

APPENDIX C: PROBE AND DIPOLE CALIBRATION CERTIFICATES

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

Element

Client



Schweizerischer Kalibrierdienst

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Accreditation No.: SCS 0108

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Certificate No: D2450V2-750_May22

CALIBRATION CERTIFICATE

| Object | D2450V2 - SN:75 | 50 | VATM |
|---|------------------------------------|---|-----------------------------|
| Calibration procedure(s) | QA CAL-05.v11 Calibration Proce | dure for SAR Validation Sources be | じノノークチョ etween 0.7-3 GHz |
| | | | VW 5/22/2023 |
| Calibration date: | May 11, 2022 | | · |
| 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) | | | |
| | ID# | Ont Data (Ontificate Na) | |
| Primary Standards | | Cal Date (Certificate No.) | Scheduled Calibration |
| Power meter NRP | SN: 104778 | 04-Apr-22 (No. 217-03525/03524) | Apr-23 |
| Power sensor NRP-Z91 | SN: 103244 | 04-Apr-22 (No. 217-03524) | Apr-23 |
| Power sensor NRP-Z91 | SN: 103245 | 04-Apr-22 (No. 217-03525) | Apr-23 |
| Reference 20 dB Attenuator | SN: BH9394 (20k) | 04-Apr-22 (No. 217-03527) | Apr-23 |
| Type-N mismatch combination | SN: 310982 / 06327 | 04-Apr-22 (No. 217-03528) | Apr-23 |
| Reference Probe EX3DV4 | SN: 7349 | 31-Dec-21 (No. EX3-7349_Dec21) | Dec-22 |
| DAE4 | SN: 601 | 02-May-22 (No. DAE4-601_May22) | May-23 |
| Secondary Standards | ID # | Check Date (in house) | Scheduled Check |
| Power meter E4419B | SN: GB39512475 | 30-Oct-14 (in house check Oct-20) | In house check: Oct-22 |
| Power sensor HP 8481A | SN: US37292783 | 07-Oct-15 (in house check Oct-20) | In house check: Oct-22 |
| Power sensor HP 8481A | SN: MY41093315 | 07-Oct-15 (in house check Oct-20) | In house check: Oct-22 |
| RF generator R&S SMT-06 | SN: 100972 | 15-Jun-15 (in house check Oct-20) | In house check: Oct-22 |
| Network Analyzer Agilent E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-20) | In house check: Oct-22 |
| | Name | Function | Signature |
| Calibrated by: | Aidonia Georgiadou | Laboratory Technician | Mize |
| | | | |
| Approved by: | Sven Kühn | Technical Manager | SLA |
| This calibration certificate shall not | be reproduced except in | full without written approval of the laboratory | Issued: May 12, 2022 |

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Glossary:

| tissue simulating liquid |
|---------------------------------|
| sensitivity in TSL / NORM x,y,z |
| not applicable or not measured |
| |

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)". October 2020,
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled 0 phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power. 0
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna 0 connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

| DASY Version | DASY52 | V52.10.4 |
|------------------------------|------------------------|---------------------------------------|
| Extrapolation | Advanced Extrapolation | · · · · · · · · · · · · · · · · · · · |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Zoom Scan Resolution | dx, dy, dz = 5 mm | |
| Frequency | 2450 MHz ± 1 MHz | |

Head TSL parameters

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 39.2 | 1.80 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 38.2 ± 6 % | 1.85 mho/m ± 6 % |
| Head TSL temperature change during test | < 0.5 °C | | |

SAR result with Head TSL

| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
|---|--------------------|--------------------------|
| SAR measured | 250 mW input power | 13.4 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 52.6 W/kg ± 17.0 % (k=2) |

| SAR averaged over 10 cm ³ (10 g) of Head TSL | condition | |
|---|--------------------|--------------------------|
| SAR measured | 250 mW input power | 6.20 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 24.5 W/kg ± 16.5 % (k=2) |

Body TSL parameters

The following parameters and calculations were applied.

| ······································ | Temperature | Permittivity | Conductivity |
|---|-----------------|--------------|------------------|
| Nominal Body TSL parameters | 22.0 °C | 52.7 | 1.95 mho/m |
| Measured Body TSL parameters | (22.0 ± 0.2) °C | 51.5 ± 6 % | 2.02 mho/m ± 6 % |
| Body TSL temperature change during test | < 0.5 °C | | |

SAR result with Body TSL

| SAR averaged over 1 cm ³ (1 g) of Body TSL | Condition | |
|---|--------------------|--------------------------|
| SAR measured | 250 mW input power | 12.9 W/kg |
| SAR for nominal Body TSL parameters | normalized to 1W | 50.5 W/kg ± 17.0 % (k=2) |

| SAR averaged over 10 cm ³ (10 g) of Body TSL | condition | |
|---|--------------------|--------------------------|
| SAR measured | 250 mW input power | 6.04 W/kg |
| SAR for nominal Body TSL parameters | normalized to 1W | 23.9 W/kg ± 16.5 % (k=2) |

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

| Impedance, transformed to feed point | 54.8 Ω + 8.1 jΩ |
|--------------------------------------|-----------------|
| Return Loss | - 21.0 dB |

Antenna Parameters with Body TSL

| Impedance, transformed to feed point | 50.8 Ω + 8.7 jΩ |
|--------------------------------------|-----------------|
| Return Loss | - 21.3 dB |

General Antenna Parameters and Design

| - 1 | | |
|-----|----------------------------------|----------|
| | Electrical Delay (one direction) | 1.153 ns |
| E | | |

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

| Manufactured by | SPEAC |
|-----------------|---------|
| | J OFLAG |

DASY5 Validation Report for Head TSL

Date: 11.05.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:750

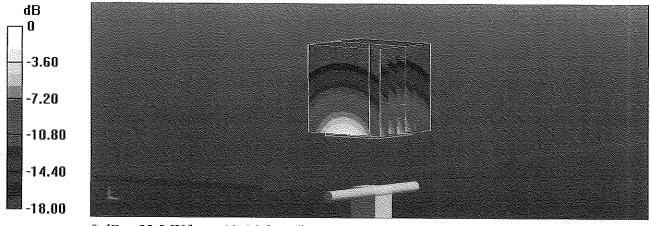
Communication System: UID 0 - CW; Frequency: 2450 MHz Medium parameters used: f = 2450 MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 MHz; Calibrated: 31.12.2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.05.2022
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mmReference Value = 116.5 V/m; Power Drift = 0.04 dB Peak SAR (extrapolated) = 26.8 W/kg SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.2 W/kg Smallest distance from peaks to all points 3 dB below = 9 mm Ratio of SAR at M2 to SAR at M1 = 50% Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg = 13.46 dBW/kg

Impedance Measurement Plot for Head TSL

| <u>File View Channel Swe</u> ep Calibration | <u>Trace Scale Marker System Window H</u> elp |
|---|--|
| Ch 1 Avg = 20 | 1: 2.450000 GHz 54.753 Ω 527.78 pH 8.1246 Ω 2.450000 GHz 89.589 mU 55.235 ° |
| Ch1: Start 2,25000 GHz | Stop 2.65000 GHz |
| 10.00 BB S11 5.00 0.00 | > 1: 2.450000 GHz -20.955 dB |
| 10.00 -10.00 -15.00 | |
| -20.00 Notes - 25.00 | |
| -35.00 -40.00 Ch 1 Avg = 20 Ch 1: Start 2.25000 GHz | Stop 2.65000 GHz |
| Status CH 1: S11 | C* 1-Port Avg=20 Delay LCL |

DASY5 Validation Report for Body TSL

Date: 11.05.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:750

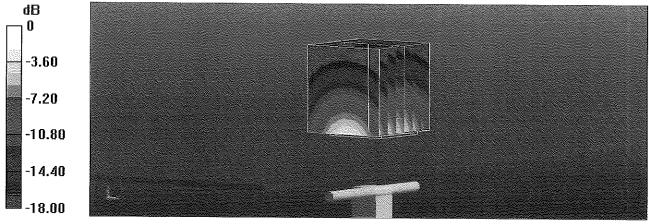
Communication System: UID 0 - CW; Frequency: 2450 MHz Medium parameters used: f = 2450 MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(8.12, 8.12, 8.12) @ 2450 MHz; Calibrated: 31.12.2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.05.2022
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mmReference Value = 106.7 V/m; Power Drift = -0.07 dB Peak SAR (extrapolated) = 24.3 W/kg SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.04 W/kg Smallest distance from peaks to all points 3 dB below = 8.9 mm Ratio of SAR at M2 to SAR at M1 = 54% Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

Impedance Measurement Plot for Body TSL

| | | | A | | | 2 | 450000 G 562.19 450000 G | рH | 8.1 85.9 | 1.764 3542 104 m 0.04) |
|--|---------------|------|---|------|-------|-----|--------------------------------|----|-------------|---------------------------------|
| Ch 1 Avg Ch1: Start 2,2500 | = 20 0 GHz | 9066 | | ···· | | | | | Stop 2. | 65000 (|
| 00 | | | | | .> 1. | 2.4 | 50000 C | Hz | -2 | 320 c |
| .00 (B \$1) 00 (D) 00 (D) 00 (D) 0.00 (D) 5.00 (D) | | | | | > 1! | 2.4 | 50000 C | Hz | -21. | 320 (|





Certification of Calibration

Object

D2450V2 - SN: 750

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extended Calibration date:

May 11, 2023

Description:

SAR Validation Dipole at 2450 MHz.

Calibration Equipment used:

| Manufacturer | Model | Description | Cal Date | Cal Interval | Cal Due | Serial Number |
|--------------------|---------------|-------------------------------------|------------|--------------|------------|---------------|
| Agilent | 8753ES | S-Parameter Vector Network Analyzer | 6/14/2022 | Annual | 6/14/2023 | US39170118 |
| Agilent | E4438C | ESG Vector Signal Generator | 11/17/2022 | Annual | 11/17/2023 | MY45093852 |
| Amplifier Research | 15S1G6 | Amplifier | CBT | N/A | CBT | 343972 |
| Rohde & Schwarz | NRX | Power Meter | 1/11/2023 | Annual | 1/11/2024 | 102583 |
| Rohde & Schwarz | NRP-Z81 | Wide Band Power Sensor | 5/19/2022 | Annual | 5/19/2023 | 106562 |
| Rohde & Schwarz | NRP-Z81 | Wide Band Power Sensor | 5/19/2022 | Annual | 5/19/2023 | 106559 |
| Traceable | 4040 90080-06 | Therm./ Clock/ Humidity Monitor | 5/11/2022 | Biennial | 5/11/2024 | 221514974 |
| Control Company | 4353 | Long Stem Thermometer | 9/10/2021 | Biennial | 9/10/2023 | 210774685 |
| Agilent | 85033E | 3.5mm Standard Calibration Kit | 6/21/2022 | Annual | 6/21/2023 | MY53402352 |
| Mini-Circuits | VLF-6000+ | Low Pass Filter DC to 6000 MHz | CBT | N/A | CBT | N/A |
| Narda | 4772-3 | Attenuator (3dB) | CBT | N/A | CBT | 9406 |
| Mini-Circuits | ZHDC-16-63-S+ | 50-6000MHz Bidirectional Coupler | CBT | N/A | CBT | N/A |
| Pasternack | NC-100 | Torque Wrench | 12/5/2022 | Biennial | 12/5/2024 | N/A |
| SPEAG | DAK-3.5 | Dielectric Assessment Kit | 8/15/2022 | Annual | 8/15/2023 | 1041 |
| SPEAG | EX3DV4 | SAR Probe | 2/13/2023 | Annual | 2/13/2024 | 7427 |
| SPEAG | DAE4 | Dasy Data Acquisition Electronics | 2/15/2023 | Annual | 2/15/2024 | 1403 |

Measurement Uncertainty = $\pm 23\%$ (k=2)

| | Name | Function | Signature |
|----------------|-----------------|-------------------------------|------------|
| Calibrated By: | Arturo Oliveros | Compliance Engineer I | AC |
| Approved By: | Greg Snyder | Executive VP of Operations | Sugge U.S. |

| Object: | Date Issued: | Page 1 of 4 |
|-------------------|--------------|-------------|
| D2450V2 – SN: 750 | 05/11/2023 | Page 1 of 4 |

DIPOLE CALIBRATION EXTENSION

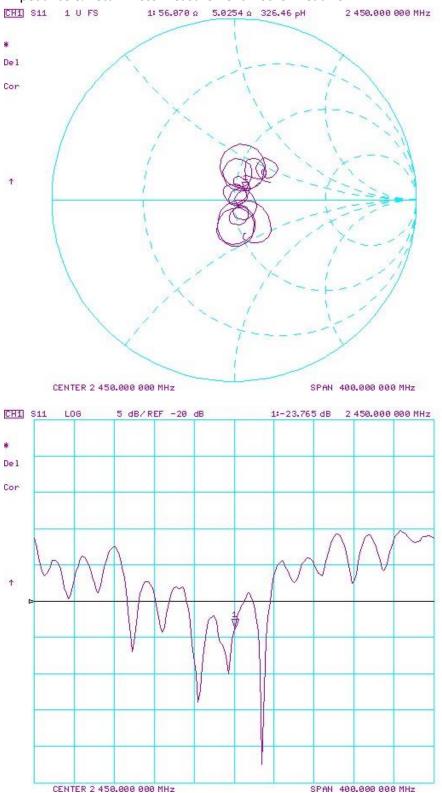
Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

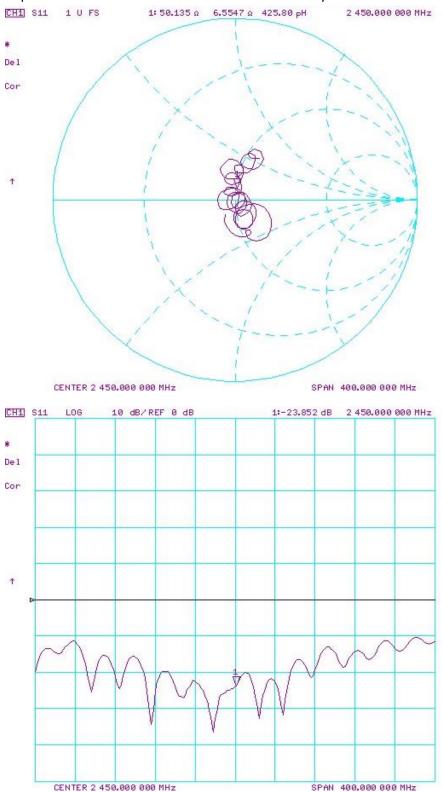
| Calibration Date | Extension Date | Certificate Electrical Delay (ns) | Certificate SAR Target Head (1g) W/kg @ 20.0 dBm | Measured Head SAR (1g) W/kg @ 20.0 dBm | Deviation 1g (%) | Certificate SAR Target Head (10g) W/kg @ 20.0 dBm | Measured Head SAR (10g) W/kg @ 20.0 dBm | Deviation 10g (%) | Certificate Impedance Head (Ohm) Real | Measured Impedance Head (Ohm) Real | Difference (Ohm) Real | Certificate Impedance Head (Ohm) Imaginary | | Difference (Ohm) Imaginary | Certificate Return Loss Head (dB) | Measured Return Loss Head (dB) | Deviation (%) | PASS/FAIL |
|---------------------|-------------------|---|---|--|---------------------|--|---|----------------------|---|--|--------------------------|--|-----|----------------------------------|---|--------------------------------------|------------------|-----------|
| 5/11/2022 | 5/11/2023 | 1.153 | 5.26 | 4.89 | -7.03% | 2.45 | 2.28 | -6.94% | 54.8 | 56.1 | 1.3 | 8.1 | 5 | 3.1 | -21 | -23.8 | -13.20% | PASS |
| | | | | | | | | | | | | | | | | | | |
| Calibration Date | Extension Date | Certificate Electrical Delay (ns) | Certificate SAR Target Body (1g) W/kg @ 20.0 dBm | Measured Body SAR (1g) W/kg @ 20.0 dBm | Deviation 1g (%) | Certificate SAR Target Body (10g) W/kg @ 20.0 dBm | Measured Body SAR (10g) W/kg @ 20.0 dBm | Deviation 10g (%) | Certificate Impedance Body (Ohm) Real | Measured Impedance Body (Ohm) Real | Difference (Ohm) Real | Certificate Impedance Body (Ohm) Imaginary | | Difference (Ohm) Imaginary | Certificate Return Loss Body (dB) | Measured Return Loss Body (dB) | Deviation (%) | PASS/FAIL |
| 5/11/2022 | 5/11/2023 | 1.153 | 5.05 | 4.76 | -5.74% | 2.39 | 2.26 | -5.44% | 50.8 | 50.1 | 0.7 | 8.7 | 6.6 | 2.1 | -21.3 | -23.9 | -12.00% | PASS |

| Object: | Date Issued: | Page 2 of 4 |
|-------------------|--------------|-------------|
| D2450V2 – SN: 750 | 05/11/2023 | Fage 2 01 4 |



Impedance & Return-Loss Measurement Plot for Head TSL

| Object: | Date Issued: | Page 3 of 4 |
|-------------------|--------------|-------------|
| D2450V2 – SN: 750 | 05/11/2023 | raye 5 01 4 |



Impedance & Return-Loss Measurement Plot for Body TSL

| Object: | Date Issued: | Dogo 4 of 4 |
|-------------------|--------------|-------------|
| D2450V2 – SN: 750 | 05/11/2023 | Page 4 of 4 |

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| Client | Element Morgan Hill, USA | \ | Certificate No. | EX-7532_Apr23 |
|-----------|-----------------------------|----------------------------------|---|--|
| CAL | IBRATION C | ERTIFICATE | | 1.2. |
| | | | - | 171M |
| Object | | EX3DV4 - SN:7532 | 2 | 511123 |
| Calibra | tion procedure(s) | QA CAL-25.v8 | A CAL-12.v10, QA CAL-14 | .v7, QA CAL-23.v6, |
| Calibra | tion date | April 18, 2023 | | 0063 |
| | | cuments the traceability to nati | onal standards, which realize the ph robability are given on the following | ysical units of measurements (SI). pages and are part of the certificate. |
| All calib | prations have been co | nducted in the closed laborator | y facility: environment temperature | (22±3) $^{\infty}$ and humidity < 70%. |
| Calibra | tion Equipment used (| M&TE critical for calibration) | | |
| | | | | |
| | Standards | D | Cal Date (Certificate No.) | Scheduled Calibration |
| Power n | neter NRP2 | SN: 104778 | 30-Mar-23 (No. 217-03804/03805 | 5) Mar-24 |

| r mhary otanoardo | | Dai Date (Dertificate No.) | Scheduled Galibration |
|----------------------------|------------------|-----------------------------------|-----------------------|
| Power meter NRP2 | SN: 104778 | 30-Mar-23 (No. 217-03804/03805) | Mar-24 |
| Power sensor NRP-Z91 | SN: 103244 | 30-Mar-23 (No. 217-03804) | Mar-24 |
| OCP DAK-3.5 (weighted) | SN: 1249 | 20-Oct-22 (OCP-DAK3.5-1249_Oct22) | Oct-23 |
| OCP DAK-12 | SN: 1016 | 20-Oct-22 (OCP-DAK12-1016_Oct22) | Oct-23 |
| Reference 20 dB Attenuator | SN: CC2552 (20x) | 30-Mar-23 (No. 217-03809) | Mar-24 |
| DAE4 | SN: 660 | 16-Mar-23 (No. DAE4-660_Mar23) | Mar-24 |
| Reference Probe ES3DV2 | SN: 3013 | 06-Jan-23 (No. ES3-3013 Jan23) | Jan-24 |

| Secondary Standards | ID | Check Date (in house) | Scheduled Check |
|-------------------------|------------------|-----------------------------------|------------------------|
| Power meter E4419B | SN: GB41293874 | 06-Apr-16 (in house check Jun-22) | In house check: Jun-24 |
| Power sensor E4412A | SN: MY41498087 | 06-Apr-16 (in house check Jun-22) | In house check: Jun-24 |
| Power sensor E4412A | SN: 000110210 | 06-Apr-16 (in house check Jun-22) | In house check: Jun-24 |
| RF generator HP 8648C | SN: US3642U01700 | 04-Aug-99 (in house check Jun-22) | In house check: Jun-24 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-22) | In house check: Oct-24 |

| mm | | | |
|--------------------------------------|---------------------------------------|-------------------------------------|---------------------------------|
| | Name | Function | Signature |
| Calibrated by | Leif Klysner | Laboratory Technician | Self Thepe |
| Approved by | Sven Kühn | Technical Manager | S. ~ |
| This calibration certificate shall r | not be reproduced except in full with | nout written approval of the labora | lssued: April 18, 2023 tory. |

Calibration Laboratory of

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





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Glossary

| TSL | tissue simulating liquid |
|--------------------------|--|
| NORMx,y,z | sensitivity in free space |
| ConvF | sensitivity in TSL / NORMx,y,z |
| DCP | diode compression point |
| 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 ϑ | ϑ 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 | information used in DASY system to align probe sensor X to the robot coordinate system |

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) 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 $\vartheta = 0$ ($f \le 900$ 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. 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 $f \le 800 \text{ MHz}$) 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 $\pm 50 \text{ MHz}$.
- 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).

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (<i>k</i> = 2) |
|--------------------------|----------|----------|----------|---------------------|
| Norm $(\mu V/(V/m)^2)^A$ | 0.45 | 0.40 | 0.48 | ±10.1% |
| DCP (mV) ^B | 101.1 | 103.1 | 104.0 | ±4.7% |

Calibration Results for Modulation Response

| UID | Communication System Name | | Α | В | С | D | VR | Max | Max |
|-------|-----------------------------|---|-------|-------|-------|-------|-------|-------|------------------|
| | | | dB | dBõV | | dB | mV | dev. | Unc ^E |
| | | | | | | | | | k = 2 |
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 172.8 | ±2.7% | ±4.7% |
| | | Y | 0.00 | 0.00 | 1.00 | | 169.4 | | |
| | | Z | 0.00 | 0.00 | 1.00 | | 179.2 | | |
| 10352 | Pulse Waveform (200Hz, 10%) | X | 3.12 | 68.19 | 11.21 | 10.00 | 60.0 | ±2.9% | ±9.6% |
| | | Y | 1.84 | 62.85 | 8.33 | | 60.0 | | |
| | | Z | 3.16 | 68.13 | 11.10 | | 60.0 | | |
| 10353 | Pulse Waveform (200Hz, 20%) | X | 2.16 | 67.98 | 10.14 | 6.99 | 80.0 | ±2.4% | ±9.6% |
| | | Y | 0.94 | 61.02 | 6.51 | | 80.0 | | |
| | | Z | 2.06 | 67.39 | 9.79 | | 80.0 | | |
| 10354 | Pulse Waveform (200Hz, 40%) | X | 1.25 | 67.00 | 8.61 | 3.98 | 95.0 | ±1.6% | ±9.6% |
| | | Y | 28.00 | 80.00 | 11.00 | | 95.0 | | |
| | | Z | 0.84 | 64.28 | 7.35 | | 95.0 | | |
| 10355 | Pulse Waveform (200Hz, 60%) | X | 0.24 | 60.14 | 4.77 | 2.22 | 120.0 | ±1.1% | ±9.6% |
| | | Y | 0.25 | 60.00 | 4.59 | | 120.0 | | |
| | | Z | 0.24 | 60.00 | 4.31 | | 120.0 | | |
| 10387 | QPSK Waveform, 1 MHz | X | 1.35 | 65.07 | 13.49 | 1.00 | 150.0 | ±3.3% | ±9.6% |
| | | Y | 1.40 | 65.53 | 13.89 | | 150.0 | | |
| | | Z | 1.36 | 65.77 | 13.72 | | 150.0 | | |
| 10388 | QPSK Waveform, 10 MHz | X | 1.84 | 65.86 | 14.44 | 0.00 | 150.0 | ±0.9% | ±9.6% |
| | | Y | 1.89 | 66.19 | 14.69 | 1 | 150.0 | 1 | |
| | | Z | 1.87 | 66.50 | 14.74 | Ì | 150.0 | 1 | |
| 10396 | 64-QAM Waveform, 100 kHz | X | 2.35 | 68.22 | 17.73 | 3.01 | 150.0 | ±0.7% | ±9.6% |
| | | Y | 2.34 | 68.40 | 17.80 | 1 | 150.0 | | |
| | | Z | 2.39 | 68.75 | 17.93 | | 150.0 | 1 | |
| 10399 | 64-QAM Waveform, 40 MHz | X | 3.24 | 66.14 | 15.14 | 0.00 | 150.0 | ±2.4% | ±9.6% |
| | | Y | 3.28 | 66.33 | 15.25 | | 150.0 | 1 | |
| | | Z | 3.26 | 66.47 | 15.29 |] | 150.0 | | |
| 10414 | WLAN CCDF, 64-QAM, 40 MHz | X | 4.55 | 65.20 | 15.20 | 0.00 | 150.0 | ±4.2% | ±9.6% |
| | | Y | 4.57 | 65.32 | 15.25 |] | 150.0 | | |
| | | Z | 4.56 | 65.48 | 15.33 |] | 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%.

^A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 to 7).

^B Linearization parameter uncertainty for maximum specified field strength. ^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Sensor Model Parameters

| | C1 fF | C2 fF | ν ^α V ⁻¹ | T1 msV ^{−2} | T2 ms V ⁻¹ | T3 ms | T4 V ⁻² | T5 V ⁻¹ | Т6 |
|---|----------|----------|-----------------------------------|-------------------------|--------------------------|----------|-----------------------|-----------------------|------|
| X | 31.7 | 237.31 | 35.59 | 5.14 | 0.00 | 5.03 | 1.19 | 0.09 | 1.01 |
| У | 31.3 | 230.53 | 34.51 | 5.58 | 0.00 | 4.97 | 1.51 | 0.00 | 1.01 |
| Z | 30.3 | 224.89 | 35.12 | 5.15 | 0.00 | 5.04 | 1.11 | 0.10 | 1.01 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle | -154.8° |
| 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 |

Note: Measurement distance from surface can be increased to 3-4 mm for an Area Scan job.

| f (MHz) ^C | Relative Permittivity ^F | Conductivity ^F (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (<i>k</i> = 2) |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|------------------------|
| 750 | 41.9 | 0.89 | 10.66 | 10.66 | 10.66 | 0.51 | 0.96 | ±12.0% |
| 835 | 41.5 | 0.90 | 10.37 | 10.37 | 10.37 | 0.59 | 0.80 | ±12.0% |
| 1750 | 40.1 | 1.37 | 8.65 | 8.65 | 8.65 | 0.34 | 0.86 | ±12.0% |
| 1900 | 40.0 | 1.40 | 8.27 | 8.27 | 8.27 | 0.30 | 0.86 | ±12.0% |
| 2300 | 39.5 | 1.67 | 8.20 | 8.20 | 8.20 | 0.22 | 0.90 | ±12.0% |
| 2450 | 39.2 | 1.80 | 7.88 | 7.88 | 7.88 | 0.24 | 0.90 | ±12.0% |
| 2600 | 39.0 | 1.96 | 7.53 | 7.53 | 7.53 | 0.28 | 0.90 | ±12.0% |

Calibration Parameter Determined in Head Tissue Simulating Media

^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.

The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than $\pm 5\%$ from the target values (typically better than $\pm 3\%$) and are valid for TSL with deviations of up to $\pm 10\%$. If TSL with deviations from the target of less than $\pm 5\%$ are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

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

| f (MHz) ^C | Relative Permittivity ^F | Conductivity ^F (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k = 2) |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|----------------|
| 750 | 55.5 | 0.96 | 10.56 | 10.56 | 10.56 | 0.38 | 0.91 | ±12.0% |
| 835 | 55.2 | 0.97 | 10.23 | 10.23 | 10.23 | 0.41 | 0.80 | ±12.0% |
| 1750 | 53.4 | 1.49 | 8.48 | 8.48 | 8.48 | 0.40 | 0.86 | ±12.0% |
| 1900 | 53.3 | 1.52 | 8.15 | 8.15 | 8.15 | 0.41 | 0.86 | ±12.0% |
| 2300 | 52.9 | 1.81 | 7.72 | 7.72 | 7.72 | 0.44 | 0.90 | ±12.0% |
| 2450 | 52.7 | 1.95 | 7.67 | 7.67 | 7.67 | 0.39 | 0.90 | ±12.0% |
| 2600 | 52.5 | 2.16 | 7.44 | 7.44 | 7.44 | 0.31 | 0.90 | ±12.0% |

Calibration Parameter Determined in Body Tissue Simulating Media

^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 $\pm 10, 25, 40, 50$ 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 ± 110 MHz.

The probes are calibrated using tissue simulating liquids (TSL) that deviate for e and σ by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

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

| f (MHz) ^C | Relative Permittivity ^F | Conductivity ^F (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (<i>k</i> = 2) |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|------------------------|
| 6500 | 34.5 | 6.07 | 5.30 | 5.30 | 5.30 | 0.20 | 2.00 | ±18.6% |
| 8000 | 32.7 | 7.84 | 5.50 | 5.50 | 5.50 | 0.40 | 1.40 | ±18.6% |

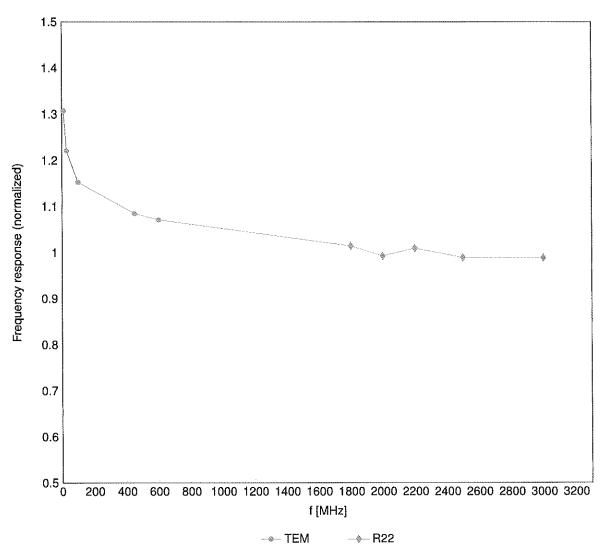
^C Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration Frequency and the uncertainty for the indicated frequency band. F The probes are calibrated using tissue simulating liquids (TSL) that deviate for e and σ by less than ±10% from the target values (typically better than ±6%)

and are valid for TSL with deviations of up to $\pm 10\%$.

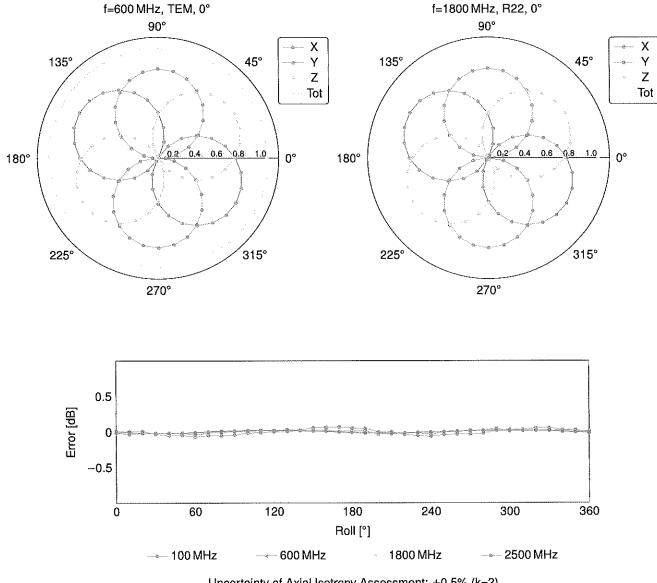
^G Alpha/Depth are determined during callbration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.

Frequency Response of E-Field

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

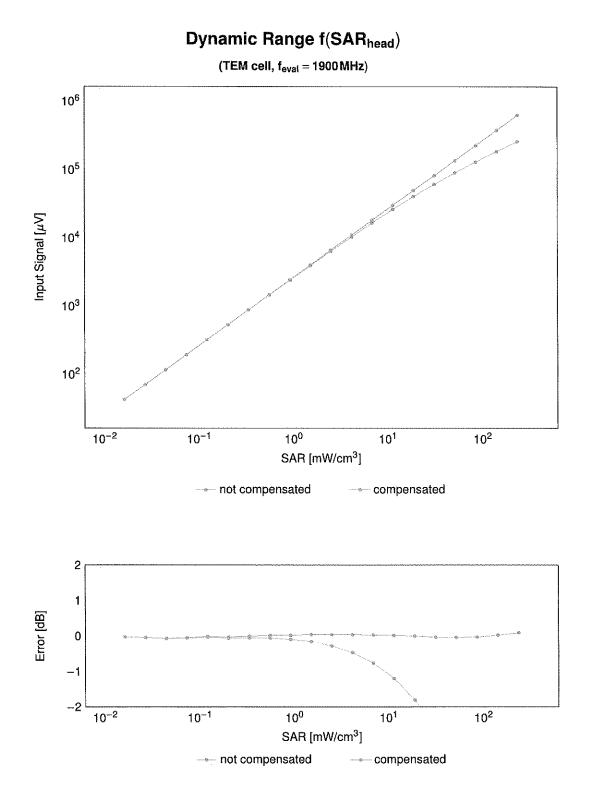


Uncertainty of Frequency Response of E-field: ±6.3% (k=2)



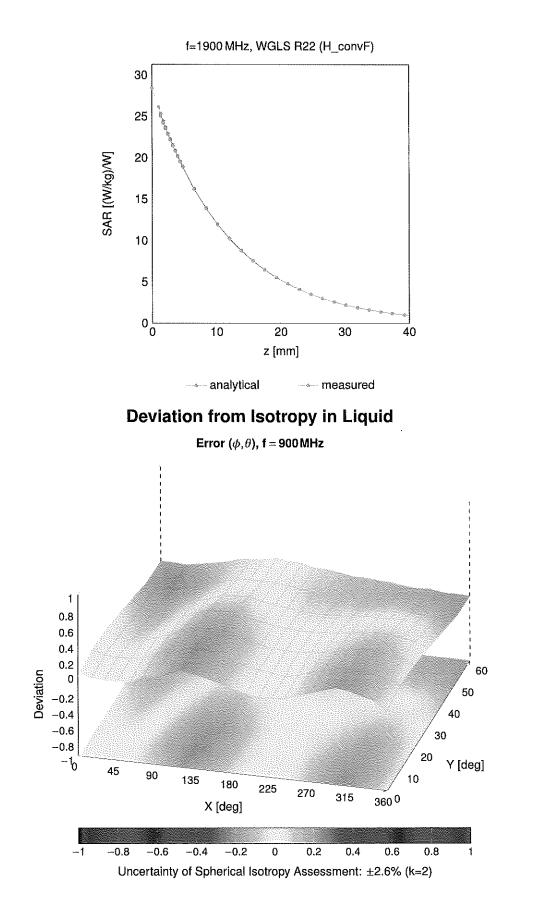
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ (k=2)



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

Conversion Factor Assessment



Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR (dB) | $Unc^E k = 2$ |
|-------|-------|---|-----------|----------|---------------|
| 0 | | CW | CW | 0.00 | ±4.7 |
| 10010 | CAB | SAR Validation (Square, 100 ms, 10 ms) | Test | 10.00 | ±9.6 |
| 10011 | CAC | 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 |
| 10033 | 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 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ±9.6 |
| 10063 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ±9.6 |
| 10064 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ±9.6 |
| 10065 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ±9.6 |
| 10066 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | WLAN | 9.38 | ±9.6 |
| 10067 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) | WLAN | 10.12 | ±9.6 |
| 10068 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.24 | ±9.6 |
| 10069 | CAD | IEEE 802.11a/h Wir 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ±9.6 |
| 10000 | 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 |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ±9.6 |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ±9.6 |
| 10070 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ±9.6 |
| 10077 | 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 | CAC | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ±9.6 |
| 10098 | CAC | 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 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ±9.6 |
| 10101 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ±9.6 |
| 10102 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ±9.6 |
| 10102 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ±9.6 |
| 10104 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.97 | ±9.6 |
| 10105 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.01 | ±9.6 |
| 10108 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ±9.6 |
| 10109 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ±9.6 |
| 10110 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK) | LTE-FDD | 5.75 | ±9.6 |
| 10110 | CAH | | LTE-FDD | 6.44 | ±9.6 |
| 10111 | Louit | | | 1 0.77 | 1 20.0 |

| UID | Rev | Communication System Name | Group | PAR (dB) | Unc ^E $k = 2$ |
|----------------|------------|--|--------------------|---------------------|--------------------------|
| 10112 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.59 | ±9.6 |
| 10113 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.62 | ±9.6 |
| 10114 | CAD | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) | WLAN | 8.10 | ±9.6 |
| 10115 | CAD | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | WLAN | 8.46 | ±9.6 |
| 10116 | CAD | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN | 8.15 | ±9.6 |
| 10117 | CAD | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ±9.6 |
| 10118 | CAD | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ±9.6 |
| 10119 | CAD | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | ±9.6 |
| 10140 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | ±9.6 |
| 10141 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.53 | ±9.6 |
| 10142 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | <u>5.73</u> 6.35 | ±9.6 ±9.6 |
| 10143 | CAF CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ±9.6 |
| 10145 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.76 | ±9.6 |
| 10146 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.41 | ±9.6 |
| 10147 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.72 | ±9.6 |
| 10149 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ±9.6 |
| 10150 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ±9.6 |
| 10151 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TDD | 9.28 | ±9.6 |
| 10152 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.92 | ±9.6 |
| 10153 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.05 | ±9.6 |
| 10154 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-FDD | 5.75 | ±9.6 |
| 10155 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ±9.6 |
| 10156 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-FDD | 5.79 | ±9.6 |
| 10157 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ±9.6 |
| 10158 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ±9.6 |
| 10159 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 6.56 5.82 | ±9.6 ±9.6 |
| 10160 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GF3N) | LTE-FDD | 6.43 | ±9.6 |
| 10162 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ±9.6 |
| 10166 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.46 | ±9.6 |
| 10167 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.21 | ±9.6 |
| 10168 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.79 | ±9.6 |
| 10169 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6 |
| 10170 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ±9.6 |
| 10171 | AAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ±9.6 |
| 10172 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6 |
| 10173 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6 |
| 10174 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6 |
| 10175 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ±9.6 ±9.6 |
| 10176 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD LTE-FDD | 6.52 | ±9.6 |
| 10177 10178 | CAJ | | LTE-FDD | 6.52 | ±9.6 |
| 10178 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 10-QAM) | LTE-FDD | 6.50 | ±9.6 |
| 10180 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-FDD | 6.50 | ±9.6 |
| 10181 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.72 | ±9.6 |
| 10182 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ±9.6 |
| 10183 | AAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ±9.6 |
| 10184 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6 |
| 10185 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ±9.6 |
| 10186 | AAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ±9.6 |
| 10187 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6 |
| 10188 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ±9.6 |
| 10189 | AAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ±9.6 |
| 10193 | CAD | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN WLAN | 8.09 | ±9.6 |
| 10194 10195 | CAD | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN | 8.12 | ±9.6 ±9.6 |
| 10195 | CAD | IEEE 802.11n (HT Greenneid, 65 Mbps, 64-QAM) | WLAN | 8.10 | ±9.6 |
| 10198 | CAD | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ±9.6 |
| 10197 | CAD | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | 8,27 | ±9.6 |
| 10219 | CAD | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ±9.6 |
| 10220 | CAD | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | WLAN | 8.13 | ±9.6 |
| 10221 | CAD | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.27 | ±9.6 |
| 10222 | CAD | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) | WLAN | 8.06 | ±9.6 |
| 10223 | CAD | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | WLAN | 8.48 | ±9.6 |
| 10224 | CAD | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.08 | ±9.6 |

| | Rev | Communication System Name | Group | PAR (dB) | $Unc^E k = 2$ |
|----------------|------------|--|--------------------|----------|---------------|
| 10225 | CAC | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ±9.6 |
| 10226 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ±9.6 |
| 10227 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ±9.6 |
| 10228 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ±9.6 |
| 10229 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6 |
| 10230 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6 |
| 10231 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ±9.6 |
| 10232 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6 |
| 10233 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6 |
| 10234 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6 |
| 10235 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6 |
| 10236 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6 |
| 10237 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6 |
| 10238 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6 |
| 10239 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.6 |
| 10240 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6 |
| 10241 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ±9.6 |
| 10242 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 9.86 | ±9.6 |
| 10243 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.46 | ±9.6 |
| 10244 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD | 10.06 | ±9.6 |
| 10245 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-TDD | 10.06 | ±9.6 |
| 10246 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ±9.6 |
| 10247 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD LTE-TDD | 9.91 | ±9.6 ±9.6 |
| | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ±9.6 |
| 10249 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.81 | ±9.6 |
| 10250 | CAH CAH | | LTE-TDD | 10.17 | ±9.6 |
| 10251 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ±9.6 |
| 10252 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ±9.6 |
| 10253 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ±9.6 |
| 10255 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ±9.6 |
| 10256 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ±9.6 |
| 10257 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ±9.6 |
| 10258 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ±9.6 |
| 10259 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ±9.6 |
| 10260 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ±9.6 |
| 10261 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ±9.6 |
| 10262 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ±9.6 |
| 10263 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.16 | ±9.6 |
| 10264 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ±9.6 |
| 10265 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ±9.6 |
| 10266 | CAH | | LTE-TDD | 10.07 | ±9,6 |
| 10267 | CAH | | LTE-TDD | 9.30 | ±9.6 |
| 10268 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ±9.6 |
| 10269 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ±9.6 |
| 10270 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ±9.6 |
| 10274 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ±9.6 |
| 10275 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA PHS | 3.96 | ±9.6 ±9.6 |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ±9.6 |
| 10278 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.5) PHS (QPSK, BW 884 MHz, Rolloff 0.38) | PHS | 12.18 | ±9.6 |
| 10279 | | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ±9.6 |
| 10290 | AAB AAB | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3,46 | ±9.6 |
| 10291 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ±9,6 |
| 10292 | 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 | AAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ±9.6 |
| 10298 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.72 | ±9.6 |
| 10299 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ±9.6 |
| 10300 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ±9.6 |
| 10301 | | IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC) | WIMAX | 12.03 | ±9.6 |
| 10001 | AAA | | | | 1 |
| 10301 | AAA | IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) | WIMAX | 12.57 | ±9.6 |
| | | IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC) | WIMAX WIMAX | 12.57 | ±9.6 ±9.6 |
| 10302 | AAA | | | | ±9.6 ±9.6 |
| 10302 10303 | AAA AAA | IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC) | WIMAX | 12.52 | ±9.6 |

| 10307 AAA EEE 80.2 te WMAX (2011; 0.107, 10MHz, 10AA, AMC 263, 18 gymbol) WMAX 14.48 g 10309 AAA FEE 80.2 te WMAX (2011; 0.107, 10MHz, 10AAA, AMC 263, 18 gymbol) WMAX 14.48 g 10310 AAA EEE 80.2 te WMAX (2011; 0.107, 10MHz, 10SAA, AMC 263, 18 gymbol) WMAX 14.55 g 10311 AAA DEE N3 IDE N1 10.66 10.66 10.66 10313 AAA DEN 13 IDE N1 10.61 1.45 2.66 10.61 1.45 2.77 1.74 4.74 1.74 4.74 1.75 1.75 1.74 1.74 1.74 1.74 1.75 1.75 1.75 1.74 1.75 1 | UID | Rev | Communication System Name | Group | PAR (dB) | Unc ^E $k = 2$ |
|---|-----|---|---------------------------------------|-----------|-----------|--------------------------|
| 1939 AAA IEEE 60.156 WIMAX (2018, 10m., 10MHz, 16CAAA, PUSC) WIMAX 14.46 1 1930 IAA IEEE 60.216 WIMAX (2018, 10m., 10MHz, 05R, AMC.23, 18 symbols) WIMAX 14.85 1 1931 IAE IEEE 60.216 WIMAX (2018, 10m., 10MHz, 0FSK, AMC.23, 18 symbols) WIMAX 14.86 1 1931 IAA IDEN 10 IDEN 10.64 1 | | | - | · · · · · | | ±9.6 |
| 1999 AAA IEEE 602 (169 WMAX (2918, 10m., 10MHz, (196X, AAC 2:6, 18 symbols) WMAX 14.58 1 1931 AAA IEEE 602 (169 WMAX (2918, 10m., 10MHz, (196X, AAC 2:6, 18 symbols) WMAX 14.57 1 1931 AAA IDEN 13 IDEN 10 IDEN 10 10.51 1 1931 AAA IDEN 13 IDEN 13 IDEN 10 1.55 1 1931 AAA IDEN 13 IDEN 173 IDEN 10 1.54 1 1931 AAA IDEN 12 IDEN 12 IDEN 12 1.54 1 1.55 1.54 1.55 1.54 1.54 1.55 1.54 1.54 1.55 </td <td> </td> <td>······ •</td> <td></td> <td></td> <td></td> <td>±9.6</td> | | ······ • | | | | ±9.6 |
| 10310 AAA IEEE B02 (SP MAAK (2013, 10 ms, 10 MHz, OPSK), AAC 2/0, 16 symbols) WMAAK H, 4/57 J 10311 AAA IDEN 10 IDEN 10,66 0 10314 AAA IDEN 13 IDEN 10,84 AA 10314 AAA IDEN 14 IDEN 13,44 AB 10315 AAB IEEE 60.21 (JW FIZ 4. GHz (EPC COM, 6Mpp, 96pc duty cycle) WLAN 8,38 4 10317 AAD IEEE 60.21 (JW FIZ 4. GHz (EPC COM, 6Mpp, 96pc duty cycle) WLAN 8,38 4 10318 AAA Pulse Waveform (200Hz, 10%) Generic 0.097 3 10382 AAA Pulse Waveform (200Hz, 40%) Generic 0.977 4 10384 AAA Pulse Waveform (200Hz, 40%) Generic 0.277 4 10385 AAA Pulse Waveform, 100 Hz Generic 6.277 4 10386 AAA GPSK Waveform, 100 Hz Generic 6.277 4 10386 AAA GPSK Waveform, 100 Hz <td< td=""><td></td><td>łł</td><td></td><td></td><td></td><td>±9.6</td></td<> | | łł | | | | ±9.6 |
| 10311 AAE LTF-FDD (SC-FDMA, 100% HB, 15MHz, QPSK) LTF-FDD 6.06 1 10314 AAA DEN 13 IDEN 10.51 JAB 10314 AAA DEN 13 IDEN 10.51 JAB IDEN 10.51 10315 AAB IEEE 00.2111 w/F12.4.GHz (DSS, 1Mbps, Stp. duty cycle) WLAN 8.36 3 10317 AAD IEEE 00.211 w/F12.4.GHz (DFM, Mbps, Stp. duty cycle) WLAN 8.36 3 10352 AAA Pulse Winedom (200Hz, 10%) Generic 6.99 3 10355 AAA Pulse Winedom (200Hz, 20%) Generic 6.22 2 10356 AAA Pulse Winedom (200Hz, 20%) Generic 6.22 2 1 10367 AAA Pulse Winedom (200Hz, 20%) Generic 6.27 2 2 1 10387 AAA Pulse Winedom (200Hz, 26-OAM, 990 cuty cycle) WLAN 8.37 1 10387 AAA Pulse Winedom (200Hz, 26-OAM, 990 cuty cycle) WLAN 8.53 2 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td> | | | | | | ±9.6 |
| 10313 AAA DEN 10.51 J 10314 AAA DEN 13 DEN 13.44 J 10315 AAB IEEE 60.211 (br WF1 24.40/r; (EPO-POM, & Mppa, Spp. duly cycle) WLAN 8.36 9 10316 AAB IEEE 60.211 (br WF1 24.40/r; (EPO-POM, & Mppa, Spp. duly cycle) WLAN 8.36 9 10317 AAD IEEE 60.211 (br WF1 24.40/r; (EPO-POM, & Mppa, Spp. duly cycle) WLAN 8.36 9 10382 AAA Pulse Wowdorm (2004r, 20%) Generic 10.00 9 10383 AAA Pulse Wowdorm (2004r, 40%) Generic 5.99 3 Generic 5.97 2 10 10.98 AAA 64-20M Wowdorm, 100 Hz Generic 6.27 10.99 AAA 64-20M Wowdor | | ····· | | | | ±9.6 |
| 10341 AAA DEN 1:6 IOEN 13.48 12 10345 AAB IEEE 80:11 g WiP 2.4 GHz (DSS, 1 Mpp, 98pc duty cycle) WLAN 8.36 9 10317 AAD IEEE 80:11 g WiP 2.4 GHz (ERP-OFDM, 6 Mpp, 98pc duty cycle) WLAN 8.36 9 10382 AAA Pulse Waveform (200Hz, 10%) Ganeric 10.00 9 3 10385 AAA Pulse Waveform (200Hz, 10%) Ganeric 2.62 3 10385 AAA Pulse Waveform (200Hz, 60%) Ganeric 2.22 2 10386 AAA Pulse Waveform (200Hz, 60%) Ganeric 2.22 2 10386 AAA Pulse Waveform, 100Hz Ganeric 5.22 3 10386 AAA 64-QAM Waveform, 100Hz Ganeric 5.27 5 10400 AAE IEEE 80.21 rac WiF1 (20MHz, 4-GAAM, 99c duty cycle) WLAN 8.36 2 10400 AAE IEEE 80.21 rac WiF1 (20MHz, 4-GAAM, 99c duty cycle) WLAN 8.36 2 10400 AAE | J | | | | | ±9.6 |
| Totals AAB IEEE 80.11 WHF 2.4 GHE (IPOSS), 1Mbps, 98pc duty cycle) WLAN 8.35 9 10316 AAD IEEE 80.21 Ig WHF S.GHz (OPSM, 6 Mbps, 98pc duty cycle) WLAN 8.36 9 10325 AAD Pulse Waveform (2004z, 20%) Generatic 6.00 9 10355 AAA Pulse Waveform (2004z, 20%) Generatic 6.99 3 10355 AAA Pulse Waveform (2004z, 20%) Generatic 6.99 3 10355 AAA Pulse Waveform (2004z, 60%) Generatic 6.22 3 10355 AAA Pulse Waveform (2004z, 60%) Generatic 5.10 1 10385 AAA GPSK Waveform, 10MHz Generatic 5.27 5 10386 AAA 64-QAM Waveform, 10MHz Generatic 5.27 5 10386 AAA 64-QAM Waveform, 10MHz Generatic 5.27 5 10386 AAA 64-QAM Waveform, 10MHz GonAM, 99pc duty cycle) WLAN 8.53 10386 AAA 1 | | | | | - · · · · | ±9.6 |
| TOBIE ARE IEEE 802.11 g WIF 2.4 GHz (ERP-OFDM, EMps, 98pb duty cycle) WLAN 8.36 9 TOSE AAA Pulse Waveform (200Hz, 10%) Genotic 6.69 2 TOSE AAA Pulse Waveform (200Hz, 10%) Genotic 6.89 2 TOSE AAA Pulse Waveform (200Hz, 10%) Genotic 6.89 2 TOSE AAA Pulse Waveform (200Hz, 10%) Genotic 2.82 2 TOSE AAA Pulse Waveform (200Hz, 6%) Genotic 5.10 2 TOSE AAA OPSK Waveform, 100Hz Genotic 5.22 1 TOSE AAA OPSK Waveform, 100Hz Genotic 5.27 1 TO400 AAE IEEE 80.11 to WIF (20 MHz, 4-CAM, 98pc duty cycle) WLAN 8.83 1 TO400 AAE IEEE 80.11 to WIF (20 MHz, 4-CAM, 98pc duty cycle) WLAN 8.83 1 TO400 AAE IEEE 80.11 to WIF (20 MHz, 4-CAM, 98pc duty cycle) WLAN 8.83 1 TO401 AAE <t< td=""><td>1</td><td></td><td>· · ·</td><td></td><td></td><td>±9.6</td></t<> | 1 | | · · · | | | ±9.6 |
| 10327 AAD IEEE 802.11a WIFL GHz (OPDM, 6 Mbps, 96pc duly cycle) WLAN 8.36 10382 AAA Pulse Waveform (200Hz, 10%) Generatic 6.99 10385 AAA Pulse Waveform (200Hz, 10%) Generatic 6.99 10385 AAA Pulse Waveform (200Hz, 10%) Generatic 2.22 9 10385 AAA Pulse Waveform (200Hz, 10%) Generatic 2.22 9 10385 AAA Pulse Waveform, 100Hz Generatic 2.72 9 10385 AAA GPSK Waveform, 100Hz Generatic 6.27 1 10385 AAA G4-OAM Waveform, 40MHz Generatic 6.27 1 10400 AAE IEEE 802.11a WIR (20MHz, 40-OAM, 99pc duty cycle) WLAN 8.53 1 10400 AAE IEEE 802.11a WIR (20MHz, 40-OAM, 99pc duty cycle) WLAN 8.54 1 10404 AAE CDMA2000 (15C-VO, Rev. 0) CDMA2000 0 5.27 1 10414 AAA CDMA2000 (15C | | | | | | ±9.6 |
| 10382 AAA Pulse Waveform (200Hz, 20%) Generic 6.99 J 10385 AAA Pulse Waveform (200Hz, 20%) Generic 3.98 J 10385 AAA Pulse Waveform (200Hz, 20%) Generic 2.22 J 10385 AAA Pulse Waveform (200Hz, 20%) Generic 2.22 J 10385 AAA Pulse Waveform (200Hz, 20%) Generic 2.22 J 10386 AAA OPSK Waveform, 10 MHz Generic 5.22 J 10386 AAA 64-OAM Waveform, 10 MHz Generic 6.27 J 10400 AAE IEEE 802 11 av WFI (20 MHz, 64-OAM, 90pc duty cycle) WLAN 8.80 J 10401 AAE IEEE 802 11 av WFI (20 MHz, 64-OAM, 90pc duty cycle) WLAN 8.80 J 10402 AAE IEEE 802 11 av WFI (20 MHz, 64-OAM, 90pc duty cycle) WLAN 8.52 J 10404 AAB COMA2000 8.27 C COMA2000 8.27 J 10402 AAC <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td> | | | | | | ±9.6 |
| 10353 AAA Pulse Waveform (200Hz, 40%) Generic 5.98 j.j. 10355 AAA Pulse Waveform (200Hz, 40%) Generic 2.22 j.j. 10355 AAA Pulse Waveform (200Hz, 40%) Generic 2.22 j.j. 10356 AAA OPSK Waveform, 10Mz Generic 5.62 j.j. 10368 AAA OPSK Waveform, 10Mz Generic 5.22 j.j. 10369 AAA OPSK Waveform, 10Mz Generic 5.27 j.j. 10369 AAA GPSK Waveform, 10Mz Generic 5.27 j.j. 10369 AAA Generic 5.27 j.j. Generic 5.27 j.j. 10400 AAE IEEE 802.11 ac WHI (40MHz, 64-OAM, 90gc duty cycle) WLAN 8.53 j.j. | | | | | | ±9.6 |
| 10355 AAA Pulse Waveform (200Hz, 40%) Generic 3.88 4 10355 AAA Pulse Waveform (200Hz, 40%) Generic 0.37 1.03 10356 AAA Pulse Waveform (200Hz, 40%) Generic 0.37 1.03 10367 AAA OPSK Waveform, 100Hz Generic 5.22 1.03 10389 AAA OPSK Waveform, 40 MHz Generic 6.27 1.03 10380 AAA 64-CAM Waveform, 40 MHz, 64-CAM, 69pc duty cycle) WLAN 8.80 2.7 1.04 10401 AAE IEEE 802.11 ac WHI (200 MHz, 64-CAM, 69pc duty cycle) WLAN 8.83 1.04 3.76 1.04 3.76 1.04 3.76 1.04 4.88 CDMA2000 (152/VO.0, Rev. 0) CDMA2000 (152/VO. | L | 1 | | | | ±9.6 |
| 10355 AAA Pulse Waveform (200Hz, 80%) Ganaria Ganaria 0.97 10356 AAA CPSK Waveform, 10MHz Generic 5.10 a 10386 AAA CPSK Waveform, 10MHz Generic 6.22 a 10386 AAA GPSK Waveform, 10MHz Generic 6.27 a 10396 AAA 64-A0M Waveform, 10MHz Generic 6.27 a 10400 AE EEE 80.21 tac WHI (20MHz, 64-QAM, 89pc duty cycle) WLAN 8.60 a 10401 AAE IEEE 80.21 tac WHI (20MHz, 64-QAM, 99pc duty cycle) WLAN 8.60 a 10402 AAE IEEE 80.21 tac WHI (20MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 a 10402 AAE IEEE 80.21 tac WHI (20MHz, 10, QBK), LU Subtrame-2.3,4,7,8,8, Subtrame Confe-4) IEEE 7002 7.82 10404 AAB CDMA2000 (rsc, S0.23, SCHO, Full Rate COMA2000 (rsc, S0.23, SCHO, Full Rate COMA200 | J | | | | | ±9.6 |
| TO366 AAA Pulse Waveform (200+2, 90%) Generic 0.97 J T0367 AAA OPSK Waveform, 10MHz Generic 5.22 J T0388 AAA OPSK Waveform, 10MHz Generic 5.22 J T0389 AAA B4-QAM Waveform, 10MHz Generic 6.27 J T0390 AAA B4-QAM Waveform, 10MHz, 64-QAM, 8ppc duty cycle) WLAN 8.57 J T0400 AAE IEEE 802.11ac WHI (20MHz, 64-QAM, 8ppc duty cycle) WLAN 8.53 J T0401 AAE IEEE 802.11ac WHI (20MHz, 64-QAM, 8ppc duty cycle) WLAN 8.53 J T0404 AAB CDMA2000 (15E/VD, Rev. 0) LTE-TDD 7.82 J T0414 AAA IEEE 802.110 WHI 24 (12 (DSS5, 1 Mpp, 9ppc duty cycle) WLAN 1.84 J J J J J J J J J J J J J J | | | · · · · · | | | ±9.6 |
| 10387 AAA OPSK Waveform, 10MHz Commerie 5.10 13 10388 AAA 64-GAM Waveform, 10MHz Generic 5.27 13 10399 AAA 64-GAM Waveform, 10MHz Generic 5.27 13 10400 AAE EEEE 802.118: WIF1 (20MHz, 64-OAM, 95pc duty cycle) WLAN 8.87 10401 AAE IEEE 802.118: WIF1 (20MHz, 64-OAM, 95pc duty cycle) WLAN 8.83 10402 AAE IEEE 802.118: WIF1 (20MHz, 64-OAM, 95pc duty cycle) WLAN 8.83 10402 AAE IEEE 802.118: WIF1 (20MHz, 64-OAM, 95pc duty cycle) WLAN 8.83 10404 AAB CDMA2000 (1KEV DO, Rev. A) CDMA2000 (1KEV DO, Rev. A) CDMA2000 (1KEV DO, Rev. A) 10416 AAA WLEN OCDF, 64-OAM, AM OMHz CBR CDMA2000 (1KEV AD, Rev. A) IEEE 802.116 WIF1 2.4 GHz (1SSS - OFDM, ABB, 190, B9pc duty cycle) WLAN 8.23 I 10417 AAC IEEE 802.116 WIF1 2.4 GHz (ISSS - OFDM, ABB, 190, B9pc duty cycle) WLAN 8.23 I 10413 AAA IEEE 802.116 WIF1 2.4 GHz (ISSS - OFDM, AB | | | | | | ±9.6 |
| 10388 AAA OPSK Waveform, 100H/tz General 5.22 10398 AAA 64-GAM Waveform, 400H/tz General 6.57 19 10399 AAA 64-GAM Waveform, 400H/tz General 6.57 19 10400 TAE IEEE 802.11ac WIF1 (20MHz, 64-QAM, 98pc duty cycle) WLAN 8.37 10402 TAE IEEE 802.11ac WIF1 (20MHz, 64-QAM, 98pc duty cycle) WLAN 8.53 10404 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (3.77 10 10404 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (3.77 10 10416 AAA ICDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (3.522 10 10416 AAA IEEE 802.118 (MHZ, 40/Hz (CSSS, 1Mbps, 99pc duty cycle) WLAN 1.84 10417 AAC IEEE 802.118 (MHZ, 40/Hz (CSSS, 1Mbps, 99pc duty cycle) WLAN 8.54 10418 AAA IEEE 802.118 (WHZ, 40/Hz (CSSS, 1Mbps, 99pc duty cycle) WLAN 8.54 10417 AAC IEEE 802.118 (WHZ, 40/Hz (CSSS, 0FDM, Mbps, 99pc duty cycle), Short preambule) WLAN | | | <u> </u> | | | ±9.6 |
| 10396 AAA 64-QAM Waveform, 100HHz Generic 6.2.7 9 10393 AAA 64-QAM Waveform, 400HHz Generic 6.2.7 9 10400 AAE IEEE 802.11ac WIFI (20MHz, 64-QAM, 98pc duty cycle) WLAN 8.3.0 10401 AAE IEEE 802.11ac WIFI (20MHz, 64-QAM, 98pc duty cycle) WLAN 8.6.0 10402 AAE IEEE 802.11ac WIFI (20MHz, 64-QAM, 98pc duty cycle) WLAN 8.5.3 10403 AAB CDMA2000 (1keV-DO, Rev. A) CDMA2000 8.7.6 5.2 10404 AAB CDMA2000 (1keV-DO, Rev. A) CDMA2000 7.8 5.2 10416 AAA WLAN COLF, 84-QAM, 40 MHz Generic 6.5.4 5.2 10417 AAA IEEE 802.116 WIFI 2.4 GHz (CBSS, 1Mbps, 98pc duty cycle) WLAN 8.23 5 10417 AAA IEEE 802.116 WIFI 2.4 GHz (CBSS, 5-CPDM, 6Mbps, 98pc duty cycle) WLAN 8.23 5 10418 AAA IEEE 802.116 WIFI 2.4 GHz (CBSS, 5-CPDM, 6Mbps, 98pc duty cycle), Short preambule) WLAN 8.32 5 | | | | | | ±9.6 |
| 10389 AAA 64-GAM Waveform, 40 MHz Generic 6.27 3 10400 AAE IEEE 802.11a: WIFI (20 MHz, 64-GAM, 98po duty cycle) WLAN 8.60 2 10401 AAE IEEE 802.11a: WIFI (20 MHz, 64-GAM, 98po duty cycle) WLAN 8.53 2 10402 AAE IEEE 802.11a: WIFI (20 MHz, 64-GAM, 98po duty cycle) WLAN 8.53 2 10404 AAB CDMA2000 (1KEV-DO, Rev. 0) CDMA2000 3.76 2 10404 AAB CDMA2000 (1KEV-DO, Rev. 0) CDMA2000 5.22 2 10414 AAA ICE COMA2000, Rev. CA, S. 302, S. 5CHO, Full Rate CDMA2000 5.22 2 10414 AAA IEEE 802.11B WIFI 24 GHz (DSS), 1Mbps, 99po duty cycle) WLAN 15.4 1 10418 AAA IEEE 802.11B WIFI 24 GHz (DSS), 5Mbps, 99po duty cycle) WLAN 8.23 1 10418 AAA IEEE 802.11B WIFI 24 GHz (DSS)<5O-FDM, Mbps, 99po duty cycle, Long preambule) | | | | | | ±9.6 |
| 10400 AAE IEEE 802.11ac WIF (20 MHz, 64-OAM, 98pc duty cycle) WLAN 8.37 15 10401 AAE IEEE 802.11ac WIF (20 MHz, 64-OAM, 98pc duty cycle) WLAN 8.60 2 10402 AAE IEEE 802.11ac WIF (20 MHz, 64-OAM, 98pc duty cycle) WLAN 8.53 2 10403 AAE CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 3.76 2 10404 AAE CDMA2000, RC3, SO23, SCH0, Full Rate CDMA2000 5.22 2 10410 AAH ITE-TDD (7.82 CDMA2000 5.22 2 1 10411 AAA WLAN CODF, 64-OAM, 40 MHz GEAM 1 1 4 1 1 4 1 5 1 1 1 1 4 1 5 1 | | 1 | | | | ±9.6 |
| TOAD1 AAE IEEE 802.11se WIFi (40 MHz, 64-OAM, 98pc duty cycle) WLAN 8.60 1 TO402 AAE IEEE 802.11se WIFi (80 MHz, 64-OAM, 98pc duty cycle) WLAN 8.53 1 TO403 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 3.76 2 TO404 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 5.22 2 TO410 AAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK, UL Subframe-2.3,4,7,8,9, Subframe Conf=4) ITE-TDD 7.82 2 TO411 AAA IEEE 802.110 WIF12.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) WLAN 1.54 2 TO413 AAA IEEE 802.110 WIF12.4 GHz (DSSS, 0FDM, 6Mbps, 99pc duty cycle) WLAN 8.23 2 TO413 AAA IEEE 802.110 WIF12.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Ung preambule) WLAN 8.23 2 TO413 AAA IEEE 802.110 (WIF 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Short preambule) WLAN 8.22 3 TO413 AAA IEEE 802.11n (HT Greenfield, 7.2 Mbps, 69pc duty cycle, Short preambule) WLAN 8.40 3 10422 | | | | | | ±9.6 |
| 10402 AAE IEEE 802.11se WIF (80 MHz, 64-OAM, 98pc duty cycle) WLAN 8.53 12 10403 AAB CDMA2000 (1xEV-DC, Rev. 0) CDMA2000 3.76 12 10404 AAB CDMA2000 (1xEV-DC, Rev. A) CDMA2000 3.77 12 10406 AAB CDMA2000 (1xEV-DC, Rev. A) CDMA2000 5.22 12 10410 AAH ILTE-TDD (56-CPMA, 1BB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf-4) ILTE-TDD 7.82 12 10414 AAA WLAN CODF, 64-CAM, 40 MHz CDSS, 11Mps, 99pc duty cycle) WLAN 8.54 12 10416 AAA IEEE 802.11g WIF1 2 AGHz (DSS, 17Mps, 99pc duty cycle) WLAN 8.23 12 10417 AAC IEEE 802.11g WIF1 2 AGHz (DSS O-FDM, 6Mps, 99pc duty cycle), Long preambule) WLAN 8.41 12 10423 AAC IEEE 802.11g WIF1 2 AGHz (DSS O-FDM, 6Mps, 99pc duty cycle), Sinort preambule) WLAN 8.41 12 10424 AAC IEEE 802.11n (HT Greenfield, 15 Mps, 16-CAM) WLAN 8.41 12 10425 AAC | | | | | | ±9.6 |
| 10403 AAB CDMA2000 (1XEV-DO, Rev. A) CDMA2000 3.77 1 10404 AAB CDMA2000 (1XEV-DO, Rev. A) CDMA2000 3.77 1 10406 AAB CDMA2000 (1XEV-DO, Rev. A) CDMA2000 3.77 1 10416 AAH LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf-4) LTE-TDD 7.82 10416 AAA IEEE 802.119 WiFi 2.4 GHz (DSSS, 1Mbps, 99pc duty cycle) WLAN 8.54 1 10416 AAA IEEE 802.119 WiFi 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle) WLAN 8.23 1 10417 AAC IEEE 802.110 WiFi 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Long preambule) WLAN 8.44 1 10417 AAC IEEE 802.110 (HT Greenfield, 7.2 Mbps, 16-OAM) WLAN 8.47 1 10422 AAC IEEE 802.110 (HT Greenfield, 7.2 Mbps, 16-OAM) WLAN 8.47 1 10428 AAC IEEE 802.110 (HT Greenfield, 7.2 Mbps, 8PSK) WLAN 8.41 1 10424 AAC IEEE 802.110 (HT Greenfield, 7.2 Mbps, 8PSK) | | | | | | ±9.6 |
| 10404 AB CDMA2000 3.77 2 10406 AAB CDMA2000, ISE-POD, Rev. A) CDMA2000, S23, SCH0, Full Rate CDMA2000 5.22 : 10410 AAH LTE-TDD (SC-FDMA, TB, ID (MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Cont-4) LTE-TDD 7.82 : 10414 AAA WLAN CCDF, 64-GMA, 40 MHz Generic 8.54 : 10415 AAA IEEE 802,11g WIFI 2.4 GHz (CPSK, 10 SSS, 10 Mbps, 99p duty cycle) WLAN 8.23 : 10416 AAA IEEE 802,11g WIFI 2.4 GHz (DSSS, 0FDM, 6Mbps, 99p duty cycle) WLAN 8.23 : 10418 AAA IEEE 802,11g WIFI 2.4 GHz (DSSS, 0FDM, 6Mbps, 99p duty cycle, Short preambule) WLAN 8.14 : 10422 AAC IEEE 802,11n (HT Greenfield, 2.2 Mbps, 64-OAM) WLAN 8.47 : 10428 AAC IEEE 802,11n (HT Greenfield, 4.3 Mbps, 16-GAM) WLAN 8.41 : 10428 AAC IEEE 802,11n (HT Greenfield, 4.5 Mbps, BPSK) WLAN 8.41 : 10426 AAC IEEE 802,11n (HT Greenfield | | | | | | ±9.6 |
| 10406 AAB CDMA2000, RC3, S032, SCH0, Full Rate CDMA2000 5.22 1010 AAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL. Subframe=2,3,4,7,8,9, Subframe Confi=4) LTE-TDD 7.82 10114 AAA IEEE B02,119 WiFI 2.4 GHz (DSSS, 1Mbps, 99pc duty cycle) WLAN 8.54 10416 AAA IEEE B02,119 WiFI 2.4 GHz (DSSS, 1Mbps, 99pc duty cycle) WLAN 8.23 10417 AAC IEEE B02,11g WiFI 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Long preambule) WLAN 8.23 10418 AAA IEEE B02, 11g WiFI 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Long preambule) WLAN 8.14 10422 AAC IEEE B02, 11n (HT Greenfield, 20SS-OFDM, 6Mbps, 99pc duty cycle, Short preambule) WLAN 8.47 10422 AAC IEEE B02, 11n (HT Greenfield, 20SS-OFDM, 6Mbps, 99pc duty cycle, Short preambule) WLAN 8.47 10424 AAC IEEE B02, 11n (HT Greenfield, 20SS-OFDM, 6Mbps, 99Pc duty cycle, Short preambule) WLAN 8.41 10424 AAC IEEE B02, 11n (HT Greenfield, 30SMbps, 16-QAM) WLAN 8.41 10424 AAC IEEE B02, 11n (HT Greenfield, 15Mbps, 6H-QAM) | | | | | | ±9.6 |
| 10410 AAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Conf=4) LTE-TDD 7.82 10141 AAA WLAN CCDF, 64-QAM, 40 MHz Generic 8.54 . 101415 AAA IEEE 802.11g WIFI 2.4 GHz (CDSSS, 1Mps, 99pc duty cycle) WLAN 8.23 10416 AAA IEEE 802.11g WIFI 2.4 GHz (CDFDM, 6Mps, 99pc duty cycle) WLAN 8.23 10417 AAC IEEE 802.11g WIFI 2.4 GHz (DSSS, OFDM, 6Mps, 99pc duty cycle, Long preambule) WLAN 8.14 10418 AAA IEEE 802.11n (HT Greenfield, 7.2 Mbps, 819pc duty cycle, Short preambule) WLAN 8.14 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 819K) WLAN 8.47 10424 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 81-QAM) WLAN 8.41 10425 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 81-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 64-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 64-QAM) WLAN 8.45 10427 AAC | ļ | | | | | ±9.6 |
| 10414 AAA WLAN COP, 64-OAM, 40 MHz Generic 8.54 10416 AAA IEEE 802.11b WIF12.4 GHz (DSSS, 1Mbps, 99pc duty cycle) WLAN 1.54 10416 AAA IEEE 802.11g WIF12.4 GHz (DSSS, 1Mbps, 99pc duty cycle) WLAN 8.23 10417 AAC IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 10418 AAA IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) WLAN 8.14 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 8Ps (Mpc, 99pc duty cycle, Short preambule) WLAN 8.32 10424 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 8Pc (M) WLAN 8.40 10425 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 8PS (M) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 7.8 Mbps, 8PS (M) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 9Mbps, 16-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 9Mbps, 16-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Green | | | | | | ±9.6 |
| 10415 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duly cycle) WLAN 1.54 10416 AAA IEEE 802.11g WiFi 2.4 GHz (DFDM, 6Mbps, 99pc duly cycle) WLAN 8.23 10417 AAC IEEE 802.11g WiFi 2.4 GHz (DFDM, 6Mbps, 99pc duly cycle) WLAN 8.14 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6Mbps, 99pc duly cycle, Short preambule) WLAN 8.14 10428 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 89pc duly cycle, Short preambule) WLAN 8.19 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 8PSK) WLAN 8.40 10424 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 84-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) WLAN 8.41 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 10428 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 10430 AAE ITF-FDD (OFDMA, 5MHz, E-TM 3.1) ITE-FDD 8.38 10432 AAD ITF-FDD (OFDMA, 5MHz, E | 1 | | · · · · · · · · · · · · · · · · · · · | \$ | | ±9.6 |
| 10416 AAA IEEE 802.11g WiF12.4 GHz (ERP-OFDM, 6Mbps, 99pc duty cycle) WLAN 8.23 10417 AAC IEEE 802.11a/n WiF15 GHz (OFDM, 6Mbps, 99pc duty cycle) WLAN 8.23 10418 AAA IEEE 802.11g WiF12.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Short preambule) WLAN 8.14 10419 AAA IEEE 802.11g WiF12.4 GHz (DSSS-OFDM, 6Mbps, 99pc duty cycle, Short preambule) WLAN 8.14 10423 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BOSK) WLAN 8.47 10424 AAC IEEE 802.11n (HT Greenfield, 2.2 Mbps, BC-QAM) WLAN 8.41 10425 AAC IEEE 802.11n (HT Greenfield, 3.0 Mbps, 16-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 3.0 Mbps, 84-QAM) WLAN 8.45 10427 AAC IEEE 802.11n (HT Greenfield, 5.0 Mbps, 84-QAM) WLAN 8.45 10428 AAC IEEE 802.11n (HT Greenfield, 5.0 Mbps, 84-QAM) WLAN 8.45 10432 AAC IEEE 802.11n (HT Greenfield, 5.0 Mbps, 84-QAM) WLAN 8.45 10434 AAB UTE-FDD COFDMA, | | | | | | ±9.6 |
| 10417 AAC IEEE 802.11a/h WIF15 GHz (OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 10118 AAA IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Snort preambule) WLAN 8.14 10419 AAA IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Snort preambule) WLAN 8.19 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.42 10424 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 64 QAM) WLAN 8.40 10425 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 64 QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 64 QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 64 QAM) WLAN 8.41 10430 AAE ITE-FDD (OFDMA, 5 MHz, E-TM 3.1) ITE-FDD 8.38 10431 AAE ITE-FDD (OFDMA, 16 MHz, E-TM 3.1) ITE-FDD 8.34 10433 AAD ITE-FDD (OFDMA, 16 MHz, E-TM 3.1, Cilppin 44%) ITE-FDD 7.82 10447 AAE ITE-FDD (OFDMA, 16 MHz, E-TM 3.1, Cilppin 44%) </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td> | | | | | | ±9.6 |
| 10418 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) WLAN 8.14 10419 AAA IEEE 802.11n (HT Greenfield, ZZ Mbps, 89pc duty cycle, Short preambule) WLAN 8.19 10422 AAC IEEE 802.11n (HT Greenfield, ZZ Mbps, BPSK) WLAN 8.32 10423 AAC IEEE 802.11n (HT Greenfield, 72.2 Mbps, 86-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 72.2 Mbps, 86-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 86-QAM) WLAN 8.41 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 86-QAM) WLAN 8.41 10428 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 86-QAM) WLAN 8.41 10430 AAE ITF-FDD (OFDMA, 15MHz, E-TM 3.1) ITF-FDD 8.28 10431 AAE ITF-FDD (OFDMA, 15MHz, E-TM 3.1) ITF-FDD 8.34 10433 AAD ITF-FDD (OFDMA, 15MHz, E-TM 3.1) ITF-FDD 7.82 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8 | | | | | | ±9.6 |
| 11019 AAA IEEE 802.11g (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.19 110422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 110424 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, 16-QAM) WLAN 8.47 110424 AAC IEEE 802.11n (HT Greenfield, 72.2 Mbps, 16-QAM) WLAN 8.47 110425 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, 16-QAM) WLAN 8.41 110426 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) WLAN 8.45 110427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) WLAN 8.45 110428 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.45 110424 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.45 110432 AAD LTE-FDD (OFDMA, 150 MLz, E-TM 3.1) ITE-FDD 8.38 110433 AAD LTE-FDD (OFDMA, 160 MLz, E-TM 3.1) ITE-FDD 8.34 110434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 110435 AAG ITE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clippin 44%) ITE | | | | | | ±9.6 |
| 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 10423 AAC IEEE 802.11n (HT Greenfield, 23.3 Mbps, 16-QAM) WLAN 8.47 10424 AAC IEEE 802.11n (HT Greenfield, 23.3 Mbps, 16-QAM) WLAN 8.41 10425 AAC IEEE 802.11n (HT Greenfield, 29.0 Mbps, 16-QAM) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 50 Mbps, 64-QAM) WLAN 8.41 10427 AAC IEEE 802.11n (HT Greenfield, 50 Mbps, 64-QAM) WLAN 8.41 10421 AAE LTE-FDD (OFDMA, 5MHz, E-TM 3.1) LTE-FDD 8.28 10431 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.34 10432 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 10433 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.82 10444 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.56 10444 AAE LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.56 | | | | 1 | | ±9,6 |
| 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-0AM) WLAN 8.47 10424 AAC IEEE 802.11n (HT Greenfield, 72.2 Mbps, 84-0AM) WLAN 8.40 10425 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) WLAN 8.41 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 10428 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.28 10431 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.34 10433 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) WCDMA 8.60 10434 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.82 10447 AAE LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 10448 AAE LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.58 | [| - | | | | ±9.6 |
| 10424 AAC IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 : 10426 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 : 10428 AAC IEEE 802.11n (HT Greenfield, 16 Mbps, 16-QAM) WLAN 8.41 : 10427 AAC IEEE 802.11n (HT Greenfield, 16 Mbps, 64-QAM) WLAN 8.41 : 10430 AAE LTE-FDD (OFDMA, 5MHz, E-TM 3.1) ITE-FDD 8.28 : 10431 AAE LTE-FDD (OFDMA, 16 MHz, E-TM 3.1) ITE-FDD 8.34 : 10433 AAD ITE-FDD (OFDMA, 20 MHz, E-TM 3.1) ITE-FDD 8.34 : 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 : 10434 AAB ITE-FDD (OFDMA, 194, 20 FSK, UL Subframe=2,3,4,7,8,9) ITE-FDD 7.52 10444 AAE ITE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clippin 44%) ITE-FDD 7.56 10445 AAD ITE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) ITE-FDD 7.51 10445 <td< td=""><td>L</td><td></td><td></td><td></td><td></td><td>±9.6</td></td<> | L | | | | | ±9.6 |
| 10425 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 10426 AAC IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 10430 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) ITE-FDD 8.28 10431 AAE ITE-FDD (OFDMA, 15 MHz, E-TM 3.1) ITE-FDD 8.34 10433 AAD ITE-FDD (OFDMA, 20 MHz, E-TM 3.1) ITE-FDD 8.34 10433 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 10435 AAG ITE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) ITE-FDD 7.62 10445 AAE ITE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) ITE-FDD 7.53 10446 AAE ITE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) ITE-FDD 7.54 10446 AAD ITE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) ITE-FDD 7.48 104 | | | | | | ±9.6 |
| 10426 AAC IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 10430 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 8.28 10431 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 10432 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 10433 AAD LTE-FDD (OFDMA, 18Hz, E-TM 3.1) LTE-FDD 8.34 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 10443 AAG LTE-FDD (OFDMA, 1 RB, 20 MHz, QFSK, UL Subframe=2,3,4,7,8,9) LTE-FDD 7.82 10447 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 10449 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10450 AAE LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 | | . i | | | | ±9.6 |
| 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 . 10430 AAE LTE-FDD (OFDMA, 5MHz, E-TM 3.1) LTE-FDD 8.28 . 10431 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 . 10432 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.34 . 10433 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 . 10433 AAD LTE-FDD (OFDMA, 18 Mz, E-TM 3.1) LTE-FDD 8.34 . 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 . 10435 AAG LTE-FDD (OFDMA, 17 A1, 2, CIPping 44%) LTE-FDD 7.53 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 10449 AD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.54 10450 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, | | | | L | | ±9.6 |
| 10430 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 8.28 10431 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 10432 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 10432 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 10433 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 10435 AAG LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.82 10447 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 10448 AAE LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) LTE-FDD 7.48 10453 AAE Validation (Square, 10 ms, 1 ms) 10ets AAC IEE 802.11ac WiF1 (160 MHz, 6-TMA, 18, 9.44%) <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td> | | | | | | ±9.6 |
| 10431 AAE LTE-FDD (OFDMA, 10MHz, E-TM 3.1) LTE-FDD 8.38 10432 AAD LTE-FDD (OFDMA, 10MHz, E-TM 3.1) LTE-FDD 8.34 10433 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 10435 AAG LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-FDD 7.82 10447 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) LTE-FDD 7.48 10451 AAB Waldation (Square, 10ms, 1ms) Test 10.00 10453 AAC EEE 802.11ac WHF (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 | | | | | | ±9.6 |
| 10432 AAD LTE-FDD 0.8.34 10433 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 10433 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 10435 AAG LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-FDD 7.82 10447 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10449 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10451 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10454 AAC IEEE 802.11ac WiFi (160 MHz, 64-QAM, 9pc duty cycle) WLAN 8.63 10454 AAC CDMA20 | 1 | | | | | ±9.6 |
| 10433 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 10435 AAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10447 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10454 AAB W-CDMA (BS Test Model 1, 64-QAM, 99pc duty cycle) WLAN 8.63 10454 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td> | | | | | | ±9.6 |
| 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 10435 AAG LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10447 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 | | | | | | ±9.6 |
| 10435 AAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10447 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.53 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99c duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCOMA 6.55 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCOMA, AMR) WCOMA 2.39 1046 | | | | | | ±9.6 |
| 10447 AAE LTE-FDD (OFDMA, SMHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-CDMA (BS Test Model 1, 64 OPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 | | | | | | ±9.6 |
| 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.53 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-COMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>±9.6</td></t<> | | | | | | ±9.6 |
| 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) LTE-FDD 7.51 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEEE 802.11 ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DQ, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DQ, Rev. B, 3 carriers) CDMA2000 8.26 10460 AB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.8 | | | · · · · · · · · · · · · · · · · · · · | | | ±9.6 |
| 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 | | | | | | ±9.6 |
| 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEEE 802.11 ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Subframe=2,3,4,7,8,9) | | - | | | | ±9.6 |
| 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 10456 AAC IEEE 802.11 ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM, UL Subframe=2,3,4,7,8, | | 4 | | | | ±9.6 |
| 10456 AAC IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, | 1 | | | | | ±9.6 |
| 10457 AAB UMTS-FDD (DC-HSDPA) WCDMA 6.62 10457 AAB CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 8.25 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM, UL Su | | | | | | ±9.6 |
| 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10466 | | · | | | | ±9.6 |
| 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 | | | | | | ±9.6 |
| 10460 AAB UMTS-FDD (WCDMA, AMR) WCDMA 2.39 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.3 | | | | | | ±9.6 |
| 10461 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 02SK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td> | | | | | | ±9.6 |
| 10462 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | | | | | | ±9.6 |
| 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10463 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 | | | | | | ±9.6 |
| 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 | | | | 1 | | ±9.6 |
| 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10466 AAQ LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 | | - · · · · · · · · · · · · · · · · · · · | | | | ±9.6 |
| 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 | | | | | | ±9.6 |
| 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 | | | | | | ±9.6 |
| 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 | | | | | | ±9.6 |
| 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 | \$ | | | | | ±9.6 |
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| | | | | | | ±9.6 |
| | | | | | | ±9.6 |

| UID | Rev | Communication System Name | Group | PAR (dB) | $Unc^E k = 2$ |
|----------------|------------|--|--------------|----------|---------------|
| 10472 | AAG | 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 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.82 | ±9.6 |
| 10474 | AAF | 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 | AAF | 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 | AAG | 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 | AAG | 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 | AAC | 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 | AAC | 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 | AAC | 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 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.71 | ±9.6 |
| 10483 | AAD | 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 | AAD | 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 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.59 | ±9.6 |
| 10486 | AAG | 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 | AAG | 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 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.70 | ±9.6 |
| 10489 | AAG | 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 | AAG | 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 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ±9.6 |
| 10492 | AAF | 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 | AAF | 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 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ±9.6 |
| 10495 | AAG | 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 | AAG | 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 | AAC | 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 | AAC | 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 | AAC | 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 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.67 | ±9.6 |
| 10501 | AAD | 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 | AAD | 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 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.72 | ±9.6 |
| 10504 | AAG | 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 | AAG | 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 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ±9.6 |
| 10507 | AAG | 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 | AAG | 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 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.99 | ±9.6 |
| 10510 | AAF | 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 | AAF | 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 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ±9.6 |
| 10513 | AAG | 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 | AAG | 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 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) | WLAN | 8.23 | ±9.6 |
| 10519 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) | WLAN | 8.39 | ±9.6 |
| 10520 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) | WLAN | 8.12 | ±9.6 |
| 10521 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) | WLAN | 7.97 | ±9.6 |
| 10522 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) | WLAN | 8.45 | ±9.6 |
| 10523 | AAC | IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) | WLAN | 8.08 | ±9.6 |
| 10524 10525 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) | WLAN WLAN | 8.27 | ±9.6 |
| 10525 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) | | 8.36 | ±9.6 |
| 10526 | AAC AAC | IEEE 802.11ac WIFI (20 MHz, MCS1, 99pc duty cycle) | WLAN WLAN | 8.42 | ±9.6 |
| 10527 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) | WLAN | 8.21 | ±9.6 |
| 10528 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10529 | AAC | IEEE 802.11ac WiFI (20 MHz, MCS4, 99pc duty cycle) | | | ±9.6 |
| 10531 | AAC | IEEE 802.11ac WIFI (20 MHz, MCS6, 99pc duty cycle) | WLAN WLAN | 8.43 | ±9.6 |
| 10532 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10533 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) | WLAN | 8.45 | ±9.6 ±9.6 |
| 10534 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) | WLAN | 8.45 | ±9.6 |
| 10535 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) | WLAN | 8.45 | |
| 10536 | AAC | IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duty cycle) | WLAN | 8.32 | ±9.6 ±9.6 |
| 10537 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) | WLAN | 8.54 | ±9.6 |
| 10538 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) | WLAN | 8.39 | ±9.6 |
| | 1,000 | יבבב עיבוא ומט זיוו א זייעאוואבן אורטיט, אסףט טענץ טאטולא | TICIN | 0.09 | T 2.0 |

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|----------------|--------------|---|--------------|----------|---------------|
| UID 10541 | Rev | Communication System Name | Group | PAR (dB) | $Unc^E k = 2$ |
| 10541 | AAC AAC | IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle) | WLAN | 8.46 | ±9.6 |
| 10542 | AAC | IEEE 802.11ac WiFI (40 MHz, MCS8, 99pc duty cycle) | WLAN | 8.65 | ±9.6 |
| 10543 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle) | WLAN | 8.65 | ±9.6 |
| 10545 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle) | WLAN WLAN | 8.47 | ±9.6 |
| 10545 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle) | WLAN | 8.35 | ±9.6 ±9.6 |
| 10547 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle) | WLAN | 8.49 | ±9.6 |
| 10548 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle) | WLAN | 8.37 | ±9.6 |
| 10550 | AAC | IEEE 802.11ac WiFI (80 MHz, MCS6, 99pc duty cycle) | WLAN | 8.38 | ±9.6 |
| 10551 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle) | WLAN | 8.50 | ±9.6 |
| 10552 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle) | WLAN | 8.42 | ±9.6 |
| 10553 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle) | WLAN | 8.45 | ±9.6 |
| 10554 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle) | WLAN | 8.48 | ±9.6 |
| 10555 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle) | WLAN | 8.47 | ±9.6 |
| 10556 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle) | WLAN | 8.50 | ±9.6 |
| 10557 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle) | WLAN | 8.52 | ±9.6 |
| 10558 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle) | WLAN | 8.61 | ±9.6 |
| 10560 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle) | WLAN | 8.73 | ±9.6 |
| 10561 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle) | WLAN | 8.56 | ±9.6 |
| 10562 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle) | WLAN | 8.69 | ±9.6 |
| 10563 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle) | WLAN | 8.77 | ±9.6 |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) | WLAN | 8.25 | ±9.6 |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) | WLAN | 8,45 | ±9.6 |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) | WLAN | 8.13 | ±9.6 |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) | WLAN | 8.00 | ±9.6 |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) | WLAN | 8.37 | ±9.6 |
| 10569 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) | WLAN | 8,10 | ±9.6 |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | WLAN | 8.30 | ±9.6 |
| 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 cycle) | WLAN | 8.59 | ±9.6 |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle) | WLAN | 8.60 | ±9.6 |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle) | WLAN | 8.70 | ±9.6 |
| 10578 | AAA | IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle) | WLAN | 8.49 | ±9.6 |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) | WLAN | 8.76 | ±9.6 |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) | WLAN | 8.35 | ±9.6 |
| 10582 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) | WLAN | 8.67 | ±9.6 |
| 10583 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) | WLAN | 8.59 | ±9.6 |
| 10584 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) | WLAN | 8.60 | ±9.6 |
| 10585 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) | WLAN | 8.70 | ±9.6 |
| 10586 | AAC | IEEE 802.11a/h WiFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) | WLAN | 8.49 | ±9.6 |
| 10587 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10588 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) | WLAN | 8.76 | ±9.6 |
| 10589 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) | WLAN | 8.35 | ±9.6 |
| 10590 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) | WLAN | 8.67 | ±9.6 |
| 10591 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle) | WLAN | 8.63 | ±9.6 |
| 10592 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle) | WLAN | 8.79 | ±9.6 |
| 10593 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle) | WLAN | 8.64 | ±9.6 |
| 10594 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle) | WLAN | 8.74 | ±9.6 |
| 10595 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle) | WLAN | 8.74 | ±9.6 |
| 10596 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle) | WLAN | 8,71 | ±9.6 |
| 10597 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle) | WLAN | 8.72 | ±9.6 |
| 10598 | AAC | IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle) | WLAN | 8.50 | ±9.6 |
| 10599 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle) | WLAN | 8.79 | ±9.6 |
| 10600 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle) | WLAN | 8.88 | ±9.6 |
| 10601 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| 10602 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) | WLAN | 8.94 | ±9.6 |
| 10603 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle) | WLAN | 9.03 | ±9.6 |
| 10604 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle) | WLAN | 8.76 | ±9.6 |
| 10605 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) | WLAN | 8.97 | ±9.6 |
| 10606 | AAC | IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| | | | | 1 0 0 4 | |
| 10607 10608 | AAC AAC | IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle) | WLAN WLAN | 8.64 | ±9.6 ±9.6 |

| UID | Rev | Communication System Name | Group | PAR (dB) | Unc ^E $k = 2$ |
|-------------------------|------------|--|----------------------|----------------------|--------------------------|
| 10609 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle) | WLAN | 8.57 | ±9,6 |
| 10610 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle) | WLAN | 8.78 | ±9.6 |
| 10611 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle) | WLAN | 8.70 | ±9.6 |
| 10612 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle) | WLAN | 8,77 | ±9.6 |
| 10613 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle) | WLAN | 8.94 | ±9.6 |
| 10614 | AAC | IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle) | WLAN | 8.59 | ±9.6 |
| 10615 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| 10616 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| 10617 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle) | WLAN | 8.81 | ±9.6 |
| 10618 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle) | WLAN | 8.58 | ±9.6 |
| 10619 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle) | WLAN | 8.86 | ±9.6 |
| 10620 | AAC | IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle) | WLAN | 8.87 | ±9.6 |
| 10621 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle) | WLAN | 8.77 | ±9.6 |
| 10622 | AAC | IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle) | WLAN | 8.68 | ±9.6 |
| 10623 | AAC | IEEE 802.11ac WIFi (40 MHz, MCS7, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| 10624 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle) | WLAN | 8.96 | ±9.6 |
| 10625 | AAC | IEEE 802.11ac WIFI (40 MHz, MCS9, 90pc duty cycle) | WLAN | 8.96 | ±9.6 |
| 10626 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle) | WLAN | 8.83 | ±9.6 |
| 10627 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle) | WLAN | 8.88 | ±9.6 |
| 10628 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle) | WLAN | 8.71 | ±9.6 |
| 10629 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle) | WLAN | 8.85 | ±9.6 |
| 10630 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle) | WLAN | 8.72 | ±9.6 |
| 10631 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle) | WLAN | 8.81 | ±9.6 |
| 10632 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle) | WLAN | 8.74 | ±9.6 |
| 10633 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle) | WLAN | 8.83 | ±9.6 |
| 10634 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle) | WLAN | 8.80 | ±9.6 |
| 10635 | AAC | IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle) | WLAN | 8.81 | ±9.6 |
| 10636 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle) | WLAN | 8.83 | ±9.6 |
| 10637 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle) | WLAN | 8.79 | ±9.6 |
| 10638 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle) | WLAN | 8.86 | ±9.6 |
| 10639 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle) | WLAN | 8.85 | ±9.6 |
| 10640 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle) | WLAN | 8.98 | ±9.6 |
| 10641 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle) | WLAN | 9.06 | ±9.6 |
| 10642 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle) | WLAN | 9.06 | ±9.6 |
| 10643 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle) | WLAN | 8.89 | ±9.6 |
| 10644 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle) | WLAN | 9.05 | ±9.6 |
| 10645 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) | WLAN | 9.11 | ±9.6 |
| 10646 | AAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) | LTE-TDD | 11.96 | ±9.6 |
| 10647 | AAG | 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 | AAF | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.91 | ±9.6 |
| 10653 | | | LTE-TDD | 7,42 | ±9.6 |
| 10654 | AAE | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.96 | ±9.6 |
| 10655 | AAF | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | ±9.6 |
| 10658 | AAB | Pulse Waveform (200Hz, 10%) | Test | 10.00 | ±9.6 |
| 10659 | AAB | Pulse Waveform (200Hz, 20%) | Test | 6.99 | ±9.6 |
| 10660 | AAB | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ±9.6 |
| 10661 | AAB | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ±9.6 |
| 10662 | AAB | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ±9.6 |
| 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2.19 | ±9.6 |
| 10671 | AAC | IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) | WLAN | 9.09 | ±9.6 |
| 10672 | AAC | IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) | WLAN | 8.57 | ±9.6 |
| 10673 | AAC | IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) | WLAN | 8.78 | ±9.6 |
| 10674 | AAC | IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) | WLAN | 8.74 | ±9.6 |
| 10675 | AAC | IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) | WLAN | 8.90 | ±9.6 |
| 10676 | AAC | IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) | WLAN | 8.77 | ±9.6 |
| 10677 | AAC | IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) | WLAN | 8.73 | ±9.6 |
| 10678 | AAC | IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) | WLAN | 8.78 | ±9.6 |
| 10679 | AAC | IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) | WLAN | 8.89 | ±9.6 |
| 10680 | AAC | IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) | WLAN | 8.80 | ±9.6 |
| 1 10000 | AAC | IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) | WLAN | 8.62 | ±9.6 |
| | 1 | IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) | WLAN | 8.83 | ±9.6 |
| 10681 | AAC | | | | |
| 10681 10682 | AAC AAC | | WLAN | 8.42 | +9.6 |
| 10681 10682 10683 | AAC | IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) | WLAN WLAN | 8.42 8.26 | ±9.6 |
| 10681 10682 | | | WLAN WLAN WLAN | 8.42 8.26 8.33 | ±9.6 ±9.6 ±9.6 |

| UID | Rev | Communication System Name | Group | PAR (dB) | Unc ^E $k = 2$ |
|---------|-------------------|--|----------------------|-----------------------------------|--------------------------|
| 10687 | AAC | IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle) | WLAN | 8.45 | ±9.6 |
| 10688 | AAC | IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10689 | AAC | IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle) | WLAN | 8.55 | ±9.6 |
| 10690 | AAC | IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10691 | AAC | IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle) | WLAN | 8.25 | ±9.6 |
| 10692 | AAC | IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10693 | AAC | IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) | WLAN | 8.25 | ±9.6 |
| 10694 | AAC | IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) | WLAN | 8.57 | ±9.6 |
| 10695 | AAC | IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) | WLAN | 8.78 | ±9.6 |
| 10696 | AAC | IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) | WLAN | 8.91 | ±9.6 |
| 10697 | AAC | IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) | WLAN | 8.61 | ±9.6 |
| 10698 | AAC | IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) | WLAN | 8.89 | ±9.6 |
| 10699 | AAC | IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| 10700 | AAC | IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) | WLAN | 8.73 | ±9.6 |
| 10701 | AAC | IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) | WLAN | 8.86 | ±9.6 |
| 10702 | AAC | IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) | WLAN | 8.70 | ±9.6 |
| 10703 | AAC | IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| 10704 | AAC | IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) | WLAN | 8.56 | ±9.6 |
| 10705 | AAC | IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) | WLAN | 8.69 | ±9.6 |
| 10706 | AAC | IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) | WLAN | 8.66 | ±9.6 |
| 10707 | AAC | IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle) | WLAN | 8.32 | ±9.6 |
| 10708 | AAC | IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle) | WLAN | 8.55 | ±9.6 |
| 10709 | AAC | IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle) | WLAN | 8.33 | ±9.6 |
| 10710 | AAC | IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10711 | AAC | IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle) | WLAN | 8.39 | ±9.6 |
| 10712 | AAC | IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle) | WLAN | 8.67 | ±9.6 |
| 10713 | AAC | IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle) | WLAN | 8.33 | ±9.6 |
| 10714 | AAC | IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle) | WLAN | 8.26 | ±9.6 |
| 10715 | AAC | IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle) | WLAN | 8.45 | ±9.6 |
| 10716 | AAC | IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle) | WLAN | 8.30 | ±9.6 |
| 10717 | AAC | IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle) | WLAN | 8,48 | ±9.6 |
| 10718 | AAC | IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle) | WLAN | 8.24 | ±9.6 |
| 10719 | AAC | IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle) | WLAN | 8.81 | ±9.6 |
| 10720 | AAC | IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) | WLAN | 8.87 | ±9.6 |
| 10721 | AAC | IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle) | WLAN | 8.76 | ±9.6 |
| 10722 | AAC | IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle) | WLAN | 8.55 | ±9.6 |
| 10723 | AAC | IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle) | WLAN | 8.70 | ±9.6 |
| 10724 | AAC | IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle) | WLAN | 8.90 | ±9.6 |
| 10725 | AAC | IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle) | WLAN | 8.74 | ±9.6 |
| 10726 | AAC | IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle) | WLAN | 8.72 | ±9.6 |
| 10727 | AAC | IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) | WLAN | 8.66 | ±9.6 |
| 10728 | AAC | IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) | WLAN | 8.65 | ±9.6 |
| 10729 | AAC | IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) | WLAN | 8.64 | ±9.6 |
| 10730 | AAC | IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) | WLAN | 8.67 | ±9.6 |
| 10731 | AAC | IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) | WLAN | 8.42 | ±9.6 |
| 10732 | AAC | IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) | WLAN WLAN | 8.46 | ±9.6 ±9.6 |
| 10733 | AAC | IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) | | 8.40 | |
| 10734 | AAC | IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) | WLAN WLAN | 8.25 | ±9.6 |
| 10735 | AAC | IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) | WLAN | 8.33 | ±9.6 |
| 10736 | AAC | IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) | WLAN | 8.27 | ±9.6 |
| 10737 | AAC | IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) | | 8.36 | ±9.6 |
| 10738 | AAC | IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) | WLAN WLAN | 8.42 | ±9.6 ±9.6 |
| 10739 | AAC | IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) | | · · · · · · · · · · · · · · · · · | |
| 10740 | AAC | IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) | WLAN WLAN | 8.48 | ±9.6 ±9.6 |
| 10741 | AAC | IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) | WLAN | 8.40 | ±9.6 |
| 10742 | AAC AAC | IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) | WLAN | 8.43 | ±9.6 |
| } | AAC | IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) | WLAN | 9.16 | ±9.6 |
| 10744 | | | WLAN | 8.93 | ±9.6 ±9.6 |
| 10745 | AAC | IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle) | WLAN | 9.11 | ±9.6 |
| 10746 | | IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) | WLAN | 9.04 | ±9.6 |
| 10747 | AAC | IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle) | WLAN | 9.04 | |
| 1 10740 | AAC | IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) | 1 | 8.93 | ±9.6 ±9.6 |
| 10748 | 1 1 1 1 | | | | |
| 10749 | AAC | IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) | WLAN | | |
| | AAC AAC AAC | IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) | WLAN WLAN WLAN | 8.90 | ±9.6 |

| UID | Rev | Communication System Name | Group | PAR (dB) | $Unc^{E} k = 2$ |
|----------------|------------|--|--------------------------------|----------|-----------------|
| 10753 | AAC | IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle) | WLAN | 9.00 | ±9.6 |
| 10754 | AAC | IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle) | WLAN | 8.94 | ±9.6 |
| 10755 | AAC | IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle) | WLAN | 8.64 | ±9.6 |
| 10756 | AAC | IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle) | WLAN | 8.77 | ±9.6 |
| 10757 | AAC | IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle) | WLAN | 8.77 | ±9.6 |
| 10758 | AAC | IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) | WLAN | 8.69 | ±9.6 |
| 10759 | AAC | IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle) | WLAN | 8.58 | ±9.6 |
| 10760 | AAC | IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) | WLAN | 8.49 | ±9.6 |
| 10761 | AAC | IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) | WLAN | 8.58 | ±9.6 |
| 10762 | AAC | IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) | WLAN | 8.49 | ±9.6 |
| 10763 | AAC | IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) | WLAN | 8.53 | ±9.6 |
| 10764 | AAC | IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) | WLAN | 8.54 | ±9.6 |
| 10765 | AAC | IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) | WLAN | 8.54 | ±9.6 |
| 10766 | AAC | IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) | WLAN | 8.51 | ±9.6 |
| 10767 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 7.99 | ±9.6 |
| 10768 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ±9.6 |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ±9.6 |
| 10770 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ±9.6 |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ±9.6 |
| 10772 10773 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.23 | ±9.6 |
| 10773 | AAD AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz) 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD 5G NR FR1 TDD | 8.03 | ±9.6 ±9.6 |
| 10774 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MR, 0PSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ±9.6 |
| 10776 | AAD | 5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 15kHz) | 5G NR FR1 TDD | 8.30 | ±9.6 |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ±9.6 |
| 10778 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.42 | ±9.6 |
| 10780 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ±9.6 |
| 10781 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ±9.6 |
| 10782 | AAD | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.43 | ±9.6 |
| 10783 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ±9.6 |
| 10784 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.29 | ±9.6 |
| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.40 | ±9.6 |
| 10786 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.35 | ±9.6 |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.44 | ±9.6 |
| 10788 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ±9.6 |
| 10789 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.37 | ±9.6 |
| 10790 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ±9.6 |
| 10791 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.83 | ±9.6 |
| 10792 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.92 | ±9.6 |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.95 | ±9.6 |
| 10794 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7,82 | ±9.6 |
| 10795 | AAD AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD 5G NR FR1 TDD | 7.84 | ±9.6 |
| 10796 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 8.01 | ±9.6 |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ±9.6 |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 7.93 | ±9.6 |
| 10801 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ±9.6 |
| 10802 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.87 | ±9.6 |
| 10803 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ±9.6 |
| 10805 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.37 | ±9.6 |
| 10809 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10810 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10812 | AAD | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ±9.6 |
| 10817 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ±9.6 |
| 10818 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.33 | ±9.6 |
| 10820 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.30 | ±9.6 |
| 10821 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 |
| 10822 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 |
| 10823 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.36 | ±9.6 |
| 10824 10825 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD 5G NR FR1 TDD | 8.39 | ±9.6 ±9.6 |
| 10825 | AAD AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 |
| 10827 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 8.43 | ±9.6 |
| 10020 | 1 nnu | | | | 1 10.0 |

| UID | Rev | Communication System Name | Group | PAR (dB) | $Unc^{E} k = 2$ |
|-------------------------|-------------------|--|--------------------------------|----------|-----------------|
| 10829 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.40 | ±9.6 |
| 10830 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.63 | ±9.6 |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.73 | ±9.6 |
| 10832 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.74 | ±9.6 |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ±9.6 |
| 10834 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.75 | ±9.6 |
| 10835 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ±9.6 |
| 10836 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.66 | ±9.6 |
| 10837 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.68 | ±9.6 |
| 10839 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ±9.6 |
| 10840 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.67 | ±9.6 |
| 10841 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.71 | ±9.6 |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.49 | ±9.6 |
| 10844 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10846 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 |
| 10854 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ±9.6 |
| 10856 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ±9.6 |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.35 | ±9.6 |
| 10858 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ±9.6 |
| 10859 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10860 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 |
| 10861 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.40 | ±9.6 |
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 |
| 10864 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ±9.6 |
| 10865 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 |
| 10866 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10868 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.89 | ±9.6 |
| 10869 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ±9.6 |
| 10870 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | ±9.6 |
| 10871 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 5.75 | ±9.6 |
| 10872 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ±9.6 |
| 10873 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ±9.6 |
| 10874 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ±9.6 |
| 10875 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ±9.6 |
| 10876 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.39 | ±9.6 |
| 10877 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ±9.6 |
| 10878 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ±9.6 |
| 10879 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.12 | ±9.6 |
| 10880 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.38 | ±9.6 |
| 10881 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ±9.6 |
| 10882 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.96 | ±9.6 |
| 10883 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.57 | ±9.6 |
| 10884 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.53 | ±9.6 |
| 10885 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ±9.6 |
| 10886 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ±9.6 |
| 10887 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ±9.6 |
| 10888 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | ±9.6 |
| 10889 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.02 | ±9.6 |
| 10890 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.40 | ±9.6 |
| 10891 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.13 | ±9.6 |
| 10892 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8,41 | ±9.6 |
| 10897 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.66 | ±9.6 |
| 10898 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ±9.6 |
| 10899 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ±9.6 |
| 10900 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10901 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10902 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10903 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10904 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10905 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10906 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 10907 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.78 | ±9.6 |
| | | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ±9.6 |
| 10908 | AAB | | | . | |
| 10908 10909 10910 | AAB AAB AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD 5G NR FR1 TDD | 5.96 | ±9.6 ±9.6 |

| UID | Rev | Communication System Name | C | | ItmaE tr = 0 |
|----------------|------------|--|--------------------------------|------------------|---|
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) | Group 5G NR FR1 TDD | PAR (dB) 5.93 | $\frac{\text{Unc}^{\text{E}} k = 2}{\pm 9.6}$ |
| 10912 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±9.6 |
| 10913 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±9.6 |
| 10914 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.85 | ±9.6 |
| 10915 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ±9.6 |
| 10916 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ±9.6 |
| 10917 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ±9.6 |
| 10918 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ±9.6 |
| 10919 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ±9.6 |
| 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ±9.6 |
| 10921 | AAB AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD 5G NR FR1 TDD | 5.84 5.82 | ±9.6 |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±9.6 ±9.6 |
| 10924 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±9.6 |
| 10925 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.95 | ±9.6 |
| 10926 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±9.6 |
| 10927 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ±9.6 |
| 10928 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ±9.6 |
| 10929 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ±9.6 |
| 10930 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ±9.6 |
| 10931 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ±9.6 |
| 10932 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ±9.6 |
| 10933 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ±9.6 |
| 10934 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ±9.6 |
| 10935 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ±9.6 |
| 10936 10937 | AAC AAC | 5G NR (DFI-S-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD 5G NR FR1 FDD | 5.90 5.77 | ±9.6 ±9.6 |
| 10938 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ±9.6 |
| 10939 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.82 | ±9.6 |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.89 | ±9.6 |
| 10941 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ±9.6 |
| 10942 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ±9,6 |
| 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.95 | ±9.6 |
| 10944 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.81 | ±9.6 |
| 10945 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ±9.6 |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ±9.6 |
| 10947 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ±9.6 |
| 10948 | AAC AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ±9.6 |
| 10949 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD 5G NR FR1 FDD | 5.87 5.94 | ±9.6 ±9.6 |
| 10950 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ±9.6 |
| 10952 | AAA | 5G NR DL. (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.25 | ±9.6 |
| 10953 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.15 | ±9.6 |
| 10954 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.23 | ±9.6 |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.42 | ±9.6 |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.14 | ±9.6 |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.31 | ±9.6 |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.61 | ±9.6 |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.33 | ±9.6 |
| 10960 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.32 | ±9.6 |
| 10961 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.36 | ±9.6 |
| 10962 | AAB AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD 5G NR FR1 TDD | 9.40 9.55 | ±9.6 ±9.6 |
| 10963 | AAB | 5G NR DL (CP-OFDM, 1M 3.1, 20 MHz, 64-QAM, 15 KHz) | 5G NR FR1 TDD | 9.55 | ±9.6 ±9.6 |
| 10964 | AAD | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ±9.6 |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.55 | ±9.6 |
| 10967 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.42 | ±9.6 |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49 | ±9.6 |
| 10972 | AAB | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 11.59 | ±9.6 |
| 10973 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 9.06 | ±9.6 |
| 10974 | AAB | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) | 5G NR FR1 TDD | 10.28 | ±9.6 |
| 10978 | AAA | ULLA BDR | ULLA | 1.16 | ±9.6 |
| 10979 | AAA | ULLA HDR4 | ULLA | 8.58 | ±9.6 |
| 10980 | AAA | ULLA HDR8 | ULLA | 10.32 | ±9.6 |
| 10981 | AAA | ULLA HDRp4 | ULLA | 3.19 | ±9.6 |
| 10982 | AAA | ULLA HDRp8 | ULLA | 3.43 | ±9.6 |

| UID | Rev | Communication System Name | Group | PAR (dB) | $Unc^E k = 2$ |
|-------|-----|---|---------------|----------|---------------|
| 10983 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.31 | ±9.6 |
| 10984 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.42 | ±9.6 |
| 10985 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.54 | ±9.6 |
| 10986 | AAA | 5G NR DL. (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.50 | ±9.6 |
| 10987 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.53 | ±9.6 |
| 10988 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.38 | ±9.6 |
| 10989 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.33 | ±9.6 |
| 10990 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.52 | ±9.6 |
| 11003 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 10.24 | ±9.6 |
| 11004 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 10.73 | ±9.6 |
| 11005 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.70 | ±9.6 |
| 11006 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.55 | ±9.6 |
| 11007 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.46 | ±9.6 |
| 11008 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.51 | ±9.6 |
| 11009 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.76 | ±9.6 |
| 11010 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.95 | ±9.6 |
| 11011 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.96 | ±9.6 |
| 11012 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.68 | ±9.6 |
| 11013 | AAA | IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle) | WLAN | 8.47 | ±9.6 |
| 11014 | AAA | IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle) | WLAN | 8.45 | ±9.6 |
| 11015 | AAA | IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle) | WLAN | 8.44 | ±9.6 |
| 11016 | AAA | IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle) | WLAN | 8.44 | ±9.6 |
| 11017 | AAA | IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle) | WLAN | 8.41 | ±9.6 |
| 11018 | AAA | IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle) | WLAN | 8.40 | ±9.6 |
| 11019 | AAA | IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 11020 | AAA | IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle) | WLAN | 8.27 | ±9.6 |
| 11021 | AAA | IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle) | WLAN | 8.46 | ±9.6 |
| 11022 | AAA | IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 11023 | AAA | IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle) | WLAN | 8.09 | ±9.6 |
| 11024 | AAA | IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle) | WLAN | 8.42 | ±9.6 |
| 11025 | AAA | IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle) | WLAN | 8.37 | ±9.6 |
| 11026 | AAA | IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle) | WLAN | 8.39 | ±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.