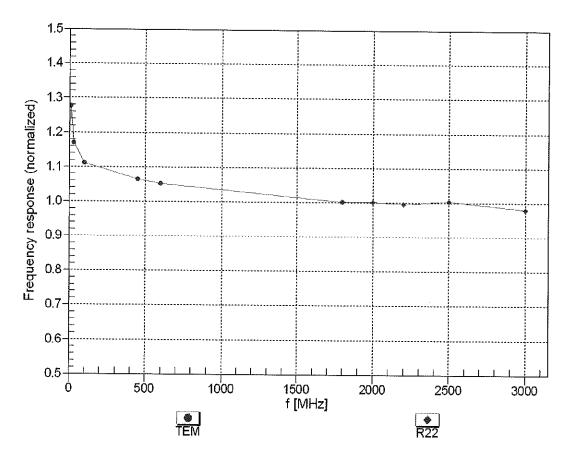
F At frequencies below 3 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to \pm 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ϵ and σ) is restricted to \pm 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

The salied SAR values. At requencies above 3 GHz, the values of tissue parameters to the ConvF uncertainty for indicated target tissue parameters.

⁶ Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide: R22)

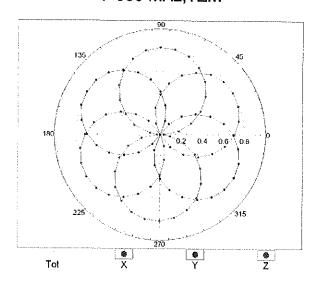


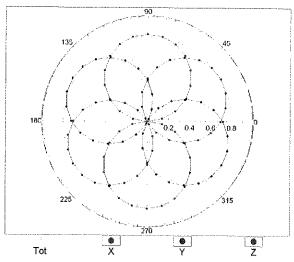
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

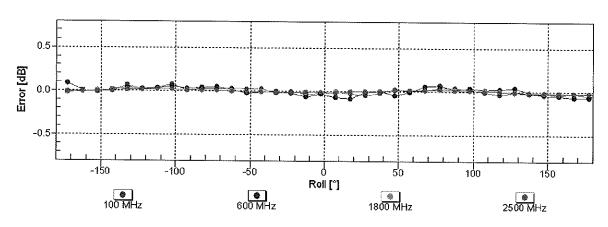
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

f=600 MHz,TEM

f=1800 MHz,R22

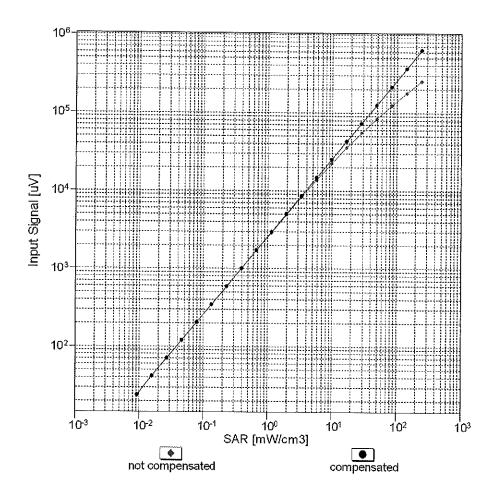


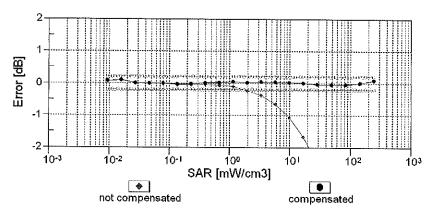




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

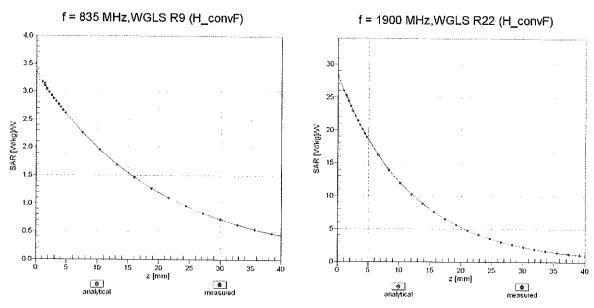
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



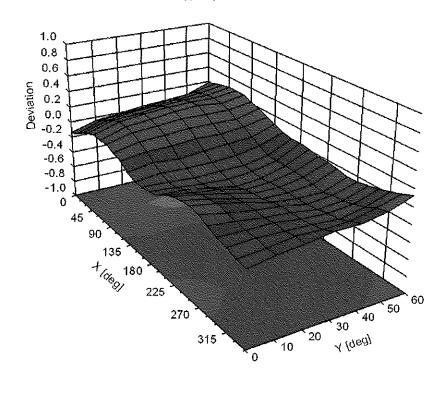


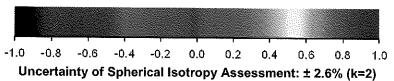
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ, θ) , f = 900 MHz





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Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR (dB) | Unc ^t (k=2) |
|----------------|---|--|--------------------|---------------|---------------------------|
| 0 | *************************************** | CW | CW | 0.00 | ±4.7 % |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 10.00 | ±9.6% |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ± 9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ± 9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ± 9.6 % |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9.55 | ± 9.6 % |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ± 9.6 % |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM GSM | 3.55 7.78 | ± 9.6 % ± 9.6 % |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | Bluetooth | 5.30 | ± 9.6 % |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) | Bluetooth | 1.87 | ± 9.6 % |
| 10031 | CAA | | Bluetooth | 1.16 | ± 9.6 % |
| 10032 10033 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ± 9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | Bluetooth | 4.53 | ± 9.6 % |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ± 9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ± 9.6 % |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ±9.6% |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ± 9.6 % |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ± 9.6 % |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ± 9.6 % |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ± 9.6 % |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ± 9.6 % |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ± 9.6 % |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | TD-SCDMA | 11.01 | ± 9.6 % |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | GSM | 6.52 | ± 9.6 % |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) | WLAN | 2.12 | ± 9.6 % |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.83 | ± 9.6 % |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) | WLAN | 3.60 | ± 9.6 % |
| 10062 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ± 9.6 % |
| 10063 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ± 9.6 % |
| 10064 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 % |
| 10065 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ± 9.6 % |
| 10066 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | WLAN WLAN | 9.38 10.12 | ± 9.6 % ± 9.6 % |
| 10067 10068 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.12 | ± 9.6 % |
| 10069 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 46 Mbps) | WLAN | 10.56 | ± 9.6 % |
| 10003 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.62 | ± 9.6 % |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ±9.6% |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ± 9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ± 9.6 % |
| 10097 | CAB | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ± 9.6 % |
| 10098 | CAB | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ± 9.6 % |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 % |
| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 % |
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10103 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TOD | 9.97 | ± 9.6 % |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD LTE-FDD | 10.01 5.80 | ± 9.6 % |
| 10108 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LIE"FUU | U.00 | 1 2 3.0 /0 |

| 40400 | T 040 | | , | | |
|-------|-------------|--|---------|--------|----------|
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.44 | ± 9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | | | |
| 10113 | | LTC-T DD (OC-TDIVIA, 100% RB, 10 WITZ, 04-QAIVI) | LTE-FDD | 6.59 | ± 9.6 % |
| | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10114 | CAC | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10115 | CAC | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | WLAN | 8.46 | ± 9.6 % |
| 10116 | CAC | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | | | |
| 10117 | | IEEE 002.1111 (111 Greenheid, 130 MDps, 04-QAM) | WLAN | 8.15 | ± 9.6 % |
| | CAC | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ± 9.6 % |
| 10118 | CAC | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ± 9.6 % |
| 10119 | CAC | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | ±9.6% |
| 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | | | ± 9.6 % |
| 10142 | | | LTE-FDD | 6.53 | ±9.6 % |
| · | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10143 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.35 | ± 9.6 % |
| 10144 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ± 9.6 % |
| 10145 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | | |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | | 5.76 | ± 9.6 % |
| | | LTC FDD (SC FDMA, 100% RB, 1.4 MHZ, 10-QAM) | LTE-FDD | 6.41 | ± 9.6 % |
| 10147 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.72 | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10151 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TDD | 9.28 | ± 9.6 % |
| 10152 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | | | |
| 10153 | CAG | LTE TOD (CO TOMA, 50% DD, 20 MH, CA CAMA) | LTE-TDD | 9.92 | ± 9.6 % |
| | | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.05 | ± 9.6 % |
| 10154 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10155 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-FDD | 5.79 | ± 9.6 % |
| 10157 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | | | |
| 10159 | CAG | LTE FDD (OC FDMA FOX FD TANK O4-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| | | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ± 9.6 % |
| 10160 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 5.82 | ±9.6% |
| 10161 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.43 | ±9.6% |
| 10162 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ± 9.6 % |
| 10166 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | | |
| 10167 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | | 5.46 | ± 9.6 % |
| 10168 | CAF | LTE FDD (OC FDMA, 50% RB, 1.4 WHZ, 10-QAW) | LTE-FDD | 6.21 | ± 9.6 % |
| | | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.79 | ± 9.6 % |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | | | |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TDD | 9.21 | ± 9.6 % |
| 10174 | | | LTE-TDD | 9.48 | ± 9.6 % |
| | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10175 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10176 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FDD | 6.52 | ±9.6 % |
| 10177 | CAI | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | | · | ±9.6 % |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10180 | CAG | TE EDD (CC EDMA 4 DD EAST 04 CASE | LTE-FDD | 6.50 | ± 9.6 % |
| | | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10181 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | | |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | | 5.73 | ± 9.6 % |
| 10186 | AAE | TTE EDD (SC EDMA 4 DD 0.341 - 04 0.44) | LTE-FDD | 6.51 | ± 9.6 % |
| | | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ±9.6% |
| 10189 | AAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10193 | CAC | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | | |
| 10194 | CAC | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | | 8.09 | ± 9.6 % |
| 10195 | CAC | IEEE 802 41n (HT Cronfield CC Mb 04 CAAN) | WLAN | 8.12 | ±9.6% |
| | | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN | 8.21 | ± 9.6 % |
| 10196 | CAC | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10197 | CAC | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10198 | CAC | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10219 | CAC | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 % |
| | | , -, -, -, -, | -47-184 | U.UU] | ± 3.0 70 |

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| | | | 144.611 | 0.40 | 1000 |
|----------------|------------|--|----------------------|---------------|--------------------|
| 10220 | CAC | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | WLAN WLAN | 8.13 8.27 | ± 9.6 % ± 9.6 % |
| 10221 | CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.06 | ± 9.6 % |
| 10222 | CAC | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) | WLAN | 8.48 | ± 9.6 % |
| 10223 10224 | CAC | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.08 | ± 9.6 % |
| 10224 | CAC CAB | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ± 9.6 % |
| 10225 | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ± 9.6 % |
| 10227 | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ± 9.6 % |
| 10228 | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ± 9.6 % |
| 10229 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10230 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10231 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ± 9.6 % |
| 10232 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6% |
| 10233 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10234 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10235 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10236 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10241 | CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE TOD | 9.82 | ± 9.6 % ± 9.6 % |
| 10242 | CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TOD | 9.86 9.46 | ± 9.6 % |
| 10243 | CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD LTE-TDD | 10.06 | ± 9.6 % |
| 10244 10245 | CAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10245 | CAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10246 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.91 | ± 9.6 % |
| 10248 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10250 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.81 | ± 9.6 % |
| 10251 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.17 | ± 9.6 % |
| 10252 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 % |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 % |
| 10256 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ± 9.6 % |
| 10257 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ± 9.6 % |
| 10258 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ± 9.6 % |
| 10259 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ± 9.6 % |
| 10260 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 9.24 | ± 9.6 % |
| 10261 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | | ± 9.6 % |
| 10262 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 10-QAM) | LTE-TDD | 10.16 | ± 9.6 % |
| 10263 10264 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-GAM) | LTE-TDD | 9.23 | ± 9.6 % |
| 10265 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10266 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | ± 9.6 % |
| 10267 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ± 9.6 % |
| 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11.81 | ± 9.6 % |
| 10279 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | PHS | 12.18 | ± 9.6 % |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ± 9.6 % |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ±9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ± 9.6 % |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 CDMA2000 | 3.50 12.49 | ± 9.6 % |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 % |
| 10297 10298 | AAD AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 6.39 | ± 9.6 % |
| 10299 | | LIL-1 DD (00-1 DIVIN, 00/0 ND, 0 WILL, 10-WAW) | 1 412 100 | _ 0.00 | 1 0.0 /0 |

| 10300 | AAD | LITE EDD (CC EDMA FOX DD ONLL OF CAME) | | | |
|--------|------------|---|--------------------|--------------|--------------------|
| 10300 | AAA | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10301 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols) | WiMAX | 12.57 | ± 9.6 % |
| 10303 | AAA | IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | 1868 1834 | | |
| 10304 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | WIMAX | 11.86 | ± 9.6 % |
| 10000 | 1,0,00 | symbols) | WiMAX | 15.24 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 | 10/2403/ | 11.07 | |
| | 700 | symbols) | WIMAX | 14.67 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 | 10(38.6.3) | 44.40 | |
| 10007 | 1,000 | symbols) | WIMAX | 14.49 | ± 9.6 % |
| 10308 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.46 | 1.0.0.0/ |
| 10309 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 | WIMAX | | ± 9.6 % |
| | ' ' | symbols) | AANANAV | 14.58 | ± 9.6 % |
| 10310 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 | WIMAX | 14.57 | ± 9.6 % |
| ſ | | symbols) | VATINITY. | 14.57 | I 9.0 % |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ± 9.6 % |
| 10313 | AAA | IDEN 1:3 | IDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | IDEN 1:6 | IDEN | 13.48 | ± 9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAC | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10400 | AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.37 | ± 9.6 % |
| 10401 | AAD | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAD | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.53 | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9, Subframe Conf=4) | | , , , , , , | _ 5,5 /5 |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
| 10415 | AAA_ | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ±9.6% |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, | WLAN | 8.14 | ± 9.6 % |
| 10440 | ^ ^ ^ | Long preambule) | | | |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, | WLAN | 8.19 | ±9.6% |
| 10422 | A A D | Short preambule) | ~ | | |
| 10422 | AAB | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10423 | AAB | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ±9.6% |
| 10424 | AAB AAB | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ±9.6 % |
| 10425 | AAB . | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ± 9.6 % |
| 10426 | | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ± 9.6 % |
| 10427 | AAB AAD | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8.41 | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % |
| 10431 | AAC | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FDD | 8.38 | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10434 | AAA | W-CDMA (BS Test Model 1, 64 DPCH) | LTE-FDD | 8.34 | ± 9.6 % |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL | WCDMA | 8.60 | ± 9.6 % |
| 10-100 | , vai | Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | I TE EDE | | |
| 10448 | AAD | LTE-FDD (OFDMA, 3 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |
| 10449 | | ETE TOD (OLDIVIA, TO WITZ, ETHY 3.1, CIIPPIN 44%) | LTE-FDD | 7.53 | ±9.6% |
| | AAC T | LTE-FDD (OFDMA 15 MHz F-TM 3.1 Clining 449/) | | | |
| 10450 | AAC AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD LTE-FDD | 7.51 7.48 | ± 9.6 % ± 9.6 % |

| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ±9.6% |
|-------|-----|---|----------|------|---------|
| 10456 | AAB | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ±9.6 % |
| 10462 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.30 | ± 9.6 % |
| 10463 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.56 | ± 9.6 % |
| 10464 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10465 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10466 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10467 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10468 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10469 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.56 | ± 9.6 % |
| 10470 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10471 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10472 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10479 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10480 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.18 | ± 9.6 % |
| 10481 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.45 | ± 9.6 % |
| 10482 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.71 | ± 9.6 % |
| 10483 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.39 | ± 9.6 % |
| 10484 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.47 | ± 9.6 % |
| 10485 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.59 | ± 9.6 % |
| 10486 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2.3.4.7.8.9) | LTE-TDD | 8.38 | ± 9.6 % |
| 10487 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.60 | ± 9.6 % |
| 10488 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.70 | ± 9.6 % |
| 10489 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.31 | ± 9.6 % |
| 10490 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.54 | ± 9.6 % |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |

| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.41 | ± 9.6 % |
|-------|-----|---|---------|------|----------|
| 10493 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.52 | ± 9.6 % |
| 10503 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle) | WLAN | 1.58 | ±9.6% |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) | WLAN | | |
| 10519 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) | | 8.23 | ±9.6% |
| 10520 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |
| 10521 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 16 Mibps, 99pc duty cycle) | WLAN | 8.12 | ± 9.6 % |
| 10527 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) | WLAN | 7.97 | ±9.6 % |
| 10523 | AAB | IEEE 802 110/h WIELS CHT (OFDM 40 MILES CO. 1 1 | WLAN | 8.45 | ±9.6% |
| 10524 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) | WLAN | 8.08 | ± 9.6 % |
| 10524 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) | WLAN | 8.27 | ± 9.6 % |
| 10525 | | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| | AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) | WLAN | 8.21 | ± 9.6 % |
| 10528 | AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10529 | AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10531 | AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle) | WLAN | 8.43 | ± 9.6 % |
| 10532 | AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ± 9.6 % |
| 10533 | AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle) | WLAN | 8.38 | ± 9.6 % |
| 10534 | AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| | | | | | _ 0.0 /0 |

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| 40505 | | IEEE 000 44 MEE: (40MH - MOO4, 00m duhy avala) | WLAN | 8.45 | ± 9.6 % |
|----------------|------------|---|---|------|----------|
| 10535 10536 | AAB AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle) | WLAN | 8.32 | ±9.6 % |
| 10537 | AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle) | WLAN | 8.44 | ± 9.6 % |
| 10537 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle) | WLAN | 8.54 | ± 9.6 % |
| 10536 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle) | WLAN | 8.46 | ±9.6 % |
| 10541 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) | WLAN | 8.47 | ±9.6 % |
| 10544 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle) | WLAN | 8.55 | ± 9.6 % |
| 10546 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) | WLAN | 8.35 | ± 9.6 % |
| 10547 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10547 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) | WLAN | 8.38 | ± 9.6 % |
| 10550 | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10552 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) | WLAN | 8.48 | ± 9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFt (160MHz, MCS1, 99pc duty cycle) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFt (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.52 | ± 9.6 % |
| 10557 | AAC | IEEE 802.11ac WiFt (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.61 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) | WLAN | 8.69 | ± 9.6 % |
| 10562 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| | | IEEE 802.11g WiFi (180MHz, MC39, 99pc duty cycle) | WLAN | 8.25 | ± 9.6 % |
| 10564 | AAA | cycle) | VVLAN | 0.25 | 2 0.0 70 |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty | WLAN | 8.45 | ± 9.6 % |
| 10505 | 1 ~~~ | cycle) | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 0.10 | 20.070 |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty | WLAN | 8.13 | ± 9.6 % |
| 10000 | 1,000 | cycle) | | | |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty | WLAN | 8.00 | ± 9.6 % |
| 10001 | ,,,,,, | cycle) | | | |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty | WLAN | 8.37 | ± 9.6 % |
| 10000 | ' ' ' ' | cycle) | | | |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty | WLAN | 8.10 | ± 9.6 % |
| | | cvcle) | | | |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty | WLAN | 8.30 | ± 9.6 % |
| | | cycle) | | | |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle) | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty | WLAN | 8.59 | ± 9.6 % |
| | | cycle) | | | |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty | WLAN | 8.60 | ± 9.6 % |
| | | cycle) | | | |
| 10577 | AAA | IÉEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty | WLAN | 8.70 | ± 9.6 % |
| | | cycle) | | | |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty | WLAN | 8.49 | ± 9.6 % |
| | | cycle) | | | |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty | WLAN | 8.36 | ± 9.6 % |
| | | cycle) | | _ | |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty | WLAN | 8.76 | ± 9.6 % |
| | | cycle) | | | 1.000 |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty | WLAN | 8.35 | ± 9.6 % |
| | | cycle) | 1,641,453 | | 1000 |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty | WLAN | 8.67 | ± 9.6 % |
| | | cycle) | | | 1.000 |
| 10583 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) | WLAN | 8.36 | ± 9.6 % |

| 10500 | T | | | | |
|-------|-----|--|-------------------|-------|---------|
| 10588 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) | WLAN | 8.35 | ±9.6% |
| 10590 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle) | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle) | WLAN | 8.79 | |
| 10593 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle) | WLAN | | ± 9.6 % |
| 10594 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle) | | 8.64 | ± 9.6 % |
| 10595 | AAB | IEEE 802.1111 (111 Mixed, 20MHz, MOSS, 90pc duty cycle) | WLAN | 8.74 | ± 9.6 % |
| 10596 | | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle) | WLAN | 8.74 | ±9.6 % |
| J | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle) | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle) | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle) | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle) | WLAN | | |
| 10605 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) | | 8.76 | ± 9.6 % |
| 10606 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle) | WLAN | 8.97 | ±9.6 % |
| 10607 | AAB | JEEE 902.44 WE: (OOM II MOSS), 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| | | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10608 | AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10609 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle) | WLAN | 8.57 | ±9.6% |
| 10610 | AAB | JEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) | WLAN | 8.78 | ± 9.6 % |
| 10611 | AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10612 | AAB | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10613 | AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10614 | AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) | WLAN | 8.59 | |
| 10615 | AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle) | | | ± 9.6 % |
| 10616 | AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10617 | AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) | WLAN | 8.82 | ±9.6% |
| 10618 | AAB | IEEE 002.11ac WIFI (40MITZ, WICST, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10619 | | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle) | WLAN | 8.58 | ± 9.6 % |
| | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) | WLAN | 8.86 | ± 9.6 % |
| 10620 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) | WLAN | 8.87 | ± 9.6 % |
| 10621 | AAB | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10622 | AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) | WLAN | 8.68 | ± 9.6 % |
| 10623 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) | WLAN | 8.82 | ±9.6% |
| 10624 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle) | WLAN | 8.96 | ± 9.6 % |
| 10625 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) | WLAN | 8.96 | ± 9.6 % |
| 10626 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle) | WLAN | 8.83 | ± 9.6 % |
| 10627 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) | WLAN | | |
| 10628 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle) | | 8.88 | ± 9.6 % |
| 10629 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) | WLAN | 8.71 | ± 9.6 % |
| 10630 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) | WLAN | 8.85 | ± 9.6 % |
| 10631 | AAB | IEEE 802.11ac WIFI (OUMITZ, MCS4, 90pc duty cycle) | WLAN | 8.72 | ± 9.6 % |
| | | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) | WLAN | 8.81 | ±9.6% |
| 10632 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) | WLAN | 8.74 | ±9.6 % |
| 10633 | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) | WLAN | 8.83 | ±9.6% |
| 10634 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) | WLAN | 8.80 | ± 9.6 % |
| 10635 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10636 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) | WLAN | 8.83 | ±9.6% |
| 10637 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10638 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) | WLAN | 8.86 | |
| 10639 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) | WLAN | | ± 9.6 % |
| 10640 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) | | 8.85 | ± 9.6 % |
| 10641 | AAC | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) | WLAN | 8.98 | ± 9.6 % |
| 10642 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) | WLAN | 9.06 | ± 9.6 % |
| 10643 | AAC | IEEE 802.11ac Will 1 (100MHz, MCC2, CC) | WLAN | 9.06 | ± 9.6 % |
| 10644 | | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) | WLAN | 8.89 | ± 9.6 % |
| | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) | WLAN | 9.05 | ± 9.6 % |
| 10645 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) | WLAN | 9.11 | ± 9.6 % |
| 10646 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2.7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10648 | AAA | CDMA2000 (1x Advanced) | CDMA2000 | 3.45 | ± 9.6 % |
| 10652 | AAD | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.91 | ± 9.6 % |
| 10653 | AAD | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.42 | ± 9.6 % |
| 10654 | AAD | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.96 | ± 9.6 % |
| | | | L L T D D | 0.50 | ± 3.0 % |

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| 10055 | AAE | LITE TOD (OFDMA 20 MUM E TM 2.1 Climping 440/) | LITE TOD | 7 24 | 1.069/ |
|----------------|------------|---|-----------------|---------------|--------------------|
| 10655 10658 | AAE AAA | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) Pulse Waveform (200Hz, 10%) | LTE-TDD Test | 7.21 10.00 | ± 9.6 % ± 9.6 % |
| 10659 | AAA | Pulse Waveform (200Hz, 20%) | Test | 6.99 | ± 9.6 % |
| 10660 | AAA | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ± 9.6 % |
| 10661 | AAA | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ± 9.6 % |
| 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2,19 | ± 9.6 % |
| 10671 | AAA | IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) | WLAN | 9.09 | ± 9.6 % |
| 10672 | AAA | IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) | WLAN | 8.57 | ±9.6% |
| 10673 | AAA | IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle) | WLAN | 8.78 | ±9.6% |
| 10674 | AAA | IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAA | IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle) | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAA | IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAA | IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle) | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAA | IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle) | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAA | IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle) | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAA | IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle) | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAA | IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle) | WLAN | 8.62 | ±9.6% |
| 10682 | AAA | IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) | WLAN | 8.83 | ± 9.6 % |
| 10683 | AAA | IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10684 | AAA | IEEE 802.11ax (20MHz, MCS1, 99pc duty cycle) | WLAN | 8.26 | ±9.6 % |
| 10685 10686 | AAA | IEEE 802.11ax (20MHz, MCS2, 99pc duty cycle) IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle) | WLAN WLAN | 8.33 8.28 | ± 9.6 % ± 9.6 % |
| 10686 | AAA | IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAA | IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle) | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAA | IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle) | WLAN | 8.55 | ± 9.6 % |
| 10690 | AAA | IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAA | IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle) | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAA | IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle) | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAA | IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAA | IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAA | IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle) | WLAN | 8.78 | ± 9.6 % |
| 10696 | AAA | IEEE 802.11ax (40MHz, MCS1, 90pc duty cycle) | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAA | IEEE 802.11ax (40MHz, MCS2, 90pc duty cycle) | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAA | IEEE 802.11ax (40MHz, MCS3, 90pc duty cycle) | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAA | IEEE 802.11ax (40MHz, MCS4, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAA | IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle) | WLAN | 8.73 | ±9.6% |
| 10701 | AAA | IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle) | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAA | IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAA | IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ±9.6 % |
| 10704 | AAA | IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle) | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAA | IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle) | WLAN | 8.69 | ± 9.6 % |
| 10706 10707 | AAA | IEEE 802.11ax (40MHz, MCS11, 90pc duty cycle) | WLAN WLAN | 8.66 8.32 | ± 9.6 % |
| 10707 | AAA | IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle) | WLAN | 8.55 | ± 9.6 % |
| 10708 | AAA | IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle) | WLAN | 8.33 | ± 9.6 % |
| 10710 | AAA | IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle) | WLAN | 8.29 | ± 9.6 % |
| 10711 | AAA | IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |
| 10712 | AAA | IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle) | WLAN | 8.67 | ± 9.6 % |
| 10713 | AAA | IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle) | WLAN | 8.33 | ± 9.6 % |
| 10714 | AAA | IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle) | WLAN | 8.26 | ± 9.6 % |
| 10715 | AAA | IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10716 | AAA | IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle) | WLAN | 8.30 | ± 9.6 % |
| 10717 | AAA | IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle) | WLAN | 8.48 | ± 9.6 % |
| 10718 | AAA | IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle) | WLAN | 8.24 | ± 9.6 % |
| 10719 | AAA | IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10720 | AAA | IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle) | WLAN | 8.87 | ± 9.6 % |
| 10721 | AAA | IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
| 10722 | AAA | IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle) | WLAN | 8.55 | ±9.6% |
| 10723 | AAA | IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10724 | AAA | IEEE 802.11ax (80MHz, MCS5, 90pc duty cycle) | WLAN | 8.90 | ± 9.6 % |
| 10725 | AAA | IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle) | WLAN | 8.74 | ± 9.6 % |
| 10726 | AAA | IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle) | WLAN WLAN | 8.72 | ± 9.6 % ± 9.6 % |
| 10727 | AAA | IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle) | VVL-NN | 8.66 | 1 5.0 70 |

| | , | | | | |
|-------|--------------|--|------|------|---------|
| 10728 | AAA | IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle) | WLAN | 8.65 | ± 9.6 % |
| 10729 | AAA | IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10730 | AAA | IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle) | WLAN | 8.67 | ± 9.6 % |
| 10731 | AAA | IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle) | WLAN | 8.42 | ±9.6% |
| 10732 | AAA | IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle) | WLAN | 8.46 | ± 9.6 % |
| 10733 | AAA | IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle) | WLAN | 8.40 | ± 9.6 % |
| 10734 | AAA | IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle) | WLAN | 8.25 | ±9.6% |
| 10735 | AAA | IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle) | WLAN | 8.33 | ± 9.6 % |
| 10736 | AAA | IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle) | WLAN | 8.27 | ± 9.6 % |
| 10737 | AAA | IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10738 | AAA | IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10739 | AAA | IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle) | WLAN | 8.29 | ± 9.6 % |
| 10740 | AAA | IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle) | WLAN | 8.48 | ± 9.6 % |
| 10741 | AAA | IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle) | WLAN | 8,40 | ± 9.6 % |
| 10742 | AAA | IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle) | WLAN | 8.43 | ± 9.6 % |
| 10743 | AAA | IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10744 | AAA | IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle) | WLAN | 9.16 | ± 9.6 % |
| 10745 | AAA | IEEE 802.11ax (160MHz, MCS2, 90pc duty cycle) | WLAN | 8.93 | ± 9.6 % |
| 10746 | AAA | IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle) | WLAN | 9.11 | ± 9.6 % |
| 10747 | AAA | IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle) | WLAN | 9.04 | ± 9.6 % |
| 10748 | AAA | IEEE 802.11ax (160MHz, MCS5, 90pc duty cycle) | WLAN | 8.93 | ± 9.6 % |
| 10749 | AAA | IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle) | WLAN | 8.90 | ± 9.6 % |
| 10750 | AAA | IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10751 | AAA | IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10752 | AAA | IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10753 | AAA | IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle) | WLAN | 9.00 | ± 9.6 % |
| 10754 | AAA | IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10755 | AAA | IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10756 | AAA | IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10757 | AAA | IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10758 | AAA | IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.69 | ±9.6% |
| 10759 | AAA | IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle) | WLAN | 8.58 | ±9.6 % |
| 10760 | AAA | IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10761 | AAA | IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle) | WLAN | 8.58 | ± 9.6 % |
| 10762 | AAA | IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10763 | AAA | IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle) | WLAN | 8.53 | ± 9.6 % |
| 10764 | AAA | IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle) | WLAN | 8.54 | ± 9.6 % |
| 10765 | AAA | IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle) | WLAN | 8.54 | ± 9.6 % |
| 10766 | AAA | IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle) | WLAN | 8.51 | ± 9.6 % |
| | | | | | |

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service

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Accreditation No.: SCS 0108

Client

PC Test

Certificate No: EX3-7409_Jun19

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7409

Calibration procedure(s)

QA CAL-01.v9, QA CAL-14.v5, QA CAL-23.v5, QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

BNV 19

Calibration date:

June 19, 2019

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID | Cal Date (Certificate No.) | Scheduled Calibration |
|----------------------------|------------------|-----------------------------------|------------------------|
| Power meter NRP | SN: 104778 | 03-Apr-19 (No. 217-02892/02893) | Apr-20 |
| Power sensor NRP-Z91 | SN: 103244 | 03-Apr-19 (No. 217-02892) | Apr-20 |
| Power sensor NRP-Z91 | SN: 103245 | 03-Apr-19 (No. 217-02893) | Apr-20 |
| Reference 20 dB Attenuator | SN: S5277 (20x) | 04-Apr-19 (No. 217-02894) | Apr-20 |
| DAE4 | SN: 660 | 19-Dec-18 (No. DAE4-660_Dec18) | Dec-19 |
| Reference Probe ES3DV2 | SN: 3013 | 31-Dec-18 (No. ES3-3013_Dec18) | Dec-19 |
| Secondary Standards | ID | Check Date (in house) | Scheduled Check |
| Power meter E4419B | SN: GB41293874 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| Power sensor E4412A | SN: MY41498087 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| Power sensor E4412A | SN: 000110210 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| RF generator HP 8648C | SN: US3642U01700 | 04-Aug-99 (in house check Jun-18) | In house check: Jun-20 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-18) | In house check; Oct-19 |

Calibrated by:

Lelf Klysner

Laboratory Technician

Approved by:

Katja Pokovic

Technical Manager

Issued: June 20, 2019

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Calibration Laboratory of

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
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Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF DCP sensitivity in TSL / NORMx,y,z diode compression point

CF

crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

A, B, C, D Polarization φ

φ rotation around probe axis

Polarization 9

If the state of th

i.e., $\vartheta = 0$ is normal to probe axis

Connector Angle

Certificate No: EX3-7409_Jun19

information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

 a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010

d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

NORMx,y,z: Assessed for E-field polarization 9 = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide).
 NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).

• NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.

• DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.

 PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics

 Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.

ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.

 Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.

 Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.

 Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7409

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|--|----------|----------|----------|-----------|
| Norm (µV/(V/m) ²) ^A | 0.38 | 0.33 | 0.38 | ± 10.1 % |
| DCP (mV) ^B | 95.8 | 101.8 | 100.3 | |

Calibration Results for Modulation Response

| UID | Communication System Name | | A dB | B dBõV | С | D dB | VR mV | Max dev. | Max Unc ^E (k=2) |
|-----------|--|----|---------|-----------|-------|---------|----------|-------------|----------------------------------|
| 0 | CW | †x | 0.00 | 0.00 | 1.00 | 0.00 | 135.5 | ± 3.5 % | ± 4.7 % |
| v | 3 | Y | 0.00 | 0.00 | 1.00 | ***- | 129.2 | - " | |
| | ************************************** | Ż | 0.00 | 0.00 | 1.00 | | 130.6 | | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 1.32 | 60.00 | 6.76 | 10.00 | 60.0 | ± 2.3 % | ± 9.6 % |
| AAA | | Y | 2.29 | 64.91 | 9.64 | | 60.0 | | |
| | | Z | 1,81 | 63.07 | 9.49 | | 60.0 | | |
| 10353- | Pulse Waveform (200Hz, 20%) | X | 0.80 | 60.00 | 5.37 | 6.99 | 80.0 | ± 1.9 % | ± 9.6 % |
| AAA | , , , | Y | 1.45 | 64.56 | 8.47 | | 80.0 | | |
| | | Z | 1.57 | 65.00 | 8.98 | | 80.0 | | |
| 10354- | Pulse Waveform (200Hz, 40%) | X | 0.42 | 60.00 | 3.77 | 3.98 | 95.0 | ± 1.3 % | ± 9.6 % |
| AAA | | Y | 0.88 | 64.90 | 7.60 | | 95.0 | | |
| | | Z | 0.42 | 60.00 | 5.26 | | 95.0 | | |
| 10355- Pu | Pulse Waveform (200Hz, 60%) | X | 0.16 | 179.15 | 25.80 | 2.22 | 120.0 | ± 1.4 % | ± 9.6 % |
| AAA | | Y | 15.00 | 80.71 | 11.05 | | 120.0 | | |
| | | Z | 0.26 | 60.00 | 3.66 | | 120.0 | | |
| 10387- | QPSK Waveform, 1 MHz | X | 0.00 | 60.00 | 1.00 | 0.00 | 150.0 | ± 3.7 % | ± 9.6 % |
| AAA | | Y | 0.42 | 60.00 | 5.25 | | 150.0 |] | |
| | | Z | 0.44 | 60.00 | 5.03 | | 150.0 | | |
| 10388- | QPSK Waveform, 10 MHz | X | 1.68 | 67.97 | 15.54 | 0.00 | 150.0 | ± 1.2 % | ± 9.6 % |
| AAA | | Y | 2.15 | 69.30 | 16.63 | | 150.0 | | |
| | | Z | 1.92 | 66.86 | 15.11 | | 150.0 | | |
| 10396- | 64-QAM Waveform, 100 kHz | X | 1.88 | 65.71 | 16.62 | 3.01 | 150.0 | ± 3.3 % | ± 9.6 % |
| AAA | | Υ | 2.51 | 70.30 | 18.83 | | 150.0 |] | |
| | | Z | 1.94 | 66.57 | 18.18 | | 150.0 | | |
| 10399- | 64-QAM Waveform, 40 MHz | X | 3.08 | 66.90 | 15.71 | 0.00 | 150.0 | ± 2.7 % | ± 9.6 % |
| AAA | | Y | 3.43 | 67.58 | 16.15 |] | 150.0 | | |
| | | Z | 3.31 | 66.58 | 15.55 | | 150.0 | | |
| 10414- | WLAN CCDF, 64-QAM, 40MHz | X | 4.19 | 66.11 | 15.73 | 0.00 | 150.0 | ± 4.7 % | ± 9.6 % |
| AAA | | Υ | 4.64 | 66.08 | 15.84 | 1 | 150.0 | 1 | |
| | | Z | 4.60 | 65.42 | 15.52 | | 150.0 | | |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

^A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

B Numerical linearization parameter: uncertainty not required.

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

June 19, 2019

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7409

Sensor Model Parameters

| | C1 fF | C2 fF | α V-1 | T1 ms.V ⁻² | T2 ms.V ⁻¹ | T3 ms | T4 V ⁻² | T5 V ⁻¹ | Т6 |
|---|----------|----------|----------|--------------------------|--------------------------|----------|-----------------------|-----------------------|------|
| X | 15.1 | 114.89 | 36.52 | 2.59 | 0.12 | 4.98 | 0.18 | 0.16 | 1.00 |
| Y | 27.6 | 203.75 | 34.94 | 3.93 | 0.05 | 4.99 | 1.59 | 0.00 | 1.00 |
| Z | 31.2 | 243.42 | 38.43 | 3.81 | 0.30 | 5.03 | 0.00 | 0.11 | 1.02 |

Other Probe Parameters

| Triangular |
|------------|
| 40.5 |
| enabled |
| disabled |
| 337 mm |
| 10 mm |
| 9 mm |
| 2.5 mm |
| 1 mm |
| 1 mm |
| 1 mm |
| 1.4 mm |
| |

June 19, 2019

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7409

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity (S/m) F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|----------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 750 | 41.9 | 0.89 | 9.96 | 9.96 | 9.96 | 0.50 | 0.81 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 9.70 | 9.70 | 9.70 | 0.40 | 0.94 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 8.32 | 8.32 | 8.32 | 0.37 | 0.85 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 8.01 | 8.01 | 8.01 | 0.35 | 0.85 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 7.55 | 7.55 | 7.55 | 0.32 | 0.90 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 7.30 | 7.30 | 7.30 | 0.39 | 0.90 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 7.12 | 7.12 | 7.12 | 0.36 | 0.90 | ± 12.0 % |
| 5250 | 35.9 | 4.71 | 5.20 | 5.20 | 5.20 | 0.40 | 1.80 | ± 13.1 % |
| 5600 | 35.5 | 5.07 | 4.80 | 4.80 | 4.80 | 0.40 | 1.80 | ± 13.1 % |
| 5750 | 35.4 | 5.22 | 4.78 | 4.78 | 4.78 | 0.40 | 1.80 | ± 13.1 % |

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

F At frequencies below 3 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to \pm 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ϵ and σ) is restricted to \pm 5%. The uncertainty is the RSS of the ConyF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters.

Galpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7409

Calibration Parameter Determined in Body Tissue Simulating Media

| f (MHz) ^c | Relative Permittivity ^F | Conductivity (S/m) F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|----------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 750 | 55.5 | 0.96 | 9.96 | 9.96 | 9.96 | 0.48 | 0.80 | ± 12.0 % |
| 835 | 55.2 | 0.97 | 9.74 | 9.74 | 9.74 | 0.52 | 0.81 | ± 12.0 % |
| 1750 | 53.4 | 1.49 | 7.85 | 7.85 | 7.85 | 0.35 | 0.85 | ± 12.0 % |
| 1900 | 53.3 | 1.52 | 7.67 | 7.67 | 7.67 | 0.43 | 0.85 | ± 12.0 % |
| 2300 | 52.9 | 1.81 | 7.41 | 7.41 | 7.41 | 0.39 | 0.90 | ± 12.0 % |
| 2450 | 52.7 | 1.95 | 7.18 | 7.18 | 7.18 | 0.37 | 0.90 | ± 12.0 % |
| 2600 | 52.5 | 2.16 | 7.18 | 7.18 | 7.18 | 0.38 | 0.90 | ± 12.0 % |
| 5250 | 48.9 | 5.36 | 4.70 | 4.70 | 4.70 | 0.50 | 1.90 | ± 13.1 % |
| 5600 | 48.5 | 5.77 | 4.22 | 4.22 | 4.22 | 0.50 | 1.90 | ± 13.1 % |
| 5750 | 48.3 | 5.94 | 4.23 | 4.23 | 4.23 | 0.50 | 1.90 | ± 13.1 % |

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

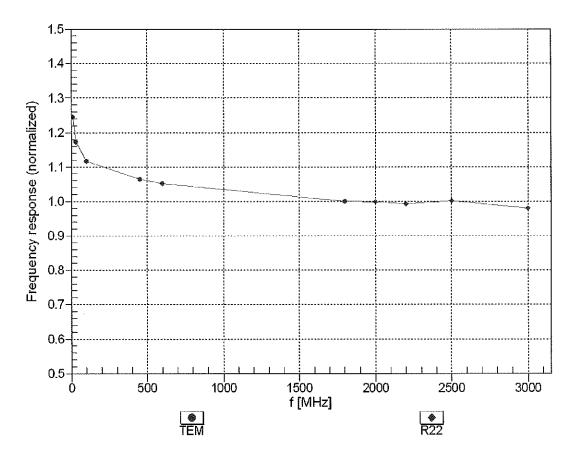
F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

^b At frequencies below 3 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to \pm 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ϵ and σ) is restricted to \pm 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters.

Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



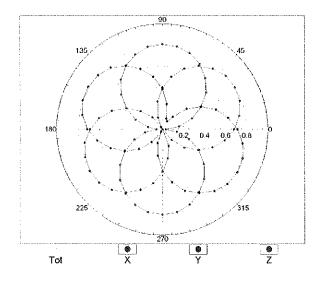
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

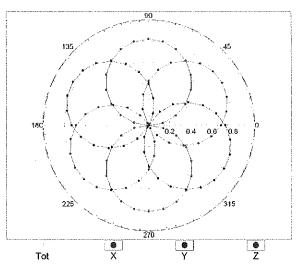
EX3DV4-SN:7409

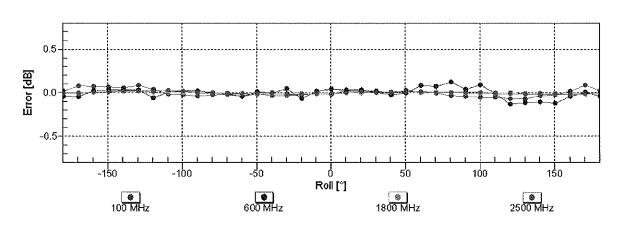
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

f=600 MHz,TEM

f=1800 MHz,R22



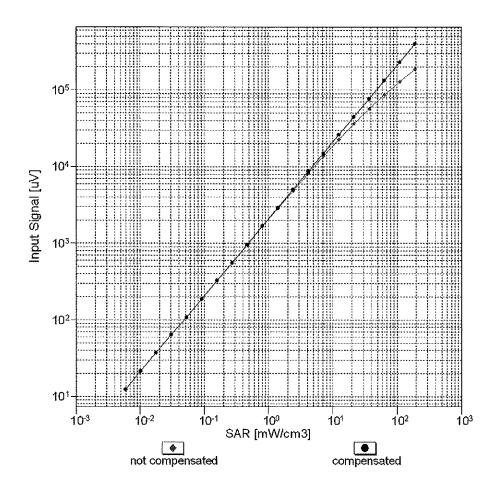


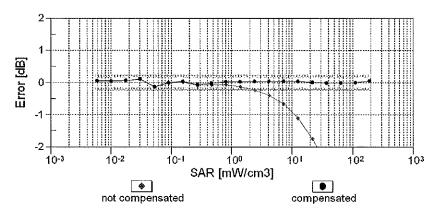


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR_{head})

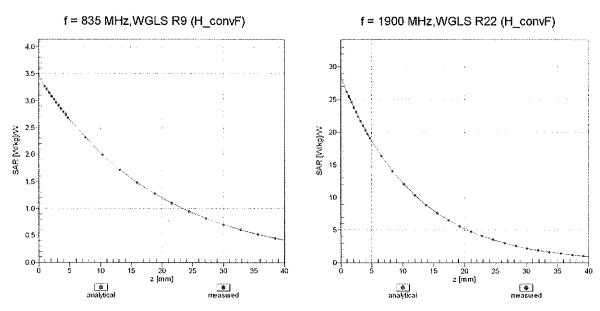
(TEM cell , f_{eval}= 1900 MHz)



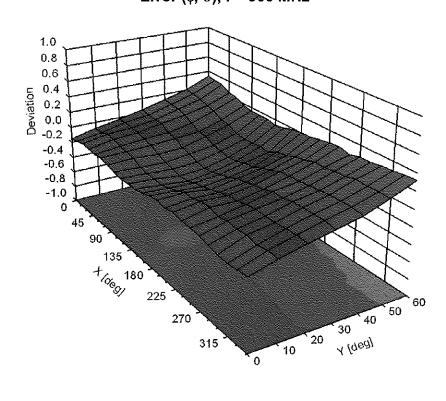


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ , ϑ), f = 900 MHz



Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR | Unc |
|-------|------|---|-----------|-------|------------|
| | | , | | (dB) | (k=2) |
| 0 | | CW | CW | 0.00 | ± 4.7 % |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 10.00 | ± 9.6 % |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ± 9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ± 9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ±9.6% |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ±9.6% |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9.55 | ±9.6% |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ±9.6% |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 3.55 | ±96% |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | GSM | 7.78 | ± 9.6 % |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) | Bluetooth | 5.30 | ±9.6% |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3) | Bluetooth | 1.87 | ±9.6% |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | Bluetooth | 1.16 | ±9.6% |
| 10033 | CAA | IEEE 802,15,1 Bluetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ± 9.6 % |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | Bluetooth | 4,53 | ± 9.6 % |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ± 9.6 % |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8,01 | ± 9.6 % |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ± 9.6 % |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ± 9.6 % |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ± 9.6 % |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ± 9.6 % |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ± 9.6 % |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ± 9.6 % |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ± 9.6 % |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | TD-SCDMA | 11.01 | ± 9.6 % |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | GSM | 6.52 | ± 9.6 % |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) | WLAN | 2,12 | ± 9.6 % |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.83 | ± 9.6 % |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) | WLAN | 3.60 | ± 9.6 % |
| 10062 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ± 9.6 % |
| 10063 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ± 9.6 % |
| 10064 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 % |
| 10065 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ± 9.6 % |
| 10066 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | WLAN | 9.38 | ± 9.6 % |
| 10067 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) | WLAN | 10.12 | ± 9.6 % |
| 10068 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.24 | ± 9.6 % |
| 10069 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 % |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.62 | ± 9.6 % |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ± 9.6 % |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ± 9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10002 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ± 9.6 % |
| 10097 | CAB | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ± 9.6 % |
| 10098 | CAB | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ± 9.6 % |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 % |
| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 % |
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% NB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% NB, 20 MHz, 10-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10102 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10103 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% NB, 20 MHz, 10-QAM) | LTE-TDD | 10.01 | ± 9.6 % |
| 10103 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ± 9.6 % |
| 10100 | LONG | LILIDO (OCTOMIN, 10070 ND, 10 MIRE, QLON) | 1 -1-100 | 0.00 | 1 2 3.0 70 |

| 10110 CAG | 40400 | 1010 | LITE EDD (OG EDAM JOSA) ED JOSA (OG EDAM) | 1 | T | |
|--|-------|--------------|--|---------|---|--|
| 10111 | 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10119 | 1 | | | | | |
| 10113 CAG LTE-FDD (SC-PDMA, 100% RB, 5 MHz, 64-CAM) LTE-FDD 6.622 ±9.6 % 10115 CAC LEEE 802.11 n (HT Greenfield, 13.5 Mbps, 16-CAM) WLAN 8.10 ±9.6 % 10115 CAC LEEE 802.11 n (HT Greenfield, 13.5 Mbps, 16-CAM) WLAN 8.10 ±9.6 % 10117 CAC LEEE 802.11 n (HT Greenfield, 13.5 Mbps, 64-CAM) WLAN 8.10 ±9.6 % 10117 CAC LEEE 802.11 n (HT Mixed, 13.5 Mbps, 16-CAM) WLAN 8.07 ±9.6 % 10118 CAC LEEE 802.11 n (HT Mixed, 13.5 Mbps, 16-CAM) WLAN 8.07 ±9.6 % 10119 CAC LEEE 802.11 n (HT Mixed, 13.5 Mbps, 64-CAM) WLAN 8.07 ±9.6 % 10119 CAC LEEE 802.11 n (HT Mixed, 13.5 Mbps, 64-CAM) WLAN 8.13 ±9.6 % 101140 CAE LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-CAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-CAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-CAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM) LTE-FDD (SC-FDMA, 100% RB, 14 MHz, QFSK) LTE-FDD (SC-FDMA, 100% RB, 14 MHz, L9-CAM) LTE-FDD (SC-FDMA, 100% RB, 10 MHz, L9-CAM) LTE-FDD (SC-FDMA, 100% RB, 10 MHz, L9-CAM) LTE-FDD (SC-FDMA, 100% RB, 10 MHz, L9-CAM) LTE-FDD | | | | | | |
| 10114 CAC IEEE 802.11n (HT Greenfield, 13 Mbps, BPSK) | | | | | | |
| 10116 CAC IEEE 802.11n (HT Greenfield, 135 Mbps, 64-CAM) | | | | | 6.62 | |
| 10116 CAC IEEE 802.11n (HT Greenfield, 135 Mipps, 84-CAM) | ··· | | | WLAN | | |
| 10117 CAC IEEE 802.1 In (HT Mixed, 318 Mbps, 8FSK) | 10115 | CAC | | WLAN | 8.46 | ± 9.6 % |
| 10118 CAC IEEE 802.11n (HT Mixed, 81 Mbps, 16-CAM) | 10116 | | | WLAN | 8.15 | |
| 10119 | 10117 | CAC | | WLAN | 8.07 | ± 9.6 % |
| 10119 | 10118 | CAC | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ± 9.6 % |
| 10140 CAE LTE-FDD (SC-FDMA, 100%; RB, 15 MHz, 16-CAMM) | 10119 | CAC | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | |
| 10141 CAE LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-CAM) | 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | |
| 10142 CAE LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-DAM) | 10141 | CAE | | | | |
| 10144 CAE LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-OAM) | 10142 | | | | | |
| 10144 CAE LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-OAM) | | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | | | |
| 10146 CAF ITE-FDD (SC-FDMA, 100% RB, 14 MHz, QFSK) | | | | | | |
| 10146 | | · | | | | ***************************** |
| 10147 CAF LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | | | | | | |
| 10149 CAE LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | | | | * | | |
| 10150 CAE LTE-FDD (SC-FDMA, 50% RB, 20 MHz, GPSK) LTE-FDD 9.28 ± 9.6 % 10151 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, GPSK) LTE-TDD 9.28 ± 9.6 % 10153 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, GPSK) LTE-TDD 9.28 ± 9.6 % 10153 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, GPSK) LTE-FDD 9.92 ± 9.6 % 10154 CAG LTE-FDD (SC-FDMA, 50% RB, 20 MHz, GPSK) LTE-FDD 5.76 ± 9.6 % 10155 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-FDD 5.76 ± 9.6 % 10155 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-FDD 5.76 ± 9.6 % 10156 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, GPSK) LTE-FDD 5.79 ± 9.6 % 10157 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, GPSK) LTE-FDD 6.43 ± 9.6 % 10158 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, GPSK) LTE-FDD 6.49 ± 9.6 % 10158 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, GPSK) LTE-FDD 6.49 ± 9.6 % 10158 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, GPSK) LTE-FDD 6.56 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-FDD 6.56 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-FDD 6.56 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-FDD 6.43 ± 9.6 % 10161 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-FDD 6.43 ± 9.6 % 10162 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-FDD 6.43 ± 9.6 % 10162 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-FDD 6.58 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GPSK) LTE-FDD 6.58 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GPSK) LTE-FDD 6.57 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GPSK) LTE-FDD 6.51 ± 9.6 % 10170 CAE LTE-FDD (SC-FDMA, 18 B, 20 MHz, GPSK) LTE-FDD 6.52 ± 9.6 % 10170 CAE LTE-FDD (SC-FDMA, 18 B, 20 MHz, GPSK) LTE-FDD 6.52 ± 9.6 % 10170 CAE LTE-FDD (SC-FDMA, 18 B, 20 MHz, GPSK) LTE-FDD 6.52 ± 9.6 % 10170 CAG LTE-FDD (SC-FDMA, 18 B, 20 MHz, GPSK) LTE-FDD 6.52 ± 9.6 % 10170 CAG LTE-FDD (SC-F | | | | | | |
| 10151 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD 9.28 ± 9.6 % 10152 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD 9.92 ± 9.8 % 10153 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD 10.05 ± 9.6 % 10154 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 0PSK) LTE-FDD 5.75 ± 9.6 % 10155 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 0PSK) LTE-FDD 6.45 ± 9.6 % 10156 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 0PSK) LTE-FDD 6.49 ± 9.6 % 10156 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 0PSK) LTE-FDD 5.79 ± 9.6 % 10157 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 10-QAM) LTE-FDD 6.49 ± 9.6 % 10158 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 10-QAM) LTE-FDD 6.49 ± 9.6 % 10159 CAG LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 10-QAM) LTE-FDD 6.60 ± 9.6 % 10159 CAG LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10161 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10162 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM) LTE-FDD 6.43 ± 9.6 % 10166 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM) LTE-FDD 6.49 ± 9.6 % 10166 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 04-QAM) LTE-FDD 6.40 ± 9.6 % 10167 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10167 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 04-QAM) LTE-FDD 6.73 ± 9.6 % 10169 CAE LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 04-QAM) LTE-FDD 6.73 ± 9.6 % 10169 CAE LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 04-QAM) LTE-FDD 6.21 ± 9.6 % 10172 CAG LTE-FDD (SC-FDMA, 17 RB, 20 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10174 CAG LTE-FDD (SC-FDMA, 17 RB, 20 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10174 CAG LTE-FDD (SC-FDMA, 17 RB, 20 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10176 CAG LTE-FDD (SC-FDMA, 17 RB, 20 MHz, 04-QAM) LTE-FDD 6.50 ± 9.6 % 10176 CAG L | | · | | | | |
| 10152 | | | | | | |
| 10153 |) | | | | | |
| 10154 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD 5.75 ± 9.6 % 10155 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD 5.79 ± 9.6 % 10157 CAG LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD 6.43 ± 9.6 % 10157 CAG LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD 6.49 ± 9.6 % 10158 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 46-QAM) LTE-FDD 6.62 ± 9.6 % 10159 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 46-QAM) LTE-FDD 6.56 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QS-CM) LTE-FDD 6.56 ± 9.6 % 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QS-CM) LTE-FDD 6.56 ± 9.6 % 10162 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GS-CM) LTE-FDD 6.43 ± 9.6 % 10162 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GS-CM) LTE-FDD 6.58 ± 9.6 % 10162 CAE LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GS-CM) LTE-FDD 6.58 ± 9.6 % 10167 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GS-CM) LTE-FDD 6.58 ± 9.6 % 10167 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GS-CM) LTE-FDD 6.21 ± 9.6 % 10168 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GS-CM) LTE-FDD 6.21 ± 9.6 % 10169 CAE LTE-FDD (SC-FDMA, 50% RB, 14 MHz, GS-CM) LTE-FDD 6.21 ± 9.6 % 10170 CAE LTE-FDD (SC-FDMA, 16R, 20 MHz, QPSK) LTE-FDD 6.79 ± 9.6 % 10170 CAE LTE-FDD (SC-FDMA, 18R, 20 MHz, GS-CM) LTE-FDD 6.52 ± 9.6 % 10170 CAE LTE-FDD (SC-FDMA, 18R, 20 MHz, QPSK) LTE-FDD 6.52 ± 9.6 % 10171 CAE LTE-FDD (SC-FDMA, 18R, 20 MHz, QPSK) LTE-FDD 9.41 ± 9.6 % 10173 CAG LTE-FDD (SC-FDMA, 18R, 20 MHz, QPSK) LTE-FDD 9.42 ± 9.6 % 10173 CAG LTE-FDD (SC-FDMA, 18R, 20 MHz, QPSK) LTE-FDD 9.45 ± 9.6 % 10173 CAG LTE-FDD (SC-FDMA, 18R, 20 MHz, QPSK) LTE-FDD 9.572 ± 9.6 % 10176 CAG LTE-FDD (SC-FDMA, 18R, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10178 CAG LTE-FDD (SC-FDMA, 18R, 30 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 18R, 30 MHz, GS-CMM) LTE-FDD | | | | | | |
| 10155 | | | | | | |
| 10166 CAG | | | | | | ······································ |
| 10167 | | | | | | |
| 10158 | | | | | | |
| 10159 | | | | | | |
| 10160 | | | | | 4 | |
| 10161 CAE | | | | | | |
| 10162 CAE | | | | | | |
| 10166 | | | | | | ± 9.6 % |
| 10167 | | } | | | 6.58 | ± 9.6 % |
| 10168 | | | | LTE-FDD | 5.46 | ± 9.6 % |
| 10169 | | | | LTE-FDD | | ± 9.6 % |
| 10170 CAE LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10171 AAE LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.49 ± 9.6 % 10172 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-TDD 9.21 ± 9.6 % 10173 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, GPSK) LTE-TDD 9.48 ± 9.6 % 10174 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 9.48 ± 9.6 % 10175 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10177 CAI LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, GPAM) LTE-FDD 6.52 ± 9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, GPAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10186 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10187 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10187 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10186 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10187 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10189 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10189 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ± 9.6 % 10199 CAE LTE-FDD | | CAF | | LTE-FDD | 6.79 | ± 9.6 % |
| 10171 AAE LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.49 ±9.6 % 10172 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-TDD 9.21 ±9.6 % 10173 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 % 10174 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 10.25 ±9.6 % 10175 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ±9.6 % 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 6.52 ±9.6 % 10177 CAI LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ±9.6 % 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ±9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.52 ±9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.50 ±9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.50 ±9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.50 ±9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ±9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ±9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM) LTE-FDD 6.50 ±9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ±9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM) LTE-FDD 5.73 ±9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM) LTE-FDD 5.73 ±9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM) LTE-FDD 5.73 ±9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM) LTE-FDD 5.73 ±9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM) LTE-FDD 5.73 ±9.6 % 10189 CAC LEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) LTE-FDD 5.73 ±9.6 % 10199 CAC LEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 % 10199 CAC LEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.10 ±9.6 % 10199 CAC LEE 802.1 | 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10172 | 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10173 | | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10173 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.48 ± 9.6 % 10174 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 10.25 ± 9.6 % 10175 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10177 CAI LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM) LTE-FDD 6.50 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.50 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, G4-QAM) LTE-FDD 6.50 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, G4-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, G4-QAM) WLAN 8.27 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, G4-QAM) WLAN 8.27 | 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6% |
| 10174 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 10.25 ± 9.6 % 10175 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10177 CAI LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD | 10173 | CAG | | | | |
| 10175 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10177 CAI LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD | 10174 | CAG | | LTE-TDD | | |
| 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10177 CAI LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD | 10175 | CAG | | | | |
| 10177 CAI LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0PSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.52 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK) LTE-FDD | 10176 | · | | | | |
| 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FD | | | | | | |
| 10179 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN | | | | | | |
| 10180 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN | | | | | | |
| 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | | | | | | |
| 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.52 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) W | | | | | | |
| 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLA | | | | | | |
| 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN< | | | | | *************************************** | |
| 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ± 9.6 % 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ± 9.6 % | | | | | | |
| 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ± 9.6 % 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 64-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | ······ | |
| 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ± 9.6 % 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ± 9.6 % 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10193 CAC IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ± 9.6 % 10194 CAC IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10194 CAC IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ± 9.6 % 10195 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10195 CAC IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ± 9.6 % 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10196 CAC IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ± 9.6 % 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10197 CAC IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ± 9.6 % 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | | |
| 10198 CAC IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ± 9.6 % | | | | | 8.10 | |
| | | | | | 8.13 | |
| 10219 CAC IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ± 9.6 % | | | | | 8.27 | ± 9.6 % |
| | 10219 | CAC | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 % |

| 10221 CAC IEEE 802.111 (HT MIRRO, 25.2 Mbps, 84-0AM) | 10000 | | TEEE COO AL AUTHUR STOCKE AS CALLS | | 0.40 | |
|--|-------|--|--|---|---|---|
| 10222 CAC IEEE 802.11n (HT Mixed, 15 Mbps, BFSK) | 10220 | CAC | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10224 CAC IEEE 802.11n (IT Mixed, 90 Mbps, 16-QAM) | ***** | | | | | |
| 10225 CAC IEEE 892.11n (HT Mixed, 150 Mbps, 64-QAM) WCDMA 5.91 st 95 % 10228 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD 9.49 ± 9.6 % 10228 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 26-YM) LTE-TDD 9.49 ± 9.6 % 10228 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 26-YM) LTE-TDD 9.22 ± 9.6 % 10228 CAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 26-YM) LTE-TDD 9.22 ± 9.6 % 10229 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 26-YM) LTE-TDD 9.22 ± 9.6 % 10230 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 26-YM) LTE-TDD 10.25 ± 9.6 % 10231 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 26-YM) LTE-TDD 10.25 ± 9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 26-YM) LTE-TDD 9.48 ± 9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 26-YM) LTE-TDD 9.48 ± 9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 26-YM) LTE-TDD 9.21 ± 9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 26-YM) LTE-TDD 9.21 ± 9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 9.21 ± 9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 10.25 ± 9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 10.25 ± 9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 10.25 ± 9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 9.48 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 9.22 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 9.22 ± 9.6 % 10234 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 9.26 ± 9.6 % 10234 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 26-YM) LTE-TDD 9.26 ± 9.6 % 10234 CAF LTE-TDD (SC-FDMA, 5 MR, 1 MHz, 26-YM) LTE-TDD 9.26 ± 9.6 % 10234 CAF LTE-TDD (SC-FDMA, 5 MR, 1 MHz, 26-YM) LTE-TDD 9.26 ± 9.6 % 10234 CAF LTE-TDD (SC-FDMA, 5 MR, 8, 1 MHz, 26-YM) LTE-TDD 9.26 ± 9.6 % 10234 CAF LTE-TDD (SC-FDMA, 5 MR, 8, 1 MHz, 26-YM) LTE-TDD 9.26 ± 9.6 % | | | | | | |
| 10225 CAB UMIS-FDD (HSPA1) WCDMA 5.97 ± 9.6 % 10227 CAA LTE-LTD (SC-FDMA, 1 RB, 1.4 MHz, 16-CAM) LTE-LTD 10.26 ± 9.6 % 10228 CAA LTE-LTD (SC-FDMA, 1 RB, 1.4 MHz, 64-CAM) LTE-LTD 10.26 ± 9.6 % 10229 CAC LTE-LTD (SC-FDMA, 1 RB, 1.4 MHz, 64-CAM) LTE-LTD 10.26 ± 9.6 % 10229 CAC LTE-LTD (SC-FDMA, 1 RB, 3 MHz, 16-CAM) LTE-LTD 9.48 ± 9.6 % 10221 CAC LTE-LTD (SC-FDMA, 1 RB, 3 MHz, 16-CAM) LTE-LTD 9.48 ± 9.6 % 10221 CAC LTE-LTD (SC-FDMA, 1 RB, 3 MHz, 6-CAM) LTE-LTD 9.19 ± 9.6 % 10221 CAC LTE-LTD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-LTD 9.19 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-LTD 9.19 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-LTD 10.25 ± 9.6 % 10224 CAF LTE-LTD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-LTD 10.25 ± 9.6 % 10225 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LTE-LTD 9.48 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LTE-LTD 9.48 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LTE-LTD 9.24 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 2 GPSK) LTE-LTD 9.21 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 2 GPSK) LTE-LTD 9.21 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 2 GPSK) LTE-LTD 9.21 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 2 GPSK) LTE-LTD 9.21 ± 9.6 % 10223 CAF LTE-LTD (SC-FDMA, 1 RB, 1 MHz, 2 GPSK) LTE-LTD 9.22 ± 9.6 % 10224 CAA LTE-LTD (SC-FDMA, 5 MR, 1 MHz, 64-CAM) LTE-LTD 9.25 ± 9.6 % 10224 CAA LTE-LTD (SC-FDMA, 5 MR, 1 MHz, 64-CAM) LTE-LTD 9.26 ± 9.6 % 10224 CAA LTE-LTD (SC-FDMA, 5 MR, 1 MHz, 64-CAM) LTE-LTD 9.26 ± 9.6 % 10224 CAA LTE-LTD (SC-FDMA, 5 MR, 8 MHz, 64-CAM) LTE-LTD 9.26 ± 9.6 % 10224 CAF LTE-LTD (SC-FDMA, 5 MR, 8 MHz, 64-CAM) LTE-LTD 9.20 ± 9.6 % 10224 CAF LTE-LTD (SC-FDMA, 5 MR, 8 MHz, 64-CAM) LTE-LTD 9.20 ± 9.6 % 10224 CAF | | , | | | | |
| 10226 CAA LTE-TDD (SC-FDMA, 1 RB. 1.4 MHz, 46-CAM) LTE-TDD 9.49 ±9.6 % 10228 CAA LTE-TDD (SC-FDMA, 1 RB. 1.4 MHz, 46-CAM) LTE-TDD 9.22 ±9.6 % 10228 CAA LTE-TDD (SC-FDMA, 1 RB. 1.4 MHz, 46-CAM) LTE-TDD 9.22 ±9.6 % 10230 CAC LTE-TDD (SC-FDMA, 1 RB. 3 MHz, 16-CAM) LTE-TDD 10.25 ±9.6 % 10230 CAC LTE-TDD (SC-FDMA, 1 RB. 3 MHz, 26-CAM) LTE-TDD 10.25 ±9.6 % 10231 CAC LTE-TDD (SC-FDMA, 1 RB. 3 MHz, 26-CAM) LTE-TDD 10.25 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB. 5 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB. 5 MHz, 26-CAM) LTE-TDD 9.48 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB. 5 MHz, 26-CAM) LTE-TDD 9.21 ±9.6 % 10233 CAF LTE-TDD (SC-FDMA, 1 RB. 5 MHz, 20-CAM) LTE-TDD 9.21 ±9.6 % 10234 CAF LTE-TDD (SC-FDMA, 1 RB. 10 MHz, 20-CAM) LTE-TDD 9.21 ±9.6 % 10235 CAF LTE-TDD (SC-FDMA, 1 RB. 10 MHz, 20-CAM) LTE-TDD 9.21 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 10 MHz, 20-CAM) LTE-TDD 10.25 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 10 MHz, 20-CAM) LTE-TDD 10.25 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 10 MHz, 20-CAM) LTE-TDD 10.25 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 10 MHz, 20-CAM) LTE-TDD 10.25 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 15 MHz, 20-CAM) LTE-TDD 10.25 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 15 MHz, 20-CAM) LTE-TDD 9.24 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 15 MHz, 20-CAM) LTE-TDD 9.26 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB. 15 MHz, 20-CAM) LTE-TDD 9.26 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 10-CAM) LTE-TDD 9.27 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 10-CAM) LTE-TDD 9.26 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 10-CAM) LTE-TDD 9.26 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 10-CAM) LTE-TDD 9.26 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 10-CAM) LTE-T | | | | | | |
| 1022F CAA | | | | | | |
| 10228 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-TDD 9.22 ±9.6 % 10230 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-CAM) LTE-TDD 10.25 ±9.6 % 10231 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-CAM) LTE-TDD 10.25 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 GPSK) LTE-TDD 10.25 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10233 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 6 PSK) LTE-TDD 9.21 ±9.6 % 10235 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 6 PSK) LTE-TDD 9.21 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 6 PSK) LTE-TDD 9.21 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 6 PSK) LTE-TDD 10.25 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 6 PSK) LTE-TDD 10.25 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 6 PSK) LTE-TDD 10.25 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 6 PCAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 6 PCAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 6 PCAM) LTE-TDD 9.21 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 5 MB, 1 A MHz, 6 PCAM) LTE-TDD 9.21 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 5 MB, 1 A MHz, 6 PCAM) LTE-TDD 9.21 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 5 MB, 1 A MHz, 6 PCAM) LTE-TDD 9.21 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 5 MB, 1 A MHz, 6 PCAM) LTE-TDD 9.86 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 5 MB, 1 A MHz, 6 PCAM) LTE-TDD 9.86 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 5 MB, 8 MHz, 16 PCAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 5 MB, 8 MHz, 6 PCAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 5 MB, 8 MHz, 6 PCAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 5 MB, 8 MHz, 6 PCAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 5 MB, 8 MHz, 6 PCAM) LTE-TDD 10.16 ±9.6 % | | | | | | |
| 10229 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10231 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 G-SK) LTE-TDD 9.19 ±9.6 % 10231 CAC LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 2 G-SK) LTE-TDD 9.19 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 2 G-CAM) LTE-TDD 9.48 ±9.6 % 10233 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 2 G-CAM) LTE-TDD 10.25 ±9.6 % 10233 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 2 G-CAM) LTE-TDD 10.25 ±9.6 % 10235 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-TDD 9.28 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 16-CAM) LTE-TDD 9.21 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 16-CAM) LTE-TDD 9.80 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-CAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-CAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-CAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.30 ±9.6 % 10244 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.40 ±9.6 % 10246 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD | | | | | | |
| 10231 CAC | | CAC | | | | |
| 10233 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM) LTE-TDD 9.48 ± 9.6 % 10234 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM) LTE-TDD 9.21 ± 9.8 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM) LTE-TDD 9.21 ± 9.8 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-OAM) LTE-TDD 9.21 ± 9.8 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-OAM) LTE-TDD 10.25 ± 9.8 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-OAM) LTE-TDD 10.25 ± 9.8 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-OAM) LTE-TDD 10.25 ± 9.8 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-OAM) LTE-TDD 9.48 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-OAM) LTE-TDD 10.25 ± 9.8 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-OAM) LTE-TDD 10.25 ± 9.8 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 64-OAM) LTE-TDD 9.21 ± 9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 64-OAM) LTE-TDD 9.82 ± 9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 64-OAM) LTE-TDD 9.86 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 64-OAM) LTE-TDD 9.46 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 9.46 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 10.06 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 10.06 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 10.06 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 10.06 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 10.06 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 10.09 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.91 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.91 ± 9.6 % 10246 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 64-OAM) LTE-TDD 9.91 ± 9.6 % 10245 CAF LTE-TDD | 10230 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10234 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, CPSK) LTE-TDD 9.21 19.8 % 10235 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 16-QAM) LTE-TDD 9.48 19.8 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 1 0 MHz, 16-QAM) LTE-TDD 9.48 19.8 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 1 0 MHz, 16-QAM) LTE-TDD 9.48 19.8 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 1 0 MHz, QFSK) LTE-TDD 9.21 19.8 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 1 0 MHz, QFSK) LTE-TDD 9.21 19.8 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 5 MHz, 64-QAM) LTE-TDD 10.25 19.8 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 1 5 MHz, 64-QAM) LTE-TDD 10.25 19.8 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 1 5 MHz, QFSK) LTE-TDD 10.25 19.8 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 16-QAM) LTE-TDD 9.82 19.8 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, QFSK) LTE-TDD 9.8 2 19.8 % 10244 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, QFSK) LTE-TDD 9.8 6 19.8 % 10244 CAA LTE-TDD (SC-FDMA, 50% RB, 1 3 MHz, QFSK) LTE-TDD 10.06 19.8 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QFSK) LTE-TDD 10.06 19.8 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QFSK) LTE-TDD 10.06 19.8 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QFSK) LTE-TDD 10.06 19.8 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 10.06 19.8 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.90 19.8 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.91 19.8 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.91 19.8 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.91 19.8 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.91 19.8 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.91 19.8 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.92 19.8 % 10250 CAF LTE-TDD SC | 10231 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ± 9.6 % |
| 10234 | | CAF | | LTE-TDD | 9.48 | |
| 10236 CAF | | | | | | |
| 10239 CAF | | | - · · · · · · · · · · · · · · · · · · · | | | |
| 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 6P-SK) LTE-TDD 9.21 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM) LTE-TDD 9.48 ± 9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM) LTE-TDD 9.48 ± 9.6 % 10241 CAA LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD 9.21 ± 9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-OAM) LTE-TDD 9.82 ± 9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-OAM) LTE-TDD 9.86 ± 9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM) LTE-TDD 9.46 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 9.46 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 10.08 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 10.09 ± 9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9.91 ± 9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.81 ± 9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.81 ± 9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.20 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.81 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.20 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.91 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.92 ± 9.6 % 10256 CAF LTE-TDD (SC-FD | | - | | ļ | | |
| 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | | | | ···· | | |
| 10239 CAF | | • | | | | |
| 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD 9,21 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM) LTE-TDD 9,82 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-QAM) LTE-TDD 9,86 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK) LTE-TDD 9,86 ±9.6 % 10244 CAA LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10,06 ±9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 10,06 ±9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9,90 ±9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9,90 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GA-QAM) LTE-TDD 9,91 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GA-QAM) LTE-TDD 10,09 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9,29 ±9.8 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9,29 ±9.8 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9,29 ±9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 10,17 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 10,17 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 10,17 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 10,17 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 10,14 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GA-QAM) LTE-TDD 10,14 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GA-QAM) LTE-TDD 10,14 ±9.6 % 10255 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GA-QAM) LTE-TDD 10,14 ±9.6 % 10255 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 10,14 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9,20 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 16 MHz, GPSK) LTE-TDD 9,20 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) | | . | | | | |
| 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.82 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QFSK) LTE-TDD 9.86 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 9.86 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ±9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 9.30 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 9.30 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.29 ±9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.21 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.21 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.20 ±9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 16 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10266 CAC LTE-TDD (SC-FDMA, 100% RB, 16 MHz, QPSK) LTE-TDD 9.91 ±9.6 % 10266 CAC LTE-TDD (SC-FDMA, 100% RB, 16 MHz, QPSK) LTE-TDD 9.92 ±9.6 % 10266 CAF LTE-TDD (SC-FDMA, 10 | | | | | | |
| 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ± 9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD 9.46 ± 9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 10.06 ± 9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 10.06 ± 9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.91 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.91 ± 9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.21 ± 9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.21 ± 9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 10.14 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 10.14 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.34 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.97 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.98 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.98 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.99 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MH | | | | ······································ | | |
| 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK) LTE-TDD 9.46 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.30 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.30 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ± 9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ± 9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.29 ± 9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.21 ± 9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 10.14 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAC LTE-TDD (S | | | | | | |
| 10244 | | | | | | |
| 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ± 9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 10.09 ± 9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QFSK) LTE-TDD 9.81 ± 9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 04-QAM) LTE-TDD 9.24 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QFSK) LTE-TDD 9.90 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QFSK) LTE-TDD 9.90 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QFSK) LTE-TDD 10.14 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QFSK) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 18-QAM) LTE-TDD 9.96 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, B-QAM) LTE-TDD 9.96 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, B-QAM) LTE-TDD 9.96 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, B-QAM) LTE-TDD 9.98 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, B-QAM) LTE-TDD 9.98 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QFSK) LTE-TDD 9.99 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QFSK) LTE-TDD 9.99 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QFSK) LTE-TDD 9.99 ± 9.6 % 10260 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QFSK) LTE-TDD 9.24 ± 9.6 % 10260 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QFSK) LTE-TDD 9.23 ± 9.6 % 10260 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QFSK) LTE-TDD 9.20 ± 9.6 % 10260 CAF LTE-TDD (S | | | | | | |
| 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | | | | | | |
| 10247 CAF | | | | *************************************** | | |
| 10259 | | CAF | | LTE-TDD | 9.91 | |
| 10250 | 10248 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10251 CAF | | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | | | |
| 10252 CAF | | | | | | |
| 10253 | | | | | | |
| 10254 CAF | | 1 | | | ****** | |
| 10255 CAF | | 1 | | | | |
| 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9.6 % 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9.6 % 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.97 ± 9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.07 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.07 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10271 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ± 9.6 % 10272 CAA PHS (QPSK) LTE-TDD 9.58 ± 9.6 % 10273 CAA PHS (QPSK) LTE-TDD 9.58 ± 9.6 % 10273 CAA PHS (QPSK) LTE-TDD 10.13 ± 9.6 % 10273 CAA PHS (QPSK) LTE-TDD 10.6 % 10273 CAA PHS (QPSK) LTE-TDD 10.6 % 10273 CAA PHS (QPSK) LTE-TDD 10.6 % 10273 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10293 AAB CDMA2000, RC3, SO55, Full Rate | | | | | | |
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| 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ±9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ±9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ±9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ±9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.24 ±9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ±9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ±9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ±9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.92 ±9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.92 ±9.6 % 10267 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.07 ±9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.30 ±9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GPSK) LTE-TDD 10.06 ±9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GPSK) LTE-TDD 10.13 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.58 ±9.6 % 10271 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ±9.6 % 10272 CAA PHS (QPSK) LTE-TDD 9.58 ±9.6 % 10273 CAA PHS (QPSK) SW 884MHz, Rolloff 0.5) PHS 11.81 ±9.6 % 10279 CAA PHS (QPSK) SW 884MHz, Rolloff 0.5) PHS 11.81 ±9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ±9.6 % 10290 AAB CDMA2000, RC3, SO35, Full Rate CDMA2000 3.39 ±9.6 % 10291 AAB CDMA2000, RC3, SO35, Full Rate CDMA2000 3.50 ±9.6 % 10292 AAB CDMA2000, RC3, SO35, Full Rate CDMA2000 3.50 ±9.6 % 10295 AAB CDMA2000, RC3, SO35, Full Rate CDMA2000 3.50 ±9.6 % 10295 AAB CDMA2000, RC3, SO35, Full Rate CDMA2000 12.49 ±9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) L | | | | | | |
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| 10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | _ | · · · · · · · · · · · · · · · · · · · | | | |
| 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | | | | | |
| 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | ************************************** | | | | |
| 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | | | | | |
| 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | | | | | |
| 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | | | | | |
| 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | | | | | |
| 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | , ——— | | | | |
| 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % | | | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | | ± 9.6 % |
| | | | | | | |
| 10299 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-FDD 6.39 ± 9.6 % | | | | | | |
| | 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ± 9.6 % |

| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
|----------------------------------|-------------------|---|--------------------|--------------|---------|
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WIMAX | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols) | WIMAX | 12.57 | ± 9.6 % |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols) | WiMAX | 15.24 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols) | WiMAX | 14.67 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols) | WIMAX | 14.49 | ± 9.6 % |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14,46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols) | WiMAX | 14.58 | ± 9.6 % |
| 10310 | AAA | IÉEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols) | WiMAX | 14.57 | ± 9.6 % |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ±9.6 % |
| 10313 | AAA | IDEN 1:3 | iDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | IDEN 1:6 | iDEN | 13.48 | ± 9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAC | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ±9.6% |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ±9.6% |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10400 | AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.37 | ±9.6 % |
| 10401 | AAD | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAD | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.53 | ±9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ±9.6 % |
| 10410 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4) | LTE-TDD | 7.82 | ± 9.6 % |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) | WLAN | 8.14 | ± 9.6 % |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) | WLAN | 8.19 | ±9.6 % |
| 10422 | AAB | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10423 | AAB | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ± 9.6 % |
| 10424 | AAB | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ± 9.6 % |
| 10425 | AAB | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ± 9.6 % |
| 10426 | AAB | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ± 9.6 % |
| 10427 | AAB | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8,41 | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FDD | 8.38 | ± 9.6 % |
| 10432 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ±9.6% |
| 10433 | | W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 % |
| 10434 | AAA | | | | |
| 10434 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10434 10435 10447 | AAF AAD | Subframe=2,3,4,7,8,9) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |
| 10434 10435 10447 10448 | AAF AAD AAD | Subframe=2,3,4,7,8,9) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) | LTE-FDD LTE-FDD | 7.56 7.53 | |
| 10434 10435 10447 | AAF AAD | Subframe=2,3,4,7,8,9) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |

| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ± 9.6 % |
|-------|-----|--|----------|------|---------|
| 10456 | AAB | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ±9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ±9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10462 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.30 | ±9.6% |
| 10463 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.56 | ± 9.6 % |
| 10464 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10465 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10466 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10467 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10468 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10469 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.56 | ± 9.6 % |
| 10470 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10471 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10472 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.32 | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10479 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10480 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.18 | ± 9.6 % |
| 10481 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.45 | ± 9.6 % |
| 10482 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.71 | ± 9.6 % |
| 10483 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.39 | ± 9.6 % |
| 10484 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.47 | ±9.6% |
| 10485 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.59 | ± 9.6 % |
| 10486 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.38 | ± 9.6 % |
| 10487 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.60 | ±9.6% |
| 10488 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.70 | ±9.6% |
| 10489 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.31 | ± 9.6 % |
| 10490 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.54 | ± 9.6 % |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |

| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.41 | ± 9.6 % |
|-------------------------|------------|---|--------------|--------------|------------------|
| 10493 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL. Subframe=2,3,4,7,8,9) | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.52 | ± 9.6 % |
| 10503 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAE | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAE | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle) | WLAN | 1.58 | ± 9.6 % |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |
| 10520 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) | WLAN | 8.12 | ± 9.6 % |
| 10521 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) | WLAN | 7.97 | ± 9.6 % |
| 10521 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) | WLAN | 8.45 | |
| 10522 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) | WLAN | | ±9.6 % |
| 10523 | AAB | | | 8.08 | ± 9.6 % |
| 10524 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) | WLAN | 8.27 | ±9.6 % |
| | | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10526 | AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) | WLAN | 8.42 | ±9.6 % |
| 10527 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) | WLAN | 8.21 | ±9.6 % |
| 10528 | AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10529 | AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10531 | AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle) | WLAN | 8.43 | ± 9.6 % |
| | AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ±9.6 % |
| 10532 | | | | | |
| 10532 10533 10534 | AAB AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle) | WLAN WLAN | 8.38 8.45 | ±9.6 % ±9.6 % |

| 4000 | | | | | |
|--------|--|---|-------|------|---------|
| 10535 | AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle) | WLAN | 8.32 | ±9.6 % |
| 10537 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle) | WLAN | 8.44 | ± 9.6 % |
| 10538 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle) | WLAN | 8.54 | ± 9.6 % |
| 10540 | AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle) | WLAN | 8.46 | ± 9.6 % |
| 10542 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) | WLAN | 8.65 | ±9.6 % |
| 10544 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle) | WLAN | 8.47 | |
| 10545 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle) | WLAN | | ± 9.6 % |
| 10546 | AAB | | | 8.55 | ± 9.6 % |
| 10546 | _ | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) | WLAN | 8.35 | ± 9.6 % |
| | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) | WLAN | 8.38 | ± 9.6 % |
| 10551 | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) | WLAN | | |
| 10561 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) | | 8.73 | ± 9.6 % |
| | | | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty | WLAN | 8.25 | ± 9.6 % |
| | | cycle) | | | |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty | WLAN | 8.45 | ± 9.6 % |
| | | cycle) | | | |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty | WLAN | 8.13 | ± 9.6 % |
| | | cycle) | | | |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty | WLAN | 8.00 | ±9.6 % |
| | | cycle) | | | |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty | WLAN | 8.37 | ± 9.6 % |
| | | cycle) | | | |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty | WLAN | 8.10 | ± 9.6 % |
| | ' " " ' | cycle) | | 0 | |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty | WLAN | 8.30 | ± 9.6 % |
| | 1.00. | cycle) | 77 1 | 0.00 | 20.070 |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) | WLAN | 1.99 | ± 9.6 % |
| 10571 | AAA | IEEE 802,11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) | WLAN | 1.99 | ± 9.6 % |
| 10572 | · [· · · · · · · · · · · · · · · · · · | | | | |
| | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) | WLAN | 1.98 | ±9.6% |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle) | WLAN | 1.98 | ±96% |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty | WLAN | 8.59 | ± 9.6 % |
| | <u> </u> | cycle) | | | |
| 10576 | AAA | IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty | WLAN | 8.60 | ± 9.6 % |
| | ļ | cycle) | | | |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty | WLAN | 8.70 | ± 9.6 % |
| | | cycle) | | | |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty | WLAN | 8.49 | ± 9.6 % |
| | | cycle) | | ł | |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty | WLAN | 8.36 | ± 9.6 % |
| | | cycle) | | | |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty | WLAN | 8.76 | ± 9.6 % |
| 1.222 | ' | cycle) | 1 | "" | |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty | WLAN | 8.35 | ± 9.6 % |
| 1.0001 | 1,,,, | cycle) | V / I | 0.00 | 20.0 % |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty | WLAN | 8.67 | ± 9.6 % |
| 10002 | 1000 | , | VVLAN | 0.07 | 1 3.0 % |
| 10583 | AAD | cycle) | MI AN | 0 50 | +060/ |
| | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) | WLAN | 8.59 | ±9.6% |
| 10584 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| · | | | | | |

| 10588 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
|-------------------------|---|--|----------|-------------|----------|
| 10589 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) | WLAN | 8.35 | ±9.6% |
| 10590 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle) | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle) | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle) | | | |
| | *************************************** | | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle) | WLAN | 8.71 | ±9.6% |
| 10597 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle) | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle) | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle) | WLAN | 8.82 | ±9.6% |
| 10602 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
| 10605 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) | WLAN | 8.97 | ± 9.6 % |
| 10606 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10607 | AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10607 | AAB | | | | |
| | | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10609 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle) | WLAN | 8.57 | ± 9.6 % |
| 10610 | AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) | WLAN | 8.78 | ± 9.6 % |
| 10611 | AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle) | WLAN | 8.70 | ±9.6% |
| 10612 | AAB | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10613 | AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10614 | AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) | WLAN | 8.59 | ± 9.6 % |
| 10615 | AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ± 9.6 % |
| 10616 | AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle) | WLAN | 8,82 | ± 9.6 % |
| 10617 | AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10618 | AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle) | WLAN | 8.58 | ± 9.6 % |
| 10619 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) | WLAN | 8.86 | ± 9.6 % |
| 10620 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) | WLAN | 8.87 | ± 9.6 % |
| 10621 | AAB | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) | WLAN | 8.77 | |
| 10621 | AAB | | WLAN | | ± 9.6 % |
| | | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) | | 8.68 | ± 9.6 % |
| 10623 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) | WLAN | 8.82 | ±9.6 % |
| 10624 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle) | WLAN | 8.96 | ± 9.6 % |
| 10625 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) | WLAN | 8.96 | ±9.6 % |
| 10626 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle) | WLAN | 8.83 | ±9.6% |
| 10627 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) | WLAN | 8.88 | ± 9.6 % |
| 10628 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle) | WLAN | 8.71 | ± 9.6 % |
| 10629 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) | WLAN | 8.85 | ±9.6% |
| 10630 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) | WLAN | 8.72 | ± 9.6 % |
| 10631 | AAB | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10632 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) | WLAN | 8.74 | ± 9.6 % |
| 10633 | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) | WLAN | 8.83 | ± 9.6 % |
| 10634 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) | WLAN | 8.80 | ± 9.6 % |
| 10635 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10636 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) | WLAN | 8.83 | ± 9.6 % |
| 10637 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) | | | |
| | | | WLAN | 8.79 | ± 9.6 % |
| 10638 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) | WLAN | 8.86 | ± 9.6 % |
| 10639 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) | WLAN | 8.85 | ± 9.6 % |
| 10640 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) | WLAN | 8.98 | ± 9.6 % |
| 10641 | AAC | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) | WLAN | 9.06 | ± 9.6 % |
| 10642 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) | WLAN | 9.06 | ± 9.6 % |
| 10643 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) | WLAN | 8.89 | ± 9.6 % |
| 10644 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) | WLAN | 9.05 | ± 9.6 % |
| 10645 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) | WLAN | 9.11 | ± 9.6 % |
| 10646 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10648 | | CDMA2000 (1x Advanced) | CDMA2000 | 3.45 | ±9.6 % |
| 10070 | ΔΔΔ | | | | T 3.0 /0 |
| 10652 | AAA | | | *********** | |
| 10652 | AAD | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.91 | ± 9.6 % |
| 10652 10653 10654 | | | | *********** | |

| 10859 AAA Pulse Waveform (2019Hz, 1995) Test 5.00 2.50 5.00 1.50 5.0 | 10655 | TAAE | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | 1060/ |
|--|---------------|-------------|---|-------------|--------------|---|
| 196860 | | | Pulse Waveform (200Hz, 10%) | · | | ±9.6% |
| 19686 | | | | ·{ | | |
| 10662 | | · | | | | |
| 10620 AAA Bluetonth Low Energy Bluetonth Low Energy 10671 AAA Bleet B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 9.09 ±9.6 % 10673 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 9.09 ±9.6 % 10673 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.76 ±9.6 % 10673 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.76 ±9.6 % 10674 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.76 ±9.6 % 10675 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.76 ±9.6 % 10676 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.73 ±9.6 % 10677 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.73 ±9.6 % 10678 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.73 ±9.6 % 10679 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.73 ±9.6 % 10679 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.89 ±9.6 % 10680 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.89 ±9.6 % 10681 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.89 ±9.6 % 10681 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.89 ±9.6 % 10682 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.60 ±9.6 % 10683 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.62 ±9.6 % 10684 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.62 ±9.6 % 10684 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.62 ±9.6 % 10686 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.65 ±9.6 % 10688 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.65 ±9.6 % 10688 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.65 ±9.6 % 10688 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.65 ±9.6 % 10688 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.65 ±9.6 % 10688 AAA EEE B02.11ax (20MHz, MCSI, 90pc duty cycle) WLAN 8.65 | | | | | | |
| 10672 | 10662 | AAA | | | | |
| 10872 | 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2.19 | ± 9.6 % |
| 10674 AAA IEEE 802.11ax (ZOMHz, MCS3, 9)pc duty cycle) | $\overline{}$ | AAA | | WLAN | 9.09 | ± 9.6 % |
| 10675 | | | IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) | | | |
| 10676 AAA IEEE 802.11ax (ZOMHz, MCSS, 90pc duty cycle) | | | | | | |
| 10676 | | | | | | |
| 10677 | | | | | | |
| 10678 | | | | | | |
| 10879 | | | | | - | |
| 10880 | | | | | | |
| 10881 | | | | | | |
| 10882 | | | | | | |
| 10883 | | | | | [| |
| 10884 | | | | | | |
| 10685 | | | | | | |
| 10886 | | | | | | |
| 10687 | | - | | | | |
| 10689 | 10687 | AAA | IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle) | WLAN | | |
| 10690 | | | | | | ± 9.6 % |
| 10691 | | | | | | ± 9.6 % |
| 10692 | | | | | | |
| 10693 | | | | | | |
| 10694 | | | | | | |
| 10695 | | | | | | |
| 10696 | | | | | ···· | |
| 10697 | | 1 | | | | |
| 10688 | | · | | | | |
| 10699 | | | | | | |
| 10700 AAA IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle) | *** | | | | | |
| 10701 AAA IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle) | 1 | , | | | | |
| 10702 | | | | | | |
| 10703 AAA IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle) | | | | | | |
| 10704 AAA IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle) | 10703 | AAA | | | | |
| 10705 | 10704 | AAA | IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle) | | 8.56 | |
| 10707 AAA IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle) | | | IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle) | | | |
| 10708 AAA IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle) WLAN 8.55 ± 9.6 % 10709 AAA IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle) WLAN 8.33 ± 9.6 % 10710 AAA IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle) WLAN 8.29 ± 9.6 % 10711 AAA IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10712 AAA IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle) WLAN 8.67 ± 9.6 % 10713 AAA IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle) WLAN 8.33 ± 9.6 % 10714 AAA IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle) WLAN 8.26 ± 9.6 % 10715 AAA IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10716 AAA IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle) WLAN 8.30 ± 9.6 % 10717 AAA IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle) WLAN 8.48 ± 9.6 % 10718 AAA IEEE 802.11ax (80MHz, MCS0, 90pc duty | 10706 | AAA | | WLAN | 8.66 | ± 9.6 % |
| 10709 AAA IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle) WLAN 8.33 ± 9.6 % 10710 AAA IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle) WLAN 8.29 ± 9.6 % 10711 AAA IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10712 AAA IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle) WLAN 8.67 ± 9.6 % 10713 AAA IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle) WLAN 8.33 ± 9.6 % 10714 AAA IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle) WLAN 8.33 ± 9.6 % 10715 AAA IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10715 AAA IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10717 AAA IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle) WLAN 8.48 ± 9.6 % 10718 AAA IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle) WLAN 8.81 ± 9.6 % 10720 AAA IEEE 802.11ax (80MHz, MCS1, 90pc duty | | | | | | |
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| 10711 AAA IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10712 AAA IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle) WLAN 8.67 ± 9.6 % 10713 AAA IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle) WLAN 8.33 ± 9.6 % 10714 AAA IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle) WLAN 8.26 ± 9.6 % 10715 AAA IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10716 AAA IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle) WLAN 8.30 ± 9.6 % 10717 AAA IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle) WLAN 8.48 ± 9.6 % 10718 AAA IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle) WLAN 8.24 ± 9.6 % 10719 AAA IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10720 AAA IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10721 AAA IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle) WLAN 8.75 ± 9.6 % 10723 | | | | | | |
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| 10715 AAA IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10716 AAA IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle) WLAN 8.30 ± 9.6 % 10717 AAA IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle) WLAN 8.48 ± 9.6 % 10718 AAA IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle) WLAN 8.24 ± 9.6 % 10719 AAA IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10720 AAA IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10721 AAA IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10722 AAA IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle) WLAN 8.75 ± 9.6 % 10723 AAA IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10724 AAA IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10726 AAA IEEE 802.11ax (80MHz, MCS6, 90pc duty | | | | | | |
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| 10717 AAA IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle) WLAN 8.48 ± 9.6 % 10718 AAA IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle) WLAN 8.24 ± 9.6 % 10719 AAA IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10720 AAA IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10721 AAA IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10722 AAA IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle) WLAN 8.55 ± 9.6 % 10723 AAA IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10724 AAA IEEE 802.11ax (80MHz, MCS5, 90pc duty cycle) WLAN 8.90 ± 9.6 % 10725 AAA IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10726 AAA IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle) WLAN 8.72 ± 9.6 % | | | | | | |
| 10718 AAA IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle) WLAN 8.24 ± 9.6 % 10719 AAA IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10720 AAA IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10721 AAA IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10722 AAA IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle) WLAN 8.55 ± 9.6 % 10723 AAA IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10724 AAA IEEE 802.11ax (80MHz, MCS5, 90pc duty cycle) WLAN 8.90 ± 9.6 % 10725 AAA IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10726 AAA IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle) WLAN 8.72 ± 9.6 % | | | | | | |
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| 10725 AAA IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10726 AAA IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle) WLAN 8.72 ± 9.6 % | | | | | | |
| 10726 AAA IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle) WLAN 8.72 ± 9.6 % | | | | | | |
| | | | | | | |
| TU/2/ AAA IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle) WLAN 8.66 ± 9.6 % | | | | | | |
| | 10/2/ | LAAA | IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle) | WLAN | 8.66 | ± 9.6 % |

| 10-00 | | | ~ - | T | |
|-------|-----|--|----------------|------|---------|
| 10728 | AAA | IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle) | WLAN | 8.65 | ±9.6% |
| 10729 | AAA | IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle) | WLAN | 8.64 | ± 9.6 % |
| 10730 | AAA | IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle) | WLAN | 8.67 | ± 9.6 % |
| 10731 | AAA | IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10732 | AAA | IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle) | WLAN | 8.46 | ± 9.6 % |
| 10733 | AAA | IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle) | WLAN | 8.40 | ± 9.6 % |
| 10734 | AAA | IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle) | WLAN | 8.25 | ± 9.6 % |
| 10735 | AAA | IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle) | WLAN | 8.33 | ± 9.6 % |
| 10736 | AAA | IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle) | WLAN | 8.27 | ± 9.6 % |
| 10737 | AAA | IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle) | WLAN | 8.36 | ±9.6 % |
| 10738 | AAA | IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle) | WLAN | 8.42 | ±9.6 % |
| 10739 | AAA | IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle) | WLAN | 8.29 | ±9.6 % |
| 10740 | AAA | IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle) | WLAN | 8.48 | ± 9.6 % |
| 10741 | AAA | IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle) | WLAN | 8.40 | ± 9.6 % |
| 10742 | AAA | IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle) | WLAN | 8.43 | ± 9.6 % |
| 10743 | AAA | IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10744 | AAA | IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle) | WLAN | 9.16 | ± 9.6 % |
| 10745 | AAA | IEEE 802.11ax (160MHz, MCS2, 90pc duty cycle) | WLAN | 8.93 | ± 9.6 % |
| 10746 | AAA | IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle) | WLAN | 9.11 | ± 9.6 % |
| 10747 | AAA | IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle) | WLAN | 9.04 | ± 9.6 % |
| 10748 | AAA | IEEE 802.11ax (160MHz, MCS5, 90pc duty cycle) | WLAN | 8.93 | ± 9.6 % |
| 10749 | AAA | IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle) | WLAN | 8.90 | ± 9.6 % |
| 10750 | AAA | IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle) | WLAN | 8.79 | ± 9.6 % |
| 10751 | AAA | IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ±9.6 % |
| 10752 | AAA | IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle) | WLAN | 8.81 | ±9.6 % |
| 10753 | AAA | IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle) | WLAN | 9.00 | ±9.6 % |
| 10754 | AAA | IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle) | WLAN | 8.94 | ± 9.6 % |
| 10755 | AAA | IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle) | WLAN | 8.64 | ±9.6 % |
| 10756 | AAA | IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle) | WLAN | 8.77 | ± 9.6 % |
| 10757 | AAA | IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle) | WLAN | 8.77 | ±9.6 % |
| 10758 | AAA | IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.69 | ± 9.6 % |
| 10759 | AAA | IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle) | WLAN | 8.58 | ± 9.6 % |
| 10760 | AAA | IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle) | WLAN | 8.49 | ±9.6 % |
| 10761 | AAA | IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle) | WLAN | 8.58 | ± 9.6 % |
| 10762 | AAA | IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10763 | AAA | IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle) | WLAN | 8.53 | ± 9.6 % |
| 10764 | AAA | IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle) | WLAN | 8.54 | ± 9.6 % |
| 10765 | AAA | IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle) | WLAN | 8.54 | ± 9.6 % |
| 10766 | AAA | IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle) | WLAN | 8.51 | ± 9.6 % |

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service

Accreditation No.: SCS 0108

S

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Client

PC Test

Certificate No: EX3-3914_Feb19

CALIBRATION CERTIFICATE

Object EX3DV4 - SN:3914

Calibration procedure(s) QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v5, QA CAL-23.v5,

QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

BN

Calibration date:

February 19, 2019

01-26-2019

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).

The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID | Cal Date (Certificate No.) | Scheduled Calibration |
|----------------------------|------------------|-----------------------------------|------------------------|
| Power meter NRP | SN: 104778 | 04-Apr-18 (No. 217-02672/02673) | Apr-19 |
| Power sensor NRP-Z91 | SN: 103244 | 04-Apr-18 (No. 217-02672) | Apr-19 |
| Power sensor NRP-Z91 | SN: 103245 | 04-Apr-18 (No. 217-02673) | Apr-19 |
| Reference 20 dB Attenuator | SN: S5277 (20x) | 04-Apr-18 (No. 217-02682) | Apr-19 |
| DAE4 | SN: 660 | 19-Dec-18 (No. DAE4-660_Dec18) | Dec-19 |
| Reference Probe ES3DV2 | SN: 3013 | 31-Dec-18 (No. ES3-3013_Dec18) | Dec-19 |
| Secondary Standards | ID | Check Date (in house) | Scheduled Check |
| Power meter E4419B | SN: GB41293874 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| Power sensor E4412A | SN: MY41498087 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| Power sensor E4412A | SN: 000110210 | 06-Apr-16 (in house check Jun-18) | In house check: Jun-20 |
| RF generator HP 8648C | SN: US3642U01700 | 04-Aug-99 (in house check Jun-18) | In house check: Jun-20 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-18) | In house check: Oct-19 |

Calibrated by:

Name
Function
Signature

Laboratory Technician

Approved by:

Katja Pokovic
Technical Manager

Issued: February 20, 2019

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF

sensitivity in TSL / NORMx,y,z diode compression point

DCP CF

crest factor (1/duty_cycle) of the RF signal

A, B, C, D

modulation dependent linearization parameters

Polarization φ

φ rotation around probe axis

Polarization 9

9 rotation around an axis that is in the plane normal to probe axis (at measurement center),

i.e., 9 = 0 is normal to probe axis

Connector Angle

Certificate No: EX3-3914_Feb19

information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide).
 NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3914

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|--|----------|----------|----------|-----------|
| Norm (μV/(V/m) ²) ^A | 0.46 | 0.41 | 0.44 | ± 10.1 % |
| DCP (mV) ^B | 98.0 | 104.4 | 100.8 | |

Calibration Results for Modulation Response

| UID | Communication System Name | | Α | В | С | Q | VR | Max | Max |
|--------|-----------------------------|---|-------|-------|-------|-------|-------|---------|------------------|
| | | | dB | dB√μV | | dB | mV | dev. | Unc ^E |
| | | | | | | | | | (k=2) |
| 0 | CW | Х | 0.00 | 0.00 | 1.00 | 0.00 | 135.8 | ± 3.3 % | ± 4.7 % |
| | | Υ | 0.00 | 0.00 | 1.00 | | 149.1 | | |
| | | Z | 0.00 | 0.00 | 1.00 | | 130.4 | | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 11.50 | 82.25 | 17.46 | 10.00 | 60.0 | ± 2.9 % | ± 9.6 % |
| AAA | | Υ | 13.06 | 84.85 | 18.88 | | 60.0 | | |
| | | Z | 15.00 | 85.74 | 19.04 | | 60.0 | | |
| 10353- | Pulse Waveform (200Hz, 20%) | Х | 15.00 | 85.61 | 17.12 | 6.99 | 80.0 | ± 1.7 % | ± 9.6 % |
| AAA | | Υ | 15.00 | 87.20 | 18.40 | | 80.0 | • | |
| | | Z | 15.00 | 86.88 | 18.11 | | 80.0 | | |
| 10354- | Pulse Waveform (200Hz, 40%) | Х | 15.00 | 85.07 | 15.18 | 3.98 | 95.0 | ± 1.1 % | ± 9.6 % |
| AAA | | Υ | 15.00 | 89.57 | 18.09 | | 95.0 | | |
| | | Z | 15.00 | 87.22 | 16.52 | | 95.0 | | |
| 10355- | Pulse Waveform (200Hz, 60%) | Х | 0.82 | 65.05 | 7.38 | 2.22 | 120.0 | ± 1.2 % | ± 9.6 % |
| AAA | | Y | 15.00 | 94.17 | 19.03 | | 120.0 | | |
| | | Z | 15.00 | 84.14 | 13.59 | | 120.0 | | |
| 10387- | QPSK Waveform, 1 MHz | Х | 0.56 | 60.35 | 7.26 | 0.00 | 150.0 | ± 2.8 % | ± 9.6 % |
| AAA | | Υ | 0.80 | 64.04 | 10.54 | | 150.0 | | |
| | | Z | 0.51 | 60.00 | 6.79 | | 150.0 | | |
| 10388- | QPSK Waveform, 10 MHz | X | 2.18 | 68.24 | 15.67 | 0.00 | 150.0 | ± 1.2 % | ± 9.6 % |
| AAA | | Υ | 2.41 | 70.06 | 16.91 | | 150.0 | | |
| | | Z | 2.04 | 67.38 | 15.28 | | 150.0 | | |
| 10396- | 64-QAM Waveform, 100 kHz | Х | 2.71 | 69.05 | 18.06 | 3.01 | 150.0 | ± 0.7 % | ± 9.6 % |
| AAA | | Υ | 3.50 | 74.05 | 20.22 | | 150.0 | | |
| | | Z | 2.76 | 69.32 | 18.16 | | 150.0 | | |
| 10399- | 64-QAM Waveform, 40 MHz | X | 3.50 | 67.38 | 15.86 | 0.00 | 150.0 | ± 2.2 % | ± 9.6 % |
| AAA | | Y | 3.57 | 67.89 | 16.25 | | 150.0 | | |
| | | Z | 3.38 | 66.82 | 15.58 | | 150.0 | | |
| 10414- | WLAN CCDF, 64-QAM, 40MHz | X | 4.87 | 65.94 | 15.72 | 0.00 | 150.0 | ± 4.2 % | ± 9.6 % |
| AAA | | Υ | 4.84 | 65.99 | 15.74 | 1 | 150.0 | | |
| | | Z | 4.71 | 65.47 | 15.46 | 1 | 150.0 | 1 | |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

B Numerical linearization parameter: uncertainty not required.

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3914

Sensor Model Parameters

| | C1 fF | C2 fF | α V ⁻¹ | T1 ms.V ⁻² | T2 ms.V ⁻¹ | T3 ms | T4 V⁻² | T5 V ⁻¹ | Т6 |
|---|----------|----------|----------------------|--------------------------|--------------------------|----------|-----------|-----------------------|------|
| Х | 42.5 | 324.17 | 36.82 | 9.95 | 0.55 | 5.06 | 0.00 | 0.49 | 1.01 |
| Υ | 42.9 | 310.45 | 33.81 | 12.34 | 0.63 | 5.02 | 2.00 | 0.15 | 1.01 |
| Z | 39.7 | 301.66 | 36.55 | 9.75 | 0.75 | 5.05 | 0.45 | 0.44 | 1.01 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle (°) | 0.5 |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disabled |
| Probe Overall Length | 337 mm |
| Probe Body Diameter | 10 mm |
| Tip Length | 9 mm |
| Tip Diameter | 2.5 mm |
| Probe Tip to Sensor X Calibration Point | 1 mm |
| Probe Tip to Sensor Y Calibration Point | 1 mm |
| Probe Tip to Sensor Z Calibration Point | 1 mm |
| Recommended Measurement Distance from Surface | 1.4 mm |

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3914

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity (S/m) F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|----------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 6 | 55.5 | 0.75 | 21.24 | 21.24 | 21.24 | 0.00 | 1.00 | ± 13.3 % |
| 13 | 55.5 | 0.75 | 18.06 | 18.06 | 18.06 | 0.00 | 1.00 | ± 13.3 % |
| 750 | 41.9 | 0.89 | 10.00 | 10.00 | 10.00 | 0.54 | 0.82 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 9.50 | 9.50 | 9.50 | 0.50 | 0.86 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 8.16 | 8.16 | 8.16 | 0.41 | 0.80 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 7.80 | 7.80 | 7.80 | 0.40 | 0.84 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 7.44 | 7.44 | 7.44 | 0.37 | 0.84 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 7.13 | 7.13 | 7.13 | 0.39 | 0.86 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 7.11 | 7.11 | 7.11 | 0.39 | 0.89 | ± 12.0 % |
| 3500 | 37.9 | 2.91 | 6.99 | 6.99 | 6.99 | 0.25 | 1.20 | ± 13.1 % |
| 3700 | 37.7 | 3.12 | 6.75 | 6.75 | 6.75 | 0.25 | 1.20 | ± 13.1 % |
| 5250 | 35.9 | 4.71 | 5.19 | 5.19 | 5.19 | 0.40 | 1.80 | ± 13.1 % |
| 5600 | 35.5 | 5.07 | 4.73 | 4.73 | 4.73 | 0.40 | 1.80 | ± 13.1 % |
| 5750 | 35.4 | 5.22 | 4.90 | 4.90 | 4.90 | 0.40 | 1.80 | ± 13.1 % |

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3914

Calibration Parameter Determined in Body Tissue Simulating Media

| f (MHz) ^c | Relative Permittivity ^F | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 750 | 55.5 | 0.96 | 9.73 | 9.73 | 9.73 | 0.54 | 0.84 | ± 12.0 % |
| 835 | 55.2 | 0.97 | 9.46 | 9.46 | 9.46 | 0.50 | 0.80 | ± 12.0 % |
| 1750 | 53.4 | 1.49 | 7.89 | 7.89 | 7.89 | 0.38 | 0.84 | ± 12.0 % |
| 1900 | 53.3 | 1.52 | 7.60 | 7.60 | 7.60 | 0.29 | 1.03 | ± 12.0 % |
| 2300 | 52.9 | 1.81 | 7.43 | 7.43 | 7.43 | 0.38 | 0.84 | ± 12.0 % |
| 2450 | 52.7 | 1.95 | 7.34 | 7.34 | 7.34 | 0.33 | 0.87 | ± 12.0 % |
| 2600 | 52.5 | 2.16 | 7.15 | 7.15 | 7.15 | 0.26 | 0.97 | ± 12.0 % |
| 3500 | 51.3 | 3.31 | 6.88 | 6.88 | 6.88 | 0.25 | 1.15 | ± 13.1 % |
| 3700 | 51.0 | 3.55 | 6.58 | 6.58 | 6.58 | 0.30 | 1.15 | ± 13.1 % |
| 5250 | 48.9 | 5.36 | 4.61 | 4.61 | 4.61 | 0.50 | 1.90 | ± 13.1 % |
| 5600 | 48.5 | 5.77 | 3.92 | 3.92 | 3.92 | 0.50 | 1.90 | ± 13.1 % |
| 5750 | 48.3 | 5.94 | 4.05 | 4.05 | 4.05 | 0.50 | 1.90 | ± 13.1 % |

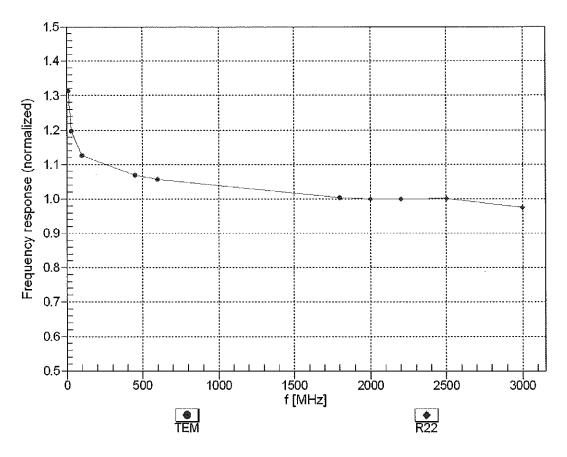
^C Frequency validity above 300 MHz of \pm 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to \pm 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is \pm 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to \pm 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to \pm 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to \pm 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters.

Galpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



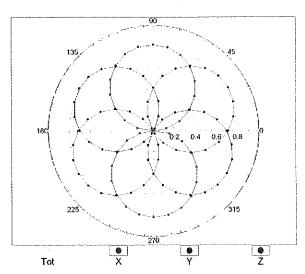
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

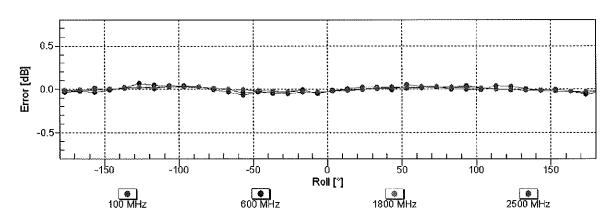
February 19, 2019 EX3DV4-SN:3914

Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

f=600 MHz,TEM

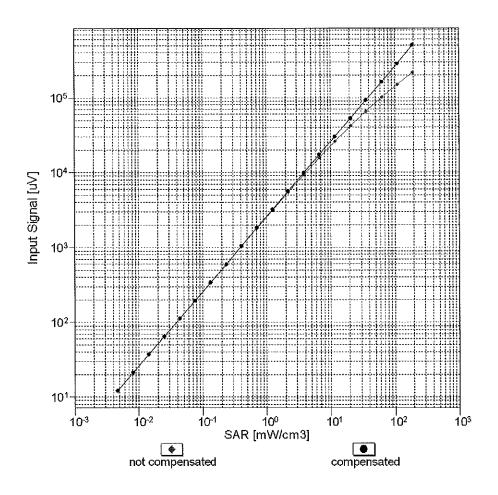
f=1800 MHz,R22

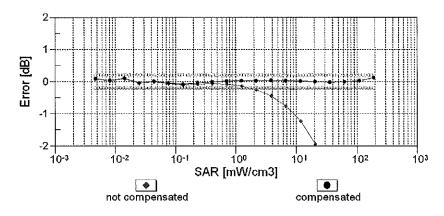




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

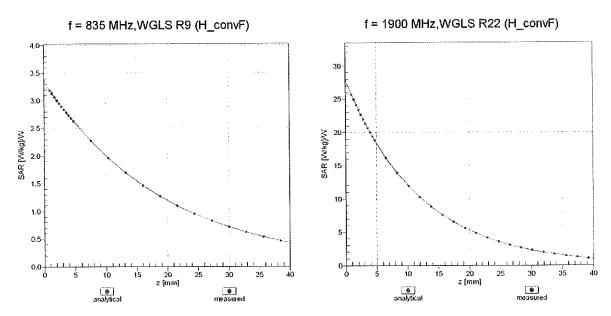
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)





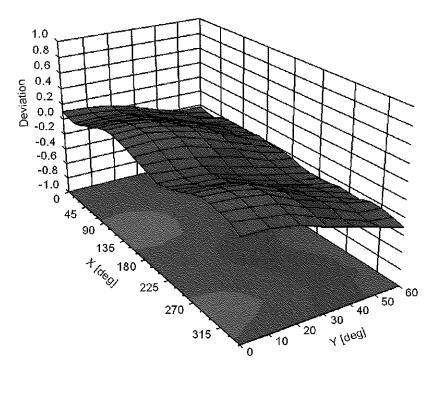
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, ϑ) , f = 900 MHz



EX3DV4-SN:3914

Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR | Unc |
|-------|-----|---|-----------|-------|---------|
| | | | | (dB) | (k=2) |
| 0 | | CM | CW | 0.00 | ± 4.7 % |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 10.00 | ± 9.6 % |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ± 9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ± 9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ± 9.6 % |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9,55 | ± 9.6 % |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ± 9.6 % |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 3.55 | ± 9.6 % |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | GSM | 7.78 | ± 9.6 % |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) | Bluetooth | 5.30 | ± 9.6 % |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3) | Bluetooth | 1.87 | ± 9.6 % |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | Bluetooth | 1.16 | ± 9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ± 9.6 % |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | Bluetooth | 4.53 | ± 9.6 % |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ± 9.6 % |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ± 9.6 % |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ±9.6 % |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ± 9.6 % |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ± 9.6 % |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ± 9.6 % |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ± 9.6 % |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ± 9.6 % |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ± 9.6 % |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | TD-SCDMA | 11.01 | ± 9.6 % |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | GSM | 6.52 | ± 9.6 % |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) | WLAN | 2.12 | ± 9.6 % |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.83 | ± 9.6 % |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) | WLAN | 3.60 | ± 9.6 % |
| 10062 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ± 9.6 % |
| 10063 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ±9.6% |
| 10064 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 % |
| 10065 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ± 9.6 % |
| 10066 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | WLAN | 9.38 | ± 9.6 % |
| 10067 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) | WLAN | 10.12 | ±9.6% |
| 10068 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.24 | ±9.6% |
| 10069 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ±9.6% |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 % |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.62 | ± 9.6 % |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ± 9.6 % |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ± 9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ± 9.6 % |
| 10097 | CAB | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ± 9.6 % |
| 10098 | CAB | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ± 9.6 % |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 % |
| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 % |
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10103 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.01 | ± 9.6 % |
| 10108 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ± 9.6 % |

| 140400 | | LITE EDD (OO EDMA 4000/ DB 40 MILL 40 CAND | LUTE EDD | 0.40 | |
|----------------|------------|---|--------------------|---------------|--------------------|
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD LTE-FDD | 6.44 6.59 | ± 9.6 % ± 9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10114 | CAC | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) | WLAN | 8.10 | ±9.6% |
| 10115 | CAC | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | WLAN | 8.46 | ± 9.6 % |
| 10116 | CAC | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN | 8.15 | ± 9.6 % |
| 10117 | CAC | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ± 9.6 % |
| 10118 | CAC | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ± 9.6 % |
| 10119 | CAC | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.53 | ± 9.6 % |
| 10142 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10143 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.35 | ± 9.6 % |
| 10144 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ±9.6% |
| 10145 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.76 | ±9.6 % |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.41 | ± 9.6 % |
| 10147 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.72 | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ±9.6% |
| 10150 10151 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ±9.6% |
| | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TDD | 9.28 | ±9.6% |
| 10152 10153 | CAG CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-TDD LTE-TDD | 9.92 10.05 | ± 9.6 % ± 9.6 % |
| 10153 | CAG | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 04-QAM) | LTE-FDD | 5.75 | ± 9.6 % |
| 10155 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-FDD | 5.79 | ± 9.6 % |
| 10157 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10159 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ±9.6% |
| 10160 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 5.82 | ± 9.6 % |
| 10161 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10162 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ± 9.6 % |
| 10166 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.46 | ±9.6% |
| 10167 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.21 | ±9.6% |
| 10168 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.79 | ± 9.6 % |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6 % |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 9.48 10.25 | ± 9.6 % |
| 10174 | | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10175 10176 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10177 | CAI | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10181 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ± 9.6 % |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10189 | AAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10193 | CAC | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | 8.09 | ±9.6% |
| 10194 | CAC | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 8.21 | ± 9.6 % |
| 10195 | CAC | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ±9.6 % ±9.6 % |
| 10196 10197 | CAC | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.13 | ± 9.6 % |
| 10197 | CAC | IEEE 802.11n (HT Mixed, 39 Mbps, 10-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10219 | CAC | IEEE 802.11n (HT Mixed, 03 Mbps, 04-QAM) | WLAN | 8.03 | ± 9.6 % |
| 10210 | 1 0, 10 | | | | /0 |

| 10220 | CAC | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | 100 000 | 0.40 | |
|----------------|-----|---|----------|-------|---------|
| 10221 | CAC | | WLAN | 8.13 | ± 9.6 % |
| 10221 | CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10223 | CAC | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) | WLAN | 8.06 | ±9.6% |
| 10223 | | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | WLAN | 8.48 | ± 9.6 % |
| 10224 | CAC | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.08 | ± 9.6 % |
| 10225 | | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ±9.6% |
| | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ±9.6% |
| 10227 | CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ±9.6% |
| 10228 | | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ± 9.6 % |
| 10229 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6% |
| 10230 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6% |
| 10231 10232 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9,19 | ± 9.6 % |
| | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6% |
| 10233 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6% |
| 10234 | CAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10235 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10236 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6% |
| 10241 | CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ± 9.6 % |
| 10242 | CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 9.86 | ±9.6% |
| 10243 | CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.46 | ±9.6 % |
| 10244 | CAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10245 | CAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-TDD | 10.06 | ±9.6% |
| 10246 | CAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ±9.6% |
| 10247 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.91 | ±9.6% |
| 10248 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ±9.6% |
| 10250 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.81 | ±9.6% |
| 10251 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.17 | ±9.6 % |
| 10252 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 % |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ±9.6% |
| 10256 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ± 9.6 % |
| 10257 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ± 9.6 % |
| 10258 | CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ±9.6% |
| 10259 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ±9.6% |
| 10260 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10261 | CAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10262 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ± 9.6 % |
| 10263 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.16 | ± 9.6 % |
| 10264 | CAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ± 9.6 % |
| 10265 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TOD | 9.92 | ± 9.6 % |
| 10266 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | ±9.6 % |
| 10267 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ±9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TOD | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ± 9.6 % |
| 10274 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.10) | WCDMA | 4.87 | ± 9.6 % |
| | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11.81 | ± 9.6 % |
| 10279 10290 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | PHS | 12.18 | ± 9.6 % |
| | AAB | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ± 9.6 % |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ±9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ±9.6% |
| 10293 10295 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | ± 9.6 % |
| | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 12.49 | ±9.6% |
| 10297 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ±9.6% |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 5.72 | ±9.6% |
| 10233 | ~~ט | LILITUD (GOT DIVIN, GO /6 ND, 3 WITZ, TO GAWI) | LTE-FDD | 6.39 | ± 9.6 % |

| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
|----------------|------------|---|---|--------------|--------------------|
| 10300 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10301 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL | WiMAX | 12.57 | ±9.6 % |
| 10002 | 7001 | symbols) | *************************************** | 12.01 | |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WIMAX | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 | WiMAX | 15.24 | ± 9.6 % |
| | | symbols) | | | - |
| 10306 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 | WiMAX | 14.67 | ±9.6% |
| | | symbols) | | | |
| 10307 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 | WiMAX | 14.49 | ± 9.6 % |
| | | symbols) | | | |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 | WiMAX | 14.58 | ± 9.6 % |
| | | symbols) | | 44.55 | |
| 10310 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 | WiMAX | 14.57 | ± 9.6 % |
| 10011 | | symbols) | LTE EDD | | 1060 |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ± 9.6 % |
| 10313 | AAA | IDEN 1:3 | IDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | IDEN 1:6 | IDEN | 13.48 | ±9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) | WLAN WLAN | 1.71 8.36 | ± 9.6 % ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WIFI 5.4 GHz (ERF-OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10317 10352 | AAC | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10352 | AAA AAA | Pulse Waveform (200Hz, 10%) | Generic | 6.99 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ±9.6% |
| 10354 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ±9.6 % |
| 10336 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10400 | AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.37 | ± 9.6 % |
| 10401 | AAD | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAD | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.53 | ±9.6% |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ±9.6% |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ±9.6% |
| 10410 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| | ' | Subframe=2,3,4,7,8,9, Subframe Conf=4) | | | |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ±9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, | WLAN | 8.14 | ±9.6% |
| | | Long preambule) | | | ! |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, | WLAN | 8.19 | ± 9.6 % |
| | | Short preambule) | 144 44 | | |
| 10422 | AAB | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10423 | AAB | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ± 9.6 % |
| 10424 | AAB | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN WLAN | 8.40 | ± 9.6 % |
| 10425 | AAB | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | | 8.41 | ± 9.6 % |
| 10426 | AAB | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ± 9.6 % |
| 10427 | AAB | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN LTE-FDD | 8.41 | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FDD | 8.38 8.34 | ± 9.6 % |
| 10432 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10433 10434 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 % |
| 10434 | AAA | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| 10430 | AVAF | Subframe=2,3,4,7,8,9) | [[] | 7.02 | |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |
| 10448 | AAD | LTE-FDD (OF DMA, 10 MHz, E-TM 3.1, Clippin 44%) | LTE-FDD | 7.53 | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) | LTE-FDD | 7.51 | ± 9.6 % |
| 10450 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.48 | ± 9.6 % |
| | 1.0.0 | , | | | |

| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ± 9.6 % |
|-----------|--------------|---|----------|------|-----------|
| 10456 | AAB | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| | ' ' ' ' | Subframe=2,3,4,7,8,9) | | 1.02 | 20.070 |
| 10462 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL | LTE-TDD | 8.30 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | 0.00 | 20.070 |
| 10463 | AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL | LTE-TDD | 8.56 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | -, | |
| 10464 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL | LTE-TDD | 7.82 | ±9.6% |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10465 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL | LTE-TDD | 8.32 | ±9.6% |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10466 | AAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL | LTE-TDD | 8.57 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10467 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10468 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL | LTE-TDD | 8.32 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10469 | AAE | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL | LTE-TDD | 8.56 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10470 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10471 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL | LTE-TDD | 8.32 | ± 9.6 % |
| | L | Subframe=2,3,4,7,8,9) | | | |
| 10472 | AAE | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL | LTE-TDD | 8.57 | ± 9.6 % |
| 40.470 | | Subframe=2,3,4,7,8,9) | | | |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL | LTE-TDD | 7.82 | ± 9.6 % |
| 40474 | 0.05 | Subframe=2,3,4,7,8,9) | | 0.00 | |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | A A F | Subframe=2,3,4,7,8,9) | LTE TOD | 0.57 | 4.0.0.0/ |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL | LTE-TDD | 8.32 | ± 9.6 % |
| 10411 | /// | Subframe=2,3,4,7,8,9) | LIE-IDD | 0.32 | 19.0 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL | LTE-TDD | 8.57 | ± 9.6 % |
| 10470 | /**\i | Subframe=2,3,4,7,8,9) | LIL-100 | 0.57 | 1 9.0 % |
| 10479 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL | LTE-TDD | 7.74 | ± 9.6 % |
| 10410 | 7000 | Subframe=2,3,4,7,8,9) | CIC-IDD | ,,,- | 1 2.0 % |
| 10480 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL | LTE-TDD | 8.18 | ± 9.6 % |
| .0100 | """ | Subframe=2,3,4,7,8,9) | 212 100 | 0.10 | 1 20.0 70 |
| 10481 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL | LTE-TDD | 8.45 | ± 9.6 % |
| , , , , , | ' " " ' | Subframe=2,3,4,7,8,9) | | | |
| 10482 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL | LTE-TDD | 7.71 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10483 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL | LTE-TDD | 8.39 | ± 9.6 % |
| = | - | Subframe=2,3,4,7,8,9) | | | |
| 10484 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL | LTE-TDD | 8.47 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10485 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL | LTE-TDD | 7.59 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10486 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL | LTE-TDD | 8.38 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10487 | AAE | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL | LTE-TDD | 8.60 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10488 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL | LTE-TDD | 7.70 | ± 9.6 % |
| | | Subframe=2,3,4,7,8,9) | | | |
| 10489 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL | LTE-TDD | 8.31 | ± 9.6 % |
| | <u> </u> | Subframe=2,3,4,7,8,9) | | | |
| 10490 | AAE | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL | LTE-TDD | 8.54 | ± 9.6 % |
| | L.,_ | Subframe=2,3,4,7,8,9) | | | |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL | LTE-TDD | 7.74 | ± 9.6 % |
| 10431 | 1 | Subframe=2,3,4,7,8,9) | • | | |

| 10492 AAE LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL LTE-TDD 8.41 ± 9.6 % Subframe-2,34,78,9 Subframe-2,34,78,9 Subframe-2,34,78,9 Subframe-2,34,78,9 Subframe-2,34,78,9 Subframe-2,34,78,9 Subframe-2,34,78,9 Subframe-2,34,78,9 Subframe-2,34,78,8 Sub |
|--|
| 10494 AAF |
| ASURTame=2,3,4,7,8,9 ASP LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL LTE-TDD 7.74 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 |
| 10494 |
| AS LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,3.4,7,8,9) |
| 10496 AAF |
| Subframe=2,3,4,7,8,9 Subf |
| Subframe=2,3,4,7,8,9 AAA LTE-TDD SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL LTE-TDD S.0. |
| 10497 |
| Subframe=2,3,4,7,8,9 AAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL LTE-TDD B.6.8 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4, |
| 10498 |
| Subframe=2,3,4,7,8,9 10499 |
| 10499 |
| Subframe=2,3,4,7,8,9 10500 AAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL LTE-TDD 7.67 ±9.6 % Subframe=2,3,4,7,8,9 10501 AAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL LTE-TDD 8.44 ±9.6 % Subframe=2,3,4,7,8,9 10502 AAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL LTE-TDD 8.52 ±9.6 % Subframe=2,3,4,7,8,9 10504 AAE LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL LTE-TDD 7.72 ±9.6 % Subframe=2,3,4,7,8,9 10504 AAE LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL LTE-TDD 8.31 ±9.6 % Subframe=2,3,4,7,8,9 10506 AAE LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL LTE-TDD 8.54 ±9.6 % Subframe=2,3,4,7,8,9 10507 AAE LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL LTE-TDD 7.74 ±9.6 % Subframe=2,3,4,7,8,9 10508 AAE LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL LTE-TDD 8.36 ±9.6 % Subframe=2,3,4,7,8,9 10508 AAE LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL LTE-TDD 8.36 ±9.6 % Subframe=2,3,4,7,8,9 10508 AAE LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL LTE-TDD 8.55 ±9.6 % Subframe=2,3,4,7,8,9 10509 AAE LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL LTE-TDD 7.99 ±9.6 % Subframe=2,3,4,7,8,9 10510 AAE LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL LTE-TDD 8.49 ±9.6 % Subframe=2,3,4,7,8,9 10511 AAE LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL LTE-TDD 8.49 ±9.6 % Subframe=2,3,4,7,8,9 10511 AAE LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.49 ±9.6 % Subframe=2,3,4,7,8,9 10513 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.49 ±9.6 % Subframe=2,3,4,7,8,9 10511 AAE LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.49 ±9.6 % 10513 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.49 ±9.6 % 10514 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.49 ±9.6 % 10515 AAA LEEE 802.111a/M VIFI 5 GHz (OFDM, 30 MHz, 99pc duty cycle) WLAN 1.58 |
| 10500 |
| 10501 AAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL LTE-TDD 8.44 ± 9.6 % Subframe=2,3,4,7,8,9 S |
| Subframe=2,3,4,7,8,9 Subf |
| 10502 AAB |
| Subframe=2,3,4,7,8,9 |
| 10503 AAE |
| Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL LTE-TDD 8.31 |
| 10504 AAE |
| Subframe=2,3,4,7,8,9 |
| Subframe=2,3,4,7,8,9 10506 AAE LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL LTE-TDD 17.74 ± 9.6 % Subframe=2,3,4,7,8,9 10507 AAE LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL LTE-TDD 8.36 ± 9.6 % Subframe=2,3,4,7,8,9 10508 AAE LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL LTE-TDD 8.55 ± 9.6 % Subframe=2,3,4,7,8,9 10509 AAE LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL LTE-TDD 7.99 ± 9.6 % Subframe=2,3,4,7,8,9 10510 AAE LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL LTE-TDD 8.49 ± 9.6 % Subframe=2,3,4,7,8,9 10511 AAE LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL LTE-TDD 8.51 ± 9.6 % Subframe=2,3,4,7,8,9 10512 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL LTE-TDD 8.51 ± 9.6 % Subframe=2,3,4,7,8,9 10513 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL LTE-TDD 8.42 ± 9.6 % Subframe=2,3,4,7,8,9 10514 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL LTE-TDD 8.42 ± 9.6 % Subframe=2,3,4,7,8,9 10515 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.42 ± 9.6 % Subframe=2,3,4,7,8,9 10515 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % Subframe=2,3,4,7,8,9 10515 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % Subframe=2,3,4,7,8,9 10515 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MH |
| 10506 |
| Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9 |
| 10507 |
| Subframe=2,3,4,7,8,9 |
| 10508 |
| Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL LTE-TDD T.99 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL LTE-TDD R.49 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL LTE-TDD R.51 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL LTE-TDD T.74 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL LTE-TDD R.42 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD R.45 ± 9.6 % Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9 LEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % LOS16 AAA LEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % LOS16 AAA LEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % LOS18 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) WLAN R.23 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN R.39 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.12 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.12 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.14 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.15 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.15 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.15 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.15 ± 9.6 % LOS20 AAB LEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN R.15 ± 9.6 % LOS20 AAB |
| 10509 AAE |
| 10510 |
| Subframe=2,3,4,7,8,9 |
| 10511 |
| Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 99pc duty cycle) WLAN (SC-MA) (SC-FDMA, 100% RB, 20 MHz, 100% RB, 20 MHz, 100% RB, 20 MHz, |
| 10512 |
| Subframe=2,3,4,7,8,9) 10513 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL LTE-TDD 8.42 ± 9.6 % Subframe=2,3,4,7,8,9) 10514 AAF LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % Subframe=2,3,4,7,8,9) 10515 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % 10516 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.57 ± 9.6 % 10517 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % 10518 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10520 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10526 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10526 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10526 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB |
| 10513 |
| Subframe=2,3,4,7,8,9 |
| Subframe=2,3,4,7,8,9 |
| 10515 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % 10516 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.57 ± 9.6 % 10517 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % 10518 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10519 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10520 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) WLAN 7.97 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 < |
| 10516 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.57 ± 9.6 % 10517 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % 10518 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10519 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10520 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) WLAN 7.97 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 |
| 10517 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) WLAN 1.58 ± 9.6 % 10518 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10519 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10520 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) WLAN 7.97 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 |
| 10518 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10519 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10520 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) WLAN 7.97 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10519 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.39 ± 9.6 % 10520 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) WLAN 7.97 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10520 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ± 9.6 % 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) WLAN 7.97 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10521 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) WLAN 7.97 ± 9.6 % 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10522 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ± 9.6 % 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10523 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.08 ± 9.6 % 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10524 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ± 9.6 % 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10525 AAB IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) WLAN 8.36 ± 9.6 % 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| 10526 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) WLAN 8.42 ± 9.6 % |
| |
| |
| 10528 AAB IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) WLAN 8.36 ± 9.6 % |
| 10529 AAB IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle) WLAN 8.36 ± 9.6 % |
| 10531 AAB IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle) WLAN 8.43 ± 9.6 % |
| 10532 AAB IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle) WLAN 8.29 ± 9.6 % |
| 10533 AAB IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle) WLAN 8.38 ± 9.6 % |
| 10534 AAB IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle) WLAN 8.45 ± 9.6 % |

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|-------|----------|---|----------|----------------|----------|
| 10535 | AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle) | WLAN | 8.45 | ±9.6% |
| 10536 | AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle) | WLAN | 8.32 | ±9.6% |
| 10537 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle) | WLAN | 8.44 | ±9.6% |
| 10538 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle) | WLAN | 8.54 | ±9.6% |
| 10540 | AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle) | WLAN | 8.39 | ±9.6% |
| 10541 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle) | WLAN | 8.46 | ±9.6 % |
| 10542 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle) | WLAN | 8.65 | ±9.6 % |
| 10543 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) | WLAN | 8.65 | ± 9.6 % |
| 10544 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle) | WLAN | 8.47 | ± 9.6 % |
| 10545 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle) | WLAN | 8.55 | ±9.6% |
| 10546 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) | WLAN | 8.35 | ±9.6% |
| 10547 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle) | WLAN | 8.37 | ±9.6% |
| 10550 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) | WLAN | 8.38 | ±9.6% |
| 10551 | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle) | WLAN | 8.50 | ±9.6% |
| 10552 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) | WLAN | 8.45 | ±9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) | WLAN | 8.48 | ±96% |
| 10555 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) | WLAN | 8.47 | ±9.6% |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAC | IEEE 802.11ac WiF (160MHz, MCS3, 99pc duty cycle) | WLAN | 8.61 | ±9.6 % |
| 10560 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) | WLAN | | |
| 10561 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) | WLAN | 8.73 | ±9.6% |
| 10562 | | | | 8.56 | ±9.6% |
| 10562 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) | WLAN | 8.69 | ± 9.6 % |
| | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) | WLAN | 8.77 | ±9.6% |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty | WLAN | 8.25 | ±9.6% |
| 40505 | - A A A | cycle) | 140, 431 | | |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty | WLAN | 8.45 | ± 9.6 % |
| 40500 | | cycle) | | | |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty | WLAN | 8.13 | ± 9.6 % |
| 40507 | + | cycle) | | | |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty | WLAN | 8.00 | ± 9.6 % |
| 10500 | - | cycle) | | | |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty | WLAN | 8.37 | ± 9.6 % |
| 40500 | | cycle) | | | |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty | WLAN | 8.10 | ± 9.6 % |
| 40570 | ļ | cycle) | | | |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty | WLAN | 8.30 | ± 9.6 % |
| 10574 | 1 | cycle) | | | |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) | WLAN | 1.99 | ±9.6% |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) | WLAN | 1.99 | ±96% |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) | WLAN | 1.98 | ±9.6% |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle) | WLAN | 1.98 | ±9.6% |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty | WLAN | 8.59 | ±9.6% |
| | 1 | cycle) | | | |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty | WLAN | 8.60 | ±9.6% |
| | | cycle) | | | |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty | WLAN | 8.70 | ± 9.6 % |
| | ļ | cycle) | | | |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty | WLAN | 8.49 | ± 9.6 % |
| | | cycle) | | | <u> </u> |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty | WLAN | 8.36 | ±9.6 % |
| L | | cycle) | | | |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty | WLAN | 8.76 | ± 9.6 % |
| | | cycle) | | - | |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty | WLAN | 8.35 | ± 9.6 % |
| | | cycle) | | | |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty | WLAN | 8.67 | ± 9.6 % |
| | | cycle) | | and the second | |
| 10583 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
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| 1968 AAS | 10500 | 4 4 5 | LEEE COO 44 / MILE E OU /OEDM COMM. COO. d. t | I SAM AND | 0.70 | 1000 |
|--|-------|--------------|--|-----------|---|-----------|
| 10590 AAB | 10588 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
| 10592 AAB IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle) | | | | | | |
| 10939 AAB | | | | | | |
| 10594 AB | | | | | | |
| 10595 AAB | | | | | | |
| 19596 AAB EEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle) | | | | | | |
| 10596 AAB IEEE 802.11n (HT Mixed, 20MHz, MCSS, 90pc duty cycle) | | | | | | |
| 10589 | | | | | | |
| 10599 | | | | | | |
| 10599 | | | | | | |
| 10600 | · | - | | | | |
| 10601 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle) WLAN 8.94 ± 9.6 % 10603 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) WLAN 9.03 ± 9.6 % 10604 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10605 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10605 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) WLAN 8.97 ± 9.6 % 10606 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10607 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10607 AAB IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10609 AAB IEEE 802.11n (WT Mixed, 10MHz, MCS7, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10609 AAB IEEE 802.11n (WT Mixed, MCS7, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10609 AAB IEEE 802.11n (WT MIXED, MCS7, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10610 AAB IEEE 802.11n (WT IC) (MT E, MCS3, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10611 AAB IEEE 802.11n (WT IC) (WT E, MCS3, 90pc duty cycle) WLAN 8.78 ± 9.6 % 10612 AAB IEEE 802.11n (WT IC) (WT E, MCS3, 90pc duty cycle) WLAN 8.78 ± 9.6 % 10613 AAB IEEE 802.11n (WT IC) (WT E, MCS3, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10613 AAB IEEE 802.11n (WT IC) (WT E, MCS3, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10616 AAB IEEE 802.11n (WT IC) (WT E, MCS3, 90pc duty cycle) WLAN 8.59 ± 9.6 % 10616 AAB IEEE 802.11n (WT IC) (WT E, MCS3, 90pc duty cycle) WLAN 8.59 ± 9.6 % 10616 AAB IEEE 802.11n (WT IC) (WT E, MCS3, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10617 AAB IEEE 802.11n (WT IC) (WT E, WCS3, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10618 AAB IEEE 802.11n (WT IC) (WT E, WCS3, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10618 AAB IEEE 802.11n (WT IC) (WT E, WCS3, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10618 AAB IEEE 802. | | | | | | |
| 10602 AAB | | } | | | | |
| 10603 AAB IEEE 802.11n (HT Mixed, 40MHz, MCSS, 90pc duty cycle) WLAN 8.76 ±9.8 % 10605 AAB IEEE 802.11n (HT Mixed, 40MHz, MCSS, 90pc duty cycle) WLAN 8.77 ±9.8 % 10605 AAB IEEE 802.11n (HT Mixed, 40MHz, MCSS, 90pc duty cycle) WLAN 8.97 ±9.6 % 10606 AAB IEEE 802.11n (HT Mixed, 40MHz, MCSS, 90pc duty cycle) WLAN 8.92 ±9.6 % 10606 AAB IEEE 802.11n (WT Mixed, 40MHz, MCSS, 90pc duty cycle) WLAN 8.92 ±9.6 % 10606 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.77 ±9.6 % 10609 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.77 ±9.6 % 10609 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.78 ±9.6 % 10610 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.70 ±9.6 % 10611 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.70 ±9.6 % 10612 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.70 ±9.6 % 10613 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.70 ±9.6 % 10614 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.79 ±9.6 % 10615 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.94 ±9.6 % 10616 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.82 ±9.6 % 10616 AAB IEEE 802.11nc WIFI (20MHz, MCSS, 90pc duty cycle) WLAN 8.82 ±9.6 % 10616 AAB IEEE 802.11nc WIFI (40MHz, MCSS, 90pc duty cycle) WLAN 8.82 ±9.6 % 10616 AAB IEEE 802.11nc WIFI (40MHz, MCSS, 90pc duty cycle) WLAN 8.82 ±9.6 % 10618 AAB IEEE 802.11nc WIFI (40MHz, MCSS, 90pc duty cycle) WLAN 8.81 ±9.6 % 10618 AAB IEEE 802.11nc WIFI (40MHz, MCSS, 90pc duty cycle) WLAN 8.82 ±9.6 % 10618 AAB IEEE 802.11nc WIFI (40MHz, MCSS, 90pc duty cycle) WLAN 8.86 ±9.6 % 10620 AAB IEEE 802.11nc WIFI (40MHz, MCSS, 90pc duty cycle) WLAN 8.86 ±9.6 % 10620 AAB IEEE 802.11nc WIFI (40MHz, M | | - | | | *************************************** | |
| 10604 AAB IEEE 802.11n (HT Mixed, 40MHz, MCSS, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10605 AAB IEEE 802.11n (HT Mixed, 40MHz, MCSS, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10607 AAB IEEE 802.11n (HT Mixed, 40MHz, MCSO, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10607 AAB IEEE 802.11nc WIFI (20MHz, MCSO, 90pc duty cycle) WLAN 8.64 ± 9.6 % 10608 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10609 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10609 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10610 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.78 ± 9.6 % 10611 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10612 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10613 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10613 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.94 ± 9.6 % 10614 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.94 ± 9.6 % 10616 AAB IEEE 802.11nc WIFI (20MHz, MCSI, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10616 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10616 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10617 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10618 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10620 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10620 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10620 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10620 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10620 AAB IEEE 802.11nc WIFI (40MHz, MCSI, 9 | | | | | | |
| 10605 AAB EEE 802.11n (HT Mixed. 40MHz, MCS6, 90pc duty cycle) WLAN 8.97 ± 9.6 % 10607 AAB EEE 802.11n (HT Mixed. 40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10607 AAB EEE 802.11n c WiFi (20MHz, MCS1, 90pc duty cycle) WLAN 8.64 ± 9.6 % 10608 AAB EEE 802.11n c WiFi (20MHz, MCS1, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10609 AAB EEE 802.11n c WiFi (20MHz, MCS2, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10610 AAB EEE 802.11n c WiFi (20MHz, MCS3, 90pc duty cycle) WLAN 8.78 ± 9.6 % 10611 AAB EEE 802.11n c WiFi (20MHz, MCS3, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10611 AAB EEE 802.11n c WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10612 AAB EEE 802.11n c WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10613 AAB EEE 802.11n c WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.94 ± 9.6 % 10614 AAB EEE 802.11n c WiFi (20MHz, MCS7, 90pc duty cycle) WLAN 8.94 ± 9.6 % 10615 AAB EEE 802.11n c WiFi (20MHz, MCS7, 90pc duty cycle) WLAN 8.59 ± 9.6 % 10616 AAB EEE 802.11n c WiFi (20MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10617 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10618 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10619 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10619 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10620 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10620 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10620 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10620 AAB EEE 802.11n c WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10620 AAB EEE 802.11n c WiFi (80MHz, MCS7, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10620 AAB | | | | | | |
| 10606 | | | | | | |
| 10607 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle) WLAN 8.64 ± 9.6 % 10609 AAB IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10610 AAB IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle) WLAN 8.57 ± 9.6 % 10610 AAB IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10611 AAB IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) WLAN 8.70 ± 9.6 % 10612 AAB IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10613 AAB IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10614 AAB IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10615 AAB IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) WLAN 8.59 ± 9.6 % 10616 AAB IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10616 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10617 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10618 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10619 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.56 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.56 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.56 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.67 ± 9.6 % 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.67 ± 9.6 % 10623 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.67 ± 9.6 % 10623 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.68 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.69 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10625 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) | | | | | | |
| 10608 | | | | | | |
| 10690 | | | | | | |
| 10610 AAB IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) WLAN 8.76 ± 9.6 % 10612 AAB IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10613 AAB IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10613 AAB IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) WLAN 8.94 ± 9.6 % 10614 AAB IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle) WLAN 8.94 ± 9.6 % 10616 AAB IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.8 % 10616 AAB IEEE 802.11ac WiFi (20MHz, MCS9, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10617 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10618 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10619 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10619 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) | | | | | | |
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| 10614 AAB IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duly cycle) WLAN 8.59 ± 9.8 % 10616 AAB IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duly cycle) WLAN 8.82 ± 9.6 % 10617 AAB IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duly cycle) WLAN 8.81 ± 9.6 % 10617 AAB IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duly cycle) WLAN 8.81 ± 9.6 % 10618 AAB IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duly cycle) WLAN 8.58 ± 9.6 % 10619 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duly cycle) WLAN 8.58 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duly cycle) WLAN 8.86 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duly cycle) WLAN 8.87 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duly cycle) WLAN 8.77 ± 9.6 % 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duly cycle) WLAN 8.68 ± 9.6 % 10623 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duly cycle) WLAN 8.68 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duly cycle) WLAN 8.62 ± 9.6 % 10625 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duly cycle) WLAN 8.82 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duly cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duly cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) WLAN 8.83 ± 9.6 % 10627 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) WLAN 8.88 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) WLAN 8.71 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) WLAN 8.71 ± 9.6 % 10632 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) WLAN 8.81 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duly cycle) | | | | | | |
| 10616 AAB IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10618 AAB IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10618 AAB IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10618 AAB IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10619 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10623 AAB IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10625 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) | | | | | | |
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| 10617 AAB IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10618 AAB IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle) WLAN 8.56 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) WLAN 8.87 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) WLAN 8.67 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) WLAN 8.68 ± 9.6 % 10623 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) WLAN 8.68 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10625 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10629 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10629 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.71 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.72 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) | | | | | | |
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| 10619 AAB IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10620 AAB IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) WLAN 8.77 ± 9.6 % 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) WLAN 8.68 ± 9.6 % 10623 AAB IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10625 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle) WLAN 8.71 ± 9.6 % 10629 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.71 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.72 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160Mhz, MCS9, 90pc duty cycle) | | | | | | |
| 10620 | | | | | | |
| 10621 AAB IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) WLAN 8.77 ± 9.6 % | | | | | | |
| 10622 AAB IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) WLAN 8.68 ± 9.6 % 10623 AAB IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) WLAN 8.82 ± 9.6 % 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10625 AAB IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10626 AAB IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle) WLAN 8.96 ± 9.6 % 10627 AAB IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10629 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10630 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.71 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) WLAN 8.72 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) WLAN 8.72 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cy | | | | | ,,, | |
| 10623 | | | | | , | |
| 10624 AAB IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle) WLAN 8.96 ± 9.6 % | | | | | 8.82 | |
| 10625 | | | | | | |
| 10626 | | | | | 8.96 | |
| 10627 AAB IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) WLAN 8.88 ± 9.6 % 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle) WLAN 8.71 ± 9.6 % 10629 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10630 AAB IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) WLAN 8.72 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10632 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10645 AAD LTE-TDD (OFDMA, 5 MHz, E | | | | | 8.83 | |
| 10628 AAB IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle) WLAN 8.71 ± 9.6 % | | | | | 8.88 | |
| 10629 AAB IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % | | | | | | |
| 10630 AAB IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) WLAN 8.72 ± 9.6 % 10631 AAB IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10632 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10635 AAB IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10642 AAC </td <td></td> <td></td> <td></td> <td>WLAN</td> <td>8.85</td> <td>± 9.6 %</td> | | | | WLAN | 8.85 | ± 9.6 % |
| 10632 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10635 AAB IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC | 10630 | AAB | | WLAN | 8.72 | ± 9.6 % |
| 10632 AAB IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) WLAN 8.74 ± 9.6 % 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10635 AAB IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC | 10631 | AAB | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) | WLAN | 8.81 | ± 9.6 % |
| 10633 AAB IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10635 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10643 AAC | | | | WLAN | 8.74 | ± 9.6 % |
| 10634 AAB IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) WLAN 8.80 ± 9.6 % 10635 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10644 AA | | | | | 8.83 | |
| 10635 AAB IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) WLAN 8.81 ± 9.6 % 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 A | | | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) | | | |
| 10636 AAC IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) WLAN 8.83 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 | | | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) | | | |
| 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) WLAN 8.79 ± 9.6 % 10638 AAC IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) WLAN 8.86 ± 9.6 % 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 | | | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) | | | |
| 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD | | AAC | | | | |
| 10639 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) WLAN 8.85 ± 9.6 % 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD | | | | | | |
| 10640 AAC IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) WLAN 8.98 ± 9.6 % 10641 AAC IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | 10639 | | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) | | | |
| 10642 AAC IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) WLAN 9.06 ± 9.6 % 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | 10640 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) | | | |
| 10643 AAC IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) WLAN 8.89 ± 9.6 % 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10644 AAC IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) WLAN 9.05 ± 9.6 % 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10645 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) WLAN 9.11 ± 9.6 % 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10646 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10652 AAD LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10653 AAD LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % | | | | | | |
| 10000 1 | | | | | | |
| 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) L1E-1DD 6.96 ± 9.6 % | | | | | | |
| | 10654 | AAD | L1E-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LIE-IUU | 6.96 | 1 ± 9.6 % |