Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

| Impedance, transformed to feed point | 52.0 Ω - 7.5 jΩ |
|--------------------------------------|-----------------|
| Return Loss | - 22.4 dB |

General Antenna Parameters and Design

| Electrical Delay (one direction) | 1.137 ns |
|----------------------------------|----------|
|----------------------------------|----------|

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 | SPEAG |
|-----------------|-------|

Certificate No: D3700V2-1017_Aug21 Page 4 of 6

DASY5 Validation Report for Head TSL

Date: 19.08.2021

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1017

Communication System: UID 0 - CW; Frequency: 3700 MHz

Medium parameters used: f = 3700 MHz; $\sigma = 3.12 \text{ S/m}$; $\varepsilon_r = 37.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

Probe: EX3DV4 - SN3503; ConvF(7.73, 7.73, 7.73) @ 3700 MHz; Calibrated: 30.12.2020

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn601; Calibrated: 02.11.2020

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=100 mW, d=10mm, f=3700MHz/Zoom Scan,

dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.93 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.46 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 73.5%

Maximum value of SAR (measured) = 13.0 W/kg

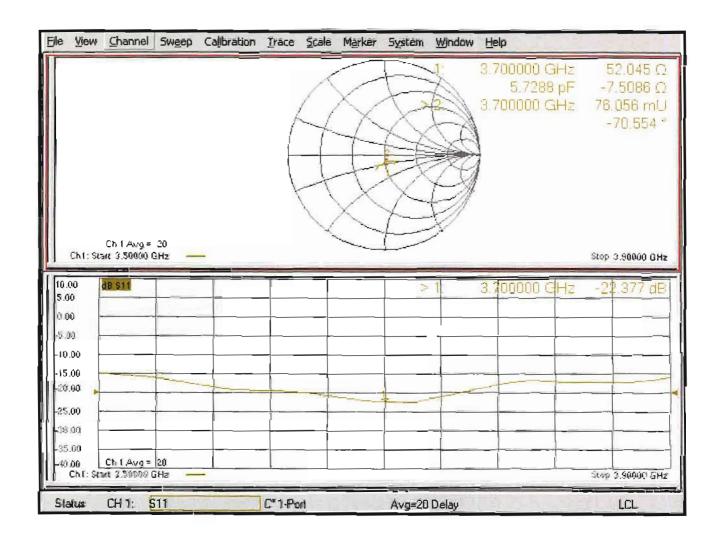


0 dB = 13.0 W/kg = 11.15 dBW/kg

Certificate No: D3700V2-1017_Aug21

Page 5 of 6

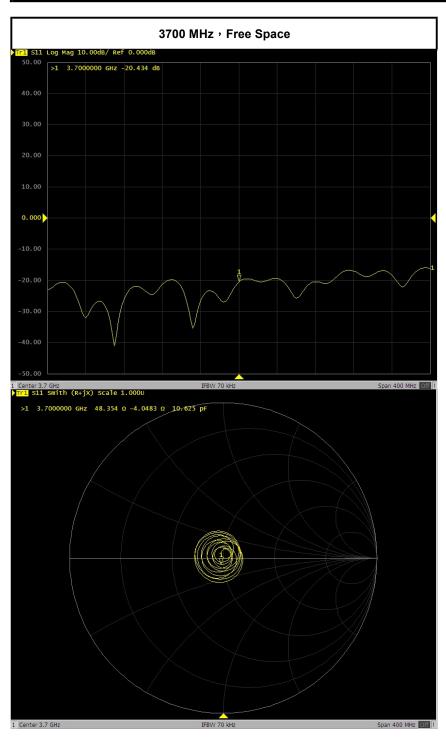
Impedance Measurement Plot for Head TSL





Annual Confirmation of SAR Reference Dipole

| Model: | D37000V2 | | S/N: | 1017 | Measurement | Date : | 2022/8/18 |
|--------------------|------------|------------------------|-------------------------|-----------------|-------------|-----------------------|-----------|
| Frequency (MHz) | Туре | Item | Previous Measurement | Annual Check | Deviation | Accepted Tolerance | Result |
| | | Real Impedance | 52.045 | 48.354 | -3.691 | ±5Ω | PASS |
| 3700 | Free Space | Imaginary Impedance | -7.5086 | -4.0483 | 3.46 | ±5Ω | PASS |
| | | Return Loss | -22.377 | -20.434 | -8.68% | ±20% | PASS |



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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Client

B.V. ADT (Auden)

Certificate No: D5GHzV2-1019 Mar21

CALIBRATION CERTIFICATE

Object D5GHzV2 - SN:1019

Calibration procedure(s) QA CAL-22.v6

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

March 19, 2021

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)

| | i . | | |
|--|--------------------|-----------------------------------|------------------------|
| Primary Standards | ID# | Cal Date (Certificate No.) | Scheduled Calibration |
| Power meter NRP | SN: 104778 | 01-Apr-20 (No. 217-03100/03101) | Apr-21 |
| Power sensor NRP-Z91 | SN: 103244 | 01-Apr-20 (No. 217-03100) | Apr-21 |
| Power sensor NRP-Z91 | SN: 103245 | 01-Apr-20 (No. 217-03101) | Apr-21 |
| Reference 20 dB Attenuator | SN: BH9394 (20k) | 31-Mar-20 (No. 217-03106) | Apr-21 |
| Type-N mismatch combination | SN: 310982 / 06327 | 31-Mar-20 (No. 217-03104) | Apr-21 |
| Reference Probe EX3DV4 | SN: 3503 | 30-Dec-20 (No. EX3-3503_Dec20) | Dec-21 |
| DAE4 | SN: 601 | 02-Nov-20 (No. DAE4-601_Nov20) | Nov-21 |
| | 55 | | |
| 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: MY41092317 | 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-21 |
| | | | |
| | Name | Function | Signature |
| Calibrated by: | Claudio Leubler | Laboratory Technician | |
| | | | (41) |
| | | | 46 |
| Approved by: | Katja Pokovic | Technical Manager | 1101 |
| r. r | | 35 | el de |
| | | | |

Issued: March 19, 2021

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

Certificate No: D5GHzV2-1019_Mar21

Report No.: SFBFLF-WTW-P22110085

Page 1 of 8

Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

TSL

tissue simulating liquid

ConvF N/A sensitivity in TSL / NORM x,y,z not applicable or not measured

not applicable of flot floadarda

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 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 dipole is mounted with the spacer to position its feed
 point exactly below the center marking of the flat phantom section, with the arms oriented
 parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole
 positioned under the liquid filled phantom. The impedance stated is transformed from the
 measurement at the SMA connector to the feed point. The Return Loss ensures low
 reflected power. No uncertainty required.
- Electrical Delay: One-way delay between the SMA connector and the antenna feed point.
 No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna 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%.

Certificate No: D5GHzV2-1019_Mar21 Page 2 of 8

Measurement Conditions

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

| DASY Version | DASY5 | V52.10.4 |
|------------------------------|--|----------------------------------|
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom V5.0 | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Zoom Scan Resolution | dx, dy = 4.0 mm, dz = 1.4 mm | Graded Ratio = 1.4 (Z direction) |
| Frequency | 5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz | |

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 35.9 | 4.71 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 34.7 ± 6 % | 4.51 mho/m ± 6 % |
| Head TSL temperature change during test | < 0.5 °C | 4444) | MARKES. |

SAR result with Head TSL at 5250 MHz

| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
|---|--------------------|--------------------------|
| SAR measured | 100 mW input power | 8.13 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 80.6 W/kg ± 19.9 % (k=2) |

| SAR averaged over 10 cm³ (10 g) of Head TSL | condition | |
|---|--------------------|--------------------------|
| SAR measured | 100 mW input power | 2.32 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 23.0 W/kg ± 19.5 % (k=2) |

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 35.5 | 5.07 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 34.2 ± 6 % | 4.86 mho/m ± 6 % |
| Head TSL temperature change during test | < 0.5 °C | minos: | ×2000 |

SAR result with Head TSL at 5600 MHz

| SAR averaged over 1 cm³ (1 g) of Head TSL | Condition | |
|---|--------------------|--------------------------|
| SAR measured | 100 mW input power | 8.32 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 82.4 W/kg ± 19.9 % (k=2) |

| SAR averaged over 10 cm³ (10 g) of Head TSL | condition | |
|---|--------------------|--------------------------|
| SAR measured | 100 mW input power | 2.36 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 23.3 W/kg ± 19.5 % (k=2) |

Certificate No: D5GHzV2-1019_Mar21

Report No.: SFBFLF-WTW-P22110085

Page 3 of 8

Head TSL parameters at 5750 MHz The following parameters and calculations were applied.

| To following parameters | Temperature | Permittivity | Conductivity |
|---|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 35.4 | 5.22 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 34.0 ± 6 % | 5.01 mho/m ± 6 % |
| Head TSL temperature change during test | < 0.5 °C | MARK! | |

SAR result with Head TSL at 5750 MHz

| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
|---|--------------------|------------------------------|
| SAR measured | 100 mW input power | 8.02 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 79.4 W/kg \pm 19.9 % (k=2) |

| SAR averaged over 10 cm ³ (10 g) of Head TSL | condition | |
|---|--------------------|--------------------------|
| SAR measured | 100 mW input power | 2.27 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 22.4 W/kg ± 19.5 % (k=2) |

Certificate No: D5GHzV2-1019_Mar21

Page 4 of 8

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

| Impedance, transformed to feed point | 54.1 Ω - 6.4 jΩ |
|--------------------------------------|-----------------|
| Return Loss | - 22.7 dB |

Antenna Parameters with Head TSL at 5600 MHz

| Impedance, transformed to feed point | 57.6 Ω - 2.5 jΩ |
|--------------------------------------|-----------------|
| Return Loss | - 22.6 dB |

Antenna Parameters with Head TSL at 5750 MHz

| Impedance, transformed to feed point | 57.9 Ω + 3.1 jΩ | | |
|--------------------------------------|-----------------|--|--|
| Return Loss | - 22.1 dB | | |

General Antenna Parameters and Design

| Electrical Delay (one direction) | 1.203 ns |
|----------------------------------|----------|
| | |

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 | SPEAG |
|-----------------|-------|

Certificate No: D5GHzV2-1019_Mar21

DASY5 Validation Report for Head TSL

Date: 19.03.2021

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1019

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz

Medium parameters used: f = 5250 MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 34.7$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5600 MHz; $\sigma = 4.86$ S/m; $\epsilon_r = 34.2$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5750 MHz; $\sigma = 5.01$ S/m; $\epsilon_r = 34$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.5, 5.5, 5.5) @ 5250 MHz, ConvF(5.1, 5.1, 5.1) @ 5600 MHz, ConvF(5.08, 5.08, 5.08) @ 5750 MHz; Calibrated: 30.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5250 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 79.20 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 27.6 W/kg

SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.32 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.7%

Maximum value of SAR (measured) = 18.1 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 77.00 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 31.0 W/kg

SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.36 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 19.6 W/kg

Report No.: SFBFLF-WTW-P22110085

Certificate No: D5GHzV2-1019_Mar21

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.22 V/m; Power Drift = -0.08 dB

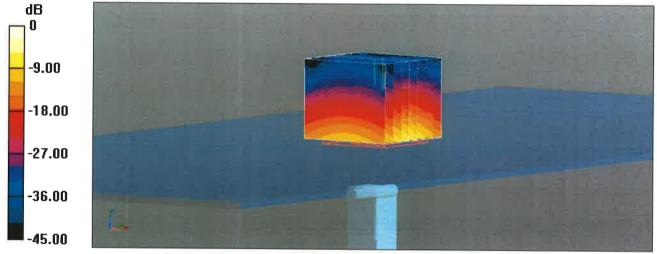
Peak SAR (extrapolated) = 31.6 W/kg

SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.27 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

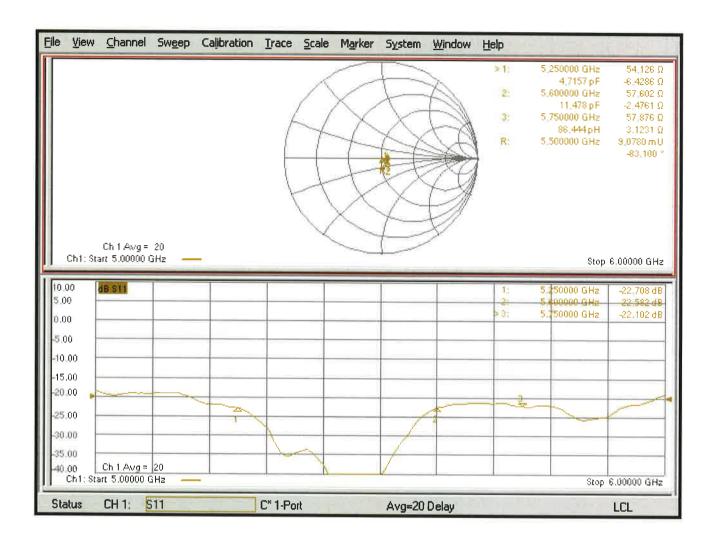
Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.6 W/kg = 12.92 dBW/kg

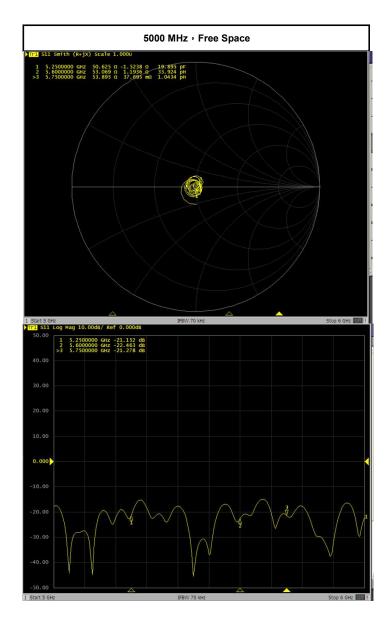
Impedance Measurement Plot for Head TSL





Annual Confirmation of SAR Reference Dipole

| Model: | D5000V2 | | S/N: 1019 | | Measurement Date : | | 2022/3/18 |
|--------------------|-----------------|------------------------|-----------------------------------|-----------------|--------------------|-----------------------|-----------|
| Frequency (MHz) | Туре | Item | Previous Annual Measurement Check | | Deviation | Accepted Tolerance | Result |
| | | Real Impedance | 54.126 | 50.625 | -3.501 | ±5Ω | PASS |
| 5250 | Free Space | Imaginary Impedance | -6.4286 | -1.5238 | 4.905 | ±5Ω | PASS |
| | | Return Loss | -22.708 | -21.152 | -6.85% | ±20% | PASS |
| Frequency (MHz) | Туре | Item | Previous Measurement | Annual Check | Deviation | Accepted Tolerance | Result |
| | | Real Impedance | 57.602 | 53.069 | -4.533 | ±5Ω | PASS |
| 5600 | 5600 Free Space | Imaginary Impedance | -2.4761 | 1.1936 | 3.670 | ±5Ω | PASS |
| | | Return Loss | -22.582 | -22.463 | -0.53% | ±20% | PASS |
| Frequency (MHz) | Туре | Item | Previous Measurement | Annual Check | Deviation | Accepted Tolerance | Result |
| | | Real Impedance | 57.876 | 53.895 | -3.981 | ±5Ω | PASS |
| 5750 | Free Space | Imaginary Impedance | 3.1231 | 0.0377 | -3.085 | ±5Ω | PASS |
| | | Return Loss | -22.102 | -21.278 | -3.73% | ±20% | PASS |



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





S

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

Accredited by the Swiss Accreditation Service (SAS)

Accreditation No.: SCS 0108

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

Multilateral Agreement for the recognition of calibration certificates

Client

B.V. ADT (Auden)

Certificate No: EX3-3971_Jan22

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:3971

Calibration procedure(s)

QA CAL-01.v9, QA CAL-14.v6, QA CAL-23.v5, QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date:

January 25, 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)

| Primary Standards | ID | Cal Date (Certificate No.) | Scheduled Calibration |
|----------------------------|------------------|-----------------------------------|------------------------|
| Power meter NRP | SN: 104778 | 09-Apr-21 (No. 217-03291/03292) | Apr-22 |
| Power sensor NRP-Z91 | SN: 103244 | 09-Apr-21 (No. 217-03291) | Apr-22 |
| Power sensor NRP-Z91 | SN: 103245 | 09-Apr-21 (No. 217-03292) | Apr-22 |
| Reference 20 dB Attenuator | SN: CC2552 (20x) | 09-Apr-21 (No. 217-03343) | Apr-22 |
| DAE4 | SN: 660 | 13-Oct-21 (No. DAE4-660_Oct21) | Oct-22 |
| Reference Probe ES3DV2 | SN: 3013 | 27-Dec-21 (No. ES3-3013_Dec21) | Dec-22 |
| Secondary Standards | ID | Check Date (in house) | Scheduled Check |
| Power meter E4419B | SN: GB41293874 | 06-Apr-16 (in house check Jun-20) | In house check: Jun-22 |
| Power sensor E4412A | SN: MY41498087 | 06-Apr-16 (in house check Jun-20) | In house check: Jun-22 |
| Power sensor E4412A | SN: 000110210 | 06-Apr-16 (in house check Jun-20) | In house check: Jun-22 |
| RF generator HP 8648C | SN: US3642U01700 | 04-Aug-99 (in house check Jun-20) | In house check: Jun-22 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-20) | In house check: Oct-22 |

Name Function Signature

Leif Klysner Laboratory Technician

Approved by: Sven Kühn Deputy Manager

Issued: February 1, 2022

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

Certificate No: EX3-3971_Jan22

Page 1 of 23

Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

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

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

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

Polarization φ

φ rotation around probe axis

Polarization 9

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

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

Certificate No: EX3-3971_Jan22 Page 2 of 23

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3971

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|--|----------|----------|----------|-----------|
| Norm (μV/(V/m) ²) ^A | 0.40 | 0.51 | 0.49 | ± 10.1 % |
| DCP (mV) ^B | 101.3 | 101.7 | 97.7 | |

Calibration Results for Modulation Response

| UID | Communication System Name | | A dB | B dBõV | С | D dB | VR mV | Max dev. | Max Unc ^E (k=2) |
|--------|-----------------------------|---|---------|-----------|-------|---------|----------|-------------|----------------------------------|
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 132.6 | ± 3.8 % | ± 4.7 % |
| | | Y | 0.00 | 0.00 | 1.00 | | 139.6 | | |
| | | Z | 0.00 | 0.00 | 1.00 | | 144.7 | | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 6.47 | 76.37 | 15.24 | 10.00 | 60.0 | ± 4.1 % | ± 9.6 % |
| AAA | | Y | 84.00 | 108.00 | 25.00 | | 60.0 | | |
| | | Z | 20.00 | 92.12 | 20.92 | | 60.0 | | |
| 10353- | Pulse Waveform (200Hz, 20%) | X | 20.00 | 88.61 | 17.68 | 6.99 | 80.0 | ± 2.4 % | ± 9.6 % |
| AAA | , | Υ | 20.00 | 93.20 | 20.53 | 80.0 | 80.0 | | |
| | | Z | 20.00 | 94.01 | 20.91 | | 80.0 | | |
| 10354- | Pulse Waveform (200Hz, 40%) | X | 20.00 | 90.87 | 17.27 | 3.98 | 95.0 | ± 1.3 % | ± 9.6 % |
| AAA | | Υ | 20.00 | 96.62 | 20.67 | | 95.0 | | |
| | | Z | 20.00 | 99.28 | 22.18 |] | 95.0 | | |
| 10355- | Pulse Waveform (200Hz, 60%) | X | 20.00 | 96.70 | 18.63 | 2.22 | 120.0 | ± 1.2 % | ± 9.6 % |
| AAA | | Y | 20.00 | 99.05 | 20.38 | 1 | 120.0 | 1 | |
| | | Z | 20.00 | 106.51 | 24.16 | 1 | 120.0 | 1 | |
| 10387- | QPSK Waveform, 1 MHz | X | 1.96 | 70.97 | 17.28 | 1.00 | 150.0 | ± 2.7 % | ± 9.6 % |
| AAA | | Y | 1.58 | 64.72 | 14.19 |] | 150.0 | 1 | |
| | | Z | 1.73 | 66.54 | 15.35 | | 150.0 | 1 | |
| 10388- | QPSK Waveform, 10 MHz | X | 2.43 | 70.64 | 17.44 | 0.00 | 150.0 | ± 0.8 % | ± 9.6 % |
| AAA | | Y | 2.08 | 66.70 | 14.90 | 1 | 150.0 | 1 | |
| | | Z | 2.33 | 68.74 | 16.11 | 1 | 150.0 | 1 | |
| 10396- | 64-QAM Waveform, 100 kHz | X | 2.78 | 71.56 | 19.69 | 3.01 | 150.0 | ± 0.9 % | ± 9.6 % |
| AAA | | Υ | 3.10 | 71.27 | 19.02 |] | 150.0 | 1 | |
| | | Z | 3.12 | 71.37 | 19.23 | 1 | 150.0 |] | |
| 10399- | 64-QAM Waveform, 40 MHz | X | 3.58 | 67.93 | 16.50 | 0.00 | 150.0 | ± 1.9 % | ± 9.6 % |
| AAA | | Y | 3.41 | 66.49 | 15.35 | | 150.0 | | |
| | | Z | 3.58 | 67.43 | 15.98 | | 150.0 | | |
| 10414- | WLAN CCDF, 64-QAM, 40MHz | X | 4.80 | 66.01 | 15.98 | 0.00 | 150.0 | ± 3.8 % | ± 9.6 % |
| AAA | | Y | 4.82 | 65.29 | 15.28 | | 150.0 | | |
| | | Z | 4.94 | 65.80 | 15.67 |] | 150.0 | | |

Note: For details on UID parameters see Appendix

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

Certificate No: EX3-3971_Jan22

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

B Numerical linearization parameter: uncertainty not required.

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

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3971

Sensor Model Parameters

| | C1 | C2 | α | T1 | T2 | Т3 | T4 | T5 | T6 |
|---|------|--------|-------|--------------------|--------------------|------|-----------------|------|------|
| | fF | fF | V-1 | ms.V ⁻² | ms.V ⁻¹ | ms | V ⁻² | V-1 | |
| X | 35.6 | 271.08 | 37.06 | 8.11 | 0.37 | 5.02 | 1.43 | 0.10 | 1.00 |
| Υ | 50.2 | 375.80 | 35.63 | 11.73 | 0.26 | 5.08 | 1.59 | 0.23 | 1.01 |
| Z | 49.3 | 370.19 | 35.93 | 15.60 | 0.00 | 5.10 | 1.02 | 0.33 | 1.01 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle (°) | -109 |
| 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.

Certificate No: EX3-3971_Jan22

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3971

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 750 | 41.9 | 0.89 | 10.26 | 10.26 | 10.26 | 0.39 | 1.05 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 10.02 | 10.02 | 10.02 | 0.28 | 1.20 | ± 12.0 % |
| 1450 | 40.5 | 1.20 | 8.89 | 8.89 | 8.89 | 0.42 | 0.80 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 8.72 | 8.72 | 8.72 | 0.22 | 0.86 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 8.33 | 8.33 | 8.33 | 0.27 | 0.86 | ± 12.0 % |
| 2000 | 40.0 | 1.40 | 8.15 | 8.15 | 8.15 | 0.31 | 0.86 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 8.13 | 8.13 | 8.13 | 0.27 | 0.90 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 7.98 | 7.98 | 7.98 | 0.14 | 0.90 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 7.73 | 7.73 | 7.73 | 0.12 | 0.90 | ± 12.0 % |
| 3300 | 38.2 | 2.71 | 7.14 | 7.14 | 7.14 | 0.35 | 1.30 | ± 13.1 % |
| 3500 | 37.9 | 2.91 | 6.80 | 6.80 | 6.80 | 0.35 | 1.30 | ± 13.1 % |
| 3700 | 37.7 | 3.12 | 6.68 | 6.68 | 6.68 | 0.40 | 1.35 | ± 13.1 % |
| 3900 | 37.5 | 3.32 | 6.61 | 6.61 | 6.61 | 0.40 | 1.60 | ± 13.1 % |
| 4100 | 37.2 | 3.53 | 6.35 | 6.35 | 6.35 | 0.40 | 1.60 | ± 13.1 % |
| 4200 | 37.1 | 3.63 | 6.34 | 6.34 | 6.34 | 0.40 | 1.70 | ± 13.1 % |
| 4400 | 36.9 | 3.84 | 6.28 | 6.28 | 6.28 | 0.40 | 1.70 | ± 13.1 % |
| 4600 | 36.7 | 4.04 | 6.21 | 6.21 | 6.21 | 0.40 | 1.70 | ± 13.1 % |
| 4800 | 36.4 | 4.25 | 6.16 | 6.16 | 6.16 | 0.40 | 1.70 | ± 13.1 % |
| 4950 | 36.3 | 4.40 | 5.85 | 5.85 | 5.85 | 0.40 | 1.80 | ± 13.1 % |
| 5250 | 35.9 | 4.71 | 5.10 | 5.10 | 5.10 | 0.40 | 1.80 | ± 13.1 % |
| 5600 | _35.5 | 5.07 | 4.80 | 4.80 | 4.80 | 0.40 | 1.80 | ± 13.1 % |
| 5750 | 35.4 | 5.22 | 4.85 | 4.85 | 4.85 | 0.40 | 1.80 | ± 13.1 % |

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

Certificate No: EX3-3971 Jan22 Page 5 of 23

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

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

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3971

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 6500 | 34.5 | 6.07 | 5.45 | 5.45 | 5.45 | 0.20 | 2.50 | ± 18.6 % |

^c Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

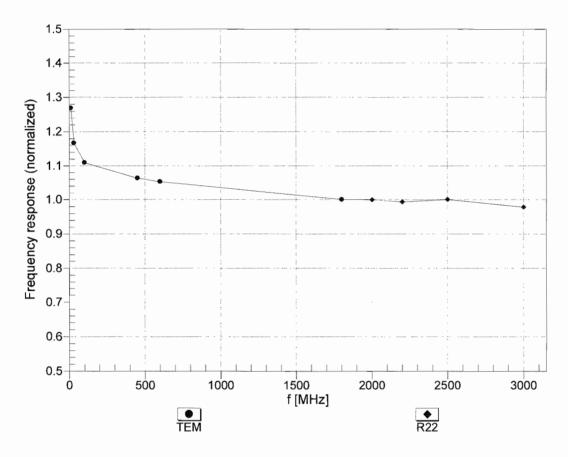
Certificate No: EX3-3971_Jan22 Page 6 of 23

F At frequencies 6-10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured

SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^a Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz; 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)

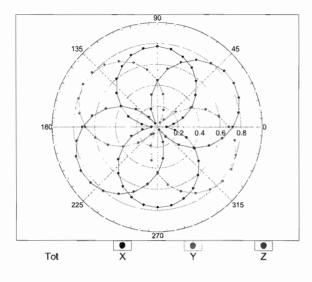


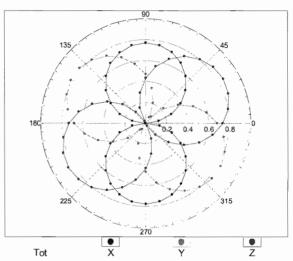
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

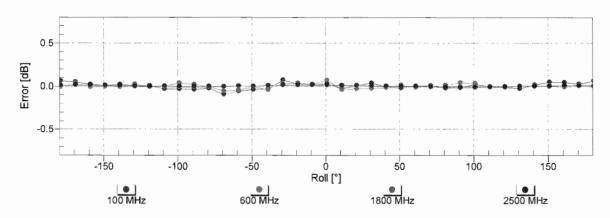
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

f=600 MHz,TEM

f=1800 MHz,R22

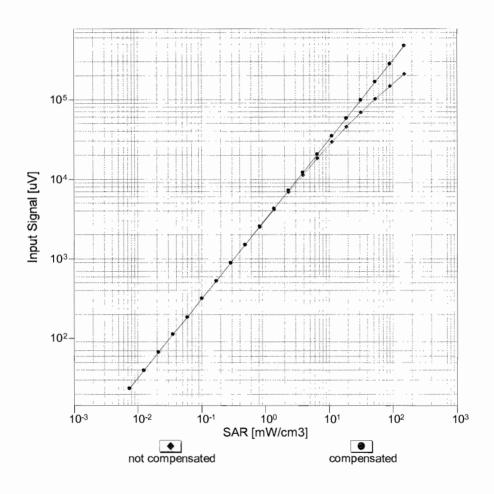


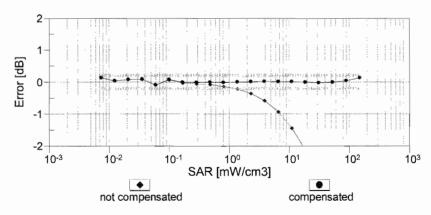




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

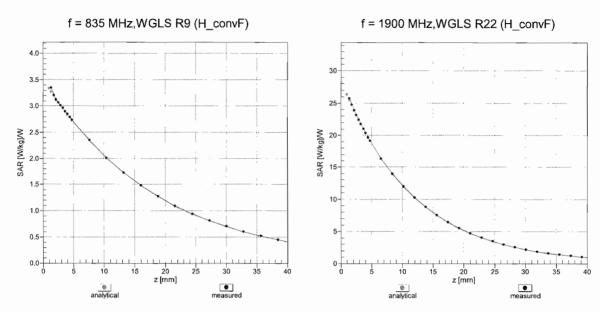
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



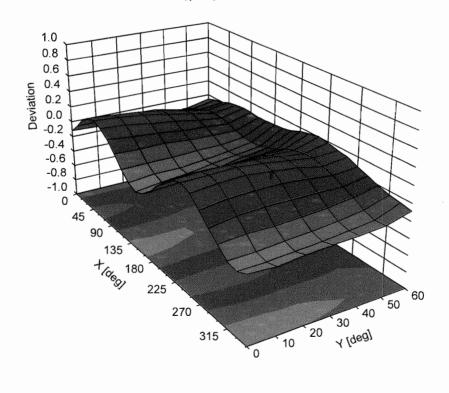


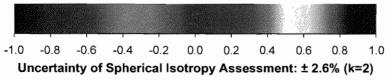
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



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





Certificate No: EX3-3971_Jan22

Page 10 of 23

Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR (dB) | Unc ^E (k=2) |
|-------|-----|--|-----------|-------------|---------------------------|
| 0 | | CW | CW | 0.00 | ± 4.7 % |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 10.00 | ± 9.6 % |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ± 9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ± 9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ± 9.6 % |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9.55 | ± 9.6 % |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ± 9.6 % |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 3.55 | ± 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 % |
| 10037 | 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 % |
| 10042 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ± 9.6 % |
| 10044 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ± 9.6 % |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ± 9.6 % |
| 10049 | 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, 1.3 Mbps) | WLAN | 3.60 | ± 9.6 % |
| 10061 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ± 9.6 % |
| 10062 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ± 9.6 % |
| 10063 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 % |
| 10064 | | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ± 9.6 % |
| | | IEEE 802.11a/h WiFi 5 GHz (OFDM, 16 Mbps) | WLAN | 9.38 | ± 9.6 % |
| 10066 | CAD | | | | ± 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) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | WLAN WLAN | 10.24 | ± 9.6 % |
| 10069 | CAD | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | | 10.56 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 % |
| 10072 | CAB | | WLAN WLAN | 9.02 | ± 9.6 % |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | | | |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ± 9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ± 9.6 % |
| 10097 | CAB | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ± 9.6 % |
| 10098 | CAB | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ± 9.6 % |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 % |

Certificate No: EX3-3971_Jan22 Page 11 of 23

| 10100 CAE LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD 5.6 10101 CAE LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD 6.4 10102 CAE LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 6.6 10103 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD 9.2 10104 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD 9.9 10105 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 10. 10108 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-FDD 5.8 10109 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 10110 CAG LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-FDD 5.7 | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 6 % 6 % |
|---|---|------------|
| 10102 CAE LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD 6.6 10103 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD 9.2 10104 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD 9.9 10105 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 10. 10108 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-FDD 5.8 10109 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 | 60 ± 9.6 29 ± 9.6 97 ± 9.6 .01 ± 9.6 30 ± 9.6 | 6 % |
| 10103 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD 9.2 10104 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD 9.9 10105 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 10. 10108 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-FDD 5.8 10109 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 | 29 ± 9.6 97 ± 9.6 .01 ± 9.6 30 ± 9.6 | |
| 10104 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD 9.9 10105 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 10. 10108 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-FDD 5.8 10109 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 | 97 ± 9.6 0.01 ± 9.6 30 ± 9.6 | 6 % |
| 10105 CAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD 10. 10108 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-FDD 5.8 10109 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 | .01 ± 9.6 80 ± 9.6 | |
| 10108 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-FDD 5.8 10109 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 | 30 ± 9.6 | |
| 10109 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 | | 3 % |
| | 12 +06 | 6 % |
| 10110 CAG LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-FDD 5.7 | +3 ± 3.0 | 6 % |
| | 75 ± 9.6 | 6 % |
| 10111 CAG LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-FDD 6.4 | 44 ± 9.6 | 6 % |
| 10112 CAG LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-FDD 6.5 | 59 ± 9.6 | 6 % |
| 10113 CAG LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-FDD 6.6 | 62 ± 9.6 | 6 % |
| 10114 CAD IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) WLAN 8.1 | 10 ± 9.6 | 6 % |
| 10115 CAD IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) WLAN 8.4 | ± 9.6 | 6 % |
| 10116 CAD IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) WLAN 8.1 | | |
| 10117 CAD IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) WLAN 8.0 | | |
| 10118 CAD IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) WLAN 8.5 | | |
| 10119 CAD IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) WLAN 8.1 | | |
| 10140 CAE LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD 6.4 | | |
| 10141 CAE LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-FDD 6.5 | | |
| 10142 CAE LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-FDD 5.7 | | |
| 10143 CAE LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-FDD 6.3 | | |
| 10144 CAE LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-FDD 6.6 | _ | |
| 10145 CAF LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-FDD 5.7 | _ | |
| 10146 CAF LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-FDD 6.4 | | |
| 10147 CAF LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-FDD 6.7 | | |
| 10149 CAE LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD 6.4 | | |
| 10150 CAE LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD 6.6 | - | |
| 10151 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD 9.2 | _ | |
| 10152 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD 9.9 10153 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD 10.0 | | |
| 10153 CAG LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD 10. 10154 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD 5.7 | | |
| 10155 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD 6.4 | _ +_ | |
| 10156 CAG LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD 5.7 | | |
| 10157 CAG LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD 6.4 | | |
| 10158 CAG LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-FDD 6.6 | | |
| 10159 CAG LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-FDD 6.5 | | |
| 10160 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-FDD 5.8 | | |
| 10161 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-FDD 6.4 | | |
| 10162 CAE LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-FDD 6.5 | | |
| 10166 CAF LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-FDD 5.4 | _ | |
| 10167 CAF LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-FDD 6.2 | | |
| 10168 CAF LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-FDD 6.7 | | |
| 10169 CAE LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-FDD 5.7 | | |
| 10170 CAE LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.5 | | 6 % |
| 10171 AAE LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.4 | 49 ± 9.6 | 6 % |
| 10172 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-TDD 9.2 | 21 ± 9.6 | 6 % |
| 10173 CAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.4 | 48 ± 9.6 | 6 % |
| |).25 ± 9.6 | 6 % |
| 10175 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.7 | | |
| 10176 CAG LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.5 | | 6 % |
| | 73 ± 9.6 | |
| 10178 CAG LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.5 | | |
| | 50 ± 9.6 | |
| | 50 ± 9.6 | |
| 10181 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.7 | 73 ± 9.6 | 6 % |

| 10182 CAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 10183 AAD LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD | 6.50 ± 9.6 % 5.73 ± 9.6 % 6.51 ± 9.6 % 6.50 ± 9.6 % 5.73 ± 9.6 % |
|---|--|
| 10184 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD | 5.73 ± 9.6 % 6.51 ± 9.6 % 6.50 ± 9.6 % 5.73 ± 9.6 % |
| 10185 CAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD | 6.51 ± 9.6 % 6.50 ± 9.6 % 5.73 ± 9.6 % |
| 10186 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD | 6.50 ± 9.6 % 5.73 ± 9.6 % |
| 10187 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD | 5.73 ± 9.6 % |
| 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD | |
| 10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD | 6.52 ± 9.6 % |
| | |
| 10103 CAD JEEE 803 11p (HT Groopfield & 5 Mbps BDCV) | $6.50 \pm 9.6 \%$ |
| 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN | 8.09 ± 9.6 % |
| 10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN | 8.12 ± 9.6 % |
| 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN | 8.21 ± 9.6 % |
| 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN | 8.10 ± 9.6 % |
| 10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN | 8.13 ± 9.6 % |
| 10198 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 % |
| 10225 CAB UMTS-FDD (HSPA+) WCDMA | |
| 10226 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD | |
| 10227 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD | |
| 10228 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD | |
| 10229 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD | |
| 10230 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD | |
| 10231 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-TDD | |
| 10232 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD | |
| 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD | |
| 10234 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-TDD | |
| 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD | |
| 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD | |
| 10237 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-TDD | |
| 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD | |
| 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD | |
| 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD | |
| | |
| | |
| 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD | |
| | |
| | |
| | |
| 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD | |
| | |
| | |
| | |
| 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD (10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10 | |
| | |
| 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD | |
| 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD | |
| 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD | |
| 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD | _ |
| 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD | |
| 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD | |
| 10258 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD | |
| 10259 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD | |
| 10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD | 9.97 ± 9.6 % |

Certificate No: EX3-3971_Jan22

| 10261 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
|-------|------|---|----------|-------|---------|
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ± 9.6 % |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ± 9.6 % |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | ± 9.6 % |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10273 | CAA | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10277 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | PHS | 12.18 | ± 9.6 % |
| | | CDMA2000, RC1, SO55, Full Rate | | | ± 9.6 % |
| 10290 | AAB | | CDMA2000 | 3.91 | |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ± 9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ± 9.6 % |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | ± 9.6 % |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 12.49 | ± 9.6 % |
| 10297 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 % |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ± 9.6 % |
| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL) | WiMAX | 12.57 | ± 9.6 % |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 15.24 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 14.67 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC) | WiMAX | 14.49 | ± 9.6 % |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3) | WiMAX | 14.58 | ± 9.6 % |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3 | WiMAX | 14.57 | ± 9.6 % |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ± 9.6 % |
| 10313 | AAA | iDEN 1:3 | iDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | iDEN 1:6 | iDEN | 13.48 | ± 9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAD | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10400 | AAE | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10401 | AAE | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAE | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10402 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10404 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10410 | //// | 2.2 .25 (55 / 5 // 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, | | | |

| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
|-------|-----|--|----------|-------|---------|
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) | WLAN | 8.14 | ± 9.6 % |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) | WLAN | 8.19 | ± 9.6 % |
| 10422 | AAC | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10423 | AAC | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ± 9.6 % |
| 10424 | AAC | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ± 9.6 % |
| 10425 | AAC | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ± 9.6 % |
| 10426 | AAC | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ± 9.6 % |
| 10427 | AAC | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8.41 | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FDD | 8.38 | ± 9.6 % |
| 10432 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10434 | AAA | W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 % |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |
| 10448 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) | LTE-FDD | 7.53 | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) | LTE-FDD | 7.51 | ± 9.6 % |
| 10450 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.48 | ± 9.6 % |
| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ± 9.6 % |
| 10453 | AAD | Validation (Square, 10ms, 1ms) | Test | 10.00 | ± 9.6 % |
| 10456 | AAC | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.30 | ± 9.6 % |
| 10463 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10464 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10465 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10467 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10469 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10470 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10471 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10472 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10479 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10480 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.18 | ± 9.6 % |
| 10481 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10482 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.71 | ± 9.6 % |
| 10483 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) | LTE-TDD | 8.39 | ± 9.6 % |
| 10484 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.47 | ± 9.6 % |
| 10485 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.59 | ± 9.6 % |
| 10486 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.38 | ± 9.6 % |
| 10487 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.60 | ± 9.6 % |
| 10488 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.70 | ± 9.6 % |
| 10400 | | | 1 | | |

| 10489 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
|--------|-----------|---|---------|------|---------|
| 10490 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10491_ | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10492 | AAE_ | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.41 | ± 9.6 % |
| 10493 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.52 | ± 9.6 % |
| 10503 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10520 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc) | WLAN | 8.12 | ± 9.6 % |
| 10521 | AAC | IEEE 802.11a/n WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc) | WLAN | 7.97 | ± 9.6 % |
| 10522 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10523 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc) | WLAN | 8.08 | ± 9.6 % |
| 10524 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10525 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10526 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc) | WLAN | 8.21 | ± 9.6 % |
| 10528 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10529 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10531 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10532 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10533 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc) | WLAN | 8.38 | ± 9.6 % |
| 10534 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10535 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10537 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc) | WLAN | 8.44 | ± 9.6 % |
| 10538 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10540 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10542 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10544 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10545 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10546 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10040 | , , , , , | 302.7 (80 7 / (80/11) 11802.1 00/10 00/ | | | |

| 10547 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
|-------|------|---|------|------|---------|
| 10548 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10551 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc) | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10588 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10590 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAC_ | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc) | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| | | | | | |

| 40005 | 110 | IEEE 000 44 - (UT Nove I 40MU - MOCO 00 - 4-) | 14/1 441 | | |
|-------|-----|---|-----------|-------|---------|
| 10605 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc) | WLAN | 8.97 | ± 9.6 % |
| 10606 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10607 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10608 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10609 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10610 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10611 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10612 | AAC | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10613 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10614 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10615 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10616 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10617 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10618 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10619 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10620 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10621 | AAC | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10622 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc) | WLAN | 8.68 | ± 9.6 % |
| 10623 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10624 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10625 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10626 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10627 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10628 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10629 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10630 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10631 | AAC | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10632 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10633 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10634 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10635 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10636 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10637 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10638 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10639 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10640 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) | WLAN | 8.98 | ± 9.6 % |
| 10641 | AAD | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10642 | | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10643 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10644 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) | WLAN | 9.05 | ± 9.6 % |
| 10645 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10646 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10648 | AAA | CDMA2000 (1x Advanced) | CDMA2000 | 3.45 | ± 9.6 % |
| 10652 | AAE | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.91 | ± 9.6 % |
| 10653 | AAE | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.42 | ± 9.6 % |
| 10654 | AAD | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.96 | ± 9.6 % |
| 10655 | AAE | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | ± 9.6 % |
| 10658 | AAA | Pulse Waveform (200Hz, 10%) | Test | 10.00 | ± 9.6 % |
| 10659 | AAA | Pulse Waveform (200Hz, 20%) | Test | 6.99 | ± 9.6 % |
| 10660 | AAA | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ± 9.6 % |
| 10661 | AAA | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ± 9.6 % |
| 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2.19 | ± 9.6 % |
| 10671 | AAC | IEEE 802.11ax (20MHz, MCS0, 90pc dc) | WLAN | 9.09 | ± 9.6 % |
| 10672 | AAC | IEEE 802.11ax (20MHz, MCS1, 90pc dc) | WLAN | 8.57 | ± 9.6 % |
| | | | | | |

| 10673 | AAC | IEEE 802.11ax (20MHz, MCS2, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
|-------|-----|---------------------------------------|------|------|---------|
| 10674 | AAC | IEEE 802.11ax (20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAC | IEEE 802.11ax (20MHz, MCS4, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAC | IEEE 802.11ax (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAC | IEEE 802.11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAC | IEEE 802.11ax (20MHz, MCS7, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAC | IEEE 802.11ax (20MHz, MCS8, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAC | IEEE 802.11ax (20MHz, MCS9, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAC | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 % |
| 10682 | AAC | IEEE 802.11ax (20MHz, MCS11, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10683 | AAC | IEEE 802.11ax (20MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10684 | AAC | IEEE 802.11ax (20MHz, MCS1, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10685 | AAC | IEEE 802.11ax (20MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10686 | AAC | IEEE 802.11ax (20MHz, MCS3, 99pc dc) | WLAN | 8.28 | ± 9.6 % |
| 10687 | AAC | IEEE 802.11ax (20MHz, MCS4, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAC | IEEE 802.11ax (20MHz, MCS5, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAC | IEEE 802.11ax (20MHz, MCS6, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10690 | AAC | IEEE 802.11ax (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAC | IEEE 802.11ax (20MHz, MCS8, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAC | IEEE 802.11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAC | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAC | IEEE 802.11ax (40MHz, MCS0, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10696 | AAC | IEEE 802.11ax (40MHz, MCS1, 90pc dc) | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAC | IEEE 802.11ax (40MHz, MCS2, 90pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAC | IEEE 802.11ax (40MHz, MCS3, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAC | IEEE 802.11ax (40MHz, MCS4, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAC | IEEE 802.11ax (40MHz, MCS5, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10701 | AAC | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAC | IEEE 802.11ax (40MHz, MCS7, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAC | IEEE 802.11ax (40MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10704 | AAC | IEEE 802.11ax (40MHz, MCS9, 90pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAC | IEEE 802.11ax (40MHz, MCS10, 90pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10707 | AAC | IEEE 802.11ax (40MHz, MCS0, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10708 | AAC | IEEE 802.11ax (40MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10709 | AAC | IEEE 802.11ax (40MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10710 | _ | IEEE 802.11ax (40MHz, MCS3, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10711 | AAC | IEEE 802.11ax (40MHz, MCS4, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10712 | AAC | IEEE 802.11ax (40MHz, MCS5, 99pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10713 | AAC | IEEE 802.11ax (40MHz, MCS6, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10714 | AAC | IEEE 802.11ax (40MHz, MCS7, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10715 | AAC | IEEE 802.11ax (40MHz, MCS8, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10716 | AAC | IEEE 802.11ax (40MHz, MCS9, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10717 | AAC | IEEE 802.11ax (40MHz, MCS10, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10718 | AAC | IEEE 802.11ax (40MHz, MCS11, 99pc dc) | WLAN | 8.24 | ± 9.6 % |
| 10719 | AAC | IEEE 802.11ax (80MHz, MCS0, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10720 | | IEEE 802.11ax (80MHz, MCS1, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10721 | AAC | IEEE 802.11ax (80MHz, MCS2, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10722 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10723 | AAC | IEEE 802.11ax (80MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10724 | AAC | IEEE 802.11ax (80MHz, MCS5, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10726 | AAC | IEEE 802.11ax (80MHz, MCS7, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10727 | AAC | IEEE 802.11ax (80MHz, MCS8, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10728 | AAC | IEEE 802.11ax (80MHz, MCS9, 90pc dc) | WLAN | 8.65 | ± 9.6 % |
| | | | | | |

| 10729 | AAC | IEEE 802.11ax (80MHz, MCS10, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
|-------|-----|--|-----------------------|--------------|--------------------|
| 10730 | AAC | IEEE 802.11ax (80MHz, MCS11, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10731 | AAC | IEEE 802.11ax (80MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10732 | AAC | IEEE 802.11ax (80MHz, MCS1, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10733 | AAC | IEEE 802.11ax (80MHz, MCS2, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10734 | AAC | IEEE 802.11ax (80MHz, MCS3, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10735 | AAC | IEEE 802.11ax (80MHz, MCS4, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10736 | AAC | IEEE 802.11ax (80MHz, MCS5, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10737 | AAC | IEEE 802.11ax (80MHz, MCS6, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10738 | AAC | IEEE 802.11ax (80MHz, MCS7, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10739 | AAC | IEEE 802.11ax (80MHz, MCS8, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10740 | AAC | IEEE 802.11ax (80MHz, MCS9, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10741 | AAC | IEEE 802.11ax (80MHz, MCS10, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10742 | AAC | IEEE 802.11ax (80MHz, MCS11, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10743 | AAC | IEEE 802.11ax (160MHz, MCS0, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10744 | AAC | IEEE 802.11ax (160MHz, MCS1, 90pc dc) | WLAN | 9.16 | ± 9.6 % |
| 10745 | AAC | IEEE 802.11ax (160MHz, MCS2, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10746 | AAC | IEEE 802.11ax (160MHz, MCS3, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10747 | AAC | IEEE 802.11ax (160MHz, MCS4, 90pc dc) | WLAN | 9.04 | ± 9.6 % |
| 10748 | AAC | IEEE 802.11ax (160MHz, MCS5, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10749 | AAC | IEEE 802.11ax (160MHz, MCS6, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10750 | AAC | IEEE 802.11ax (160MHz, MCS7, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10751 | AAC | IEEE 802.11ax (160MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10752 | AAC | IEEE 802.11ax (160MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10753 | AAC | IEEE 802.11ax (160MHz, MCS10, 90pc dc) | WLAN | 9.00 | ± 9.6 % |
| 10754 | AAC | IEEE 802.11ax (160MHz, MCS11, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10755 | AAC | IEEE 802.11ax (160MHz, MCS0, 99pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10756 | AAC | IEEE 802.11ax (160MHz, MCS1, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10757 | AAC | IEEE 802.11ax (160MHz, MCS2, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10758 | AAC | IEEE 802.11ax (160MHz, MCS3, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10759 | AAC | IEEE 802.11ax (160MHz, MCS4, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10760 | AAC | IEEE 802.11ax (160MHz, MCS5, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10761 | AAC | IEEE 802.11ax (160MHz, MCS6, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10762 | AAC | IEEE 802.11ax (160MHz, MCS7, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10763 | AAC | IEEE 802.11ax (160MHz, MCS8, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10764 | AAC | IEEE 802.11ax (160MHz, MCS9, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10765 | AAC | IEEE 802.11ax (160MHz, MCS10, 99pc dc) IEEE 802.11ax (160MHz, MCS11, 99pc dc) | WLAN | 8.54 8.51 | ± 9.6 % ± 9.6 % |
| 10767 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | WLAN 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 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.23 | ± 9.6 % |
| 10773 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.03 | ± 9.6 % |
| 10774 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10775 | AAD | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10776 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, 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, 15 MHz, 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 | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 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 | 7.82 | ± 9.6 % |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | 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 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10825 | AAD | 5G NR (CP-OFDM, 100% RB, 60 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 | 8.42 | ± 9.6 % |
| 10828 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 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 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10870 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | ± 9.6 % |
| 10871 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10872 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ± 9.6 % |
| 10873 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10874 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10875 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10876 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.39 | ± 9.6 % |
| 10877 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ± 9.6 % |
| 10878 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10879 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.12 | ± 9.6 % |
| 10880 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.38 | ± 9.6 % |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10882 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.96 | ± 9.6 % |
| 10883 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.57 | ± 9.6 % |
| 10884 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.53 | ± 9.6 % |
| 10885 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10886 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10887 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | ± 9.6 % |
| 10889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.02 | ± 9.6 % |
| 10890 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.40 | ± 9.6 % |
| 10891 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.13 | ± 9.6 % |
| 10892 | AAD | 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 % |
| 10908 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.96 | ± 9.6 % |
| 10910 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 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 | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.82 | ± 9.6 % |
| 10022 | _ , , , , | | 1 30 1 | J.02 | 3.0 /0 |

| 10923 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 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 FR1 FDD | 5.51 | ± 9.6 % |
| 10936 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10937 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.77 | ± 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 | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10949 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.92 | ± 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 | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.40 | ± 9.6 % |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10964 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ± 9.6 % |
| 10965 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.37 | ± 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 | 2.23 | ± 9.6 % |
| 10979 | AAA | ULLA HDR4 | ULLA | 7.02 | ± 9.6 % |
| 10980 | AAA | ULLA HDR8 | ULLA | 8.82 | ± 9.6 % |
| 10981 | AAA | ULLA HDRp4 | ULLA | 1.50 | ± 9.6 % |
| 10982 | AAA | ULLA HDRp8 | ULLA | 1.44 | ± 9.6 % |
| 10002 | 7001 | OLD THE TOP | 32271 | 1 | |

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

Certificate No: EX3-3971_Jan22

Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Cilent

B.V. ADT (Auden)

Certificate No

EX-7554_Jul22/2

CALIBRATION CERTIFICATE (Replacement of No: EX-7554 Jul 22)

Object

EX3DV4 - SN:7554

Calibration procedure(s)

QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v6, QA CAL-23.v5,

QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date

July 28, 2022

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (S1). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

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

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | 1D | 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 |
| OCP DAK-3.5 (weighted) | SN: 1249 | 20-Oct-21 (OCP-DAK3.5-1249_Oct21) | Oct-22 |
| OCP DAK-12 | SN: 1016 | 20-Oct-21 (OCP-DAK12-1016_Oct21) | Oct-22 |
| Reference 20 dB Attenuator | SN: CC2552 (20x) | 04-Apr-22 (No. 217-03527) | Apr-23 |
| DAE4 | SN: 860 | 13-Oct-21 (No. DAE4-650_Oct21) | Oct-22 |
| Reference Probe ES3DV2 | SN: 3013 | 27-Dec-21 (No. ES3-3013 Dec21) | Dec-22 |

| Secondary Standards | IĎ | 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 Jบก-22) | in house check: Jun-24 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (In house check Oct-20) | in house check: Oct-22 |

Name

Function

Signature

Callbrated by

Lelf Klysner

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: November 11, 2022

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

Certificate No: EX-7554_Jul22/2

Page 1 of 22

Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerlacher Kallbrierdienst
C Service sulsse d'étalonnage

Servizio svizzero di teratura S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Glossary

TSL 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 of the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- a) 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 ∂ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This illnearization 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-fleld (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical Isotropy (3D deviation from Isotropy): In a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- · Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Certificate No: EX-7554 Jul22/2 Page 2 of 22

Parameters of Probe: EX3DV4 - SN:7554

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc $(k=2)$ |
|--------------------|----------|----------|----------|-------------|
| Norm (µV/(V/m)²) A | 0.62 | 0.67 | 0.63 | ±10.1% |
| DCP (mV) B | 101.6 | 100.1 | 99.5 | ±4.7% |

Calibration Results for Modulation Response

| סוט | Communication System Name | | Α | В | C | D | VR | Max | Max |
|-------|-----------------------------|---|-------|-------|-------|-------|-------|---------|------------------|
| | | - | dB. | dΒ√μV | | d₿ | mV | dev. | Unc [€] |
| | | | | | | | | | k = 2 |
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 167.5 | ±2.5% | ±4.7% |
| | | Y | 0.00 | 0.00 | 1.00 | Ì | 169.0 | | |
| | | Z | 0.00 | 0.00 | 1.00 | | 160.7 | | |
| 10352 | Pulse Waveform (200Hz, 10%) | X | 20.00 | 90.08 | 20.26 | 10.00 | 60.0 | ±3.6% | ±9.6% |
| | | Y | 20.00 | 89.84 | 19.86 | 1 | 60.0 | 1 | |
| | | Z | 20.00 | 88.13 | 18.82 | | 60.0 | | |
| 10353 | Pulse Waveform (200Hz, 20%) | X | 20.00 | 90.19 | 19.55 | 6.99 | 80.0 | ±1.9% | ±9.6% |
| | | Y | 20.00 | 89.79 | 18.90 | | 80.0 | | |
| | | Z | 20.00 | 88.12 | 17.91 | \ | 80.0 | Ì | |
| 10354 | Pulse Waveform (200Hz, 40%) | X | 20.00 | 92.62 | 19.64 | 3.98 | 95.0 | ±0.7% | ±9.8% |
| | | Y | 20.00 | 90.48 | 18.01 | | 95.0 | 1 | |
| | | Z | 20.00 | 89.58 | 17.49 | 1 | 95.0 | 1 | |
| 10355 | Pulse Waveform (200Hz, 60%) | X | 20.00 | 96.51 | 20.32 | 2.22 | 120.0 | ±0.8% ± | ±9.6% |
| | | Y | 20.00 | 90.11 | 16.63 | 1 | 120.0 | 1 | |
| | | Z | 20.00 | 91.54 | 17.36 | 1 | 120.0 | 1 | |
| 10387 | QPSK Waveform, 1 MHz | X | 1.73 | 66.41 | 15.28 | 1.00 | 150.0 | ±2.6% | ±9.6% |
| | | Y | 1.51 | 64.08 | 13.55 | 1 | 150.0 | 1 | |
| | | Ž | 1,55 | 64.66 | 13.98 | 1 | 150.0 | 1 | |
| 10388 | QPSK Waveform, 10 MHz | X | 2.33 | 68.63 | 16.03 | 0.00 | 150.0 | ±1.0% | ±9.6% |
| | | Ŷ | 2.00 | 65.91 | 14.30 | 1 | 150.0 | 1 | |
| | | Ž | 2.04 | 66.32 | 14.71 | 1 | 150.0 | 1 | |
| 10396 | 64-QAM Wavelorm, 100 kHz | X | 3.24 | 72.10 | 19.69 | 3.01 | 150.0 | ±0.7% | ±9.6% |
| | | Ŷ | 2.84 | 69.31 | 18.13 | 1 | 150.0 | 1 | |
| | | Z | 2.91 | 70.80 | 19.09 | 1 | 150.0 | 1 | |
| 10399 | 64-QAM Waveform, 40 MHz | X | 3.56 | 67.36 | 15.92 | 0.00 | 150.0 | ±2.1% | ±9.6% |
| | | Y | 3.37 | 66.18 | 15.08 | 1 | 150.0 | 1 | |
| | | Z | 3.38 | 66.32 | 15.26 | 1 | 150.0 | 1 | |
| 10414 | WLAN CCDF, 64-QAM, 40 MHz | X | 4.94 | 65.79 | 15.64 | 0.00 | 150.0 | ±4.2% | ±9.6% |
| | | Y | 4.80 | 65.18 | 15.17 | 1 | 150.0 | 1 | |
| | | Z | 4.77 | 65.22 | 15.23 | 1 | 150.0 | 1 | |

Note: For details on UID parameters see Appendix

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

A The uncertainties of Norm X,Y,2 do not affect the E²-field uncertainty inside TSL (see Pages 5 and 8).

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.

Parameters of Probe: EX3DV4 - SN:7554

Sensor Model Parameters

| | | C1 fF | C2 fF | ν-1 | T1 ms V ⁻² | T2 ms V ⁻¹ | T3 ms | T4 V ⁻² | T5 V ⁻¹ | T6 |
|---|---|----------|----------|-------|--------------------------|--------------------------|----------|-----------------------|-----------------------|------|
| | X | 49.8 | 372.23 | 35.61 | 26.41 | 0.00 | 5.10 | 1.14 | 0.30 | 1.01 |
| Ĭ | у | 48.4 | 366.78 | 36.22 | 19.69 | 0.02 | 5.10 | 0.75 | 0.37 | 1.01 |
| | Z | 44.6 | 334.60 | 35.64 | 19.05 | 0.00 | 5.05 | 1.68 | 0.12 | 1.01 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle | -133.3° |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disabled |
| Probe Overall Length | 337 mm |
| Probe Body Diameter | 10 mm |
| Tlp 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.

Certificate No: EX-7554_Jul22/2 Page 4 of 22

Parameters of Probe: EX3DV4 - SN:7554

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity ^F (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k = 2) |
|----------------------|---------------------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|----------------|
| 13 | 55.0 | 0.75 | 20.23 | 20.23 | 20.23 | 0.00 | 1.00 | ±13.3% |
| 750 | 41.9 | 0.89 | 10.48 | 10.48 | 10.48 | 0.53 | 0.80 | ±12.0% |
| 835 | 41.5 | 0.90 | 10.01 | 10.01 | 10.01 | 0.39 | 1.00 | ±12.0% |
| 1450 | 40.5 | 1.20 | 8.83 | 8.83 | 8.83 | 0.42 | 0.80 | ±12.0% |
| 1640 | 40.2 | 1.31 | 8.68 | 8.68 | 8.68 | 0.37 | 0.86 | ±12.0% |
| 1750 | 40.1 | 1,37 | 8.60 | 8.60 | 8.60 | 0.33 | 0.86 | ±12.0% |
| 1900 | 40.0 | 1.40 | 8.24 | 8.24 | 8.24 | 0.37 | 0.86 | ±12.0% |
| 2000 | 40.0 | 1.40 | 8.20 | 8.20 | 8.20 | 0.34 | 0.86 | ±12.0% |
| 2300 | 39.5 | 1.67 | 7.73 | 7.73 | 7.73 | 0.32 | 0.90 | ±12.0% |
| 2450 | 39.2 | 1.80 | 7.50 | 7.50 | 7.50 | 0.35 | 0.90 | ±12.0% |
| 2600 | 39.0 | 1.96 | 7.23 | 7.23 | 7.23 | 0.45 | 0.90 | ±12.0% |
| 3300 | 38.2 | 2.71 | 6.98 | 6.98 | 6.98 | 0.30 | 1.35 | ±14.0% |
| 3500 | 37.9 | 2.91 | 6.91 | 6.91 | 6.91 | 0.30 | 1.35 | ±14.0% |
| 3700 | 37.7 | 3.12 | 6.73 | 6.73 | 6.73 | 0.30 | 1.35 | ±14.0% |
| 3900 | 37.5 | 3.32 | 6.63 | 6.63 | 6.63 | 0.35 | 1.50 | ±14.0% |
| 4100 | 37.2 | 3.53 | 6.44 | 6.44 | 6.44 | 0.35 | 1.50 | ±14.0% |
| 4200 | 37.1 | 3.63 | 6.41 | 6.41 | 6.41 | 0.35 | 1.60 | ±14.0% |
| 5250 | 35.9 | 4.71 | 5.14 | 5.14 | 5.14 | 0.40 | 1.80 | ±14.0% |
| 5600 | 35.5 | 5.07 | 4.61 | 4.61 | 4.61 | 0.40 | 1.80 | ±14.0% |
| 5800 | 35.3 | 5.27 | 4.79 | 4.79 | 4.79 | 0.40 | 1.80 | ±14.0% |

^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 90, 84, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-6 MHz, and CorwF assessed at 13 MHz is 9-18 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

At frequencies up to 6 GHz, the validity of tissue parameters (e and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR.

Certificate No: EX-7554_Jul22/2 Page 5 of 22

values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 9-6 GHz at any distance larger than half the probe tip diameter from the boundary.

Parameters of Probe: EX3DV4 - SN:7554

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^C | Relative Permittivity ^F | Conductivity ^F (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^Q (mm) | Unc (k = 2) |
|----------------------|---------------------------------------|------------------------------------|---------|--------------|---------|--------------------|----------------------------|----------------|
| 6500 | 34.5 | 6.07 | 5.65 | 5.65 | 5.65 | 0.20 | 2.00 | ±18.6% |
| 8000 | 32.7 | 7.84 | 5.45 | 5.4 5 | 5.45 | 0.35 | 2.00 | ±18.6% |
| 9000 | 31.6 | 9.08 | 5.35 | 5.35 | 5.35 | 0.45 | 2.15 | ±18.6% |

C Frequency validity at 8.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration

Certificate No: EX-7554_Jul22/2 Page 6 of 22

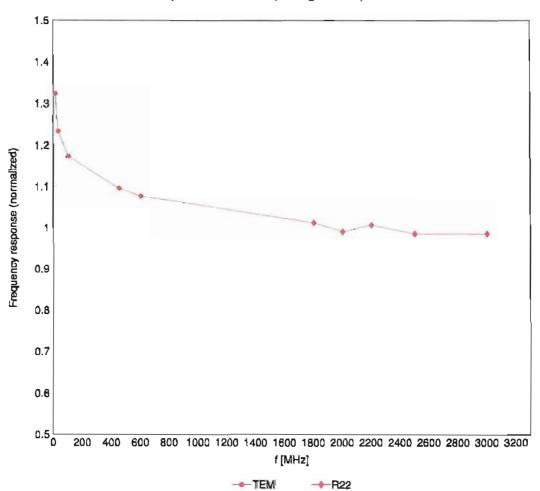
frequency and the uncertainty for the indicated frequency band.

F At frequencies 6–10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to $\pm 10\%$ if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target liesue parameters.

Q Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; 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

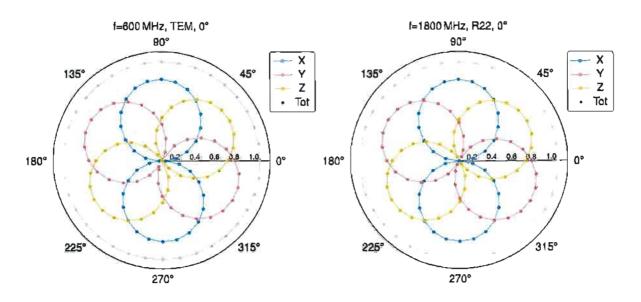
(TEM-Cell:iff110 EXX, Wavegulde:R22)

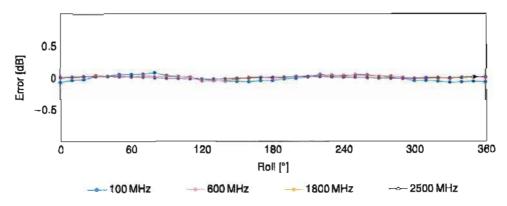


Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

Gertificate No: EX-7554_Jul22/2 Page 7 of 22

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

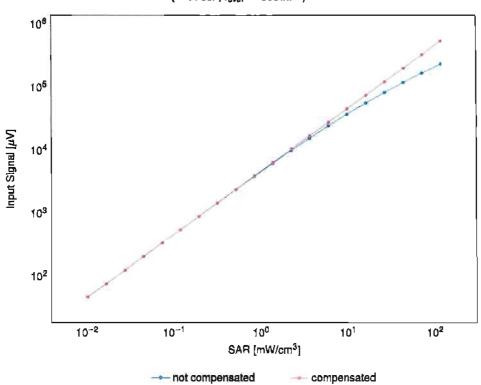


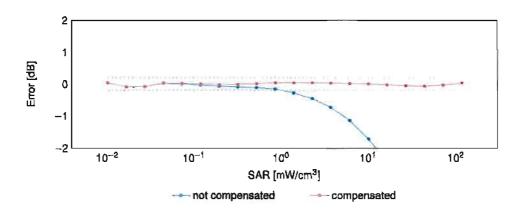


Uncertainty of Axiai Isotropy Assessment: $\pm 0.5\%$ (k=2)

Dynamic Range $f(SAR_{head})$

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



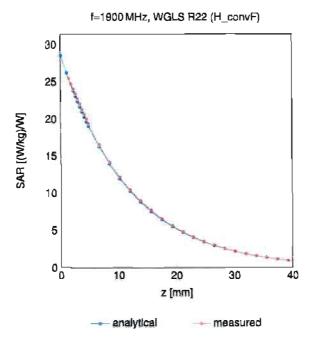


Uncertainty of Linearity Assessment: ±0.6% (k=2)

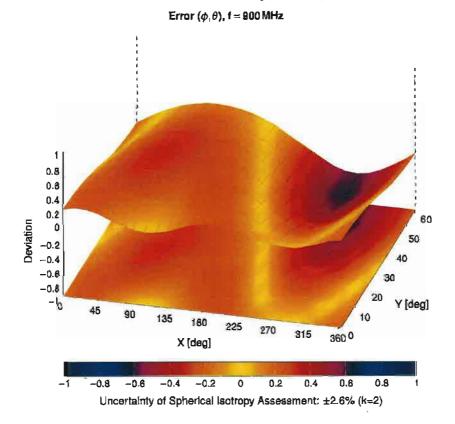
Certificate No: EX-7554_Jul22/2

Page 9 of 22

Conversion Factor Assessment



Deviation from Isotropy in Liquid



Certificate No: EX-7554_Jul22/2

Page 10 of 22

Appendix: Modulation Calibration Parameters

| UID | Rev | Computation Custom Name | Chatte | DAR (JD) | Uno $^{E} k = 2$ |
|--------|-----|---|-----------|----------|------------------|
| 010 | nev | CW Communication System Name | Group | 0.00 | ±4.7 |
| | CAB | | | | |
| 10010 | CAB | SAA Validation (Squere, 100 ms, 10 ms) UMTS-FDD (WCDMA) | WCDMA | 2,91 | ±9.6 |
| 10012 | | , , | | | |
| | CAB | IEEE 802.11b WiF1 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | £9.6 |
| 10013 | CAB | REEE 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 | ±9.8 |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 8.56 | ±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 | 9.65 | ±9.5 |
| 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 | 8.e± |
| 10030 | CAA | JEEE 802.15.1 Bluelooth (GFSK, DH1) | Bluelooth | 5.30 | ±9.8 |
| 10031 | CAA | IEEE 802.15.1 Bluelooth (GFSK, DH3) | Bluetooth | 1.87 | ±9.8 |
| 10032 | CAA | IEEE 802.16.1 Bluetooth (GFSK, DH5) | Bluetooth | 1,18 | ±9.6 |
| 10033 | CAA | IEEE 802.15.1 Bluelooth (PV4-DQPSK, DH1) | Bluetooth | 7,74 | ±9.6 |
| 10034 | CAA | IEEE 802.15,1 Bluetooth (PI/4-DQPSK, DH3) | Sluetooth | 4.53 | ±9.8 |
| 10035 | CAA | IEEE 802.15.1 Bluerooth (PI/4-DQPSK, DH5) | Bluetooth | 3,63 | ±9.8 |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ±9.6 |
| 10037 | CAA | IEEE 802.15.1 Bluelooth (8-DPSK, DH3) | Bluetopih | 4.77 | ±9.8 |
| 1003B | CAA | IEEE 802.15.1 Bluelooth (8-DPSK, DH5) | Bluetooth | 4.10 | ±9.6 |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ±9,6 |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ±9.6 |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ±9.8 |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GF8K, Full Slo), 24) | DECT | 13.80 | ±9.6 |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ±9.6 |
| 10058 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | TD-SCDMA | 11,01 | ±9.8 |
| 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 802.115 WIFI 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.83 | ±9.6 |
| 10061 | CAB | (EEE 802.116 WIFI 2.4 GHz (DSSS, 11 Mbps) | WLAN | 3.60 | ±9.8 |
| 10062 | CAD | 1EEE 802.11a/h WiFI 5 GHz (OFDM, 8 Mbps) | WLAN | 8.68 | ±9.6 |
| 10063 | CAD | IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ±9.6 |
| 10084 | CAD | IEEE 802,11a/h WIFI 5 QHz (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, 38 Mbps) | WLAN | 10.12 | ±9.6 |
| 10068 | CAD | IEEE 802.11a/h WFI 5 QHz (OFDM, 48 Mbps) | WLAN | 10.24 | ±9.6 |
| 10069 | CAD | 1EEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ±9.6 |
| 10071 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ±9.6 |
| 10072 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.82 | ±9.8 |
| 10073 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ±9.6 |
| 10074 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ±9.6 |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 38 Mbps) | WLAN | 10,77 | ±9.6 |
| 10078 | ÇAB | (EEE 802.11g WiFI 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ±9.6 |
| 10077 | CAB | | WLAN | 11.00 | ±9.6 |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ±9.6 |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ±9.6 |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ±9.8 |
| 10097 | ÇAC | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ±9.6 |
| 10098 | CAC | UMTS-FDD (HSUPA, Sublest 2) | WCDMA | 3.98 | ±9.6 |
| 10098 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ±9.6 |
| 10100 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK) | LTE-FDO | 5.67 | 19.6 |
| 10101 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 18-QAM) | LTE-FOD | 8,42 | ±9.6 |
| 10102 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FOD | 8.60 | ±9.6 |
| 10102 | CAH | LTE-TOD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDO | 9.29 | ±9.6 |
| 10 103 | CAH | | LTE-TOD | 9.97 | ±9.6 |
| 10104 | CAH | | LTE-TDD | 10.01 | ±9.8 |
| | CAR | | LTE-FDD | 5.80 | ±9,6 |
| 10108 | _ | | LTE-FOO | 6.43 | ±9.6 |
| 10109 | CAH | · | LTE-FOD | 5.75 | ±9.6 |
| 10110 | CAH | · · · · · · · · · · · · · · · · · · · | ETE-FOD | 8.44 | ±9.6 |
| 10111 | CAH | LTE-FDD (SC-FOMA, 100% RB, 5.MHz, 16-QAM) | CIETION | 1 0.44 | T3.0 |

Certificate No: EX-7554_Jul22/2 Page 11 of 22

| UID | Rev | Communication System Name | Group | PAR (dB) | Uno ^E k = 2 |
|--------|-----|---|---------|----------|------------------------|
| 10112 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 5.59 | ±9.6 |
| 10113 | CAH | LTE-FOD (SC-FOMA, 100% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.62 | £9.6 |
| 10114 | CAD | IEEE 802.11n (HT Greenfield, 13.5 Mops, BPSK) | WLAN | 8.10 | ±9.6 |
| 10115 | CAD | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-OAM) | WLAN | 8.46 | ±9.6 |
| 10116 | CAD | IEEE 802.1 In (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 | ±9.8 |
| 10118 | CAD | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | £9.8 |
| 10119 | CAD | IEEE 802.11n (HT Mixed, 135 Mbps, 84-QAM) | WLAN | 8.13 | ±9.6 |
| 10140 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM) | LTE-FDD | 8,49 | ±9.6 |
| 10141 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM) | LTE-FDD | 8.63 | ±9.6 |
| 10142 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6 |
| 10143 | CAF | LTE-FOD (SC-FDMA, 100% RB, 3MHz, 16-QAM) | LTE-FDD | 6.35 | ±9,8 |
| 10144 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ±9.8 |
| 10145 | CAG | LTE-FOD (SC-FOMA, 100% RB, 1.4 MHz, QPSK) | LTE-FOD | 5.76 | ±9.6 |
| 10146 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FOD | 6.41 | ±9.6 |
| 10147 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FOO | 6.72 | ±9.6 |
| 10149 | CAF | LTE-FOD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ±9.6 |
| 10160 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FOD | 6.60 | ±9.6 |
| 10151 | CAH | LTE-TDO (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TOD | 9.28 | ±9.6 |
| 10152 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-TOD | 9.92 | ±9.8 |
| 10153 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM) | LTE-TD0 | 10.05 | ±9.5 |
| 10154 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-FOD | 5.75 | ±9.6 |
| 10155 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FOO | 8.43 | ±9.6 |
| 10156 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-FDO | 5.79 | ±9.6 |
| 10157 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ±9.8 |
| 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-FOD | 0.56 | ±9.6 |
| 10160 | CAF | LTE-FDD (8C-FDMA, 60% R8, 15 MHz, QPSK) | LTE-FOD | 5,82 | ±9.6 |
| 10161 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 18-QAM) | LTE-FDD | 6.43 | ±9.6 |
| 10162 | CAF | LTE-FDD (8C-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 | 5.48 | ±9.6 |
| 10167 | CAG | LTE-FDD (8C-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDO | 8.21 | ±9.8 |
| 10168 | CAG | LTE-FOD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM) | LTE-FDD | 8.79 | ±9.6 |
| 10159 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FOD | 5.73 | ±9.8 |
| 10170 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FOD | 6.52 | ±9.₿ |
| 10171 | AAF | LTE-FDD (SC-FDMA, 1 ftb, 20 MHz, 64-QAM) | LTE-FOO | 8,49 | ±9.6 |
| 10172 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK) | LTE-TOO | 9,21 | ±9.6 |
| 10173 | CAH | LTE-TOD (SC-FOMA, 1 RB, 20 MHz, 16-QAM) | LTE-TOD | 9.48 | ±9.6 |
| 10174 | CAH | LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TOD | 10.25 | ±9.6 |
| 10175 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FOO | 5.72 | ±9.6 |
| 10176 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FOO | 8.62 | ≐9.6 |
| 10177 | CAJ | LTE-FDD (SC-FDMA, 1 RB, 5MHz, OPSK) | LTE-FDD | 5.73 | ±9.8 |
| 10178 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FDD | 8.52 | ±9.6 |
| 10179 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-FDD | 6.50 | ±9.6 |
| 10180 | CAH | LTE-FDD (SC-FDMA, 1 R8, 5MHz, 84-QAM) | LTE-FDD | 6.50 | ±9.6 |
| 10181 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK) | LTE-FOD | 5.72 | ±9.6 |
| 10182 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM) | LTE-FDD | 6.52 | ±9.6 |
| 10183 | AAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDO | 8.50 | ±9.6 |
| 10184 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK) | LTE-FDO | 5.73 | 19.6 |
| 10185 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM) | LTE-FDD | 6.51 | ±9.6 |
| 10186 | AAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FOD | 6.50 | ±9.6 |
| 10 187 | CAG | 1 1 1 1 1 | LTE-FD0 | 5.73 | ±9.6 |
| 10188 | CAG | , | LTE-FDD | 6.52 | ±9.6 |
| 10189 | AAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FOD | 6.50 | ±9.6 |
| 10193 | CAD | IEEE 802.11n (HT Greenlield, 6.5 Mbps, 8PSK) | WLAN | 8.09 | ±9.6 |
| 10194 | CAD | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ±9.8 |
| 10195 | CAD | IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM) | WLAN | 8.21 | ±9.6 |
| 10198 | CAD | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ±9.6 |
| 10197 | CAD | IEEE 802,11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ±9.6 |
| 10198 | 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 | /ΕΕΕ 802.11π (HT Mixed, 72.2 Mbps, 84-QAM) | WLAN | 8.27 | ±9.8 |
| | CAD | IEEE 802.11n (HT Mixed, 16 Mbps, BPSK) | WLAN | 8.06 | ±9.6 |
| 10222 | _ | | | | |
| | CAD | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.48 | ±9.8 ±9.8 |

Certificate No: EX-7554_Jul22/2 Page 12 of 22

| alu | Rev | Communication System Name | Group | PAR (dB) | Unc ^E k = 2 |
|--------|-----|--|----------|----------|------------------------|
| 10225 | CAC | UMTS-FDD (HSPA+) | WCDMA | 5.97 | |
| 10226 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 18-QAM) | LTE-TDD | 9.49 | ±9.6 ±9.6 |
| 10227 | CAC | LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TOD | 10.26 | ±9.8 |
| 10228 | CAC | LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ±9.8 |
| 10229 | CAE | LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ±9.6 |
| 10230 | CAE | LTE-TDD (SC-FDMA,) R8, 3 MHz, 84-QAM) | LTE-TDD | 10.25 | ±9.6 |
| 10231 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TOD | 9,19 | ±9.6 |
| 10232 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TOD | 9.48 | ±9.6 |
| 10233 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TOD | 10.25 | ±9.6 |
| 10234 | CAH | LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TOD | 9.21 | ±9.6 |
| 10235 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TOD | 9,48 | \$.9£ |
| 10238 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TOD | 10.25 | ±5.6 |
| 10237 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, OPSK) | LTE-TOD | 9.21 | ±9.6 |
| 10238 | CAG | LTE-TOD (SC-FOMA, 1 RB, 15 MHz, 16-QAM) | LTE-TOD | 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, 60% RB, 1.4 MHz, QPSK) | LTE-TOD | 9.48 | ±9.6 |
| 10244 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TOD | 10.06 | ±9.6 |
| 10245 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM) | LTE-TOD | 10.06 | ±9.6 |
| 10248 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TOD | 9.30 | £9.6 |
| 10247 | CAH | LTE-TDD (SC-FDMA, 60% RB, 5 MHz, 18-QAM) | LTE-TOD | 9.91 | ±9.6 |
| 10248 | CAH | LTE-TDD (SC-FOMA, 50% RB, 5 MHz, 64-QAM) | LTE-TOD | 10.09 | ±9.6 |
| 10249 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ±9,8 |
| 10250 | CAH | LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TD0 | 9.81 | ±9.8 |
| 10251 | CAH | LTE-TDD (SC-FOMA, 50% RB, 10 MH2, 64-QAM) | LTE-TOD | 10.17 | ±9.6 |
| 10252 | CAH | LTE-TDD (SC-FDMA, 50% R8, 10 MHz, QPSK) | LTE-TOD | 9.24 | ±9.6 |
| 10253 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TOD | 9.90 | ±9.6 |
| 10254 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM) | LTE-TOD | 10.14 | ±9.6 |
| 10255 | CAG | LTE-TDD (SC-FDMA, 60% RB, 15MHz, QPSK) LTE-TOD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM) | LTE-TOO | 9.20 | ±9.6 |
| 10257 | CAC | LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TOD | 9.96 | ±9.6 ±9.8 |
| 10258 | CAC | LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TOD | 9.34 | ±9.6 |
| 10259 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM) | LTE-TOO | 9.98 | ±9.6 |
| 10280 | CAE | LTE-TDD (SC-FDMA, 100% R8, 3MHz, 64-QAM) | LTE-TDO | 9.97 | ±9.8 |
| 10261 | CAE | LTE-TDD (SC-FDMA, 100% R8, 3 MHz, QPSK) | LTE-TDD | 9.24 | ±9.6 |
| 10282 | CAH | LTE-TOD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TOD | 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, 5MHz, QPSK) | LTE-TDD | 9.23 | ±9.6 |
| 10265 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) | LTE-TOD | 9.92 | ±9.6 |
| 10266 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TOD | 10.07 | ±9.6 |
| 10267 | CAH | LTE-TDD (SC-FDMA, 100% R8, 10 MHz, QPSK) | LTE-TOD | 9.30 | ±9.6 |
| 10288 | CAG | LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TOD | 10.06 | ±9.6 |
| 10 269 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TOD | 10.13 | ±9.6 |
| 10270 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TOD | 9.58 | ±9.8 |
| 10274 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ±9.6 |
| 10275 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Ref8.4) | WCDMA | 3.96 | ±9.6 |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ±9.6 |
| 10278 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.5) | PHS | 11.81 | ±9.6 |
| 10279 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.38) | PHS | 12.16 | ±9.6 |
| 10290 | AAB | CDMA2C00, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ±9,6 |
| 10291 | AAB | CDMA2C00, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ±9.6 |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ±9.8 |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | ±9.6 |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | CDMA2000 | 12,49 | ±9.6 |
| 10297 | AAE | LTE-FDD (SC-FDMA, 50% HB, 20 MHz, QPSK) | LTE-FDD | 5.72 | ±9.6 ±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, 84-QAM) | LTE-FDO | 6.60 | 19.6 |
| 10300 | AAA | IEEE 802,168 WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC) | WIMAX | 12.03 | ±9.8 |
| 10301 | AAA | IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) | WIMAX | 12.57 | ±9.8 |
| 10303 | AAA | IEEE 802.166 WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC) | WIMAX | 12.52 | ±9.6 |
| 10304 | AAA | IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 640AM, PUSC) | WiMAX | 11.86 | ±9.6 |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) | WIMAX | 15.24 | ±9.8 |
| 10308 | AAA | IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols) | WIMAX | 14.67 | ±9.6 |
| | | | | 1 | 37.7 |

Certificate No: EX-7554_Jut22/2

Page 13 of 22

| DID | Rev | Communication System Name | Group | PAR (dB) | Unc $^{\mathbf{E}} \mathbf{k} = 2$ |
|---|---|--|---|--|--|
| 10307 | AAA | IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols) | WIMAX | 14.49 | ±9.6 |
| 10308 | AAA | IEEE B02.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC) | WIMAX | 14.46 | ±9.6 |
| 10309 | AAA | IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 18QAM, AMC 2x3, 18 symbols) | WIMAX | 14.5B | 8.6± |
| 10310 | AAA | EEE 802.18e WIMAX (29:18, 10ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) | WIMAX | 14.57 | ±9.6 |
| 10311 | AAE | LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK) | LTE-FD0 | 8.08 | ±9.8 |
| 10313 | AAA | IDEN 1:3 | IDEN | 10.51 | £9.6 |
| 10314 | AAA | IDEN 1:6 | IDEN | 13.48 | ±9.6 |
| 10315 | AA8 | IEEE 802.11b WiFI 2.4 GHz (DSSS, 1 Mbps, 98pc duly cycle) | WLAN | 1.71 | 8.61 |
| 10316 | AAB | IEEE 802.11g WiFt 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10317 | AAD | IEEE 802.11a WIFI 5 QHz (OFDM, 6 Mbps, 96pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ±9.6 |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ±9.6 |
| 10354 | AAA | Pulse Wavelorm (200Hz, 40%) | Generic | 3.98 | ±9.6 |
| 10355 | AAA | Pulsa Waveform (200Hz, 60%) | Generic | 2.22 | ±9.6 |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ±9.8 |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ±9.6 |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ±9.8 |
| 10398 | AAA | 84-QAM Waveform, 100 kHz | Generlo | 8.27 | ±9.6 |
| 10399 | AAA | 84-DAM Waveform, 40 MHz | Qeneric | 8.27 | ±9.8 |
| 10400 | AAE | IEEE 802.1 ac WIFT (20 MHz, 84-QAM, 99pc duty cycle) | WLAN | 8.37 | ±9.6 |
| 10401 | AAE | IEEE 802.11ac WiFI (40 MHz, 84-QAM, 99po duty cycle) | WLAN | 9.60 | ±9.6 |
| 10402 | AAE | IEEE 802.1 (ac WIFI (80 MHz, 84-QAM, 99pc duty cycle) | WLAN | B.53 | ±9.6 |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.78 | ±9.6 |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3,77 | ±9.6 |
| 10408 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ±9.8 |
| 10410 | AAH | LTE-TOD (SC-FDMA, 1 R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conl=4) | LTE-TOD | 7.82 | ±9.6 |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40 MHz | Generic | 8.54 | ±9.6 |
| 10415 | AAA | IEEE 802.11b WIFT 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | WLAN | 1.54 | ±9.6 |
| 10416 | AAA | IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) | WLAN | 8.23 | ±9.8 |
| 10417 | AAC | IEEE 802.11a/h WiFl 5 GHz (OFDM, 8 Mbps, 99pc duty cycle) | WLAN | 8.23 | ±9.6 |
| 10418 | AAA | IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 99pp duty cycle, Long preambule) | WŁAN | 6.14 | ±9.8 |
| 10418 | AAA | IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pa duty cycle, Short preambule) | WLAN | 8.19 | ±9.6 |
| 10422 | AAC | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ±9.6 |
| 10423 | AAC | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 84-QAM) | WLAN | 8.47 | ±9.6 |
| 10424 | AAC | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ±9.6 |
| 10426 | AAC | IEEE 802.11n (HT Greenfield, 90 Mbps, 18-QAM) | WLAN | 8.46 | ±9.6 |
| 10427 | AAC | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8.41 | ±9.6 |
| 10430 | AAE | LTE-FDD (OFDMA, 6 MHz, 8-TM 3.1) | LTE-FOD | 8.28 | ±9.8 |
| 10431 | AAE | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FOD | 8.38 | ±9.6 |
| 10432 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FOD | 8.34 | ±9.6 |
| 10433 | AAD | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ±9.8 |
| 10434 | AAB | W-CDMA (BS Test Model 1, 84 DPCH) | WCDMA | 8.60 | ±9.6 |
| 10435 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 7.82 | ±9.6 |
| 10447 | AAE | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1. Clipping 44%) | LTE-FDD | 7.56 | ±9.8 |
| 10448 | AAE | LTE-FOO (OFDMA, 16 MHz, E-TM 3.1, Clippin 44%) | LTE-FDD | 7.53 | ±9.6 |
| 10449 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) | LTE-FDD | 7.51 | ±9.6 |
| 10450 | GAA | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.48 | ±9.8 |
| 10451 | AAB | W-CDMA (8S Test Model 1, 64 DPCH, Cflpping 44%) | WCDMA | 7.59 | £9.6 |
| 10453 | AAE | Validation (Square, 10 ms, 1 ms) | Test | 10.00 | ±9.6 |
| , | ~~~ | IEEE 802.11ac WiFI (160 MHz, 84-QAM, 99po duty cycle) | SAG ANS | 0.00 | ±9.6 |
| 10456 | AAC | ice occitae with (rooming, by coaw, sope day eyele) | WLAN | 8.63 | |
| $\overline{}$ | | UMTS-FDO (DC-HSDPA) | WCDMA | 6.62 | ±9.6 |
| 10456 | AAC | | | _ | ±9.6 ±9.8 |
| 10456 10467 | AAC | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | |
| 10456 10457 10458 | AAC AAA | UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDWA5000 | 6.62 6.55 | ±9.6 |
| 10458 10458 10459 | AAC AAB AAA | UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO; Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD | 6.62 6.55 8.25 | ±9.6 ±9.6 |
| 10458 10457 10458 10459 10460 10461 10462 | AAC AAB AAA AAA AAB AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-F0D (WCDMA, AMR) LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | WCDMA CDMA2000 CDMA2000 WCDMA | 6.62 6.55 8.25 2.39 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 |
| 10458 10457 10458 10459 10460 10461 10462 10463 | AAC AAB AAA AAB AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO; Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-F0D (WCDMA, AMR) LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD | 6.62 6.55 8.25 2.39 7.82 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 |
| 10458 10457 10458 10459 10460 10461 10462 10463 | AAC AAA AAA AAB AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO; Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-F0D (WCDMA, AMR) LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-F0MA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD LTE-TOD | 6.62 6.55 8.25 2.39 7.82 6.30 8.56 7.82 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 |
| 10458 10457 10458 10459 10460 10461 10462 10463 10464 10465 | AAC AAB AAA AAB AAC AAC AAC AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-FD0 (WCDMA, AMR) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD | 6.62 6.55 8.25 2.39 7.82 8.30 8.56 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 |
| 10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 | AAC AAA AAA AAC AAC AAC AAC AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-FD0 (WCDMA, AMR) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 1 A MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9) | WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD | 6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.6 |
| 10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468 | AAC AAB AAA AAB AAC AAC AAC AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-FD0 (WCDMA, AMR) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1 4 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9) | WCDMA CDMA2000 WCDMA LTE-TOD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD | 6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.6 ±9.6 |
| 10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468 | AAC AAA AAA AAB AAC AAC AAC AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO; Rev. B, 2 carriers) CDMA2000 (1xEV-DO; Rev. B, 3 carriers) UMTS-FD0 (WCDMA, AMR) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9) | WCDMA CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TDD | 6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82 8.32 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.6 ±9.6 |
| 10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468 10468 10468 | AAC AAB AAA AAB AAC AAC AAC AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-FD0 (WCDMA, AMR) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9) | WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TDD | 6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82 8.32 8.57 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.6 ±9.6 ±9.6 ±9.6 |
| 10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468 | AAC AAA AAA AAB AAC AAC AAC AAC AAC AAC | UMTS-FD0 (DC-HSDPA) CDMA2000 (1xEV-DO; Rev. B, 2 carriers) CDMA2000 (1xEV-DO; Rev. B, 3 carriers) UMTS-FD0 (WCDMA, AMR) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subirame=2,3,4,7,8,9) LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9) | WCDMA CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TDD | 6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82 8.32 | ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.6 ±9.6 |

Certificate No: EX-7554_Jul22/2 Page 14 of 22

| ۵۱U | ABV | Communication System Name | Group | PAR (dB) | Uло [€] 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 Subirame=2,3,4,7,8,9) | LTE-TDD | 8.32 | ±9.8 |
| 10475 | AAF | LTE-TDD (SC-FDMA, 1 R8, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.57 | ±9.8 |
| 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 Subirame=2,3,4,7,8,9) | LTE-TOD | 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-TOD | 7.74 | ±9.6 |
| 10 480 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 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-TOD | 8.45 | ±9.6 |
| 10482 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 7,71 | ±9.6 |
| 10483 | AAD | LTE-TDD (SC-PDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 8.39 | ±9.6 |
| 10484 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9) | LTE-TOD | 8.47 | 19.6 |
| 10485 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subírame=2,3,4,7,8,9) | LTE-TOD | 7.59 | ±9.8 |
| 10486 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TOO | 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-TOD | 8.60 | ±9.6 |
| 10488 | AAG | LTE-TDD (SC-FDMA, 50% R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 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-TOD | 8.31 | ±9.6 |
| 10490 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 84-QAM, UL Subtrame=2,3,4,7,8,9) | LTE-TOD | 8.54 | ±9.6 |
| 10491 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subkama=2,3,4,7,8,9) | LTE-TOD | 7.74 | ±9.6 |
| 10492 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,8) | LTE-TOD | 8,41 | ±9.6 |
| 10493 | AAF | LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9) | LTE-TDD | 8.55 | ±9.6 |
| 10494 | AAG | LTE-TOD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 7,74 | ±9.6 |
| 10495 | AAQ | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8,37 | ±9.5 |
| 10498 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Subirams=2,3,4,7,8,9) | LTE-TDD | 8.54 | ±9,8 |
| 10497 | AAC | LTE-TDD (SC-FDMA, 100% R8, 1.4 MHz, OPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.87 | ±9.8 |
| 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-TOD (SC-FDMA, 100% RB, 1,4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TD0 | 8.68 | ±9.6 |
| 10500 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) | LTE-TOD | 7.87 | ±9.6 |
| 10601 | AAD | LTE-TOD (SC-FOMA, 100% RB, 3 MHz, 18-QAM, UL Subtramc=2,3,4,7,8,9) | LTE-TOD | 8.44 | ±9.6 |
| 10502 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9) | LTE-TOD | 8.52 | ±9.8 |
| 10503 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 7.72 | ±96 |
| 10504 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sublrame=2,3,4,7,8,9) | LTE-TOD | 8.31 | ±9.6 |
| 10505 | AAG | LTE-TDD (SC-FOMA, 100% RB, 5 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 8.54 | ±9.6 |
| 10506 | AAG | LTE-TOD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 7.74 | ±9.6 |
| 10507 | AAG | LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 16-OAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.38 | ±9.6 |
| 10508 | AAG | LTE-TOD (SC-FOMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 8,55 | ±9.6 |
| 10509 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 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-TOD | 8.49 | ±9.6 |
| 10511 | AAF | LTE-TDD (SC-FOMA, 100% RB, 16 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TOD | B.51 | ±9.8 |
| 10512 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 7.74 | ±9.6 |
| 10513 | AAG | LTE-TOO (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TOD | 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-TOD | 8.45 | ±9.6 |
| 10515 | AAA | IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99po 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, 98pc 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 |
| 10619 | AAC | IEEE 802.11a/h WiF) 5 GHz (OFDM, 12 Mbps, 99pc duly cycls) | WLAN | 8,39 | 3.82 |
| 10520 | AAC | IEEE 802.11a/h WiFl 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) | WLAN | 8.12 | ±9.6 |
| 10521 | AAC | IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) | WLAN | 7.97 | ±9.6 |
| 10522 | AAC | IEEE 802.11a/h WIFI 5 GHz (OFDM, 38 Mbps, 99pc duty cycle) | WŁAN | 8.45 | ±9.6 |
| 10523 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFOM, 48 Mbps, 99pc duty cycle) | WLAN | 8.08 | ±9.6 |
| 10524 | AAC | IEEE 802.11s/n WIFI 5 QHz (OFDM, 54 Mbps, 99pc duly cycle) | WLAN | 8.27 | ±9.6 |
| 10525 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10526 | AAC | IEEE 802.11ac WIFT (20 MHz, MCS1, 99pc duty cycle) | WLAN | 8.42 | ±9.6 |
| 10527 | AAC | IEEE 802.11ac WiFt (20 MHz, MCS2, 99pc duty cycle) | WLAN | 8.21 | ±9.6 |
| 10528 | AAC | IEEE 802.11ac WIFT (20 MHz, MCS3, 99pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10529 | AAC | IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10531 | AAC | ISEE 802.11ac WIFI (20 MHz, MCS8, 99pc duty cycle) | WLAN | 8.43 | ±9.6 |
| 10532 | AAC | IEEE 802.11ac WIFI (20 MHz, MCS7, 99po duly cycle) | WLAN | 8.29 | ±9.6 |
| 10533 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle) | WLAN | 8.38 | ±9,6 |
| 10501 | AAC | IEEE 802.11ac WiFI (40 MHz, MCS0, 98pc duly cycle) | WLAN | 8.45 | ±8,6 |
| 10534 | | IEEE 802.11ac WiFI (40 MHz, MCS1, 99pc duly cycle) | WLAN | 8.45 | ±9.6 |
| 10535 | AAC | | | | |
| 10535 10536 | AAC | IEEE 802.11ac WIFi (40 MHz, MCS2, 99pc duty cycle) | WLAN | 8.32 | ±9.6 |
| 10535 10536 10537 | AAC | IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duly cycle) IEEE 802.11ac WIFI (40 MHz, MCS3, 99pc duly cycle) | WLAN | 8.32 8.44 | ±9.6 |
| 10535 10536 | AAC | IEEE 802.11ac WIFi (40 MHz, MCS2, 99pc duty cycle) | | | |

Certificate No: EX-7554_Jul22/2 Page 15 of 22

| 1954 ACC BEE BOOL TIES WITH (ADMITA, MCSR, 2800 of Any cycle) | מוט | Rev | Communication System Name | Group | PAR (dB) | Unc $E k = 2$ |
|--|---------------|-----|--|--------------|--------------|---------------|
| 19548 AAC REER BOOL 118 WIFF (10 MMY, LOSS), 899 cuty cycle) | | | | | | |
| 19554 AAC EEE BOO 11se WIFE (BOMEY, LACS), 99pc cuby cycle) WAAN 8.47 2.9.8 | | | | | | |
| 19548 ACC BEEE 800.11 kev WFT (80 NMTs, MCS0. 99ec duty cycle) W.A.N. 8.57 2.98 19548 ACC BEEE 800.11 kev WFT (80 NMTs, MCS2. 99ec duty cycle) W.A.N. 8.55 1.52 kev 19549 ACC BEEE 800.11 kev WFT (80 NMTs, MCS2. 99ec duty cycle) W.A.N. 8.35 1.52 kev 19549 ACC BEEE 800.11 kev WFT (80 NMTs, MCS2. 99ec duty cycle) W.A.N. 8.49 1.98 kev 19549 ACC BEEE 800.11 kev WFT (80 NMTs, MCS2. 99ec duty cycle) W.A.N. 8.39 1.98 kev 19559 ACC BEEE 800.11 kev WFT (80 NMTs, MCS2. 99ec duty cycle) W.A.N. 8.39 1.98 kev 19559 ACC BEEE 800.11 kev WFT (80 NMTs, MCS2. 99ec duty cycle) W.A.N. 8.30 1.98 kev 19559 ACC BEEE 800.11 kev WFT (80 NMTs, MCS2. 99ec duty cycle) W.A.N. 8.30 1.98 kev 19552 ACC BEEE 800.11 kev WFT (80 NMTs, MCS7. 99ec duty cycle) W.A.N. 8.42 1.98 kev 19553 ACC BEEE 800.11 kev WFT (80 NMTs, MCS7. 99ec duty cycle) W.A.N. 8.45 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 NMTs, MCS8. 99ec duty cycle) W.A.N. 8.45 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 NMTs, MCS8. 99ec duty cycle) W.A.N. 8.45 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 NMTs, MCS8. 99ec duty cycle) W.A.N. 8.47 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.47 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.47 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.47 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.47 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.47 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.49 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.41 1.98 kev 19553 ACC BEEE 800.11 kev WFT (180 MMTs, MCS8. 99ec duty cycle) W.A.N. 8.49 1.98 kev 19553 ACC BEEE 80 | | _ | | | | |
| 1956 ACC BEES 802 11 ke Wife (80 Mft. MCS.) 890c duly cycle) W.A.AH 8.5 | | | | | | |
| 19597 AAC IEEE 802 Tax Win (90 MHz, MCS3, 999c duty cycle) | 10545 | AAC | | | | |
| 10559 AAC IEEE 802 11ac Wift (BOMH), MCSS 99pc duty cycle) | | _ | | | <u> </u> | |
| 10559 AAC IEEE 802 11 to WIFF (60 MHz, MCS4, 99pc duty cycle) | | | | | | |
| 1955 AAC IEEE 802 Tax WIR 60 MHz, MCS7, 996 cdby cycle) WLAN 8.50 9.8 | | | | | | |
| 10552 AAC IEEE 802 11ac WIRT (80 MHz, MC537, 99cc duty yevle) | 10550 | AAC | | | | |
| 10553 AAC IEEE 802 1 as WIF1 80 AHZ, ACS8, 80 pc duly cycle) | 10651 | AAC | | | | |
| 10553 AAC | | | | | | |
| 1935 AAD | 10553 | AAC | IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle) | | | |
| 19555 AAD IESE 802 Tay WRF (180MHz, MCS1, 1986 of lay cycle) W.AN 8.50 1.9.6 | | AAD | <u> </u> | | | |
| 19555 AAD | 10555 | AAD | | WLAN | 8.47 | |
| 19568 AAD EEE 80211at WFI (160 MFI), MCSS, 59pc duly cycle) WILAN 8.73 2.95 | 10556 | AAD | IEEE 802.11ac WiFI (160 MHz, MCS2, 99pc duty cycle) | WLAN | 8.50 | ±9.6 |
| 10569 AAD EEE 80211sc WRT (150 MMt. MCSR. 59pc duty cycle) WILAN 9.73 19.6 10581 AAD EEE 80211sc WRT (150 MMt. MCSR. 59pc duty cycle) WILAN 9.56 19.8 10582 AAD EEE 80211sc WRT (150 MMt. MCSR. 59pc duty cycle) WILAN 8.60 19.5 10583 AAD EEE 80211sc WRT (150 MMt. MCSR. 59pc duty cycle) WILAN 8.77 19.6 10584 AAA | 10557 | AAD | IEEE 802.11ac WIFI (160 MHz, MCS3, 99pc duty cycle) | WLAN | 8.52 | £9.8 |
| 10582 AAD IEEE 802:11st WFF (160 MHz, MCSF, 99pc duty cycle) | 10568 | AAD | IEEE 802.11ac WIFI (160 MHz, MCS4, 99pc duly cycle) | WLAN | 8.61 | ±9.6 |
| 10582 AAD IEEE 802.11g WIFI (130 MHz, MCSB, 99pc duly cycle) WLAN 8.89 29.6 10584 AAA IEEE 802.11g WIFI (24 GHz, MCSB, 99pc duly cycle) WLAN 8.25 29.6 10585 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 8 Mpps, 89pc duly cycle) WLAN 8.25 29.6 10585 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 12 Mpps, 89pc duly cycle) WLAN 8.13 29.8 10585 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 12 Mpps, 80pc duly cycle) WLAN 8.13 29.8 10585 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 12 Mpps, 80pc duly cycle) WLAN 8.10 29.8 10585 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 12 Mpps, 80pc duly cycle) WLAN 8.10 29.8 10586 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 24 Mpps, 80pc duly cycle) WLAN 8.10 29.8 10586 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 24 Mpps, 80pc duly cycle) WLAN 8.10 29.8 10570 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 24 Mpps, 80pc duly cycle) WLAN 8.10 29.8 10570 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, 25 Mpps, 80pc duly cycle) WLAN 8.30 29.6 10571 AAA IEEE 802.11b WIFI (24 GHz, GDSS, 14 Mpps, 80pc duly cycle) WLAN 1.99 29.8 10573 AAA IEEE 802.11b WIFI (24 GHz, GDSS, 14 Mpps, 80pc duly cycle) WLAN 1.99 29.8 10573 AAA IEEE 802.11b WIFI (24 GHz, GDSS, 14 Mpps, 80pc duly cycle) WLAN 1.99 29.8 10573 AAA IEEE 802.11b WIFI (24 GHz, GDSS, 14 Mpps, 80pc duly cycle) WLAN 1.98 29.6 10573 AAA IEEE 802.11b WIFI (24 GHz, GDSS, 14 Mpps, 80pc duly cycle) WLAN 1.98 29.6 10573 AAA IEEE 802.11b WIFI (24 GHz, GDSS, 14 Mpps, 80pc duly cycle) WLAN 1.98 29.6 10573 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, ABMps, 80pc duly cycle) WLAN 1.98 29.6 10573 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, ABMps, 80pc duly cycle) WLAN 8.30 29.6 10573 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, ABMps, 80pc duly cycle) WLAN 8.30 29.6 10573 AAA IEEE 802.11g WIFI (24 GHz, GDSS, GFDM, ABMps, 80pc duly cycle) | 10560 | AAD | IEEE 802,11ac WF) (180 MHz, MCS8, 99pc duty cycle) | WLAN | 8.73 | ±9.6 |
| 10569 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 12Mpps, 89pc duty cycle) WLAN 8.27 2.9.6 10566 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 12Mpps, 89pc duty cycle) WLAN 8.25 2.9.6 10566 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 12Mpps, 89pc duty cycle) WLAN 8.10 4.9.8 10567 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 12Mpps, 89pc duty cycle) WLAN 8.10 4.9.8 10568 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 12Mpps, 89pc duty cycle) WLAN 8.10 4.9.8 10569 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 24Mpps, 89pc duty cycle) WLAN 8.10 4.9.8 10569 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 24Mpps, 89pc duty cycle) WLAN 8.10 4.9.8 10570 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.30 4.9.6 10571 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.30 4.9.6 10572 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.30 4.9.6 10573 AAA IEEE 802:11b WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 1.99 4.9.8 10572 AAA IEEE 802:11b WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 1.99 4.9.6 10573 AAA IEEE 802:11b WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 1.99 4.9.6 10573 AAA IEEE 802:11b WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 1.98 4.9.6 10573 AAA IEEE 802:11b WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 1.98 4.9.6 10573 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.80 4.9.6 10575 AAA IEEE 802:11g WIFI 24-GHz (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.80 4.9.6 10575 AAA IEEE 802:11g WIFI 24-GHZ (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.80 4.9.6 10575 AAA IEEE 802:11g WIFI 24-GHZ (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.80 4.9.6 10575 AAA IEEE 802:11g WIFI 24-GHZ (DSSS-OFDM, 34Mpps, 89pc duty cycle) WLAN 8.80 4.9.6 10575 AAA IEEE 802:11g WIFI 24-GHZ (DSSS | 10581 | AAD | IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle) | WLAN | 8.56 | ±9.6 |
| 10585 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 9Mpps, 98pc duly cycle) WLAN 8.45 49.6 10585 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 12 Mbps, 89pc duly cycle) WLAN 8.13 49.8 10587 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 12 Mbps, 89pc duly cycle) WLAN 8.10 49.8 10586 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 24 Mbps, 98pc duly cycle) WLAN 8.00 49.8 10586 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 24 Mbps, 98pc duly cycle) WLAN 8.37 49.8 10586 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 48 Mbps, 98pc duly cycle) WLAN 8.30 49.8 10586 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 48 Mbps, 98pc duly cycle) WLAN 8.30 49.8 10570 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 48 Mbps, 98pc duly cycle) WLAN 8.30 49.8 10571 AAA IEEE 802.11b WiFl 2.4 GHz (IDSS-OFDM, 48 Mbps, 98pc duly cycle) WLAN 1.99 4.9.8 10573 AAA IEEE 802.11b WiFl 2.4 GHz (IDSS-OFDM, 48 Mbps, 98pc duly cycle) WLAN 1.99 4.9.6 10573 AAA IEEE 802.11b WiFl 2.4 GHz (IDSS-S-OFDM, 8 Mbps, 98pc duly cycle) WLAN 1.98 4.9.6 10574 AAA IEEE 802.11b WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 1.98 4.9.6 10574 AAA IEEE 802.11b WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 1.98 4.9.6 10574 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 8.59 4.9.6 10575 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 8.59 4.9.6 10576 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 8.50 4.9.6 10577 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 8.50 4.9.6 10577 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 8.60 4.9.6 10577 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 8.60 4.9.6 10577 AAA IEEE 802.11g WiFl 2.4 GHz (IDSS-OFDM, 98 Mbps, 98pc duly cycle) WLAN 8.60 4.9.6 10578 AAA | 10562 | AAD | IEEE 802.11ac WIFI (160 MHz, MCSB, 99pc duty cycle) | WLAN | 8.69 | ±9.8 |
| 10565 | 10563 | AAD | IEEE 802.11ac WIFI (180 MHz, MCS9, 99pc duty cycle) | WLAN | 8.77 | #9.6 |
| 10565 | 10564 | АЛА | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) | WLAN | 8.25 | ±9.6 |
| 1956 AAA | 10565 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duly cycle) | WLAN | 8.45 | ±9.5 |
| 1958 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 38 Mbps, 99pc duty cycle) WLAN 8.10 49.6 19570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.10 49.6 19571 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 1.99 49.6 19572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle) WLAN 1.99 49.6 19573 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle) WLAN 1.99 49.6 19573 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle) WLAN 1.99 49.6 19573 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle) WLAN 1.98 49.6 19575 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle) WLAN 1.98 49.6 19575 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle) WLAN 1.98 49.6 19576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle) WLAN 8.50 49.6 19576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.60 49.6 19576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.60 49.6 19576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19586 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19586 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19586 AAC IEEE 802.11g WiFi 2.4 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19586 AAC IEEE 802.11g WiFi 2.6 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19586 AAC IEEE 802.11g WiFi 5.6 GHz (DSSS, 0 FDM, 8 Mbps, 80pc duty cycle) WLAN 8.70 49.6 19586 AAC IEEE 802.11n WiFi 5.6 GHz (DFM, 8 Mbps, 8 | 10566 | AAA | | WLAN | 8.13 | |
| 10599 | 10567 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duly cycle) | WLAN | 8.00 | £9.6 |
| 10570 AAA | 10568 | AAA | IEEE 802,11g WIFi 2.4 GHz (DSSS-OFDM, 38 Mbps, 99pc duly cycle) | WLAN | 8.37 | £9.6 |
| 10577 | 10569 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 98pc duty cycle) | WLAN | 8,10 | ±9.6 |
| 10572 AAA | 10570 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | WŁAN | 8.30 | ±9.6 |
| 10573 AAA IEEE 802.11b WiFI 2.4 GHz (DSSS, 5.5 Mbps, 80pc duty cycle) WLAN 1.98 ±9.6 | | AAA | | WLAN | 1.99 | ±9.6 |
| 10574 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS.OFDM, 8 Mbps, 90pc duty cycle) WLAN 1.98 ±9.6 10575 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.50 ±9.6 10576 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.70 ±9.6 10577 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 80pc duty cycle) WLAN 8.70 ±9.6 10578 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 80pc duty cycle) WLAN 8.70 ±9.6 10579 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 80pc duty cycle) WLAN 8.78 ±9.8 10580 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) WLAN 8.76 ±9.6 10580 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) WLAN 8.76 ±9.6 10580 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) WLAN 8.76 ±9.6 10580 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10580 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10580 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10580 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc duty cycle) WLAN 8.60 ±9.8 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) WLAN 8.60 ±9.8 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) WLAN 8.60 ±9.8 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) WLAN 8.67 ±9.8 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) WLAN 8.67 ±9.8 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10580 AAC IEEE 802.11a WiFI 5 GHz (OFDM, 9 Wbps, 90pc duty cycle) WLAN | | | IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) | WLAN | 1.99 | ±9.6 |
| 10575 AAA IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.59 | | | IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) | WLAN | 1.98 | ±9.6 |
| 10576 | | | | WLAN | 1.98 | ÷9.6 |
| 10577 AAA | | | | | | ±9.8 |
| 10576 AAA | $\overline{}$ | | | | | |
| 10579 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 80pc duty cycle) WLAN 8.36 ±9.6 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 38 Mbps, 80pc duty cycle) WLAN 8.76 ±9.6 10581 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.35 ±9.6 10582 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10583 AAC IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 58 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10584 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) WLAN 8.60 ±9.6 10585 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) WLAN 8.70 ±9.8 10585 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) WLAN 8.70 ±9.8 10586 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) WLAN 8.49 ±9.6 10586 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.36 ±9.6 10586 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.36 ±9.6 10586 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.36 ±9.6 10586 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.36 ±9.8 10587 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.36 ±9.6 10588 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.36 ±9.8 10589 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 80pc duty cycle) WLAN 8.37 ±9.6 10590 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 80pc duty cycle) WLAN 8.67 ±9.8 10591 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 80pc duty cycle) WLAN 8.64 ±9.6 10592 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 80pc duty cycle) WLAN 8.64 ±9.6 10593 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 80pc duty cycle) WLAN 8.64 ±9.6 10595 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 80pc duty cycle) WLAN 8.64 ±9.6 10596 AAC IEEE 802.11g WiFi 6 GHz (OFDM, 80p | | | | | | |
| 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 MDps, 80pc duly cycle) WLAN 8.76 ±9.6 10581 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duly cycle) WLAN 8.35 ±9.6 10582 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duly cycle) WLAN 8.67 ±9.6 10583 AAC IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duly cycle) WLAN 8.59 ±9.6 10584 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 6 Mbps, 90pc duly cycle) WLAN 8.60 ±9.5 10585 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 12 Mbps, 90pc duly cycle) WLAN 8.60 ±9.5 10585 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 12 Mbps, 90pc duly cycle) WLAN 8.70 ±9.8 10585 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 18 Mbps, 90pc duly cycle) WLAN 8.49 ±9.6 10587 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 24 Mbps, 90pc duly cycle) WLAN 8.36 ±9.6 10588 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 24 Mbps, 90pc duly cycle) WLAN 8.36 ±9.6 10588 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 38 Mbps, 90pc duly cycle) WLAN 8.36 ±9.6 10590 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 84 Mbps, 90pc duly cycle) WLAN 8.36 ±9.6 10591 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 84 Mbps, 90pc duly cycle) WLAN 8.36 ±9.6 10592 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 84 Mbps, 90pc duly cycle) WLAN 8.63 ±9.6 10593 AAC IEEE 802.11g (HT Mixed, 20 MHz, MCS3, 90pc duly cycle) WLAN 8.63 ±9.6 10594 AAC IEEE 802.11g (HT Mixed, 20 MHz, MCS3, 90pc duly cycle) WLAN 8.63 ±9.6 10595 AAC IEEE 802.11g (HT Mixed, 20 MHz, MCS3, 90pc duly cycle) WLAN 8.74 ±9.8 10595 AAC IEEE 802.11g (HT Mixed, 20 MHz, MCS3, 90pc duly cycle) WLAN 8.74 ±9.6 10596 AAC IEEE 802.11g (HT Mixed, 20 MHz, MCS3, 90pc duly cycle) WLAN 8.74 ±9.6 10597 AAC IEEE 802.11g (HT Mixed, 20 MHz, MCS3, 90pc duly cycle) WLAN 8.74 ±9.6 10598 AAC IEEE 802.11g (HT Mixed, 40 MHz, MCS3, 90pc duly cycle) WLAN 8.79 ±9.6 10599 AAC I | | | | | - | |
| 10581 AAA | | | | | | |
| 10582 AAA | | | | | + | |
| 10583 AAC IEEE 802.11a/h WIF1 5 GHz (OFDM, 6 Mbps, 90pc duly cycle) WLAN 8.59 ±9.6 | | | | | | |
| 10584 AAC IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps, 90pc duly cycle) WLAN 8.60 ±9.8 | | | | | | |
| 10585 AAC IEEE 802.11a/h WIF1 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) WLAN 8.70 ±9.8 | | | The state of the s | | | |
| 10588 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, 90po duty cycle) WLAN 8.36 | | | | | | |
| 10588 AAC IEEE 802.11a/h WiF15 GHz (OFDM, 38 Mbps, 90pc duty cycle) WLAN 8.36 ±9.8 10588 AAC IEEE 802.11a/h WiF15 GHz (OFDM, 48 Mbps, 90pc duty cycle) WLAN 8.35 ±9.8 10590 AAC IEEE 802.11a/h WiF15 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 ±9.8 10582 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 ±9.8 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, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10596 AAC IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle) WLAN 8.71 ±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, MCS5, 90pc duty cycle) WLAN 8.72 ±9.5 10598 AAC IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle) WLAN 8.50 ±9.6 10599 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 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, MCS3, 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, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10604 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10606 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.96 ±9.6 10607 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.96 ±9.6 10608 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty | | | | | | |
| 10588 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) WLAN 8.35 | | | | | | |
| 10590 AAC IEEE 802.11a/h WIF1 5 GHz (OFDM, 64 Mbps, 90pa duly cycle) WLAN 8.67 ±9.6 10591 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS0, 90pc duly cycle) WLAN 8.63 ±9.8 10682 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS1, 90pc duly cycle) WLAN 8.64 ±9.6 10593 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS2, 90pc duly cycle) WLAN 8.64 ±9.6 10594 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS3, 90pc duly cycle) WLAN 8.74 ±9.6 10595 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS4, 90pc duly cycle) WLAN 8.74 ±9.6 10596 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS5, 90pc duly cycle) WLAN 8.75 ±9.6 10597 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS5, 90pc duly cycle) WLAN 8.72 ±9.8 10598 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS5, 90pc duly cycle) WLAN 8.75 ±9.6 10599 AAC IEEE 802.11a (HT Mixed, 20 MHz, MCS7, 90pc duly cycle) WLAN 8.79 ±9.6 10600 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS7, 90pc duly cycle) WLAN 8.88 ±9.6 10601 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS1, 90pc duly cycle) WLAN 8.82 ±9.8 10602 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS2, 90pc duly cycle) WLAN 8.94 ±9.6 10604 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS3, 90pc duly cycle) WLAN 8.94 ±9.6 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS3, 90pc duly cycle) WLAN 8.96 ±9.6 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS3, 90pc duly cycle) WLAN 8.78 ±9.8 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS5, 90pc duly cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS5, 90pc duly cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS7, 90pc duly cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS7, 90pc duly cycle) WLAN 8.64 ±9.6 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS7, 90pc duly cycle) WLAN 8.64 ±9.6 10605 AAC IEEE 802.11a (HT Mixed, 40 MHz, MCS7, 90pc duly cycle) WLAN 8.64 ±9.6 10605 AAC IE | _ | | | | | |
| 10591 AAC | 1 | | | | | |
| 10682 AAC | | | | | | |
| 10593 AAC IEEE 802.11n (HT Mixed, 20MHz, 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, MCS6, 90pc duty cycle) WLAN 8.71 ±9.6 10596 AAC IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 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, MCS7, 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 ±9.8 10602 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.89 ±9.6 10603 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10604 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.76 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.664 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.664 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.664 ±9.6 10605 AAC IEEE | | | | | | |
| 10594 | | | | | | |
| 10595 AAC IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duly cycle) WLAN 8.74 ±9.6 | | | | | | |
| 10596 AAC | | | | | | |
| 10587 AAC IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90c duty cycle) WLAN 8.72 ±9.6 10598 AAC IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90c duty cycle) WLAN 8.50 ±9.6 10599 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90c duty cycle) WLAN 8.78 ±9.6 10600 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90c duty cycle) WLAN 8.88 ±9.6 10601 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90c duty cycle) WLAN 8.92 ±9.6 10602 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90c duty cycle) WLAN 8.94 ±9.6 10603 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90c duty cycle) WLAN 9.03 ±9.8 10604 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90c duty cycle) WLAN 8.76 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90c duty cycle) WLAN 8.97 ±8.6 10606 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90c duty cycle) WLAN 8.82 ±9.6 10607 | | | | | | |
| 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 8.78 ±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 ±9.8 10602 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10803 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle) WLAN 9.03 ±9.8 10604 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle) WLAN 8.76 ±9.8 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±8.6 10606 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.82 ±9.6 10607 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.84 ±9.6 | | | | | | |
| 10599 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle) WLAN 8.78 ±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 8.92 ±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 ±9.8 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 ±8.6 10606 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.82 ±9.6 10607 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.64 ±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 ±9.8 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 ±8.6 10606 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.82 ±9.6 10607 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle) WLAN 8.64 ±9.6 | | | | | | |
| 10601 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle) WLAN 8.82 | | | | | | |
| 10602 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10803 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle) WLAN 9.03 ±9.8 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 10608 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.82 ±9.6 10607 AAC IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle) WLAN 8.64 ±9.6 | | AAC | | | | |
| 10803 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duly cycle) WLAN 9.03 ±9.8 10604 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duly cycle) WLAN 8.76 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duly cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duly cycle) WLAN 8.82 ±9.6 10607 AAC IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duly cycle) WLAN 8.64 ±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 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.82 ±9.6 10607 AAC IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle) WLAN 8.64 ±9.6 | | AAC | | | | |
| 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.82 ±9.6 10807 AAC IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle) WLAN 8.64 ±9.6 | 10604 | AAC | | | | |
| 10606 AAC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) WLAN 8.82 ±9.6 10607 AAC IEEE 802.11ac WiFI (20 MHz, MCS0, 90pc duty cycle) WLAN 8.64 ±9.6 | | AAC | | | _ | |
| 10807 AAC IEEE 802.11ac WIFI (20 MHz, MCS0, 80pc duty cycle) WLAN 8.64 ±9.6 | | AAC | | | - | |
| 10608 AAC IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duly cycle) WLAN 8.77 ±9.6 | 10807 | AAC | IEEE 802,11ac WIFI (20 MHz, MCS0, 90pc duty cycle) | WLAN | 8.54 | ±9.6 |
| | 10608 | AAC | IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duly cycle) | WLAN | | |

Certificate No: EX-7554_Jui22/2 Page 16 of 22

| 106910 AAC EEEE 802.11 to WFIF (20 MAT, MCSS, 190pc duty cycle) | UID | Rav | Communication System Name | Group | PAR (dB) | Unc $^{\Sigma} k = 2$ |
|--|---------------|--------|---|--------|----------|-----------------------|
| 10610 ACC EEE 802 11ae WHE (20 MHz, MCSS, 90pc duly cycle) WLAN 8.70 2.9. | | 15.511 | | | | |
| 10612 AAC EEE 80211as WHI (20 MHz, MCSS, 90pc duly cycle) | | | | | | |
| 106151 AAC IEEE 802 11as WHF (20 MHz, MCSS, 90pc duty grole) | | | | | | |
| 10613 AAC IEEE 802.11ac WiFi (20MHz, MCSS, 90c odly cycle) | 1 | | | | | ±9.8 |
| 10615 AAC IEEE 802.11ac WRF (20MH, MCS7, 90pc duty cycle) | | | | | | 49,8 |
| 19616 AAC IEEE 802 Tax WIFF (40 MFz, MCSB, 800c duly cycle) | | - | | | | ±9.6 |
| 10617 AAC IEEE 802 11ac WFF (40 MFA, MC50, 90c duly cycle) | - | | | | | 8,61 |
| 10819 AAC IEEE 802 Tax Wiff (40 MHz, MCS1, 30pc duty cycle) WLAN 8.55 39. 10819 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.56 39. 10820 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.87 29. 10820 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.87 29. 10821 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.77 29. 10822 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.77 29. 10823 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.89 29. 10824 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.90 29. 10825 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.90 29. 10826 AAC IEEE 802 Tax Wiff (40 MHz, MCS3, 30pc duty cycle) WLAN 8.90 29. 10827 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.90 29. 10828 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.89 29. 10829 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.89 29. 10829 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.89 29. 10829 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.89 29. 10831 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.89 29. 10833 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.81 29. 10833 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.81 29. 10833 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.81 29. 10833 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.81 29. 10833 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.81 29. 10833 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle) WLAN 8.83 29. 10833 AAC IEEE 802 Tax Wiff (20 MHz, MCS3, 30pc duty cycle | | _ | | | | ±9.6 |
| 10829 AAC IEEE 802.11 at WIF1 (40 MHz, MCS3, 90pc duty cycle) WLAN 8.87 2.9. | - | AAC | | WLAN | | ±9.6 |
| 10829 AAC IEEE 802.11 at WIF1 (40 MHz, MCS3, 90pc duty cycle) WLAN 8.87 2.9. | 10618 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle) | WLAN | 8.58 | ±9.6 |
| 10622 AAC IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle) WLAN 8.77 19- 10622 AAC IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle) WLAN 8.82 19- 10624 AAC IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle) WLAN 8.90 1.92 10624 AAC IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle) WLAN 8.90 1.92 10625 AAC IEEE 802.11ac WIF1 (40 MAR. CASS, 80pc duty cycle) WLAN 8.90 1.92 10626 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.83 1.93 10626 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.83 1.93 10626 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.83 1.93 10626 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.83 1.93 10626 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.71 1.93 10629 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.71 1.94 10629 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.72 1.94 10631 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.72 1.94 10631 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.72 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.74 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.83 1.94 10635 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 80pc duty cycle) WLAN 8.80 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle) WLAN 8.80 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle) WLAN 8.80 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle) WLAN 8.80 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle) WLAN 8.80 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle) WLAN 8.80 1.94 10633 AAC IEEE 802.11ac WIF1 (80 MAR. MCSS, 90pc duty cycle) WLAN 8.80 1.94 10633 AAC IEEE 802 | 10619 | AAC | | WLAN | 8.86 | ±9.6 |
| 10622 AAC EEE 802.11ac WIF (40 MHz, MCSS, 90pc duly cycle) | 10620 | AAC | IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duly cycle) | WLAN | 8.87 | ±9.6 |
| 10626 AAC | 10621 | AAC | IEEE 802.11ac WiFI (40 MHz, MCSS, 90pc duty cycle) | WLAN | 8.77 | £9 6 |
| 10625 AAC IEEE 802.11ac WIF1 (80 MHz, MCS9, 90pc duty cycle) WLAN 8.36 29. | | AAC | IEEE 802,11ac WIFI (40 MHz, MCS6, 90pc duty cycle) | WLAN | 8.68 | ±9.6 |
| 10626 AAC IEEE 602.11sc WIF (40 MHz, MCS9, 90pc duly cycle) WLAN 8.36 3-9. 10627 AAC IEEE 602.11sc WIF (80 MHz, MCS9, 90pc duly cycle) WLAN 8.88 3-9. 10627 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.81 3-9. 10628 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.85 3-9. 10629 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.85 3-9. 10630 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.85 3-9. 10630 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.72 3-9. 10631 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.72 3-9. 10632 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.81 3-9. 10633 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.84 3-9. 10633 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.83 3-9. 10633 AAC IEEE 602.11sc WIF (80 MHz, MCS3, 90pc duly cycle) WLAN 8.83 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.83 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.81 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.81 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.83 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.83 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.83 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.83 3-9. 10633 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.85 3-9. 10634 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.86 3-9. 10634 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.86 3-9. 10634 AAC IEEE 602.11sc WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.86 3-9. 10634 AAC IEEE 602.11sc WIF (1 | = | | IEEE 802.11 ac WIFI (40 MHz, MCS7, 90pc duty cycle) | | | ±9.6 |
| 10929 AAC IEEE 802.11sc WHF (80 MHz, MCS1, 90pc duly cycle) WLAN 8.88 4.9 | | _ | | | | ±9.6 |
| 10629 AAC IEEE 802.11ac WIFI (60 MHz, MCS1, 90pc duty cycle) WLAN 8.88 4.9. 10629 AAC IEEE 802.11ac WIFI (80 MHz, MCS2, 90pc duty cycle) WLAN 8.85 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.85 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.81 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.81 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.81 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.81 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.9. 10630 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.9. 10630 AAC IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.9. 10630 AAC IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.9. 10630 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.9. 10630 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.80 4.9. 10630 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.86 4.9. 10630 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.80 4.9. 10640 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.85 4.9. 10641 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.85 4.9. 10642 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.85 4.9. 10643 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.85 4.9. 10644 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.85 4.9. 10645 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90pc duty cycle) WLAN 8.80 4.9. 10646 AAD IEEE 802.11ac WIFI (180 MHz, MCS3, 90p | | _ | | | | ±9.8 |
| 10829 AAC IEEE 802.11ac WIFI (60 MHz, MCS2, 90pc duly cycle) WLAN 8.85 29. 10829 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.85 29. 10830 AAC IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.72 29. 10831 AAC IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle) WLAN 8.74 49. 10831 AAC IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle) WLAN 8.74 49. 10833 AAC IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle) WLAN 8.74 49. 10833 AAC IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duly cycle) WLAN 8.83 29. 10833 AAC IEEE 802.11ac WIFI (80 MHz, WCS8, 90pc duly cycle) WLAN 8.80 29. 10834 AAC IEEE 802.11ac WIFI (80 MHz, WCS8, 90pc duly cycle) WLAN 8.83 29. 10833 AAC IEEE 802.11ac WIFI (80 MHz, WCS8, 90pc duly cycle) WLAN 8.83 29. 10833 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.83 29. 10836 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.83 29. 10836 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.83 29. 10836 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.83 29. 10836 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.85 49. 10839 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.86 29. 10840 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.86 29. 10840 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 8.96 29. 10844 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 9.06 49. 10844 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 9.06 49. 10844 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 9.06 49. 10844 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 9.06 49. 10844 AAC IEEE 802.11ac WIFI (180 MHz, MCS8, 90pc duly cycle) WLAN 9.06 49. 10844 AAC IEEE 802.11ac WI | $\overline{}$ | | | | | ±9,8 |
| 10839 AAC IEEE 802.11sc WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.72 £3. £ | | | | | | ±9.8 |
| 10830 AAC | | | | | | ±9.5 |
| 10831 AAC | | | | | | ±9.6 |
| 10832 AAC | | | | | | £9.6 |
| 10833 AAC | | _ | | | | ±9.6 |
| 10834 AAC | - | | | | | |
| 10835 AAC | | _ | | | | |
| 10636 AAD | _ | | | | | ±9.6 |
| 10837 AAD | | | | | | 8.64 |
| 10838 AAD | - | _ | | | | ±9.6 |
| 10839 AAD | | | | | | ±9.6 |
| 10840 | | | | | | ±9.6 |
| 10642 AAD | 10640 | AAD | | WLAN | 8.98 | ±9.6 |
| 10843 AAD | 10641 | AAD | | WLAN | 9.06 | ±9.6 |
| 10844 AAD IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle) WLAN 9.05 ±9. | 10642 | AAD | IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle) | WLAN | 9.06 | ±9.6 |
| 10645 AAD IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle) WLAN 9.11 ±9. 10646 AAH LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL, Subtrame=2,7) LTE-TDD 11.96 ±9. 10647 AAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL, Subtrame=2,7) LTE-TDD 11.96 ±9. 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9. 10659 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ±9. 10650 AAF LTE-TDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9. 10651 AAF LTE-TDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9. 10652 AAF LTE-TDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9. 10653 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9. 10654 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9. 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9. 10658 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9. 10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9. 10650 AAB Pulse Waveform (200Hz, 60%) Test 6.99 ±9. 10661 AAB Pulse Waveform (200Hz, 60%) Test 6.99 ±9. 10662 AAB Pulse Waveform (200Hz, 60%) Test 6.99 ±9. 10663 AAB Pulse Waveform (200Hz, 60%) Test 6.99 ±9. 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9. 10670 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9. 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9. 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9. 10677 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9. 10680 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 ±9. 10681 | 10643 | AAD | IEEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle) | WLAN | 8.89 | £9.8 |
| 10646 | | AAD | IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle) | WLAN | 9.05 | ±9.6 |
| 10647 AAG LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe = 2,7) LTE-TDD 11.86 ±9 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9 10652 AAF LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ±9 10853 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±8 10854 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9 10855 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9 10858 AAB LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9 10858 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9 10859 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9 10850 AAB Pulse Waveform (200Hz, 60%) Test 3.98 ±8 10862 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9 10870 AAA Bluelooth Low Energy Bluetooth 2.18 ±9 10871 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9 10872 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10877 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10877 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9 10878 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9 10878 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.89 ±9 10879 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.89 ±9 10880 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 ±9 10880 AAC | | AAD | IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle) | WLAN | 9.11 | ±9.6 |
| 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9 10652 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ±9 10653 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±8 10654 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9 10658 AAB LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9 10658 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9 10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9 10650 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±9 10661 AAB Pulse Waveform (200Hz, 40%) Test 2.22 ±8 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9 10671 AAC LEEE 802.11ax (20 MHz, MCS0, 80pc duty cycle) WLAN 9.09 ±9 10672 AAC LEEE 802.11ax (20 MHz, MCS1, 80pc duty cycle) WLAN 8.75 ±9 10673 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9 10676 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9 10677 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.76 ±9 10676 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10677 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9 10678 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9 10679 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9 10679 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.89 ±9 10679 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.89 ±9 10680 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 ±9 10680 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 ±9 10680 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.81 | | | | | | ±9.6 |
| 10652 AAF | | | | | | ±9.6 |
| 10 653 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 £9 10 854 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 £9 10 855 AAF LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 £9 10 658 AAB LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 £9 10 658 AAB Pulse Waveform (200Hz, 20%) Test 6.99 £9 10 650 AAB Pulse Waveform (200Hz, 20%) Test 6.99 £9 10 650 AAB Pulse Waveform (200Hz, 20%) Test 3.98 £9 10 661 AAB Pulse Waveform (200Hz, 80%) Test 0.97 £9 10 662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 £9 10 670 AAA Bluetooth Low Energy Bluetooth 2.18 £9 10 671 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 £9 10 672 AAC IEEE 802.11ax (20 MHz, MCS1, 80pc duty cycle) WLAN 8.78 £9 10 673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 £9 10 674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 £9 10 675 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 £9 10 677 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.70 £9 10 678 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.70 £9 10 679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.73 £9 10 679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.73 £9 10 679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 £9 10 679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 £9 10 680 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 £9 10 680 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 £9 10 681 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 £9 10 682 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.82 £9 | | | | | | ±9.6 |
| 10854 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9 10865 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9 10858 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9 10859 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9 10850 AAB Pulse Waveform (200Hz, 60%) Test 3.98 ±9 10861 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±9 10862 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9 10870 AAA Bluetooth Low Energy Bluetooth 2.18 ±9 10871 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9 10872 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.78 ±9 10873 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10876 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10878 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9 10878 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9 10879 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9 10879 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.80 ±9 10880 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10881 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10883 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10883 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10883 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.82 ±9 10883 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.82 ±9 10883 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.82 ±9 10883 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.82 ±9 10883 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN | | _ | | | | ±9.6 |
| 10865 AAF | | | , , , , , , , , , , , , , , , , , , , | | | ±9.6 |
| 10658 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9 | | _ | | | | |
| 10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9 10650 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±9 10661 AAB Pulse Waveform (200Hz, 60%) Test 2.22 ±8 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9 10670 AAA Bluelooth Low Energy Bluelooth 2.19 ±9 10671 AAC IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9 10672 AAC IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) WLAN 8.78 ±9 10673 AAC IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9 10674 AAC IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9 10675 AAC IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10676 AAC IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9 10677 AAC IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle) WLAN 8.73 ±9 10678 AAC IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle) WLAN 8.73 ±9 10679 AAC IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle) WLAN 8.79 ±9 10680 AAC IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9 10681 AAC IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10682 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.80 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle) WLAN 8.842 ±9 | | _ | | | | ±9.6 ±9.6 |
| 10650 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±8 10661 AAB Pulse Waveform (200Hz, 60%) Test 2.22 ±8 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9 10671 AAC IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9 10672 AAC IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) WLAN 8.78 ±9 10673 AAC IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9 10674 AAC IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9 10675 AAC IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9 10878 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9 10878 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9 10879 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9 10879 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9 10879 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9 10881 AAC IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9 10881 AAC IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10881 AAC IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS11, 80pc duty cycle) WLAN 8.83 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS11, 80pc duty cycle) WLAN 8.83 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS11, 80pc duty cycle) WLAN 8.83 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS11, 80pc duty cycle) WLAN 8.83 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS11, 80pc duty cycle) WLAN 8.83 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS11, 80pc duty cycle) WLAN 8.83 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS01, 90pc duty cycle) WLAN 8.842 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS01, 90pc duty cycle) WLAN 8.442 ±9 10883 AAC IEEE 802.11ax (20MHz, MCS01, 90pc duty cycle) WLAN 8.442 ±9 | | | | | | ±9.6 |
| 10661 AAB Pulse Waveform (200Hz, 60%) Test 2.22 ±8 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9 10671 AAC IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9 10672 AAC IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) WLAN 8.78 ±9 10673 AAC IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9 10674 AAC IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9 10675 AAC IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9 10878 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9 10679 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9 10679 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9 10679 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9 10680 AAC IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle) WLAN 8.89 ±9 10681 AAC IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10682 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10683 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10684 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10685 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10685 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10686 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10686 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10686 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10686 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.80 ±9 10687 AAC IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) | | | | | | ±9.6 |
| 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9 | | | | | | ±9.6 |
| 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9 | | _ | | | | ±9.6 |
| 10671 AAC | | _ | | | | ±9.6 |
| 10672 | | | | | | ±9.6 |
| 10673 AAC | | AAC | | | | ±9.6 |
| 10676 AAC IEEE 802.11ax (20 MHz, MCS4, 90po duty cycle) WLAN 6.90 ±9 10878 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 6.73 ±9 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 6.78 ±9 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9 | 10679 | AAC | | WLAN | 8.78 | ±9.6 |
| 10876 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 6.78 ±9 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 9.83 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9 | 10674 | AAC | | | 8.74 | ±9.6 |
| 10677 AAC IEEE 802.11ax (20 MHz, MC\$6, 90pc duty cyclo) WLAN 8.73 ±9 10678 AAC IEEE 802.11ax (20 MHz, MC\$7, 90pc duty cycle) WLAN 6.78 ±9 10679 AAC IEEE 802.11ax (20 MHz, MC\$8, 90pc duty cycle) WLAN 8.89 ±9 10680 AAC IEEE 802.11ax (20 MHz, MC\$9, 90pc duty cycle) WLAN 8.80 ±9 10681 AAC IEEE 802.11ax (20 MHz, MC\$10, 90pc duty cycle) WLAN 8.62 ±9 10682 AAC IEEE 802.11ax (20 MHz, MC\$11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20 MHz, MC\$0, 99pc duty cycle) WLAN 8.42 ±9 | | | | | 6.80 | ±9.8 |
| 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duly cycle) WLAN 6.78 ±9 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duly cycle) WLAN 8.89 ±9 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duly cycle) WLAN 8.80 ±9 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duly cycle) WLAN 8.62 ±9 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duly cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duly cycle) WLAN 8.842 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 10683 AAC I | | | | | | ±9.6 |
| 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duly cycle) WLAN 8.89 ±9 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duly cycle) WLAN 8.80 ±9 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duly cycle) WLAN 8.62 ±9 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duly cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 | | _ | | | | ±9.8 |
| 10680 AAC IEEE 802.11 ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9 10881 AAC IEEE 802.11 ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9 10682 AAC IEEE 802.11 ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11 ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9 | | | | | | ±9.6 |
| 10881 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9 | | _ | | | | ±9.6 |
| 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9 10683 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.42 ±9 | | _ | | | _ | 19.8 |
| 10683 AAC IEEE 802.11ax (20MHz, MCS0, 99pc duly cycle) WLAN 8.42 ±9 | | | | | | ±9.6 |
| | | _ | | | | ±9.6 |
| 1 10 CDX 1 AAC 1 IEEE 000 11 av /00 MUz MAC1 00 a a dulu aught) 1 All 43 1 A de 1 A | | _ | | | | ±9.6 |
| | | | | | _ | ±9.6 |
| | | | | | | ±9.6 |
| 130000 LOUG THEY TO CHALLET MACON SOUTH ONLY CHAIN THE THE STATE OF TH | 10000 | 740 | THE DOCT THE LEGISTER WOOD, BODG ONLY CYCINS | 440414 | 0.20 | 13.0 |

Certificate No: EX-7554_Jul22/2

Page 17 of 22

| סוע | Rev | Communication System Name | Group | PAR (dB) | Unc ^E k = 2 |
|-------|-----|---|-------|-------------|------------------------|
| 10687 | AAC | IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle) | WLAN | | |
| 10688 | AAC | IEEE 802.11ex (20 MHz, MCS5, 99pc duty cycle) | | 8.45 | ±9.6 |
| 10689 | AAC | IEEE 802,11ax (20 MHz, MCSS, 98pc duty cycle) | WLAN | 8.29 | £9.8 |
| 10690 | AAC | | WLAN | 8.55 | F9.6 |
| | _ | IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10891 | AAC | IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle) | WLAN | 8.25 | 9.64 |
| 10692 | AAC | IEEE 802.11ax (20 MHz, MGS9, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10693 | AAC | IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) | WLAN | 8.25 | ±9.8 |
| 10694 | AAC | IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) | WLAN | 8.57 | ±9.8 |
| 10695 | AAC | IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) | WLAN | 8.78 | ±9.6 |
| 10896 | 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 | ±9.8 |
| 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 duly cycle) | WLAN | 8.73 | ±9.8 |
| 10701 | AAC | IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) | WLAN | 8.86 | ±9.6 |
| 10702 | AAC | IEEE 802.11 ax (40 MHz, MCS7, 90pc duly cycle) | WLAN | 8.70 | ±9.6 |
| 10703 | AAC | IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ±9.8 |
| 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 | 8.89 | ±9.5 |
| 10706 | AAC | IEEE 802.11ax (40 MHz, MCS11, 90po 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 duly cycle) | WLAN | 8.55 | ±9.6 |
| 10709 | AAC | IEEE 802.11ax (40 MHz, MCS2, 99pc duly 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, 89pc duty cycle) | WLAN | 8.39 | ±9.6 |
| 10712 | AAC | IEEE 802.11ax (40 MHz, MCS5, 99po duty cycle) | WLAN | 8.67 | ±9.8 |
| 10713 | AAC | IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle) | WLAN | 8.33 | ±9.8 |
| 10714 | AAC | IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle) | WLAN | 8.26 | ±9.8 |
| 10715 | AAC | (EEE 802.11ax (40 MHz, MCS8, 99pc duty cycle) | WLAN | 8.45 | _ |
| 10716 | AAC | IEEE 802.11ax (40 MHz, MCS9, 98pc duty cycle) | WLAN | 6.30 | ±9.6 |
| 10717 | AAC | IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle) | WLAN | - | |
| 10718 | AAC | IEEE 802.11ex (40 MHz, MCS11, 99pc duty cycle) | WLAN | 8.48 | ±9.6 |
| 10719 | AAC | | | 8.24 | ±9.6 |
| 10719 | AAC | IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle) | WLAN | 8.81 | ±9.8 |
| 10721 | AAC | IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) | WLAN | 8.87 | ±9.6 |
| | _ | [EEE 802.11ax (80 MHz, MCS2, 90pc duty cycle) | WLAN | 8.76 | ±9.8 |
| 10722 | AAC | (EEE 802.11ax (80 MHz, MCS3, 90pc duty cycle) | WLAN | 8.56 | ±9.6 |
| 10723 | AAC | IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle) | WLAN | 8.70 | ±9.8 |
| 10724 | AAC | IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle) | WŁAN | 8.90 | ±9.6 |
| 10725 | AAC | IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) | WLAN | 8.74 | ±9.8 |
| 10726 | AAC | IEEE 802.11ex (80 MHz, MCS7, 90pc duty cycle) | WLAN | 8.72 | ±9.8 |
| 10727 | AAC | (EEE 802,11ax (80 MHz, MCS8, 90pc duty cycle) | WLAN | 8.86 | ±9.6 |
| 10728 | AAC | IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) | WLAN | 8.66 | ±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 | ΛAC | 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 | 8.48 | ±9.6 |
| 10733 | AAC | IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) | WLAN | 8.40 | ±9.8 |
| 10734 | | IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) | WLAN | 8.25 | ±9.8 |
| 10736 | _ | IEEE 802.11ax (80 MHz, MCS4, 99cc 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, MCS8, 99pc duty cycle) | WLAN | 8.36 | ±9.6 |
| 10738 | AAC | IEEE 802.11 Ex (80 MHz, MCS7, 9900 duly cycle) | WLAN | 8.42 | ±9.6 |
| 10739 | AAC | IEEE 802,11ex (80 MHz, MCS8, 99pc duty cycle) | WLAN | 8.29 | ±9.6 |
| 10740 | AAC | IEEE 802.1 Lax (80 MHz, MCS9, 99pc duty cycle) | WLAN | 8.48 | ±9.6 |
| 10741 | AAC | IEEE 802.11 ax (80 MHz, MC810, 89pc duty cycle) | WLAN | 8.40 | ±9.6 |
| 10742 | AAC | IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) | WLAN | 8,49 | ±9.6 |
| 10743 | AAC | IEEE 802.11ax (180 MHz, MCS0, 90pc duty cycle) | WLAN | 8.94 | ±9.6 |
| 10744 | AAC | IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) | WLAN | 9.16 | ±9.6 |
| 10745 | AAC | IEEE 802.11ax (180 MHz, MCS2, 90pc duty cycle) | WLAN | 8.93 | ±9.6 |
| 10746 | AAC | IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) | WLAN | 9.11 | ±9.6 |
| 10747 | AAC | 1EEE 802.11ax (160 MHz, MCS4, 90pc duty cycle) | WLAN | 9.04 | ±9.6 |
| 10748 | AAC | IEEE 802.11ax (180 MHz, MCS5, 90pc duty cycle) | WLAN | 8.93 | ±9.8 |
| 10749 | AAC | IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) | WLAN | 8,90 | ±9.6 |
| 10750 | AAC | IEEE 802.11ax (160 MHz, MC37, S0pc duty cycle) | WLAN | 8.79 | ±9.6 |
| 10751 | AAC | IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) | WLAN | 8.82 | ±9.6 |
| 10752 | AAC | (EEE 802.11ax (160 MHz, MCS9, 80pc duty cycle) | WLAN | 8.81 | ±9,6 |
| | 1 | 1 Suff und uni take d alami | 1 | 3.01 | |
| | | | | | |

Certificate No: EX-7554_Jul22/2 Page 18 of 22

| UID | Rev | Communication System Name | Group | PAR (d8) | Unc ^E k = 2 |
|-------|------------|---|---------------|--------------|------------------------|
| 10753 | AAC | IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle) | Group WLAN | 9.00 | |
| 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 | 8.84 | 29.6 |
| 10756 | AAC | IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle) | WLAN | 8.77 | ±9.8 |
| 10757 | AAC | IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle) | WLAN | 8.77 | ±9.8 |
| 10758 | AAC | IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) | WLAN | 8.59 | ±9.6 |
| 10759 | AAC | (EEE 802.11ax (160 MHz, MCS4, 98pc duly cycle) | WLAN | 8.58 | 19.6 |
| 10760 | AAC | IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) | WLAN | 8.49 | ±9.6 |
| 10761 | AAC | IEEE 802.11ax (160 MHz, MCS6, 99po 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 802.11ex (160 MHz, MCS8, 98pc duly cycle) | WLAN | 8.53 | ±9.6 |
| 10764 | AAC | IEEE 802,11ax (180 MHz, MCS9, 99pc duly cycle) | WLAN | 6.54 | £9.6 |
| 10765 | AAC | IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) | WLAN | 8.54 | ±9.8 |
| 10766 | AAC | IEEE 802.11ax (180 MHz, MCS11, 99pc duty cycle) | WLAN | 8.51 | 8.8± |
| 10767 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 16 kHz) | 5G NR FR1 TOD | 7.99 | ±9.6 |
| 10768 | AAD | SG NR (CP-OFDM, 1 RB, 10MHz, QPSK, 15 kHz) | 5G NR FR1 TOD | 8.01 | ±9.6 |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15 kHz) | 5G NR FR1 TOO | 8.01 | ±9.6 |
| 10770 | DAA | 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 | AAD | 50 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.23 | ±9.6 |
| 10773 | OAA | 6G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.03 | ±9.6 |
| 10774 | AAD | 50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 69 NR FR1 TDD | 8.02 | ±9.8 |
| 10775 | AAD | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8,31 | -±9.6 |
| 10776 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 16 kHz) | 5G NR FR1 TDD | 8.30 | ±9.6 |
| 10777 | AAC | 6Q NR (CP-OFDM, 60% RB, 15MHz, QPSK, 15 kHz) | 56 NR FR1 TD0 | 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 |
| 10778 | AAC | 5G NA (CP-OFDM, 60% RB, 25 MHz, QPSK, 16 kHz) | 5G NR FA1 TOD | 8.42 | ±9.8 |
| 10780 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 50 NR FR1 TDD | 8.38 | ±9.6 |
| 10781 | AAD | 5Q NA (CP-OFDM, 50% R8, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ±9.6 |
| 10782 | AAD | 5G NR (CP-OFDM, 60% RB, 50 MHz, QPSK, 15 kHz) | 6G NR FR1 TOD | 8.43 | ±9.6 |
| 10783 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TOO | 8.31 | ±9.6 |
| 10784 | DAA DAA | 6G NR (CP-QFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 50 NR FRI TOD | B.29 | ±9.6 |
| 10786 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TOD | 8.40 8.35 | ±9.6 ±9.6 |
| 10787 | AAD | 5Q NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz) | 5G NR FRI TOD | 8.44 | ±9.8 |
| 10788 | AAD | 5Q NR (CP-OFDM, 100% RB, 25 WHz, QPSK, 15 KHz) | 5G NR FRI TOD | 8.39 | ±9.6 |
| 10789 | AAD | 6G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TOD | 6.37 | ±9.6 |
| 10790 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TOD | 8.39 | ±9.6 |
| 10791 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.83 | ±9.5 |
| 10792 | AAD | 5G NR (CP-OFDM, 1 R8, 10 MHz, QPSK, 30 kHz) | 6G NR FR1 TDD | 7.92 | ±9.8 |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.95 | ±9.6 |
| 10794 | AAD | 50 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TOO | 7.82 | ±9.6 |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.84 | ±9.6 |
| 10796 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FRI TOD | 7.82 | ±9.6 |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QP6K, 30 kHz) | 50 NR FR1 TDD | 8.01 | ±9.6 |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FRI TOD | 7.89 | ±9.6 |
| 10799 | AAD | 50 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 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 | 6G 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) | 50 NR FR1 TDD | 7.93 | ±9.6 |
| 10805 | AAO | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 8,34 | ±9.6 |
| 10806 | AAD | 5G NR (CP-OFOM, 50% RB, 16 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 8.37 | ±9.6 |
| 10809 | DAA | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FRI TOD | 8.34 | ±9.6 |
| 10810 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ±9.8 |
| 10812 | AAD | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FRI TOD | 6.35 | ±9.6 |
| 10817 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, OPSK, 30 kHz) | 5G NR FRI TOD | 8,35 | ±9.8 |
| 10818 | AAD | SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 50 NR FR1 TOD | 8.34 | ±9.6 |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 8.33 | ±9.6 |
| 10820 | AAD | 5G NR (CP-OFDM, 100% RB, 20MHz, 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 NA FRI TOD | 8.41 8.41 | ±9.6 |
| 10822 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz) | 6G NR FR1 TOD | 8.36 | ±9.6 |
| 10824 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 50 NR FRI TOD | 8.39 | ±9.6 |
| 10825 | AAD | 6G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FRI TOD | 8.41 | ±9.6 |
| 10823 | AAD | SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FRI TOD | 8.42 | ±9.6 |
| 10828 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 8.43 | ±9.6 |
| | | 1 | | 1 31,10 | 40.0 |

Certificate No: EX-7554_Jul22/2 Page 18 of 22

| MAD ADD | מוני | Rev | Communication System Name | Group | PAR (dB) | Unc E k = 2 |
|--|---------------|-----|---|---------------|-------------|---------------|
| 1883 AAD 50 MR (CP-OFDM, 1 RB, 15MHz, CPSK, 60 Mth) 50 MR FRI TDD 7.73 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 15MHz, CPSK, 60 Mth) 50 MR FRI TDD 7.74 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 20 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 20 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 20 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 20 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 RB, 50 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CP-OFDM, 1 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CPC-OFDM, 1 Mthz, CPSK, 60 Mth) 50 MR FRI TDD 7.76 ±9.6 1932 AAD 50 MR (CPC-OFDM, 1 Mthz, CPSK, 60 Mth) 50 Mthz, CPSK, 60 Mth) 50 Mthz, CPSK, 60 Mthz, CPSK, 60 Mthz) 50 Mthz, CPSK, 60 M | $\overline{}$ | _ | | | | |
| 1885 AAD 50 MR (CP OFDM, 1 RB, 15MM-C, OPEX, 60 MHz) | | _ | | | | |
| 10832 AAD SO ART (CPOFOM, 18R, 20MHz, OPEK, 60 MHz) | - | _ | , | | | |
| 18853 AAD SO NRI (CP-OPEN, 18), 26 MR, 26 MR, 60 MR) | | | | | | |
| 18685 AND SON NICCO-POPEM, 183, 30HHz, CPSK, 60 MHz) | _ | - | · · · · | | | |
| 1898 ADD SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, IT RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, 60 Mby SON NIC POPEM, SON RS, RS, SONHA; COPSK, SONHA) SON NIC POPEM, SON RS, RS, SONHA; COPSK, SONHA) SON NIC POPEM, SON RS, RS, SONHA; COPSK, SONHA) SON NIC POPEM, SON RS, SONHA; COPSK, SONHA) SON NIC POPE | | | | | | |
| 18987 AND 50 NIR (CP-OPOM, 1R.8, 50MHz, CPSK, 60 MHz) 50 NIR FRI TIDO 7.68 #9.6 | | AAD | · | | 7.70 | |
| 1899 AD SO NR (CP-OFDM, 1R9, S0MHz, OPSK, 60 MHz) | = | DAA | | | 7,68 | ±9.6 |
| 1994 ADS SO NR (CP-OFDM, 1 RB, 50MHz, OPSK, 60 MHz) | 10837 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz) | 50 NR FR1 TOD | 7.68 | ±9.6 |
| 1994 AAD SON RICE-FORM, 1 RB, 1004HE, OPSK, 50 NH2 SON RFR 1 TOD | 10839 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 80 kHz) | 5G NR FRI TDD | 7.70 | ±9.8 |
| 19844 ADS SAN RICP-OFEMS, 59% RB, 15MHz, OPSK, 50 MHz | 10840 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 80 kHz) | 5G NR FR1 TOO | 7.67 | ±9.6 |
| 1984 AAD SO NR (CP-CPGM, 50% Rg. 20MHz, CPSK, 50 MHz) | 10841 | AAD | 5G NR (CP-OFDM, 1 R8, 100 MHz, QPSK, 60 kHz) | 50 NR FR1 TDD | 7.71 | ±9.6 |
| 19856 AAD SO NR (CP-OPEN), 59% NR, 30MHZ, OPSK, 60 MHZ) | 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz) | SG NR FR1 TDD | 8.49 | ±9.6 |
| 10855 AAD 50 NR (CP-OPEN), 100% RB, 10MHz, OPSK, 60 MHz) 50 NR FRI TOD 8.34 19.8 10855 AAD 50 NR (CP-OPEN), 100% RB, 20MHz, OPSK, 60 MHz) 50 NR FRI TOD 8.36 19.8 10855 AAD 50 NR (CP-OPEN), 100% RB, 20MHz, OPSK, 60 MHz) 50 NR FRI TOD 8.37 42.6 10857 AAD 50 NR (CP-OPEN), 100% RB, 25 MHz, QPSK, 60 MHz) 50 NR FRI TOD 8.37 42.6 10858 AAD 50 NR (CP-OPEN), 100% RB, 25 MHz, QPSK, 60 MHz) 50 NR FRI TOD 8.36 49.8 10859 AAD 50 NR (CP-OPEN), 100% RB, 30 MHz, QPSK, 60 MHz) 50 NR (PR-TOD 8.36 49.8 10859 AAD 50 NR (CP-OPEN), 100% RB, 60 MHz, QPSK, 60 MHz) 50 NR (PR-TOD 8.34 49.8 10858 AAD 50 NR (CP-OPEN), 100% RB, 60 MHz, QPSK, 60 MHz) 50 NR (PR-TOD 8.34 49.8 10851 AAD 50 NR (CP-OPEN), 100% RB, 60 MHz, QPSK, 60 MHz) 50 NR (PR-TOD 8.41 49.8 10851 AAD 50 NR (CP-OPEN), 100% RB, 60 MHz, QPSK, 60 MHz) 50 NR (PR-TOD 8.41 49.8 10852 AAD 50 NR (CP-OPEN), 100% RB, 60 MHz, QPSK, 60 MHz) 50 NR (PR-TOD 8.41 49.8 10853 AAD 50 NR (CP-OPEN), 100% RB, 60 MHz, QPSK, 60 MHz) 50 NR PR-TITOD 8.47 49.8 10855 AAD 50 NR (CP-OPEN), 100% RB, 60 MHz, QPSK, 60 MHz) 50 NR PR-TITOD 8.47 49.8 10858 AAD 50 NR (CPT-OPEN), 100% RB, 100 MHz, QPSK, 60 MHz) 50 NR PR-TITOD 8.41 49.8 10858 AAD 50 NR (CPT-OPEN), 100% RB, 100 MHz, QPSK, 50 MHz) 50 NR PR-TITOD 5.80 49.8 10858 AAD 50 NR (CPT-OPEN), 100% RB, 100 MHz, QPSK, 50 MHz) 50 NR PR-TITOD 5.80 49.8 10859 AAE 50 NR (CPT-OPEN), 100% RB, 100 MHz, QPSK, 50 MHz) 50 NR PR-TITOD 5.80 49.8 10859 AAE 50 NR (CPT-OPEN), 100% RB, 100 MHz, QPSK, 100 MHz, 100 MHz, QPSK, 100 MHz, Q | 10844 | CAA | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TOD | 8.34 | ±9.6 |
| 10855 AAD 50 NR (CP-OPON, 100% NB, 15MHz, OPSK, 50 NHz) | 10846 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz) | 6G NR FR1 TOD | 8.41 | ±9.8 |
| 10855 AAD 60 NR (PC-PCPM, 1007-RB, 20MHz, CPSK, 60 NHz) 50 NR FRI TDD 8.37 4.9.8 10858 AAD 50 NR (PC-PCPM, 1007-RB, 20MHz, CPSK, 60 NHz) 50 NR FRI TDD 8.35 4.9.8 10859 AAD 50 NR (PC-PCPM, 1007-RB, 20MHz, CPSK, 60 NHz) 50 NR FRI TDD 8.35 4.9.8 10859 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.35 4.9.8 10859 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.36 4.9.8 10851 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.41 4.9.8 10851 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.41 4.9.8 10852 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.41 4.9.8 10852 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.41 4.9.8 10853 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.41 4.9.8 10853 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 60 NHz) 50 NR FRI TDD 8.41 4.9.8 10858 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 50 NHz) 50 NR FRI TDD 8.41 4.9.8 10858 AAD 50 NR (PC-PCPM, 1007-RB, 40 NHz, CPSK, 50 NHz) 50 NR FRI TDD 8.41 4.9.8 10858 AAD 50 NR (PC-PCPM, 1007-RB, 100 NHz, CPSK, 50 NHz) 50 NR FRI TDD 8.41 4.9.8 10870 AAE 50 NR (PC-PCPM, 1007-RB, 100 NHz, CPSK, 50 NHz) 50 NR FRI TDD 5.80 4.9.8 10870 AAE 50 NR (PC-PCPM, 1007-RB, 100 NHz, CPSK, 100 NHz) 50 NR FRI TDD 5.80 4.9.8 10870 AAE 50 NR (PC-PCPM, 1007-RB, 100 NHz, CPSK, 100 NHz) 50 NR FRI TDD 5.80 4.9.8 10870 AAE 50 NR (PC-PCPM, 1007-RB, 100 NHz, 100-AM, 120 NHz) 50 NR FRI TDD 5.80 4.9.8 10870 AAE 50 NR (PC-PCPM, 1007-RB, 100 NHz, 100-AM, 120 NHz) 50 NR FRI TDD 5.80 4.9.8 50 NR (PC-PCPM, 1007-RB, 100 NHz, 100 NHz, 100 NHz) 50 NR FRI TDD 5.75 4.9.8 50 NR F | | DAA | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz) | | • | |
| 10855 AAD 6G NR (CP-OFOM, 100% RB, 25MHz, OFSK, 60 MHz) SO NR FR1 TDD 8.35 49.8 | | _ | SG NR (CP-OFOM, 100% RB, 15 MHz, QPSK, 80 kHz) | | | |
| 10859 AAD 60 NR (CP-CPCM, 100% RB, 30 MHz, CPSK, 60 MHz) 50 NR FRI TOD 8.36 19.6 | | | | - | | |
| 10850 AAD GG NR (CP-GFDM, 100% RB, 40MHz, GPSK, 60 MHz) | | | | | | |
| 1986 AAD SG NR (CP-OFDM, 100% R8, 50MHz, CPSK, 60 WHz) SG NR FRI TOO 8.41 49.6 29.8 1988 AAD SG NR (CP-OFDM, 100% R8, 60 MHz, CPSK, 60 WHz) SG NR FRI TOO 8.40 29.8 1988 AAD SG NR (CP-OFDM, 100% R8, 60 MHz, CPSK, 60 WHz) SG NR FRI TOO 8.41 49.6 49.8 1988 AAD SG NR (CP-OFDM, 100% R8, 60 MHz, CPSK, 60 WHz) SG NR FRI TOD 8.41 49.6 49.8 1988 AAD SG NR (CP-OFDM, 100% R8, 60 MHz, CPSK, 60 WHz) SG NR FRI TOD 8.41 49.6 49.8 1988 AAD SG NR (CPT-OFDM, 100% R8, 100 MHz, CPSK, 50 WHz) SG NR FRI TOD 5.68 49.6 1988 AAD SG NR (CPT-OFDM, 100% R8, 100 MHz, CPSK, 30 WHz) SG NR FRI TOD 5.68 49.6 1988 AAD SG NR (CPT-OFDM, 100% R8, 100 MHz, CPSK, 120 WHz) SG NR FRI TOD 5.68 49.6 1988 AAE SG NR (CPT-OFDM, 100% R8, 100 MHz, CPSK, 120 WHz) SG NR FRI TOD 5.66 49.6 1987 AAE SG NR (CPT-OFDM, 107 R8, 100 MHz, 160 AM, 120 WHz) SG NR FRI TOD 5.75 49.8 1987 AAE SG NR (CPT-OFDM, 107 R8, 100 MHz, 160 AM, 120 WHz) SG NR FRI TOD 5.76 49.8 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 160 AM, 120 WHz) SG NR FRI TOD 5.75 49.6 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 160 AM, 120 WHz) SG NR FRI TOD 5.75 49.6 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 160 AM, 120 WHz) SG NR FRI TOD 5.75 49.6 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 160 AM, 120 WHz) SG NR FRI TOD 5.75 49.6 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 160 AM, 120 WHz) SG NR FRI TOD 6.51 29.8 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 60 AM, 120 WHz) SG NR FRI TOD 6.51 29.8 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 60 AM, 120 WHz) SG NR FRI TOD 7.79 49.8 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 60 AM, 120 WHz) SG NR FRI TOD 7.79 49.8 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 60 AM, 120 WHz) SG NR FRI TOD 7.79 49.8 1987 AAE SG NR (CPT-OFDM, 178, 100 WHz, 60 AM, 120 WHz) SG NR FRI TOD 7.79 49.8 1988 AAE SG NR (CPT-OFDM, 178, 100 WHz, 60 AM, 120 WHz) | | _ | | - | | |
| 1985 AAD SCI NR (CP-OFDM, 100% R8, 60MHz, CPSK, 60 Mtz) SCI NR FRI TOD 8.40 ±9.8 | | | | | | |
| 1985 AAD 65 NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 80 WHz) SG NR FRI TOD 8.41 29.6 10884 AAD SG NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 80 KHz) SG NR FRI TDD 8.37 29.5 10885 AAD SG NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 80 KHz) SG NR FRI TDD 8.41 29.6 10885 AAD SG NR (CPT-OFDM, 100% RB, 100 MHz, CPSK, 20 KHz) SG NR FRI TDD 5.58 29.8 10885 AAD SG NR (CPT-OFDM, 100% RB, 100 MHz, CPSK, 30 KHz) SG NR FRI TDD 5.58 29.8 10889 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, CPSK, 120 KHz) SG NR FRI TDD 5.56 29.8 10890 AAE SG NR (CPT-OFDM, 108, 100 MHz, CPSK, 120 KHz) SG NR FRI TDD 5.75 29.8 10870 AAE SG NR (CPT-OFDM, 108, 100 MHz, CPSK, 120 KHz) SG NR FRI TDD 5.76 29.8 10871 AAE SG NR (CPT-OFDM, 108, 100 MHz, 160 AM, 120 KHz) SG NR FRI TDD 5.75 29.8 10872 AAE SG NR (CPT-OFDM, 108, 100 MHz, 160 AM, 120 KHz) SG NR FRI TDD 5.75 29.8 10873 AAE SG NR (CPT-OFDM, 108, 100 MHz, 60 AM, 120 KHz) SG NR FRI TDD 5.75 29.8 10873 AAE SG NR (CPT-OFDM, 108, 100 MHz, 60 AM, 120 KHz) SG NR FRI TDD 5.75 29.8 10873 AAE SG NR (CPT-OFDM, 178, 100 MHz, 64 AM, 120 KHz) SG NR FRI TDD 5.75 29.8 10873 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 64 AM, 120 KHz) SG NR FRI TDD 6.85 29.8 60.87 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 64 AM, 120 KHz) SG NR FRI TDD 8.50 29.8 8.0 80.87 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 64 AM, 120 KHz) SG NR FRI TDD 7.78 49.8 80.97 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 64 AM, 120 KHz) SG NR FRI TDD 7.78 49.8 80.97 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 64 AM, 120 KHz) SG NR FRI TDD 7.78 49.8 80.97 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 64 AM, 120 KHz) SG NR FRI TDD 7.78 49.8 80.97 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 100 KHz) SG NR FRI TDD 7.78 49.8 80.97 AAE SG NR (CPT-OFDM, 100% RB, 100 MHz, 100 KHz) SG NR FRI TDD 8.90 49.8 80.97 49.8 80.97 49.8 80.97 49.8 80.97 49.8 8 | | | | | | |
| 10885 AAD SG NR (CP-OFDM, 100% RB, 60 MHz, CPSK, 80 MHz) SG NR FRI TDD 8.97 49.6 | | | | | _ | |
| 10885 AAD SG NR (CP-GFOM, 188, 100 MHz, QPSK, 30 KHz) SG NR FRI TDD S. 4.9.8 4.9.8 10886 AAD SG NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 30 KHz) SG NR FRI TDD S. 5.8 4.9.8 10889 AAD SG NR (DFTs-OFDM, 100 W, RB, 100 MHz, QPSK, 30 KHz) SG NR FRI TDD S. 5.8 4.9.8 10889 AAE SG NR (OFTs-OFDM, 100 W, RB, 100 MHz, QPSK, 120 KHz) SG NR FRI TDD S. 7.6 4.9.8 10870 AAE SG NR (DFTs-OFDM, 100 W, RB, 100 MHz, QPSK, 120 KHz) SG NR FRI TDD S. 7.6 4.9.8 10871 AAE SG NR (DFTs-OFDM, 100 W, RB, 100 MHz, 100 KHz) SG NR FRI TDD S. 7.5 4.9.8 10872 AAE SG NR (DFTs-OFDM, 100 W, RB, 100 MHz, 100 KHz) SG NR FRI TDD S. 7.5 4.9.8 10872 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 160 AM, 120 kHz) SG NR FRI TDD S. 7.5 4.9.8 10872 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 100 KHz, 100 KHz) SG NR FRI TDD S. 5.1 4.9.8 10873 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 100 KHz, 100 KHz) SG NR FRI TDD S. 5.1 4.9.8 10875 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, GAOAM, 120 kHz) SG NR FRI TDD S. 5.5 4.9.8 10876 AAE SG NR (CP-OFDM, 100 W, RB, 100 MHz, GPSK, 120 kHz) SG NR FRI TDD S. 5.5 4.9.8 10876 AAE SG NR (CP-OFDM, 100 W, RB, 100 MHz, GPSK, 120 kHz) SG NR FRI TDD S. 3.9 4.9.6 10877 AAE SG NR (CP-OFDM, 100 W, RB, 100 MHz, GPSK, 120 kHz) SG NR FRI TDD S. 3.9 4.9.6 10877 AAE SG NR (CP-OFDM, 100 W, RB, 100 MHz, GPSK, 120 kHz) SG NR FRI TDD S. 3.9 4.9.6 10878 AAE SG NR (CP-OFDM, 100 W, RB, 100 MHz, GPSK, 120 kHz) SG NR FRI TDD S. 3.9 4.9.6 10878 AAE SG NR (CP-OFDM, 100 W, RB, 100 MHz, 100 | | _ | | | | $\overline{}$ |
| 10885 AAD 50 NR (DFT4-OFDM, 100% RB, 100MHz, QPSK, 30 Nt2) 5G NR FRI TOD 5.68 49.6 | | | | | | |
| 10888 AAD SG NR (DFTs-OFDM, 109%, RB, 100MHz, QPSK, 20 MHz) SG NR FRI TOD S.89 ±9.8 10888 ARE SG NR (DFTs-OFDM, 109%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10871 ARE SG NR (DFTs-OFDM, 109%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10871 ARE SG NR (DFTs-OFDM, 109%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10872 ARE SG NR (DFTs-OFDM, 109%, RB, 100MHz, 160AM, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10872 ARE SG NR (DFTs-OFDM, 109%, RB, 100MHz, 160AM, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10873 ARE SG NR (DFTs-OFDM, 109%, RB, 100MHz, 160AM, 120 MHz) SG NR FRZ TDD S.52 ±9.8 10874 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, 160AM, 120 MHz) SG NR FRZ TDD S.55 ±9.8 10875 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD S.55 ±9.8 10876 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD 7.79 ±9.8 10876 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD S.99 ±9.6 10877 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD S.99 ±9.6 10877 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, QPSK, 120 MHz) SG NR FRZ TDD S.99 ±9.6 10878 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, 120 MHz) SG NR FRZ TDD S.99 ±9.6 10878 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, 120 MHz) SG NR FRZ TDD S.75 ±9.6 10878 ARE SG NR (DFTs-OFDM, 100%, RB, 100MHz, 120 MHz) SG NR FRZ TDD S.75 ±9.6 10880 ARE SG NR (DFTs-OFDM, 100%, RB, 50MHz, 120 MHz) SG NR FRZ TDD S.75 ±9.6 10880 ARE SG NR (DFTs-OFDM, 100%, RB, 50MHz, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10880 ARE SG NR (DFTs-OFDM, 100%, RB, 50MHz, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10880 ARE SG NR (DFTs-OFDM, 100%, RB, 50MHz, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10880 ARE SG NR (DFTs-OFDM, 100%, RB, 50MHz, 120 MHz) SG NR FRZ TDD S.75 ±9.8 10880 ARE SG NR (DFTs-OFDM, 100%, RB, 50MHz, 120 MHz) | | | | | 4 | |
| 10879 AAE SG NR (DFT-2-OFDM, 108, 100MHz, DPSK, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10870 AAE SG NR (DFT-3-OFDM, 100% RB, 100 MHz, DPSK, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10872 AAE SG NR (DFT-3-OFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10872 AAE SG NR (DFT-3-OFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.52 ±9.8 10873 AAE SG NR (DFT-3-OFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.52 ±9.8 10874 AAE SG NR (DFT-3-OFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.55 ±9.8 10875 AAE SG NR (DFT-3-OFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.55 ±9.8 10876 AAE SG NR (DFT-3-OFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.55 ±9.8 10876 AAE SG NR (DF-0-DFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10876 AAE SG NR (DF-0-DFDM, 100% RB, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.79 ±9.6 10876 AAE SG NR (DF-0-DFDM, 18B, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.99 ±9.6 10876 AAE SG NR (DF-0-DFDM, 18B, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.99 ±9.6 10880 AAE SG NR (DF-0-DFDM, 18B, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.91 ±9.6 10880 AAE SG NR (DF-0-DFDM, 18B, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.12 ±9.6 10880 AAE SG NR (DF-0-DFDM, 18B, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.12 ±9.6 10881 AAE SG NR (DF-0-DFDM, 18B, 100 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10883 AAE SG NR (DFT-0-DFDM, 18B, 50 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10883 AAE SG NR (DFT-0-DFDM, 18B, 50 MHz, L60AM, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10883 AAE SG NR (DFT-0-DFDM, 18B, 50 MHz, 100AM, 120 MHz) SG NR FR2 TDD S.75 ±9.8 10883 AAE SG NR (DFT-0-DFDM, 18B, 50 MHz, 100AM, 120 MHz) SG NR FR2 TDD S.63 ±9.6 10884 AAE SG NR (DFT-0-DFDM, 18B, 50 MHz, 100AM, 120 MHz) SG NR FR2 TDD S.63 ±9.8 10886 AAE SG NR (DFT-0-DF | | ł | | | | |
| 10870 AAE SG NR (DFT+-OFDM, 10% RB, 100 MHz, DPSK, 120 NHz) SG NR FR2 TDD S. 86 ±9.8 10871 AAE SG NR (DFT+-OFDM, 1 RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD S. 575 ±9.8 10873 AAE SG NR (DFT+-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD S. 52 ±9.8 10873 AAE SG NR (DFT+-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD S. 52 ±9.8 10873 AAE SG NR (DFT+-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz) SG NR FR2 TDD S. 51 ±9.8 10875 AAE SG NR (DFT+-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz) SG NR FR2 TDD S. 55 ±9.8 10876 AAE SG NR (DFT-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD S. 50 NR FR2 TDD 7.78 ±9.8 10876 AAE SG NR (DF-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD S. 99 ±9.6 10876 AAE SG NR (DF-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD 7.95 ±9.6 10876 AAE SG NR (DF-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD S. 99 ±9.6 10876 AAE SG NR (DF-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz) SG NR FR2 TDD SG NR | | | | | | |
| 10871 AAE SG NR DFT-9-OFDM, 1 R8, 100 MHz, 160AM, 120 MHz) SG NR FR2 TDD S.75 ±9.6 10872 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 160AM, 120 MHz) SG NR FR2 TDD S.52 ±9.8 10873 AAE SG NR OFT-9-OFDM, 188, 100 MHz, 460AM, 120 MHz) SG NR FR2 TDD S.51 ±9.8 10874 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 640AM, 120 MHz) SG NR FR2 TDD S.55 ±9.8 10875 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 640AM, 120 MHz) SG NR FR2 TDD S.58 ±9.8 10876 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 20 MHz) SG NR FR2 TDD S.79 ±9.8 10877 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 20 MHz) SG NR FR2 TDD S.39 ±9.6 10876 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 20 MHz) SG NR FR2 TDD S.39 ±9.6 10876 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 20 MHz) SG NR FR2 TDD S.79 ±9.8 10878 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 20 MHz) SG NR FR2 TDD S.79 ±9.6 10880 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 20 MHz) SG NR FR2 TDD S.71 ±9.6 10880 AAE SG NR OFT-9-OFDM, 100% R8, 100 MHz, 20 MHz) SG NR FR2 TDD S.72 ±9.6 10881 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.75 ±9.6 10884 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.75 ±9.6 10884 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.75 ±9.6 10885 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.75 ±9.6 10884 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.75 ±9.6 10884 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.63 ±9.6 10885 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.63 ±9.6 10885 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.63 ±9.6 10885 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.63 ±9.6 10885 AAE SG NR OFT-9-OFDM, 100% R8, 50 MHz, 20 MHz) SG NR FR2 TDD S.6 | | | · · · · · · · · · · · · · · · · · · · | | | |
| 10872 AAE SG NR (DFT-6-OFDM, 100% RB, 100MHz, 16QAM, 120 kHz) SG NR FR2 TDD 6.52 ±9.6 10873 AAE SG NR (DFT-6-OFDM, 100% RB, 100MHz, 64QAM, 120 kHz) SG NR FR2 TDD 6.51 ±9.8 10875 AAE SG NR (DFT-6-OFDM, 100% RB, 100MHz, 64QAM, 120 kHz) SG NR FR2 TDD 7.78 ±9.8 10875 AAE SG NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120 kHz) SG NR FR2 TDD 7.78 ±9.8 10876 AAE SG NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120 kHz) SG NR FR2 TDD 7.78 ±9.8 10877 AAE SG NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120 kHz) SG NR FR2 TDD 7.95 ±9.6 10877 AAE SG NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120 kHz) SG NR FR2 TDD 7.95 ±9.6 10878 AAE SG NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120 kHz) SG NR FR2 TDD 7.95 ±9.6 10878 AAE SG NR (CP-OFDM, 100% RB, 100MHz, 40AM, 120 kHz) SG NR FR2 TDD 8.41 ±9.8 10880 AAE SG NR (CP-OFDM, 100% RB, 100MHz, 84QAM, 120 kHz) SG NR FR2 TDD 8.41 ±9.8 10880 AAE SG NR (CP-OFDM, 100% RB, 100MHz, 84QAM, 120 kHz) SG NR FR2 TDD 8.38 ±9.8 10881 AAE SG NR (CP-GPOM, 1 RB, 50MHz, 0PSK, 120 kHz) SG NR FR2 TDD 8.38 ±9.8 10883 AAE SG NR (CPF-4-OFDM, 100% RB, 50MHz, 0PSK, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10883 AAE SG NR (CPF-4-OFDM, 100% RB, 50MHz, 0PSK, 120 kHz) SG NR FR2 TDD 5.95 ±9.6 10883 AAE SG NR (CPF-4-OFDM, 100% RB, 50MHz, 180AM, 120 kHz) SG NR FR2 TDD 5.95 ±9.6 10883 AAE SG NR (CPF-4-OFDM, 100% RB, 50MHz, 180AM, 120 kHz) SG NR FR2 TDD 5.65 ±9.8 10886 AAE SG NR (CPF-4-OFDM, 100% RB, 50MHz, 180AM, 120 kHz) SG NR FR2 TDD 5.65 ±9.8 10886 AAE SG NR (CPF-4-OFDM, 100% RB, 50MHz, 180AM, 120 kHz) SG NR FR2 TDD 6.65 ±9.8 10886 AAE SG NR (CP-0-OFDM, 100% RB, 50MHz, 180AM, 120 kHz) SG NR FR2 TDD 5.68 ±9.6 10886 AAE SG NR (CP-0-OFDM, 100% RB, 50MHz, 0PSK, 120 kHz) SG NR FR2 TDD 5.68 ±9.8 10886 AAE SG NR (CP-0-OFDM, 100% RB, 50MHz, 0PSK, 120 kHz) SG NR FR2 TDD 5.68 ±9.8 10886 AAE SG NR (CP-0-OFDM, 1RB, 50M | | | | | | - |
| 10873 AAE 5G NR (DFTs-OFDM, 1 RB, 100MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.55 ±9.8 10874 AAE 5G NR (DFTs-OFDM, 100% RB, 100MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.55 ±9.8 10875 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, 04QAM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.8 10876 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 7.85 ±9.6 10878 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 7.85 ±9.6 10879 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.11 ±9.6 10879 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10881 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 120 kHz) 5G NR FR2 TDD 5.88 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 160AM, 120 kHz) 5G NR FR2 TDD 5.89 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.81 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.83 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.83 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.83 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.63 ±9.6 10887 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.63 ±9.6 10888 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.63 ±9.6 10889 AAE 5G NR (DFTs-OFDM, 1 RB, 50MHz, 100AM, 120 kHz) 5G NR FR2 TDD 5.63 ±9.6 10889 AAE 5G NR (DFTs-OFDM | | - | | | | |
| 10874 AAE 5G NR DFTs-OFDM, 109% RB, 100MHz, 64OAM, 120 kHz) SG NR FR2 TDD 8.85 49.8 10875 AAE 5G NR CP-OFDM, 109% RB, 100MHz, CPSK, 120 kHz) SG NR FR2 TDD 3.99 49.6 10876 AAE 5G NR CP-OFDM, 109% RB, 100MHz, CPSK, 120 kHz) SG NR FR2 TDD 7.78 49.8 10877 AAE 5G NR CP-OFDM, 109% RB, 100MHz, 120 kHz) SG NR FR2 TDD 7.95 49.6 10878 AAE 5G NR CP-OFDM, 109% RB, 100MHz, 120 kHz) SG NR FR2 TDD 7.95 49.6 10879 AAE 5G NR CP-OFDM, 188, 100MHz, 120AM, 120 kHz) SG NR FR2 TDD 8.41 49.8 10880 AAE 5G NR CP-OFDM, 109% RB, 100 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 8.12 49.6 10881 AAE 5G NR CP-OFDM, 188, 50 MHz, 0FSK, 120 kHz) SG NR FR2 TDD 8.38 49.8 10881 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 0FSK, 120 kHz) SG NR FR2 TDD 5.75 49.6 10882 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 0FSK, 120 kHz) SG NR FR2 TDD 5.75 49.6 10883 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 0FSK, 120 kHz) SG NR FR2 TDD 5.75 49.8 10884 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 160AM, 120 kHz) SG NR FR2 TDD 6.67 49.8 10885 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 6.67 49.8 10886 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 6.65 49.8 10886 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 6.65 49.8 10886 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 6.65 49.8 10887 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 6.85 49.8 10888 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 6.85 49.8 10889 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 84OAM, 120 kHz) SG NR FR2 TDD 8.95 10889 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 180AM, 120 kHz) SG NR FR2 TDD 8.85 49.8 10889 AAE 5G NR CDFTs-OFDM, 188, 50 MHz, 180AM, 120 kHz) SG NR FR2 TDD 8.85 49.8 10889 AAE 5G NR CDFTS-OFD | _ | | | | | $\overline{}$ |
| 10875 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 120 KHz) SG NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 KHz) SG NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 18, 18, 100 MHz, QPSK, 120 KHz) SG NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 18, 100 MHz, 180 AM, 120 KHz) SG NR FR2 TDD 8.41 ±9.6 10879 AAE 5G NR (CP-OFDM, 18, 100 MHz, 180 AM, 120 KHz) SG NR FR2 TDD 8.41 ±9.6 10880 AAE 5G NR (CP-OFDM, 188, 100 MHz, 840 AM, 120 KHz) SG NR FR2 TDD 8.38 ±9.8 10881 AAE 5G NR (CP-OFDM, 187, 50 MHz, QPSK, 120 KHz) SG NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT±-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz) SG NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT±-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz) SG NR FR2 TDD 5.98 ±9.6 10883 AAE 5G NR (DFT±-OFDM, 188, 50 MHz, 180 AM, 120 KHz) SG NR FR2 TDD 5.98 ±9.6 10884 AAE 5G NR (DFT±-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz) SG NR FR2 TDD 5.98 ±9.6 10885 AAE 5G NR (DFT±-OFDM, 100% RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 6.57 ±9.8 10885 AAE 5G NR (DFT±-OFDM, 100% RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 6.57 ±9.8 10886 AAE 5G NR (DFT±-OFDM, 100% RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 6.51 ±9.8 10887 AAE 5G NR (DFT±-OFDM, 100% RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 6.61 ±9.8 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 6.85 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 6.85 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 6.85 ±9.6 10890 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 5.86 ±9.6 10891 AAE 5G NR (DFT±-OFDM, 1 RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 5.86 ±9.6 10893 AAE 5G NR (DFT±-OFDM, 1 RB, 50 MHz, 40 AM, 120 KHz) SG NR FR2 TDD 5.86 ±9.6 10890 AAE 5G NR (DF | | | | | | |
| 10877 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 18QAM, 120 KHz) 5G NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 18QAM, 120 KHz) 5G NR FR2 TDD 8.41 ±9.8 10880 AAE 5G NR (CP-OFDM, 189, 100 MHz, 84QAM, 120 KHz) 5G NR FR2 TDD 8.12 ±9.8 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 84QAM, 120 KHz) 5G NR FR2 TDD 8.38 ±9.8 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 5.75 ±9.8 10882 AAE 5G NR (DFF3-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 5.98 ±9.6 10883 AAE 5G NR (DFF3-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 5.98 ±9.6 10883 AAE 5G NR (DFF3-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 6.67 ±9.8 10884 AAE 5G NR (DFF3-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 6.67 ±9.8 10885 AAE 5G NR (DFF3-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 6.67 ±9.8 10886 AAE 5G NR (DFF3-OFDM, 100% RB, 50 MHz, 64OAM, 120 KHz) 5G NR FR2 TDD 6.61 ±9.8 10887 AAE 5G NR (DF73-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 6.65 ±9.8 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 0FSK, 120 KHz) 5G NR FR2 TDD 6.85 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 6.85 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 7.78 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 7.78 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.03 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 30 KHz) 5G NR FR2 TDD | | AAE | | SG NR FR2 TDD | 7.78 | ±9.8 |
| 10876 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 18QAM, 120 kHz) 5G NR FR2 TOD 8.41 ±9.6 10870 AAE 5G NR (CP-OFDM, 1 R9, 100MHz, 64QAM, 120 kHz) 5G NR FR2 TOD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 1 R9, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TOD 8.13 ±9.8 10881 AAE 5G NR (DFFs-OFDM, 1 R9, 50 MHz, CPSK, 120 kHz) 5G NR FR2 TOD 5.75 ±9.8 10882 AAE 5G NR (DFFs-OFDM, 1 R9, 50 MHz, CPSK, 120 kHz) 5G NR FR2 TOD 5.75 ±9.8 10882 AAE 5G NR (DFFs-OFDM, 1 R9, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TOD 5.98 ±9.6 10883 AAE 5G NR (DFFs-OFDM, 1 R9, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TOD 5.67 ±9.8 10885 AAE 5G NR (DFFs-OFDM, 1 R9, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TOD 6.67 ±9.8 10885 AAE 5G NR (DFFs-OFDM, 1 R9, 50 MHz, 640AM, 120 kHz) 5G NR FR2 TOD 6.61 ±9.8 10885 AAE 5G NR (DFFs-OFDM, 1 R9, 50 MHz, 640AM, 120 kHz) 5G NR FR2 TOD 6.61 ±9.8 10886 AAE 5G NR (DFPs-OFDM, 1 R9, 50 MHz, 640AM, 120 kHz) 5G NR FR2 TOD 6.61 ±9.8 10886 AAE 5G NR (DP-OFDM, 1 R9, 50 MHz, 640AM, 120 kHz) 5G NR FR2 TOD 6.65 ±9.8 10889 AAE 5G NR (CP-OFDM, 100% R8, 50 MHz, 20 KHz) 5G NR FR2 TOD 6.85 ±9.5 10889 AAE 5G NR (CP-OFDM, 100% R8, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TOD 6.85 ±9.5 10889 AAE 5G NR (CP-OFDM, 100% R8, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TOD 8.35 ±9.5 10889 AAE 5G NR (CP-OFDM, 100% R8, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TOD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz) 5G NR FR2 TOD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz) 5G NR FR2 TOD 8.41 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz) 5G NR FR2 TOD 8.41 ±9.6 10893 AAB 5G NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz) 5G NR FR1 TOD 5.66 ±9.6 10893 AAB 5G NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz) 5G NR FR1 TOD 5.66 ±9.6 10893 AAB 5G NR (DFFs-OFDM, 1 R8, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TOD 5.68 ±9.6 108 | 10876 | AAE | | SG NR FR2 TDD | 8.39 | ±9.6 |
| T0879 AAE SG NR (CP-OFDM, 1 RB, 100 MHz, 84QAM, 120 kHz) SG NR FR2 TDD 8.12 ±9.6 | 10877 | AAE | 6G NR (CP-OFDM, 1 R8, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ±9.6 |
| 10880 AAE 50 NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 50 NR FR2 TDD 8.38 ±9.8 10881 AAE 50 NR (DFT4-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 50 NR FR2 TDD 5.75 ±9.8 10882 AAE 50 NR (DFT4-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 50 NR FR2 TDD 5.98 ±9.6 10883 AAE 50 NR (DFT4-OFDM, 1 RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 6.67 ±9.8 10884 AAE 50 NR (DFT4-OFDM, 1 NR, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 6.63 ±9.8 10885 AAE 50 NR (DFT4-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 6.63 ±9.8 10885 AAE 50 NR (DFT4-OFDM, 100% RB, 50 MHz, 20AM, 120 kHz) 50 NR FR2 TDD 6.65 ±9.8 10886 AAE 50 NR (DFT4-OFDM, 100% RB, 50 MHz, 20AM, 120 kHz) 50 NR FR2 TDD 6.65 ±9.8 10887 AAE 50 NR (DFT4-OFDM, 100% RB, 50 MHz, 20 KHz) 50 NR FR2 TDD 7.78 ±9.8 10888 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 20FSK, 120 kHz) 50 NR FR2 TDD 7.78 ±9.8 10889 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 20FSK, 120 kHz) 50 NR FR2 TDD 8.35 ±9.6 10889 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 8.35 ±9.6 10889 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 8.40 ±9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 8.40 ±9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 8.40 ±9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 8.40 ±9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 8.40 ±9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 100AM, 120 kHz) 50 NR FR2 TDD 8.41 ±9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 20 KHz) 50 NR FR2 TDD 8.40 ±9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, 20 KHz) 50 NR FR2 TDD 5.60 ±9.6 10880 AAE 50 NR (CP-OFDM, 100 NR, 50 MHz, 20 NR | 10878 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 18QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ±9.6 |
| 10881 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.98 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.98 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 118, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.67 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 118, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.63 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 118, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.63 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 118, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.8 10886 AAE 5G NR (DFT-s-OFDM, 118, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.8 10887 AAE 5G NR (DFT-s-OFDM, 118, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.77 | 10879 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TOD | 8.12 | ±9.6 |
| 10882 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 5.98 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.67 ±9.8 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.63 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.8 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.8 10887 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 0 CM+z) 5G NR FR2 TDD 7.78 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 0 CM+z) 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 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10893 AAB 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10894 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10895 AAB 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±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, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 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 10909 AAB 5G NR (DFT-s-OFDM, 1 RB | 10880 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | | | |
| 10883 AAE SG NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) SG NR FR2 TDD 6.67 ±9.8 10885 AAE SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 19QAM, 120 kHz) SG NR FR2 TDD 6.63 ±9.8 10885 AAE SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) SG NR FR2 TDD 6.65 ±9.8 10886 AAE SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) SG NR FR2 TDD 6.65 ±9.8 10887 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) SG NR FR2 TDD 7.78 ±9.6 10888 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) SG NR FR2 TDD 8.35 ±9.6 10889 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) SG NR FR2 TDD 8.02 ±9.6 10890 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) SG NR FR2 TDD 8.40 ±9.8 10891 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) SG NR FR2 TDD 8.40 ±9.8 10892 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) SG NR FR2 TDD 8.41 ±9.6 10893 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) SG NR FR2 TDD 8.41 ±9.6 10894 AAE SG NR (CP-OFDM, 18 B, 50 MHz, 84QAM, 120 kHz) SG NR FR2 TDD 8.41 ±9.6 10895 AAE SG NR (DFT-8-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.66 ±9.6 10896 AAE SG NR (DFT-8-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.66 ±9.6 10897 AAC SG NR (DFT-8-OFDM, 1 RB, 15 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.66 ±9.6 10890 AAB SG NR (DFT-8-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.68 ±9.6 10900 AAB SG NR (DFT-8-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.68 ±9.6 10901 AAB SG NR (DFT-8-OFDM, 1 RB, 40 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.68 ±9.6 10902 AAB SG NR (DFT-8-OFDM, 1 RB, 40 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.68 ±9.6 10903 AAB SG NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.68 ±9.6 10904 AAB SG NR (DFT-8-OFDM, 1 RB, 80 MHz, 0PSK, 30 kHz) SG NR FR1 TDD 5.68 ±9.6 10905 AAB SG NR (DFT-8-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) SG NR FR1 T | 10881 | AAE | | <u> </u> | | $\overline{}$ |
| 10884 AAE 5G NR (DFT-9-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10885 AAE 5G NR (DFT-9-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10885 AAE 5G NR (DFT-9-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10887 AAE 6G NR (DFT-9-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10887 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10888 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 6G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 6G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 6G NR (CP-OFDM, 100% RB, 50 MHz, 180AM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 10881 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 10882 AAE 5G NR (CP-OFDM, 188, 50 MHz, 84QAM, 120 kHz) 10883 AAE 5G NR (CP-OFDM, 188, 50 MHz, 84QAM, 120 kHz) 10884 AAE 5G NR (CP-OFDM, 188, 50 MHz, 84QAM, 120 kHz) 10885 AAB 5G NR (CP-OFDM, 188, 50 MHz, 84QAM, 120 kHz) 10886 AAE 5G NR (CP-OFDM, 188, 50 MHz, 84QAM, 120 kHz) 10887 AAC 5G NR (DFT-9-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10898 AAB 5G NR (DFT-9-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 10899 AAB 5G NR (DFT-9-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-9-OFDM, 1 RB, 20 MHz, | | _ | | | | |
| 10885 AAE 5G NR (DFT-6-OFDM, 1 RB, 50 MHz, 84OAM, 120 KHz) 10886 AAE 6G NR (DFT-5-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10887 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10888 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 kHz) 10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 kHz) 10890 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 kHz) 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10894 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10895 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10896 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10897 AAC 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 10899 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10901 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10902 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10906 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10907 AAC 5G NR FRI TDD 5.68 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.68 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.68 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.68 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.68 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.89 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI T | | | | | | |
| 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 180AM, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 180AM, 120 kHz) 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 180AM, 120 kHz) 10891 AAE 5G NR (CP-OFDM, 18, 50 MHz, 180AM, 120 kHz) 10891 AAE 5G NR (CP-OFDM, 18, 50 MHz, 84QAM, 120 kHz) 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10894 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10895 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10896 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10800 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 10907 AAC 5G NR FR1 TDD 5.68 19.6 10908 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 19.6 10907 AAC 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 19.6 10908 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.89 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.89 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.89 19.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.99 19.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 3 | | _ | | | | |
| 10987 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 6G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10881 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 840AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAB 5G NR (DFTs-OFDM, 1 RB, 6 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFTs-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFTs-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8 10900 AAB 6G NR (DFTs-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFTs-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFTs-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.99 ±9.8 | | _ | | | | |
| 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.8 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 840AM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 840AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR2 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10900 AAB 6G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 | _ | _ | | | | |
| 10899 AAE 5G NR (CP-OFOM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TOD 8.02 ±9.6 10890 AAE 5G NR (CP-OFOM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TOD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.89 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.99 ±9.6 | _ | _ | | | _ | |
| 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16OAM, 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-6-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.8 10899 AAB 5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-6-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 T | | _ | , | | | |
| 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFT-6-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 6G NR FR1 TDD 5.87 ±9.8 10899 AAB 5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.8 10900 AAB 5G NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-6-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-6-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8 10904 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 1090 | | _ | | | | |
| 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFT-8-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-8-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.8 10900 AAB 5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 109 | _ | _ | | | | |
| 10887 AAC 5G NR (DFT-8-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-8-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.6 10899 AAB 5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.8 10900 AAB 5G NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8 10901 AAB 5G NR (DFT-6-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-6-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 | | + | | | | |
| 10888 AAB 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 ±9.8 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 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 ±9.8 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 109 | | _ | | | _ | |
| 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ±9.8 10900 AAB 6Q NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 6Q NR FR1 TDD 5.88 ±9.8 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 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 10908 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, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 1 | | - | | | | |
| 10900 AAB 5G NR (DFTs-OFDM, 1 R8, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFTs-OFDM, 1 R8, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFTs-OFDM, 1 R8, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.5 10903 AAB 5G NR (DFTs-OFDM, 1 R8, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFTs-OFDM, 1 R8, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFTs-OFDM, 1 R8, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFTs-OFDM, 1 R8, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFTs-OFDM, 50% R8, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFTs-OFDM, 50% R8, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 50% R8, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 50% R8, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD | | _ | | | | |
| 10801 AAB 5G NR (DFTs-OFDM, 1 RB, 26MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFTs-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFTs-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFTs-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 | | | | | | |
| 10902 AAB 5G NR (DFF-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.5 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.08 ±9.6 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 ±9.6 10907 AAC 5G NR (DFT-8-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 | | | | | | |
| 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 ±9.6 10907 AAC 5G NR (DFT-8-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 | | _ | | | | _ |
| 10904 AAB 5G NR (OFT-8-OFDM, 1 RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.88 ±9.8 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 ±9.6 10907 AAC 5G NR (DFT-8-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6 | | | | 5G NR FR1 TDO | 5.68 | \$.8± |
| 10905 AAB 5G NR (DFT-s-OFDM, 1 R8, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 1 R8, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% R8, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% R8, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% R8, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6 | | _ | | 5G NR FR1 TDD | 5.68 | £9.8 |
| 10907 AAC 5G NR (DFT-8-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6 | | _ | | 5G NR FR1 TOD | 5,68 | ±9.6 |
| 10 908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10 909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6 | 10908 | AAB | 5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5,68 | ±9.6 |
| 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6 | 10907 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 5.78 | £9.6 |
| | 10908 | AA8 | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz) | | | _ |
| 10910 AAB 5G NR (DFT-9-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.83 ±9.6 | 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) | _ | | ±9.6 |
| | 10910 | AAB | 5G NR (DFT-9-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FRI TOD | 5.83 | ≐9.6 |

Certificate No: EX-7554_Jul22/2

Page 20 of 22

| 1991 A68 S.G. M. P. GET-OFF, SON SON R. S. SAME, CREX. 10 HH) | UID | Hev | Communication System Name | Gratin | DVD (4D) | Unc $^{E}k=2$ |
|--|---------------|-----|--|--|----------|---------------|
| 16919 AAB 06 PR OFFI-O-FORM, 500 FR, 9, 300 FR, 100 PR 150 PR 1 | | | | Group | PAR (dB) | |
| 19919 AAB 90 FR DFT-G-OFEN, 505-KR 9, ADMAY, CPSK, 305-KH 50 MR FRI TIOD 5.84 4.85 19915 AAB 50 FR DFT-G-OFEN, 505-KR 9, ADMAY, CPSK, 305-KH 50 MR FRI TIOD 5.84 4.85 19915 AAB 50 FR DFT-G-OFEN, 505-KR 9, ADMAY, CPSK, 305-KH 50 MR FRI TIOD 5.84 4.85 19917 AAB 60 FR DFT-G-OFEN, 505-KR 9, ADMAY, CPSK, 305-KH 50 MR FRI TIOD 5.84 4.85 19917 AAB 60 FR DFT-G-OFEN, 505-KR 9, ADMAY, CPSK, 305-KH 50 MR FRI TIOD 5.84 4.85 4.85 4.95 4 | | | | | | |
| 1881 A.B. SO AR DIFF-OFORM, 50% RR, 50MHz, CPSK, 30 MHz) SO AR RETITIO S. 38 48.8 | | | | | | |
| 19915 AAB SO AN (DIFF-OPEN) MOW RE, 80 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.83 5.86 19917 AAB SO AN (DIFF-OPEN) MOW RE, 80 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.86 19918 AAB SO ANY (DIFF-OPEN) MOW RE, 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19919 AAB SO ANY (DIFF-OPEN), 1998 R. 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19919 AAB SO ANY (DIFF-OPEN), 1090 R. 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19919 AAB SO ANY (DIFF-OPEN), 1090 R. 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19921 AAB SO ANY (DIFF-OPEN), 1090 R. 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19921 AAB SO ANY (DIFF-OPEN), 1090 R. 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO MHz, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO ANY (DIFF, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO ANY (DIFF, OPEN, 30 MHz) SO AN FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO ANY (DIFF, OPEN, 30 MHz) SO ANY (FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO ANY (DIFF, OPEN, 50 MHz) SO ANY (FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO ANY (DIFF, OPEN, 50 MHz) SO ANY (FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO ANY (DIFF, OPEN, 50 MHz) SO ANY (FRI TIDD 5.94 5.96 19922 AAB SO ANY (DIFF-OPEN), 1090 R. 10 SO ANY (DIFF, OPEN), 1090 R. 10 SO | 10914 | AAB | | | | |
| 19916 AAB SO NR IOFF-OFFEN, 50N RB, 50NHz, OPSK, 30Hz) | 10915 | AA8 | | | | _ |
| 19917 AAB SO NR (DFF-CPGM, 509K RB, 100 MHz, CPSK, 30 MHz) | 10916 | AA8 | | | | |
| 19919 AAS SO NR (DFT-4-OFEM, 1007-KR) 5-MEL, OPSK, 30 MEL) 50 NR FR1 TDD 5.58 9.5. | 10917 | AA8 | | | | |
| 1992 AAB \$6 NR (DFT-6 OFDM, 100% RB, 15MHz, OPSK, 10 MHz) \$50 NR FRI TIDD \$57 | 10918 | AAC | 5G NR (DFT-8-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | | | |
| 1992 AAB 25 NR (DFT-4-OFDM, 100% RB, 20MHz, OFSK, 30 MSV) | 10919 | AAB | 5G NR (DFT-s-OFDM, 100% R8, 10 MHz, QPSK, 30 kHz) | 6G NR FR1 TDD | 5.86 | |
| 19922 ABS SG NR (DFT-6-OFDM, 100% RB, 20MHz, OPSK, 20 MHz) SG NR FRI TOD 5.62 | 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | £9.6 |
| 1992 AAB SO NR (DFT-6-OFDM, 100% RB, 30MHz, OFSK, 30 MHz) | 10921 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 5.84 | ±9.6 |
| 19925 AAB SO NR (DFT-6-OFDM, 100K, RB, 40MHZ, OPSK, 20 MHZ) SO NR FRI TOD 5.94 ±6.8 19926 AAB SO NR (DFT-6-OFDM, 100K, RB, 50MHZ, OPSK, 20 MHZ) SO NR FRI TOD 5.94 ±6.8 19926 AAB SO NR (DFT-6-OFDM, 100K, RB, 60MHZ, OPSK, 20 MHZ) SO NR FRI TOD 5.94 ±6.8 19927 AAB SO NR (DFT-6-OFDM, 100K, 100K, 100K) SO NR FRI TOD 5.94 ±6.8 19927 AAB SO NR (DFT-6-OFDM, 100K, 100K, 100K) SO NR FRI TOD 5.94 ±6.8 19927 AAB SO NR (DFT-6-OFDM, 100K, 100K) SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.92 ±6.8 19928 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.92 ±6.8 19929 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.92 ±6.8 19921 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.92 ±6.8 19921 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.92 ±6.8 19922 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.91 ±6.8 19922 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.91 ±6.8 19922 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.91 ±6.8 19922 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.91 ±6.8 19923 AAC SO NR (DFT-6-OFDM, 100K, 100K) SO NR FRI TOD 5.91 ±6.8 19923 AAC SO NR (DFT-6-OFDM, 50K, 80K, 50KH, 100K) SO NR FRI TOD 5.91 ±6.8 19923 AAC SO NR (DFT-6-OFDM, 50K, 80K, 50KH, 100K) SO NR FRI TOD 5.90 ±6.8 19923 AAC SO NR (DFT-6-OFDM, 50K, 80K, 50KH, 100K) SO NR FRI TOD 5.90 ±6.8 19923 AAC SO NR (DFT-6-OFDM, 50K, 80K, 50KH, 100K) SO NR (DFT-6-OFDM, 50K, 80K, 50KH, 100K) SO NR FRI TOD 5.90 ±6.8 19923 AAC SO NR (DFT-6-OFDM, 50K, 80K, 50KH, 100K) SO NR (DFT-6-OFDM, 50KH, 100K) SO NR | 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 5.82 | ±9.6 |
| 19925 AAB SG NR IDPT=-OPEN_109X RB_SOMHZ, OPSX_109Mb; SG NR FRI TOD 5.95 4.9.6 19927 AAB SG NR IDPT=-OPEN_109X RB_SOMHZ, OPSX_109Mb; SG NR FRI TOD 5.94 4.9.6 19927 AAB SG NR IDPT=-OPEN_109X RB_SOMHZ, OPSX_109K1; SG NR FRI TOD 5.94 4.9.6 19928 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.52 4.9.6 19829 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.52 4.9.6 19831 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.52 4.9.6 19832 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.52 4.9.6 19833 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19833 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19834 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19835 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19835 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19835 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19835 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19835 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19835 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19835 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19836 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19839 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.51 4.9.6 19839 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.90 4.9.6 19839 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.90 4.9.6 19839 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; SG NR FRI FDD 5.90 4.9.6 19839 AAC SG NR IDPT=-OPEN_1 RB_SOMHZ, OPSX_15 Mb; | 10923 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz) | 5G NR FA1 TOD | 5.84 | ±9.6 |
| 19927 AAB SO NR (D'FE-OFDM, 1998, RB, SOMHZ, CPSK, 15 WIZ) | | AAB | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 5.84 | ±9.6 |
| 1992F AAB SO NR (DFF-CFDM, 109% RB, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.52 £9.8 1992B AAC SO NR (DFF-CFDM, 18 B, MHz, CPSK, 154Hz) SG NR FRI FOD 5.52 £9.8 1992B AAC SO NR (DFF-CFDM, 18 B, 10 MHz, CPSK, 154Hz) SG NR FRI FOD 5.52 £9.8 1993B AAC SO NR (DFF-CFDM, 18 B, 10 MHz, CPSK, 154Hz) SG NR FRI FOD 5.52 £9.8 1993B AAC SO NR (DFF-CFDM, 18 B, 10 MHz, CPSK, 154Hz) SG NR FRI FOD 5.52 £9.8 1993B AAC SO NR (DFF-CFDM, 18 B, 20 MHz, CPSK, 154Hz) SG NR FRI FOD 5.51 £9.6 1993B AAC SG NR (DFF-CFDM, 18 B, 20 MHz, CPSK, 154Hz) SG NR FRI FOD 5.51 £9.6 1993B AAC SG NR (DFF-CFDM, 18 B, 20 MHz, CPSK, 154Hz) SG NR FRI FOD 5.51 £9.6 1993B AAC SG NR (DFF-CFDM, 18 B, 20 MHz, CPSK, 154Hz) SG NR FRI FOD 5.51 £9.6 1993B AAC SG NR (DFF-CFDM, 18 B, 20 MHz, CPSK, 154Hz) SG NR FRI FOD 5.51 £9.8 1993B AAC SG NR (DFF-CFDM, 18 B, 20 MHz, CPSK, 154Hz) SG NR FRI FOD 5.51 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.51 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.57 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.57 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.50 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.52 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.80 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.80 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.80 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.80 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.80 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG NR FRI FOD 5.80 £9.8 1993B AAC SG NR (DFF-CFDM, 50 R, 80 MHz, CPSK, 154Hz) SG N | | | | 5G NR FR1 TOD | 5.95 | ±9.6 |
| 10929 AAC SO NR (D'FE-OFDM, T RB, TAMEL, OPSK, 15 Mtz) | | | | 50 NR FR1 TOO | 5.84 | ±9.6 |
| 1989 AAC 60 NR (DFTs-OFDM, 1 RB, 10MHz, OPSK, 15 HHz) 50 NR FR1 FDD 5.52 19.6 | | | | | | |
| 19930 AAC SG NR (DFF4-OFDM, 1 RB, 20 MHz, QPSK, 15 HHz) 5G NR FRI FDD 5.52 48.6 | | | | | | |
| 1993 AAC SG NR (DFTs-OFDM, 18R, 20MHz, DPSK, 15 MHz) SG NR FRI FDD S.51 4.9.6 | | _ | | | | |
| 10932 AAC SG NR (DFT-FOFEM, 1 RB, 25 MHz, CPSK, 15 MHz) SG NR FR1 FDD 5.51 49.6 | | | , | | | |
| 19933 AAC SG NR (DFT-9-OFDM, 1 RB, 30 MHz, QPSK, 15 MHz) SG NR FR1 FDD 5.51 49.6 | | | | | | |
| 19935 AAC SG NR (PFT-E-OFDM, 18B, 40MHz, OPSK, 15 Hz) SG NR FRI FDD 5.51 ±9.8 | | | | | | |
| 1995 AAD SG NR (DFT-6-OFDM, 198, 50MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.51 19.8 1993 AAC SG NR (DFT-6-OFDM, 50% RB, 10 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.77 19.8 1993 AAC SG NR (DFT-6-OFDM, 50% RB, 10 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.90 19.8 1993 AAC SG NR (DFT-6-OFDM, 50% RB, 16 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.90 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 16 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.80 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 20 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.82 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 20 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.89 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 30 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 30 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 40 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 40 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 50% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.85 19.8 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.84 29.6 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.84 29.6 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.84 29.6 1994 AAC SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.84 | | | | | | |
| 10936 AAC SG NR (DFT-e-OFDM, 50% RB, 5MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.90 49.8 10937 AAC SG NR (DFT-e-OFDM, 50% RB, 10 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.90 49.8 10938 AAC SG NR (DFT-e-OFDM, 50% RB, 10 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.90 49.8 10939 AAC SG NR (DFT-e-OFDM, 50% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.80 49.8 10930 AAC SG NR (DFT-e-OFDM, 50% RB, 25 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.80 49.8 10931 AAC SG NR (DFT-e-OFDM, 50% RB, 25 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.85 49.8 10934 AAC SG NR (DFT-e-OFDM, 50% RB, 30 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.85 49.8 10934 AAC SG NR (DFT-e-OFDM, 50% RB, 30 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.85 49.8 10934 AAC SG NR (DFT-e-OFDM, 50% RB, 50 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.85 49.8 10934 AAC SG NR (DFT-e-OFDM, 50% RB, 50 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.85 49.6 10934 AAC SG NR (DFT-e-OFDM, 50% RB, 50 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.81 49.6 10934 AAC SG NR (DFT-e-OFDM, 100% RB, 15 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.81 49.6 10934 AAC SG NR (DFT-e-OFDM, 100% RB, 15 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.81 49.6 10934 AAC SG NR (DFT-e-OFDM, 100% RB, 15 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.81 49.6 10934 AAC SG NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.82 49.8 10934 AAC SG NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.83 49.6 10934 AAC SG NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.87 49.8 10935 AAD SG NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.87 49.8 10936 AAC SG NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.87 49.8 10936 AAC SG NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.92 49.8 10936 AAC SG NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.92 49.8 | | _ | | | | |
| 1993 AAC SG NR (DFT4-OFDM, 50% RB, 10 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.77 ±9.8 19938 AAC SG NR (DFT4-OFDM, 50% RB, 16 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.90 ±9.8 19940 AAC SG NR (DFT4-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.82 ±9.8 19940 AAC SG NR (DFT4-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.82 ±9.8 19940 AAC SG NR (DFT4-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.82 ±9.8 19940 AAC SG NR (DFT4-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.8 19942 AAC SG NR (DFT4-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.8 19943 AAC SG NR (DFT4-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.6 19944 AAC SG NR (DFT4-OFDM, 50% RB, 60 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.6 19945 AAC SG NR (DFT4-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.6 19946 AAC SG NR (DFT4-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.8 19947 AAC SG NR (DFT4-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.83 ±9.8 19949 AAC SG NR (DFT4-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.83 ±9.8 19940 AAC SG NR (DFT4-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.83 ±9.8 19940 AAC SG NR (DFT4-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.84 ±9.6 19940 AAC SG NR (DFT4-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.84 ±9.8 19950 AAC SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 ±9.8 19950 AAC SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 ±9.8 19950 AAC SG NR (DFT4-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 ±9.8 19950 AAC SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 ±9.8 19950 AAC SG NR (DFT4-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 ±9.8 19950 AAC SG NR (DFT4-OFDM, 100% RB, 50 MHz, QPSK, 15 | $\overline{}$ | _ | | 1 | | _ |
| 10939 AAC SG NR (DFT4-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.90 4.9.8 10939 AAC SG NR (DFT4-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.82 4.9.8 10941 AAC SG NR (DFT4-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.83 4.9.8 10942 AAC SG NR (DFT4-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.83 4.9.8 10942 AAC SG NR (DFT4-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.83 4.9.8 10942 AAC SG NR (DFT4-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.85 4.9.8 10943 AAD SG NR (DFT4-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.95 4.9.6 10944 AAC SG NR (DFT4-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.95 4.9.6 10944 AAC SG NR (DFT4-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.95 4.9.6 10944 AAC SG NR (DFT4-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.95 4.9.6 10948 AAC SG NR (DFT4-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.93 4.9.6 10949 AAC SG NR (DFT4-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.93 4.9.6 10949 AAC SG NR (DFT4-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.93 4.9.6 10949 AAC SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 4.9.6 10949 AAC SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 4.9.6 10959 AAC SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 4.9.6 10959 AAC SG NR (DFT4-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.94 4.9.6 10959 AAA SG NR D (DF7-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.92 4.9.6 10959 AAA SG NR D (DF7-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.92 4.9.6 10959 AAA SG NR D (DF7-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.92 4.9.6 10959 AAA SG NR D (DF7-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) SG NR FRI FDD 5.92 4.9.6 10959 AAA SG NR D (DF7-OFDM | | | | | | |
| 10930 AAC SG NR (DFF1-OFDM, 50% RB, 26 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.82 49.8 10940 AAC SG NR (DFF1-OFDM, 50% RB, 25 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.83 49.8 10942 AAC SG NR (DFF1-OFDM, 50% RB, 26 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.83 49.8 10942 AAC SG NR (DFF1-OFDM, 50% RB, 30 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.85 49.8 10943 AAC SG NR (DFF1-OFDM, 50% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.85 49.8 10944 AAC SG NR (DFF1-OFDM, 50% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.85 49.8 10944 AAC SG NR (DFF1-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.81 49.6 10944 AAC SG NR (DFF1-OFDM, 100% RB, 10 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.81 49.6 10944 AAC SG NR (DFF1-OFDM, 100% RB, 10 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.81 49.6 10944 AAC SG NR (DFF1-OFDM, 100% RB, 15 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.81 49.6 10944 AAC SG NR (DFF1-OFDM, 100% RB, 15 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.81 49.6 10944 AAC SG NR (DFF1-OFDM, 100% RB, 25 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.82 49.8 10949 AAC SG NR (DFF1-OFDM, 100% RB, 25 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.94 49.6 10940 AAC SG NR (DFF1-OFDM, 100% RB, 30 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.94 49.6 10950 AAC SG NR (DFF1-OFDM, 100% RB, 30 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.94 49.8 10950 AAC SG NR (DFF1-OFDM, 100% RB, 30 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.94 49.8 10950 AAC SG NR (DFF1-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 49.8 10950 AAC SG NR (DFF1-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 49.8 10950 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 15 KHz) SG NR FR1 FDD 5.92 49.8 10950 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 15 KHz) SG NR FR1 FDD 8.25 49.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 15 KHz) SG NR FR1 FDD 8.14 49.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 84 | | _ | | | | |
| 10940 AAC 5G NR (DFT+-OFDM, 50% RB, 25MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.83 4.8 10942 AAC 5G NR (DFT+-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.83 4.8 10943 AAD 5G NR (DFT+-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.95 4.9 10944 AAC 5G NR (DFT+-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.95 4.9 10944 AAC 5G NR (DFT+-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.95 4.9 10945 AAC 5G NR (DFT+-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.95 4.9 10946 AAC 5G NR (DFT+-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.95 4.9 10947 AAC 5G NR (DFT+-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.93 4.9 10948 AAC 5G NR (DFT+-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 4.9 10949 AAC 5G NR (DFT+-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 4.9 10949 AAC 5G NR (DFT+-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 4.9 10949 AAC 5G NR (DFT+-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 4.9 10940 AAC 5G NR (DFT+-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 4.9 10940 AAC 5G NR (DFT+-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.92 4.9 10951 AAD 5G NR (DFT+-OFDM, 100% RB, 30 MHz, GPSK, 15 kHz) 5G NR FRI FDD 5.92 4.9 10952 AAC 5G NR (DFT+-OFDM, 100% RB, 50 MHz, GPSK, 15 kHz) 5G NR FRI FDD 5.92 4.9 10951 AAD 5G NR (DFT+-OFDM, 100% RB, 50 MHz, GPSK, 15 kHz) 5G NR FRI FDD 5.92 4.9 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 5.92 4.9 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 8.23 4.9 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 8.42 4.9 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 8.42 4.9 10956 AAA 5G NR DL (C | | | | | | |
| 10942 AAC SG NR (DFT+-OFDM, 50% RB, 30 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.85 ±9.8 10942 AAC SG NR (DFT+-OFDM, 50% RB, 40 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.85 ±9.8 10943 AAC SG NR (DFT+-OFDM, 50% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.85 ±9.8 10944 AAC SG NR (DFT+-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.81 ±9.8 10944 AAC SG NR (DFT+-OFDM, 100% RB, 10 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.81 ±9.8 10945 AAC SG NR (DFT+-OFDM, 100% RB, 10 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.83 ±9.8 10947 AAC SG NR (DFT+-OFDM, 100% RB, 15 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.83 ±9.6 10946 AAC SG NR (DFT+-OFDM, 100% RB, 20 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.87 ±9.6 10949 AAC SG NR (DFT+-OFDM, 100% RB, 25 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.87 ±9.6 10949 AAC SG NR (DFT+-OFDM, 100% RB, 25 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.87 ±9.6 10940 AAC SG NR (DFT+-OFDM, 100% RB, 25 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.87 ±9.6 10950 AAC SG NR (DFT+-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 ±9.5 10951 AAC SG NR (DFT+-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 ±9.5 10952 AAA SG NR DL (CP-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 ±9.5 10952 AAA SG NR DL (CP-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 ±9.5 10953 AAA SG NR DL (CP-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 ±9.5 10953 AAA SG NR DL (CP-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.92 ±9.5 10953 AAA SG NR DL (CP-OFDM, 170 3.1, 15 MHz, 64-QAM, 15 KHz) SG NR FR1 FDD 8.23 ±9.8 10953 AAA SG NR DL (CP-OFDM, 170 3.1, 15 MHz, 64-QAM, 35 KHz) SG NR FR1 FDD 8.42 ±9.6 10955 AAA SG NR DL (CP-OFDM, 170 3.1, 15 MHz, 64-QAM, 35 KHz) SG NR FR1 FDD 8.42 ±9.6 10955 AAA SG NR DL (CP-OFDM, 170 3.1, 15 MHz, 64-QAM, 35 KHz) SG NR FR1 FDD 8.42 ±9.6 10955 AAB SG NR DL (CP-OFDM, 170 | | AAC | | | | |
| 10942 AAC SG NR (DFT+-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAC SG NR (DFT+-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.81 ±9.6 10945 AAC SG NR (DFT+-OFDM, 100% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.81 ±9.6 10946 AAC SG NR (DFT+-OFDM, 100% RB, 10MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.8 10946 AAC SG NR (DFT+-OFDM, 100% RB, 10MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.8 10946 AAC SG NR (DFT+-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10947 AAC SG NR (DFT+-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10948 AAC SG NR (DFT+-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10949 AAC SG NR (DFT+-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10949 AAC SG NR (DFT+-OFDM, 100% RB, 30MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10950 AAC SG NR (DFT+-OFDM, 100% RB, 30MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.8 10951 AAD SG NR (DFT+-OFDM, 100% RB, 40MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10953 AAA SG NR (DFT+-OFDM, 100% RB, 40MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10953 AAA SG NR GL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 15 kHz) SG NR FR1 FDD 8.15 ±9.6 10953 AAA SG NR GL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 15 kHz) SG NR FR1 FDD 8.15 ±9.6 10958 AAA SG NR GL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 30 kHz) SG NR FR1 FDD 8.14 ±9.6 10957 AAA SG NR GL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) SG NR FR1 FDD 8.14 ±9.6 10957 AAA SG NR GL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) SG NR FR1 FDD 8.14 ±9.6 10958 AAA SG NR GL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) SG NR FR1 FDD 8.15 ±9.6 10958 AAA SG NR GL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) SG NR FR1 FDD 8.32 ±9.6 10958 AAA SG NR GL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 kHz) SG NR FR1 FDD 9.29 ±9.8 10957 AAA SG NR GL (CP-OFDM, TM 3.1, 5 MHz, 84- | 10941 | AAC | <u> </u> | | | _ |
| 10944 AAC 56 NR (DFTs-OFDM, 100% RB, 6MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.81 ±9.6 10948 AAC 56 NR (DFTs-OFDM, 100% RB, 10MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.85 ±9.6 10946 AAC 56 NR (DFTs-OFDM, 100% RB, 15MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.85 ±9.6 10947 AAC 56 NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.87 ±9.6 10948 AAC 56 NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.94 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100% RB, 25MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.94 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100% RB, 25MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.94 ±9.6 10950 AAC 56 NR (DFTs-OFDM, 100% RB, 30MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.94 ±9.8 10951 AAD 56 NR (DFTs-OFDM, 100% RB, 30MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.94 ±9.8 10951 AAD 56 NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.94 ±9.8 10953 AAA 56 NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15 kHz) 56 NR FRI FDD 5.92 ±9.6 10954 AAA 56 NR (DFTs-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.25 ±9.6 10958 AAA 56 NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.23 ±9.6 10958 AAA 56 NR DL (CP-OFDM, TM 3.1, 26 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.22 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 26 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.23 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 26 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.23 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 26 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.23 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 26 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.24 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 26 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.24 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.42 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.42 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.42 ±9.6 10958 AAA 66 NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 8.42 ±9.6 10958 AAB 66 NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 56 NR FRI FDD 9.22 ±9.6 10958 AAB 66 NR DL (CP-OFDM, TM 3.1, 16 MHz, | 10942 | AAC | | | | |
| 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.8 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.8 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.8 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.51 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.52 ±9.6 10958 AAA 5G NR DL (CP-OFDM | 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 50 NA FA1 FOD | 5.95 | ±9.6 |
| 10946 AAC SG NR (DFTs-OFDM, 100% RB, 15MHz, OPSK, 15 kHz) SG NR FRI FDD 5.83 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) SG NR FRI FDD 5.87 ±9.6 10948 AAC SG NR (DFTs-OFDM, 100% RB, 25MHz, OPSK, 15 kHz) SG NR FRI FDD 5.87 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, OPSK, 15 kHz) SG NR FRI FDD 5.87 ±9.8 10950 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, OPSK, 15 kHz) SG NR FRI FDD 5.87 ±9.8 10951 AAC SG NR (DFTs-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) SG NR FRI FDD 5.94 ±9.8 10952 AAA SG NR (DFTs-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) SG NR FRI FDD 5.92 ±9.6 10953 AAA SG NR (DFTs-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) SG NR FRI FDD 5.92 ±9.6 10954 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 8.15 ±9.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 8.15 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 8.42 ±9.6 10957 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.14 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.14 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.61 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.61 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.33 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.33 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 9.32 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI TDD 9.32 ±9.6 10960 AAC SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI TDD 9.39 ±9.6 10961 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) SG NR FRI TDD | 10944 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 6G NR FR1 FDD | 5.81 | ±9.6 |
| 10947 AAC SG NR (DFT-9-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) SG NR FRI FOD 5.87 | 10945 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 16 kHz) | 5G NR FR1 FOD | 5.85 | ±9.8 |
| 10948 | | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ±9.6 |
| 10949 AAC 6G NR (OFT-9-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.8 10950 AAC SG NR (DFT-9-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.8 10951 AAD SG NR (DFT-9-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10952 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 15 kHz) SG NR FR1 FDD 8.25 ±9.8 10953 AAA SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.15 ±9.6 10954 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.15 ±9.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.42 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.14 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.14 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.14 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.61 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.61 ±9.6 10960 AAC SG NR DL (CP-OFDM, TM 3.1, 6 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.33 ±9.6 10960 AAC SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.32 ±9.6 10961 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.32 ±9.6 10962 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.32 ±9.6 10963 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.35 ±9.6 10964 AAC SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.29 ±9.6 10965 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.29 ±9.6 10966 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 16 kHz) SG | | AAC | | 5G NR FR1 FOD | 5.87 | ±9.6 |
| 10950 AAC 5G NR DFT-8-OFDM, 100% RB, 40 MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.94 ±9.8 10951 AAD 5G NR QPT-6-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 15 KHz) 5G NR FRI FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 KHz) 5G NR FRI FDD 8.23 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 KHz) 5G NR FRI FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 KHz) 5G NR FRI FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 KHz) 5G NR FRI FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 KHz) 5G NR FRI FDD 8.41 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 KHz) 5G NR FRI FDD 8.41 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 KHz) 5G NR FRI FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 KHz) 5G NR FRI FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI FDD 8.33 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.22 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.28 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.29 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.29 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.29 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FRI TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz) | | | | 6G NR FA1 FOD | 5.94 | ±9.6 |
| 10951 AAD 5G NR (DFT-6-OFDM, 100% RB, 50 MHz, OPSK, 16 KHz) 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10958 AAA 6G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10962 AAB 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10963 AAB 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10965 AAB 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10966 AAC 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 10960 AAC 5G NR FRI TDD 9.28 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10964 AAC 5G NR FRI TDD 9.26 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NR DL (CP-OFDM, | | | | | | |
| 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.8 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 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.8 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.8 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 16 kHz) 5G NR FR1 FDD 9.32 ±9.8 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 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.8 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.8 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.8 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G | | | | | | |
| 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 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 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-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, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.32 ±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 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.25 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5 | | _ | | | | |
| 10954 AAA 56 NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 84-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 84-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 ±9.8 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 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 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 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, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ±9.6 10979 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.60 ±9.6 10980 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | | | | | | |
| 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.42 ±9.6 10957 AAA SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.14 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.32 ±9.6 10960 AAC SG NR DL (CP-OFDM, TM 3.1, 6 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.32 ±9.6 10961 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.36 ±9.6 10962 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.40 ±9.6 10963 AAB SG NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.40 ±9.6 10964 AAC SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz) SG NR FR1 TDD 9.55 ±9.6 10964 AAC SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 30 kHz) SG NR FR1 TDD 9.29 ±9.5 10965 AAB SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 30 kHz) SG NR FR1 TDD 9.29 ±9.5 10966 AAC SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 30 kHz) SG NR FR1 TDD 9.29 ±9.5 10967 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) SG NR FR1 TDD 9.55 ±9.6 10968 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) SG NR FR1 TDD 9.42 ±9.6 10972 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) SG NR FR1 TDD 9.49 ±9.6 10973 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) SG NR FR1 TDD 9.49 ±9.6 10974 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) SG NR FR1 TDD 9.49 ±9.6 10973 AAB SG NR (CP-OFDM, 1 RB, 100 MHz, 84-QAM, 30 kHz) SG NR FR1 TDD 11.59 ±9.6 10974 AAB SG NR (CP-OFDM, 1 RB, 100 MHz, 2556-QAM, 30 kHz) SG NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA HDR8 ULLA HDR8 ULLA HDR8 ULLA HDR8 ULLA HD | | | | | | |
| 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 kHz) 10957 AAA 6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10958 AAA 6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10958 AAA 6G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 30 kHz) 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 6 MHz, 84-QAM, 15 kHz) 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 15 kHz) 10962 AAB 6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 15 kHz) 10963 AAB 6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 15 kHz) 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz) 10965 AAB 6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10966 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10960 AAB 5G NR CL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10960 AAB 5G NR CL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10960 AAB 5G NR CL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10960 AAB 5G NR CL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10960 AAB 5G NR CL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz) 10960 AAB 5G NR CL (CP-OFDM, TM 3.1 | | | | | | |
| 10957 AAA 6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10958 AAA 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 10962 AAB 6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 10962 AAB 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10979 AAB 5G NR DL (CP-OFDM, TR 3.1, 10 MHz, 64-QAM, 30 kHz) 10979 AAB 5G NR DL (CP-OFDM, TR 3.1, 10 MHz, 64-QAM, 30 kHz) 10979 AAB 5G NR DL (CP-OFDM, TR 3.1, 10 MHz, 64-QAM, 30 kHz) 10979 AAB 5G NR DL (CP-OFDM, TR 3.1, 10 MHz, 64-QAM, 30 kHz) 10979 AAB 5G NR CP-OFDM, TR 3.1, 10 MHz, 64-QAM, 30 kHz) 10979 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA BDR ULLA 8.58 ±9.6 10980 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR4 ULLA 1.16 ±9.6 | | | | | | |
| 10958 AAA 6G NA DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10959 AAA 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10960 AAC 5G NA DL (CP-OFDM, TM 3.1, 6 MHz, 64-QAM, 15 kHz) 10961 AAB 5G NA DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 10962 AAB 5G NA DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10963 AAB 5G NA DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10964 AAB 5G NA DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10965 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 10964 AAC 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10965 AAB 5G NA DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 10966 AAB 5G NA DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10967 AAB 5G NA DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10967 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10967 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10969 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10970 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10971 AAB 5G NA DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 10972 AAB 5G NA CL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 10973 AAB 5G NA CL (CP-OFDM, TM 3.1, 100 MHz, 20 MHz, 20 MHz) 10974 AAB 5G NA (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NA FR1 TDD 10.28 10.977 AAB 5G NA (CP-OFDM, 1 RB, 100 MHz, 20 MHz, 20 MHz) 5G NA FR1 TDD 10.28 10.979 AAA ULLA BDA 10.979 AAA ULLA BDA 10.979 AAA ULLA HDRB 10.979 AAA ULLA HDRB 10.981 AAA ULLA HDRB | | | | * | | |
| 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 6 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.38 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.38 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.8 10963 AA8 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.8 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.8 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±8.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.8 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10973 AAB 5G NR DC (CP-OFDM, TR, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 11.59 ±9.6 10974 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 9.06 ±9.6 10979 AAA ULLA BDR ULLA BDR ULLA 1.16 ±9.6 10980 AAA ULLA HDR8 | | | | | | |
| 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 6 MHz, 64-QAM, 15 kHz) 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 10962 AAB 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10963 AAB 6G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz) 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10970 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 10971 AAB 5G NR DL (CP-OFDM, TR 3.1, 10 MHz, 64-QAM, 30 kHz) 10972 AAB 5G NR (CP-OFDM, TR 8, 20 MHz, QPSK, 15 kHz) 10973 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10974 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, 258-QAM, 30 kHz) 10975 AAA ULLA BDR 10979 AAA ULLA BDR 10980 AAA ULLA HDR8 10981 AAA ULLA HDR8 | | _ | | | | |
| 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.38 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.8 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.8 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.28 ±9.8 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±8.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.8 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10988 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, TR.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 11.59 ±9.8 10973 AAB 5G NR (CP-OFDM, TR.1, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, TR.1, 100 MHz, 258-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10979 AAA ULLA BDR ULLA 1.16 ±9.6 10980 AAA ULLA HDR8 ULLA 40.85 ±9.6 10981 AAA ULL | | | | | | |
| 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±8.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.8 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 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, TR B, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±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. | | | | | | |
| 10963 AA8 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.29 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AA8 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±8.6 10966 AA8 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.8 10967 AA9 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10988 AA8 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 (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AA8 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR 10979 AAA ULLA BDR 10980 AAA ULLA HDR8 10981 AAA ULLA HDR8 | | _ | | | | |
| 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.8 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.8 10988 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 (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 6G 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 HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR8 ULLA 3.19 ±9.6 | | | | | | |
| 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±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 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 84-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (CP-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, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR8 ULLA 3.19 ±9.6 | 10964 | AAC | | | | |
| 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 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 10988 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 (DFTs-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, 258-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 10.32 ±9.6 10980 AAA ULLA HDR8 ULLA 3.19 ±8.6 | | AAS | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | | | |
| 10988 AA8 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 84-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-6-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, 258-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 10.32 ±9.6 10980 AAA ULLA HDR8 ULLA 3.19 ±8.6 10881 AAA ULLA HDR84 ULLA 3.19 ±8.6 | 10956 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TOD | 9.55 | ±9.6 |
| 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, OPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-6-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, 258-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 10.32 ±9.6 10980 AAA ULLA HDR8 ULLA 3.19 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6 | | | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.42 | ±9.6 |
| 10973 AAB 5G NR (DFT-6-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, 258-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 HDR94 ULLA 3.19 ±9.6 | | _ | | 5G NR FR1 TDD | 9.49 | |
| 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 258-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 HDR94 ULLA 3.19 ±9.6 | | | | | | ±9.6 |
| 10978 AAA 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 HDR84 ULLA 3.19 ±9.6 | | | | | | |
| 10979 AAA ULLA HDR4 ULLA B.58 ±8.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR84 ULLA 3.19 ±9.6 | | _ | | | | |
| 10980 AAA ULLA HDR8 | | - | | | | |
| 10981 AAA ULLA HDRQ4 ULLA 3.19 ±9.6 | | | | | | |
| | | | | A CONTRACTOR OF THE PARTY OF TH | | |
| 1000C AN OLLA 1000 3.43 ±9.6 | | _ | | | | |
| | 10885 | AAA | טכנא הנוקיים | ULL# | 3,43 | 19.8 |

Certificate No: EX-7554_Jul22/2

Page 21 of 22

| UID | Hev | Communication System Name | Group | PAR (dB) | Unc* k = 2 |
|-------|-----|--|---------------|----------|------------|
| 10983 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 84-QAM, 15 kHz) | 50 NR FRI TOD | 9.31 | ±9.6 |
| 10984 | AAA | 5G NR DL (CP-OFOM, TM 3.1, 50 MHz, 84-QAM, 15 kHz) | 5G NR FR1 TDD | 9.42 | ±9.6 |
| 10985 | AAA | 5Q NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 KHz) | 6G NR FR1 TDD | 9,54 | ±9.6 |
| 10986 | AAA | 5G NR OL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 30 kHz) | 5G NR FR1 TOD | 9.50 | ±9.6 |
| 10987 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz) | 5Q NR FR1 TDD | 9.53 | £9.6 |
| 10988 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 84-QAM, 30 kHz) | 5G NR FR1 TOD | 9.38 | ±9.6 |
| 10989 | ΛΑΑ | 5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 84-QAM, 30 kHz) | 5G NR FRI TOO | 9.33 | ±9.8 |
| 10990 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 84-QAM, 30 kHz) | 5G NR FR1 TOD | 9.52 | ±9.8 |

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

Certificate No: EX-7554_Jul22/2 Page 22 of 22

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





S Schweizerischer Kalibrierdlenst
C Service sulsse d'étalonnage
Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Client B.V. ADT (Auden) Certificate No: EX3-7696_Jan22

CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7696

Calibration procedure(s) QA CAL-01.v9, QA CAL-14.v6, QA CAL-23.v5, QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date: January 20, 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)

| Primary Standards | ID | Cal Date (Certificate No.) | Scheduled Calibration |
|----------------------------|------------------|-----------------------------------|------------------------|
| Power meter NRP | SN: 104778 | 09-Apr-21 (No. 217-03291/03292) | Apr-22 |
| Power sensor NRP-Z91 | SN: 103244 | 09-Apr-21 (No. 217-03291) | Apr-22 |
| Power sensor NRP-291 | SN: 103245 | 09-Apr-21 (No. 217-03292) | Apr-22 |
| Reference 20 dB Attenuator | SN: CC2552 (20x) | 09-Apr-21 (No. 217-03343) | Apr-22 |
| DAE4 | SN: 660 | 13-Oct-21 (No. DAE4-660_Oct21) | Oct-22 |
| Reference Probe ES3DV2 | SN: 3013 | 27-Dec-21 (No. ES3-3013_Dec21) | Dec-22 |
| Secondary Standards | ID | Check Date (in house) | Scheduled Check |
| Power meter E4419B | SN: GB41293874 | 06-Apr-16 (in house check Jun-20) | In house check: Jun-22 |
| Power sensor E4412A | SN. MY41498087 | 06-Apr-16 (in house check Jun-20) | In house check: Jun-22 |
| Power sensor E4412A | SN: 000110210 | 06-Apr-18 (in house check Jun-20) | In house check: Jun-22 |
| RF generator HP 8648C | SN: US3642U01700 | 04-Aug-99 (in house check Jun-20) | In house check: Jun-22 |
| Network Analyzer E8358A | SN: US41080477 | 31-Mar-14 (in house check Oct-20) | In house check: Oct-22 |

Calibrated by:

Name
Function
Signature
Laboratory Technician

Approved by:

Sven Kühn
Deputy Manager

Issued: January 26, 2022

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

Certificate No: EX3-7696_Jan22 Page 1 of 23

Calibration Laboratory of

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





S Schwelzerischer Kalibrierdlenst
C Service sulsse d'étalonnage
Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

TSL 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 9 9 rotation around an axis that Is In the plane normal to probe axis (at measurement center),

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

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

Certificate No: EX3-7696_Jan22 Page 2 of 23

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7696

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|--|----------|----------|----------|-----------|
| Norm (μV/(V/m) ²) ^A | 0.66 | 0.57 | 0.63 | ± 10.1 % |
| DCP (mV)B | 105.8 | 106.2 | 106.5 | |

Calibration Results for Modulation Response

| UID | Communication System Name | | A | В | С | Ď | VR | Max | Max |
|--------|-----------------------------|---|-------|--------|-------|-------|------------|----------|---------------------------|
| | | | dB | dB√μV | | dB | m V | dev. | Unc [€] (k=2) |
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 157.0 | ± 2.5 % | ± 4.7 % |
| | | Υ | 0.00 | 0.00 | 1.00 | | 154.7 | | |
| | | Z | 0.00 | 0.00 | 1.00 | | 159.6 | | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 1.45 | 60.25 | 5.85 | 10.00 | 60.0 | ± 2.9 % | ± 9.6 % |
| AAA | | Υ | 1.64 | 60.96 | 6.31 | | 60.0 | | |
| | | Z | 1.64 | 61.26 | 6.75 | | 60.0 | | |
| 10353- | Pulse Waveform (200Hz, 20%) | X | 52.00 | 76.00 | 9.00 | 6.99 | 0.08 | ± 2.6 % | ± 9.6 % |
| AAA | | Y | 8.00 | 72.00 | 9.00 | | 80.0 | | |
| | | Z | 10.00 | 72.00 | 9.00 | | 80.0 | | |
| 10354- | Pulse Waveform (200Hz, 40%) | Х | 0.07 | 133.56 | 0.01 | 3.98 | 95.0 | ± 2.3 % | ± 9.6 % |
| AAA | | Y | 0.23 | 147.94 | 0.07 | | 95.0 | | |
| | | Z | 24.00 | 72.00 | 7,00 | | 95.0 | | |
| 10355- | Pulse Waveform (200Hz, 60%) | X | 5.41 | 159.99 | 2.87 | 2.22 | 120.0 | ±1.7% | ± 9.6 % |
| AAA | | Y | 6.44 | 160.00 | 13.16 | | 120.0 | | |
| | | Z | 9.62 | 158.49 | 11.32 | | 120.0 | | |
| 10387- | QPSK Waveform, 1 MHz | X | 0.56 | 63.03 | 11.18 | 1.00 | 150.0 | ± 4.6 % | ± 9.6 % |
| AAA | | Y | 0.45 | 62.17 | 11.09 | | 150.0 | | |
| | | Z | 0.54 | 62.90 | 11.03 | | 150.0 | | |
| 10388- | QPSK Waveform, 10 MHz | X | 1.31 | 64.86 | 13.24 | 0.00 | 150.0 | ±: 1.1 % | ± 9.6 % |
| AAA | | Υ | 1.20 | 64.97 | 12.95 | | 150.0 | | 1 |
| | | Z | 1.28 | 64.82 | 13.12 | | 150.0 | | |
| 10396- | 64-QAM Waveform, 100 kHz | X | 1.75 | 65.16 | 16.31 | 3.01 | 150.0 | ± 0.8 % | ± 9.6 % |
| AAA | | Υ | 1.70 | 64.78 | 15.97 | | 150.0 | | |
| | | Z | 1.84 | 65.89 | 16.53 | | 150.0 | | |
| 10399- | 64-QAM Waveform, 40 MHz | Х | 2.80 | 65.79 | 14.73 | 0,00 | 150.0 | ± 2.9 % | ± 9.6 % |
| AAA | | Y | 2.72 | 66.06 | 14.81 | | 150.0 | | |
| | | Z | 2.78 | 65.84 | 14.71 | | 150.0 | | |
| 10414 | WLAN CCDF, 64-QAM, 40MHz | Х | 3.83 | 65.52 | 15.01 | 0.00 | 150.0 | ± 4.8 % | ± 9.6 % |
| AAA | | Υ | 3.64 | 65.78 | 14.98 | | 150.0 | | |
| | | Z | 3.80 | 65,59 | 15.00 | | 150.0 | | |

Note: For details on UID parameters see Appendix

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

Certificate No: EX3-7696_Jan22

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

^B Numerical linearization parameter: uncertainty not required.

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

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7696

Sensor Model Parameters

| | C1 | C2 | α | T1 | T2 | T3 | T4 | T 5 | Т6 |
|---|------|-------|-------|--------|--------|------|-------------|-----------------|------|
| | fF | fF | V-' | ms.V⁻² | ms.V⁻¹ | ms | V -2 | V ⁻¹ | |
| X | 11.2 | 81.83 | 33.99 | 3.33 | 0.00 | 4.90 | 0.52 | 0.00 | 1.01 |
| Y | 8.5 | 61.38 | 33.13 | 2.31 | 0.00 | 4.90 | 0.46 | 0.00 | 1.00 |
| Z | 10.8 | 78.41 | 33.57 | 4.53 | 0.00 | 4.95 | 0.71 | 0.00 | 1.01 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle (°) | -176.4 |
| 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.

Certificate No: EX3-7696_Jan22 Page 4 of 23

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7696

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^c | Relative Permittivity ^F | Conductivity (S/m) F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G _ (mm) | Unc (k=2) |
|----------------------|---------------------------------------|-------------------------|---------|---------|---------|--------------------|------------------------------|-----------------|
| 2450 | 39.2 | 1.80 | 8.11 | 8.11 | 8.11 | 0.33 | 0.90 | ± 12.0 % |
| 5250 | 35.9 | 4.71 | 6.00 | 6.00 | 6.00 | 0.40 | 1.80 | ± 13.1 % |
| 5600 | 35.5 | 5.07 | 5.05 | 5.05 | 5.05 | 0.40 | 1.80 | ± 13.1 % |
| 5750 | 35.4 | 5.22 | 5.15 | 5.15 | 5.15 | 0.40 | 1.80 | ± 13.1 % |

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-8 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

Certificate No: EX3-7696_Jan22 Page 5 of 23

Report No.: SFBFLF-WTW-P22110085

⁶ MHz is 4-8 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

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

the ConvF uncertainty for indicated target tissue parameters.

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

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7696

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^c | Relative Permittivity ^F | Conductivity (S/m) F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|---------------------------------------|-------------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 6500 | 34.5 | 6.07 | 5.60 | 5.60 | 5.60 | 0.20 | 2.50 | ± 18.6 % |

c Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for

Page 6 of 23 Certificate No: EX3-7696_Jan22

Report No.: SFBFLF-WTW-P22110085

the indicated frequency band.

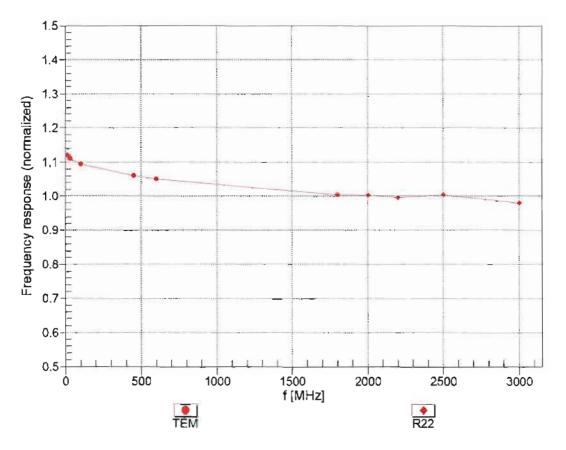
At frequencies 6-10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured

SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

Galpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz; 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

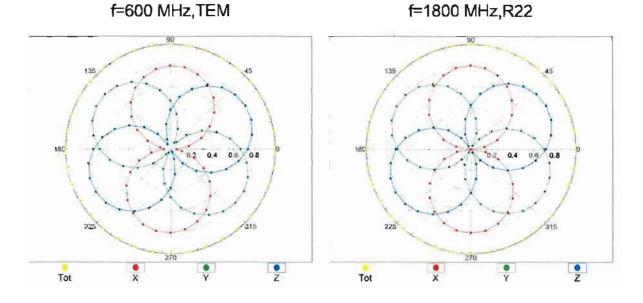
(TEM-Cell:Ifi110 EXX, Waveguide: R22)

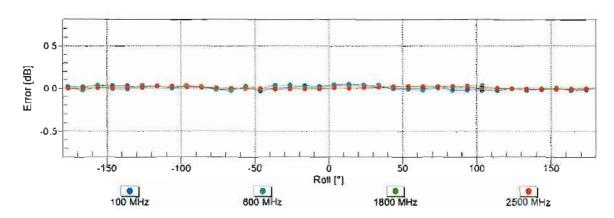


Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

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

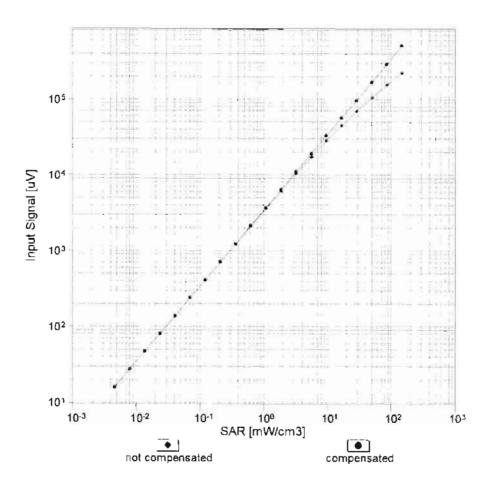
τισσοιτικής ταποιτίτ (ψ), σ

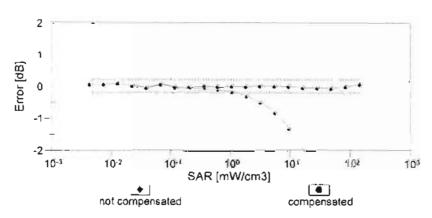




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

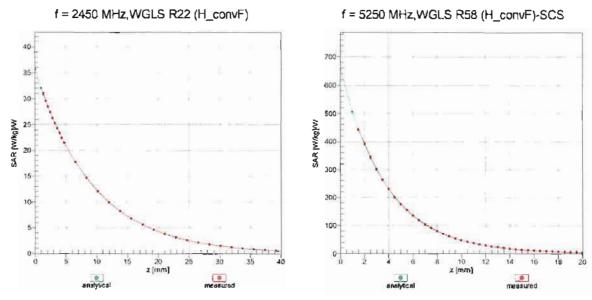
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



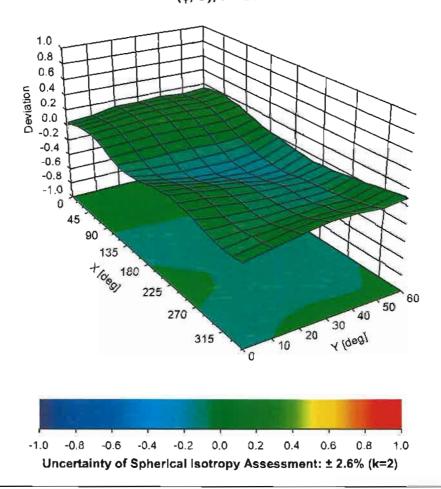


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



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



Appendix: Modulation Calibration Parameters

| din | Rev | Communication System Name | Group | PAR (dB) | Unc ^E (k=2) |
|-------|-----|---|-----------|-------------|---------------------------|
| 0 | - | cw | CW | 0.00 | ± 4.7 % |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 10.00 | ± 9.6 % |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ± 9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ± 9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ± 9.6 % |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9.55 | ± 9.6 % |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ± 9.6 % |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 3,55 | ± 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 % |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | Bluetooth | 1.16 | ± 9.6 % |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ± 9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (Pt/4-DQPSK, DH3) | Bluetooth | 4.53 | ± 9.6 % |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ± 9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ± 9.6 % |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ± 9.6 % |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ± 9.6 % |
| | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ± 9.6 % |
| 10039 | | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ± 9.6 % |
| 10042 | CAB | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ± 9.6 % |
| | CAA | | | | ± 9.6 % |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | |
| 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 802.116 WIFI 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.83 | ± 9.6 % |
| 10061 | CAB | IEEE 802.116 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 | | 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 | | IEEE 802.11a/h WIFi 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 % |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.62 | ± 9.6 % |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ± 9.6 % |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ± 9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ± 9.6 % |
| 10097 | CAB | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ± 9.6 % |
| 10098 | CAB | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ± 9.6 % |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 % |

Certificate No: EX3-7696_Jan22

| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 % |
|-------|-------|--|---------|-------|---------|
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ±9.6% |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10103 | ÇAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TOD | 9.29 | ± 9.6 % |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.01 | ± 9.6 % |
| 10108 | ÇAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ± 9.6 % |
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.44 | ±9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.59 | ± 9.6 % |
| 10113 | CAG | 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 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.53 | ± 9.6 % |
| 10142 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10143 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.35 | ± 9.6 % |
| 10144 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ± 9.6 % |
| 10145 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.76 | ± 9.6 % |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.41 | ± 9.6 % |
| 10147 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.72 | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10151 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TDD | 9.28 | ± 9.6 % |
| 10152 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10153 | CAG | LTE-TDD (SC-FDMA, 50% RB. 20 MHz, 64-QAM) | LTE-TDD | 10.05 | ± 9.6 % |
| 10154 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10155 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-FDD | 5.79 | ± 9.6 % |
| 10157 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10159 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ± 9.6 % |
| 10160 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 5.82 | ± 9.6 % |
| 10161 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10162 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ± 9.6 % |
| 10166 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.46 | ± 9.6 % |
| 10167 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.21 | ± 9.6 % |
| 10168 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.79 | ± 9.6 % |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TOD | 9.21 | ± 9.6 % |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10174 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10175 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10176 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10177 | CAI | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FOD | 6.52 | ± 9.6 % |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB. 10 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10181 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| | 37.00 | | | | |

| | | | | _ | |
|---------------|-----|---|---------|-------|---------|
| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FOD | 6.52 | ± 9.6 % |
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FOD | 5.73 | ± 9.6 % |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ± 9.6 % |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FOD | 6.50 | ± 9.6 % |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FOD | 6.52 | ± 9.6 % |
| 10189 | AAF | 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 | 8.09 | ± 9.6 % |
| 10194 | CAD | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ± 9.6 % |
| 10195 | CAD | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN | 8.21 | ± 9.6 % |
| 10196 | CAD | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10197 | CAD | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10198 | 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 % |
| 10225 | CAB | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ± 9,6 % |
| 10226 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TOD | 9.49 | ± 9.6 % |
| 10227 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TOD | 10.26 | ± 9.6 % |
| 10228 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TOD | 9.22 | ± 9.6 % |
| 10229 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10230 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10231 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ± 9.6 % |
| 10232 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10233 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10234 | CAG | LTE-TDD (SC-FDMA, 1 RB. 5 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10235 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10236 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAG | LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TOD | 9.21 | ± 9.6 % |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAF | LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ± 9.6 % |
| 10242 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 9.86 | ± 9.6 % |
| 10243 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TOD | 9.46 | ± 9.6 % |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TOD | 10.06 | ± 9.6 % |
| 10245 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10246 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10247 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.91 | ± 9.6 % |
| 10248 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10250 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.81 | ± 9.6 % |
| 10251 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.17 | ± 9.6 % |
| 10252 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 % |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 % |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ± 9.6 % |
| 10257 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ± 9.6 % |
| . 520, | 040 | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ± 9.6 % |
| 10258 | CAB | | | | |
| $\overline{}$ | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ± 9.6 % |

| 10261 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TOD | 9.24 | ± 9.6 % |
|--------|-----|---|----------|-------|---------|
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ± 9.6 % |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TOD | 10,16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ± 9.6 % |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TOD | 10.07 | ± 9.6 % |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TOD | 9.30 | ± 9.6 % |
| 10268 | CAF | LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TOD | 10.06 | ± 9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TOD | 9.58 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ± 9.6 % |
| 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11,81 | ± 9.6 % |
| 10279 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | PHS | 12.18 | ± 9.6 % |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ± 9.6 % |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ± 9.6 % |
| 10292 | AA8 | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ± 9.6 % |
| 10293 | AAB | CDMA2000, RC3, SQ3, Full Rate | CDMA2000 | 3.50 | ± 9.6 % |
| 10295 | AA8 | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 12.49 | ± 9.6 % |
| 10297 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 % |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ± 9.6 % |
| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10301 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL) | WiMAX | 12.57 | ± 9.6 % |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 15.24 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 14.67 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC) | WiMAX | 14.49 | ± 9.6 % |
| 10308 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WIMAX | 14.46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3) | WiMAX | 14.58 | ± 9.6 % |
| 10310 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3 | WiMAX | 14.57 | ± 9.6 % |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ± 9.6 % |
| 10313 | AAA | IDEN 1:3 | IDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | IDEN 1:6 | iDEN | 13.48 | ± 9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAD | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ± 9.6 % |
| 103387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10386 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10398 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAE | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10401 | AAE | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10401 | | IEEE 802.11ac WIFI (40MHz, 64-QAM, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| | AAE | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | | 3.76 | ± 9.6 % |
| 10404 | AAB | | CDMA2000 | 3.77 | |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |

| 10414 AAA WŁAN CCDF, 64-QAM, 40MHz Generic 10415 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc) WLAN 10416 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) WLAN 10417 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc) WLAN 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) WLAN 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) WLAN 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | 1.54 8.23 | ± 9.6 % ± 9.6 % ± 9.6 % |
|---|--------------|-------------------------------|
| 10416 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) WLAN 10417 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc) WLAN 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) WLAN 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) WLAN 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | 8.23 | |
| 10416 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) WLAN 10417 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc) WLAN 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) WLAN 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) WLAN 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | 8.23 | ± 9.6 % |
| 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) WLAN 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) WLAN 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | 8.23 | |
| 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) WLAN 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | | ± 9.6 % |
| 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | 8.14 | ± 9.6 % |
| 10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | | ± 9.6 % |
| 10423 AAC IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN | | ± 9.6 % |
| | | ± 9.6 % |
| 10424 AAC IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN | | ± 9.6 % |
| 10425 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN | | ± 9.6 % |
| 10426 AAC IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN | | ± 9.6 % |
| 10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN | | ± 9.6 % |
| 10430 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FD | | ± 9.6 % |
| 10431 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FD | | ± 9.6 % |
| 10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FD | | ± 9.6 % |
| 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FD | | ± 9.6 % |
| 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDM | | ± 9.6 % |
| 10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) LTE-TD | | ± 9.6 % |
| 10447 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FC | | ± 9.6 % |
| 10448 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) LTE-FE | | ± 9.6 % |
| 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) LTE-FD | | ± 9.6 % |
| 10450 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FD | | ± 9.6 % |
| 10451 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDM | | ± 9.6 % |
| 10453 AAD Validation (Square, 10ms, 1ms) Test | 10.00 | ± 9.6 % |
| 10456 AAC IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc) WLAN | | ± 9.6 % |
| 10457 AAA UMTS-FDD (DC-HSDPA) WCDM | | ± 9.6 % |
| 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2 | | ± 9.6 % |
| 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2 | | ± 9.6 % |
| 10460 AAA UMTS-FDD (WCDMA, AMR) WCDM | 1A 2.39 | ± 9.6 % |
| 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) LTE-TD | DD 7.82 | ± 9.6 % |
| 10462 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TE | DD 8.30 | ± 9.6 % |
| 10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TD | DD 8.56 | ± 9.6 % |
| 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TC | DD 7.82 | ± 9.6 % |
| 10465 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TE | DD 8.32 | ± 9.6 % |
| 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TO | DD 8.57 | ± 9.6 % |
| 10467 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) LTE-TE | DD 7.82 | ± 9.6 % |
| 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-T0 | DD 8.32 | ± 9.6 % |
| 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) LTE-T0 | DD 8.56 | ± 9.6 % |
| 10470 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) LTE-TD | DD 7.82 | ± 9.6 % |
| 10471 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) LTE-TD | DD 8.32 | ± 9.6 % |
| 10472 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) LTE-TG | DD 8.57 | ± 9.6 % |
| 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) LTE-TD | DD 7.82 | ± 9.6 % |
| 10474 AAE LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sυδ) LTE-T | DD 8.32 | ± 9.6 % |
| 10475 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) LTE-T(| DD 8.57 | ± 9.6 % |
| 10477 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) LTE-TE | DD 8.32 | ± 9.6 % |
| 10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) LTE-TI | DD 8.57 | ± 9.6 % |
| 10479 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) LTE-TO | DD 7.74 | ± 9.6 % |
| 10480 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) LTE-T(| DD 8.18 | ± 9.6 % |
| 10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TE | DD 8.45 | ± 9.6 % |
| 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-T | DD 7.71 | ± 9.6 % |
| 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-T | DD 8.39 | ± 9.6 % |
| 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TD | DD 8.47 | ± 9.6 % |
| 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TD | DD 7.59 | ± 9.6 % |
| 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TI | DD 8.38 | ± 9.6 % |
| 10497 AAC ITETDD (CC-EDMA 500/ DD 54442 64 0444 44 505) | | ± 9.6 % |
| 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TD 10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) LTE-TD LTE-TD | DD 7.70 | ± 9.6 % |

Certificate No: EX3-7696_Jan22

| 10489 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
|-------|-----|---|-----------------|------|---------|
| 10490 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TOD | 8.54 | ± 9.6 % |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7,74 | ± 9.6 % |
| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.41 | ± 9.6 % |
| 10493 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub) | LTE-TOD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TOD | 8.54 | ± 9.6 % |
| 10497 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | | ± 9.6 % |
| 10499 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TOD | 8.40 | ± 9.6 % |
| 10500 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub) | A second second | 8.68 | |
| 10501 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| | | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAC | | LTE-TOD | 8.52 | ± 9.6 % |
| 10503 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub) | LTE-TOD | 7.72 | ± 9.6 % |
| 10504 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.31 | ± 9.6 % |
| 10505 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TOD | 8.55 | ± 9.6 % |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub) | LTE-TOD | 7.99 | ± 9.6 % |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDO | 8.49 | ± 9.6 % |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub) | LTE-TOO | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10520 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc) | WLAN | 8.12 | ± 9.6 % |
| 10521 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc) | WLAN | 7.97 | ± 9.6 % |
| 10522 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10523 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc) | WLAN | 8.08 | ± 9.6 % |
| 10524 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10525 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10526 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc) | WLAN | 8.21 | ± 9.6 % |
| 10528 | - | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10529 | | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10531 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10532 | AAC | IEEE 802.11ac WiFI (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10532 | AAC | IEEE 802.11ac WIFI (20MHz, MCS8, 99pc dc) | WLAN | | ± 9.6 % |
| 10534 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc) | WLAN | 8.38 | ± 9.6 % |
| | | IEEE 802.11ac WIFI (40MHz, MCS1, 99pc dc) | | 8.45 | 1 |
| 10535 | AAC | | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10537 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc) | WLAN | 8.44 | ± 9.6 % |
| 10538 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10540 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10542 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10544 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10545 | AAC | IEEE 802.11ac WiFi (80MHz, MC\$1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10546 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc) | WLAN | 8.35 | ± 9.6 % |

Certificate No: EX3-7696_Jan22 Page 16 of 23

| 10547 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
|-------|-----|--|--------|------|---------|
| 10548 | AAC | IEEE 802.11ac WiFi (80MHz, MC\$4, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dε) | WLAN | 8.39 | ± 9.6 % |
| 10551 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc) | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc) | WLAN | 8,77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAA | IEEE 802,11g WIFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAA | IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WIFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DS\$S-OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAA | IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAC | IEEE 802,11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAC | IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10588 | AAC | IEEE 802,11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90oc dc) | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10590 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps. 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAC | IEEE 802,11n (HT Mixed, 20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc) | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| | | | 77-201 | 0,10 | |

Certificate No: EX3-7696_Jan22

| 1060B AAC | | | | | | |
|--|-------|----------|---|---------|-------|---------|
| 19607 AAC | 10805 | AAC | | WLAN | 8.97 | ± 9.6 % |
| 10608 AAC | 10606 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10609 AAC IEEE 802.11ac WIFI (20MHz, MCS3, 90pc dc) WLAN 8.77 4.96 | 10607 | AAC | IEEE 802.11ac WIFI (20MHz, MCS0, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10610 AAC IEEE 802.11ac WFF (20MHz, MCS4, 90pc dc) WLAN 8.78 2.96 | 10608 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10511 AAC IEEE 802.11ac WFF (20MHz, MCS5, 90pc dc) WLAN 8.77 49.61 | 10609 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10612 AAC IEEE 802.11ac WIFI (20MHz, MCS6, 90pc dc) WLAN 8.94 4.96 | 10610 | AAC | IEEE 802,11ac WiFi (20MHz, MCS3, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10613 AAC | 10611 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10614 AAC | 10612 | AAC | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10615 AAC | 10613 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10818 AAC | 10614 | AAC | IEEE 802.11ac WIFI (20MHz, MCS7, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10617 AAC | 10615 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10618 | 10816 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10619 | 10617 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10620 | 10618 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10621 | 10619 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10622 | 10620 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10623 | 10621 | AAC | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10624 AAC IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc) WLAN 8.96 ± 9.6 10625 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.93 ± 9.6 10626 AAC IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc) WLAN 8.83 ± 9.6 10627 AAC IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc) WLAN 8.83 ± 9.5 10628 AAC IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc) WLAN 8.71 ± 9.6 10629 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 10629 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WLAN 8.72 ± 9.6 10630 AAC IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc) WLAN 8.72 ± 9.6 10631 AAC IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc) WLAN 8.81 ± 9.6 10632 AAC IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc) WLAN 8.81 ± 9.6 10633 AAC IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc) WLAN 8.84 ± 9.6 10633 AAC IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc) WLAN 8.80 ± 9.6 10634 AAC IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc) WLAN 8.80 ± 9.6 10635 AAC IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc) WLAN 8.80 ± 9.6 10635 AAC IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 10636 AAD IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 10637 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.83 ± 9.6 10633 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.86 ± 9.6 10633 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.86 ± 9.6 10634 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.86 ± 9.6 10634 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.85 ± 9.6 10644 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.86 ± 9.6 10644 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.89 ± 9.6 10644 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WIFI (1 | 10622 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc) | WLAN | 8.68 | ± 9.6 % |
| 10625 | 10623 | AAC | IEEE 802,11ac WiFi (40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10626 | 10624 | AAC | IEEE 802,11ac WiFi (40MHz, MCS8, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10627 AAC | 10625 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10628 AAC IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc) WLAN 8.71 ± 9.6 10639 AAC IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) WLAN 8.72 ± 9.6 10631 AAC IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc) WLAN 8.72 ± 9.6 10631 AAC IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc) WLAN 8.81 ± 9.6 10632 AAC IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc) WLAN 8.74 ± 9.6 10633 AAC IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc) WLAN 8.83 ± 9.6 10633 AAC IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc) WLAN 8.80 ± 9.6 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) WLAN 8.80 ± 9.6 10635 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 10636 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 8.83 ± 9.6 10636 AAD IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) WLAN 8.79 ± 9.6 10637 AAD IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) WLAN 8.79 ± 9.6 10639 AAD IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) WLAN 8.79 ± 9.6 10639 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 10640 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 10640 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 8.98 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 8.99 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac | 10626 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10629 AAC IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) WLAN 8.85 | 10627 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10630 | 10628 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10631 AAC IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc) WLAN 8.81 ± 9.6 10632 AAC IEEE 802.11ac WIFI (80MHz, MCS6, 90pc dc) WLAN 8.74 ± 9.6 10633 AAC IEEE 802.11ac WIFI (80MHz, MCS7, 90pc dc) WLAN 8.83 ± 9.6 10634 AAC IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc) WLAN 8.80 ± 9.6 10635 AAC IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 10636 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 8.83 ± 9.6 10637 AAD IEEE 802.11ac WIFI (160MHz, MCS0, 90pc dc) WLAN 8.79 ± 9.6 10637 AAD IEEE 802.11ac WIFI (160MHz, MCS1, 90pc dc) WLAN 8.79 ± 9.6 10638 AAD IEEE 802.11ac WIFI (160MHz, MCS2, 90pc dc) WLAN 8.86 ± 9.6 10639 AAD IEEE 802.11ac WIFI (160MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 10640 AAD IEEE 802.11ac WIFI (160MHz, MCS4, 90pc dc) WLAN 8.98 ± 9.6 10641 AAD IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10642 AAD IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10643 AAD IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10644 AAD IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc) WLAN 9.05 ± 9.6 10644 AAD IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc) WLAN 9.05 ± 9.6 10645 AAD IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG IEEE 802.1 | 10629 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10632 | 10630 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10633 | 10631 | AAC | IEEE 802.11ac WIFi (80MHz, MCS5, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) WLAN 8.80 ± 9.6 10635 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 10636 AAD IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) WLAN 8.83 ± 9.6 10637 AAD IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) WLAN 8.79 ± 9.6 10638 AAD IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) WLAN 8.86 ± 9.6 10639 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 10640 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.98 ± 9.6 10641 AAD IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) WLAN 9.06 ± 9.6 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 9.05 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 9.05 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 10646 AAG LTE-TDD (SC-FDMA, 1 R8, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10647 AAF LTE-TDD (SC-FDMA, 1 R8, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10653 AAE LTE-TDD (OFDMA, 1 S MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10655 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10658 AAA Pulse Waveform (200Hz, 20%) Test 10.00 ± 9.6 10650 AAA Pulse Waveform (200Hz, 20%) Test 3.98 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 3.98 ± 9.6 10660 AAA Pulse Waveform (200Hz, 80%) Test 3.98 ± 9.6 10660 AAA Pulse Waveform (200Hz, 80%) Test 3.98 ± 9.6 10660 AAA Pulse Waveform (200Hz, 80%) Test 3.98 ± 9.6 | 10632 | AAC | IEEE 802.11ac WIFI (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10635 AAC | 10633 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10636 AAD | 10634 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10637 AAD | 10635 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10638 AAD IEEE 802.11ac WiFI (160MHz, MCS2, 90pc dc) WLAN 8.86 | 10636 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10639 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.85 | 10637 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10640 AAD IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) WLAN 8.98 ± 9.6 10641 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN 9.06 ± 9.6 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 8.89 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.11 ± 9.6 10646 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10661 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10662 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10662 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10662 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10662 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10662 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10662 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 20%) Test 5.99 ± 9.6 10660 AAA Pulse W | 10638 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10641 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 | 10639 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN 9.06 ± 9.6 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 8.89 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.11 ± 9.6 10646 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 | 10640 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) | WLAN | 8.98 | ± 9.6 % |
| 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 8.89 ± 9.6 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.11 ± 9.6 10646 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10659 AAA | 10641 | AAD | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.11 ± 9.6 10646 AAG LTE-TDD (SC-FDMA, 1 R8, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10647 AAF LTE-TDD (SC-FDMA, 1 R8, 20 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test | 10642 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10645 AAD IEEE 802.11ac WIFi (160MHz, MCS9, 90pc dc) WLAN 9.11 ± 9.6 10646 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 10.00 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10662 AAA | 10643 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10646 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 60%) Test 3.98 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Blue | 10644 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) | WLAN | 9.05 | ± 9.6 % |
| 10647 AAF LTE-TDD (SC-FDMA, 1 R8, 20 MHz, QPSK, UL Sub=2.7) LTE-TDD 11.96 ± 9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10852 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 60%) Test 3.98 ± 9.6 10662 AAA Pulse Waveform (200Hz, 60%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 <td>10645</td> <td>AAD</td> <td></td> <td>WLAN</td> <td>9,11</td> <td>± 9.6 %</td> | 10645 | AAD | | WLAN | 9,11 | ± 9.6 % |
| 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 10852 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | 10646 | \vdash | | LTE-TDD | 11.96 | ± 9.6 % |
| 10852 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | 10647 | AAF | | | _ | ± 9.6 % |
| 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | 10648 | AAA | 1001 | | | ± 9.6 % |
| 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | | | | | | ± 9.6 % |
| 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | 10653 | | | | _ | ± 9.6 % |
| 10658 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | 10654 | AAD | | LTE-TOD | - | ± 9.6 % |
| 10659 AAA Pulse Waveform (200Hz, 20%) Test 6.99 ± 9.6 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | | | | LTE-TDD | | ± 9.6 % |
| 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | | AAA | | | | ± 9.6 % |
| 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | | _ | | | | ± 9.6 % |
| 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | | + | | | _ | ± 9.6 % |
| 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 | | _ | | | | ± 9.6 % |
| | | | | | | ± 9.6 % |
| \perp 10671 \mid AAC \mid IEEE 802 11ay (20MHz MCS0 900c dc) \mid W/I ANI \mid Q 00 \mid \pm 9.6 | | - | | | _ | ± 9.6 % |
| | 10671 | AAC | IEEE 802.11ax (20MHz, MCS0, 90pc dc) | WLAN | 9.09 | ± 9.6 % |
| 10672 AAC IEEE 802.11ax (20MHz, MCS1, 90pc dc) WLAN 8.57 ± 9.6 | 10672 | AAC | IEEE 802.11ax (20MHz, MCS1, 90pc dc) | WLAN | 8.57 | ± 9.6 % |

| 10673 | AAC | IEEE 802.11ax (20MHz, MCS2, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
|-------|-------|--|------|------|---------|
| 10674 | AAC | IEEE 802.11ax (20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAC | IEEE 802.11ax (20MHz, MCS4, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAC | IEEE 802.11ax (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAC | IEEE 802.11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAC | IEEE 802.11ax (20MHz, MCS7, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAC | IEEE 802.11ax (20MHz, MCS8, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAC | IEEE 802.11ax (20MHz, MCS9, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAC | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 % |
| 10682 | AAC | IEEE 802.11ax (20MHz, MC\$11, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10683 | AAC | IEEE 802.11ax (20MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10684 | AAC | IEEE 802.11ax (20MHz, MCS1, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10685 | AAC | IEEE 802.11ax (20MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10686 | AAC | IEEE 802.11ax (20MHz, MCS3, 99pc dc) | WLAN | 8.28 | ± 9.6 % |
| 10687 | AAC | IEEE 802.11ax (20MHz, MCS4, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAC | IEEE 802.11ax (20MHz, MCS5, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAC | IEEE 802,11ax (20MHz, MCS6, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10690 | AAC | IEEE 802.11ax (20MHz, MC\$7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAC | IEEE 802.11ax (20MHz, MCS8, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAC | IEEE 802.11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAC | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAC | IEEE 802.11ax (40MHz, MC\$0, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10696 | AAC | IEEE 802.11ax (40MHz, MCS1, 90pc dc) | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAC | IEEE 802.11ax (40MHz, MC\$2, 90pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAC | IEEE 802.11ax (40MHz, MCS3, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAC | IEEE 802.11ax (40MHz, MCS4, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAC | IEEE 802.11ax (40MHz, MCS5, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10701 | AAC | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAC | IEEE 802.11ax (40MHz, MCS7, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAC | IEEE 802.11ax (40MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10704 | AAC | IEEE 802.11ax (40MHz, MCS9, 90pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAC | IEEE 802.11ax (40MHz, MC\$10, 90pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10707 | AAC | IEEE 802.11ax (40MHz, MCS0, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10708 | AAC | IEEE 802,11ax (40MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10709 | AAC | IEEE 802.11ax (40MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10710 | AAC | IEEE 802.11ax (40MHz, MCS3, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10711 | AAC | IEEE 802.11ax (40MHz, MCS4, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10711 | | IEEE 802.11ax (40MHz, MCS5, 99pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10713 | _ | IEEE 802.11ax (40MHz, MCS6, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10714 | AAC | IEEE 802.11ax (40MHz, MCS7, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10715 | AAC | IEEE 802.11ax (40MHz, MCS8, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10716 | | IEEE 802.11ax (40MHz, MCS9, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10717 | AAC | IEEE 802.11ax (40MHz, MCS10, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10717 | | IEEE 802.11ax (40MHz, MCS11, 99pc dc) | WLAN | 8.24 | ± 9.6 % |
| 10719 | | IEEE 802.11ax (80MHz, MCS0, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10719 | AAC | IEEE 802.11ax (80MHz, MCS1, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10721 | AAC | IEEE 802.11ax (80MHz, MCS2, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10721 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10723 | AAC | IEEE 802.11ax (80MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10723 | AAC | IEEE 802.11ax (80MHz, MCS5, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10725 | | IEEE 802.11ax (80MHz, MCS0, 30pc 6c) | WLAN | 8.72 | ± 9.6 % |
| 10727 | AAC | IEEE 802.11ax (80MHz, MCS7, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10728 | AAC | IEEE 802.11ax (80MHz, MCS9, 90pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10/20 | 1,000 | יייייייייייייייייייייייייייייייייייייי | 1 | 0,00 | |

Certificate No: EX3-7696_Jan22

| 10729 AAC IEEE 802.11ax (80MHz, MCS10, 90pc dc) WLAN 8.67 9.6 % 10731 AAC IEEE 802.11ax (80MHz, MCS0, 90pc dc) WLAN 8.46 4.9.6 % 10732 AAC IEEE 802.11ax (80MHz, MCS0, 90pc dc) WLAN 8.46 4.9.6 % 10734 AAC IEEE 802.11ax (80MHz, MCS2, 90pc dc) WLAN 8.40 4.9.6 % 10734 AAC IEEE 802.11ax (80MHz, MCS2, 90pc dc) WLAN 8.40 4.9.6 % 10735 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.35 4.9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.32 4.9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.27 4.9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.27 4.9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.27 4.9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.42 4.9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.42 4.9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.42 4.9.6 % 10740 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.42 4.9.6 % 10741 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.43 4.9.6 % 10743 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.44 4.9.6 % 10743 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.43 4.9.6 % 10743 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.43 4.9.6 % 10743 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.44 4.9.6 % 10743 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.44 4.9.6 % 10743 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.45 4.9.6 % 10744 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.94 4.9.6 % 10744 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.94 4.9.6 % 10744 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.94 4.9.6 % 10744 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.94 4.9.6 % 10745 AAC IEEE 802.11ax (100MHz, MCS0, 90pc dc) WLAN 8.93 4.9.6 % 10746 AAC IEEE 802.11ax (100MH | | | | | | |
|--|---------------|-----|--|---------------|-------------|----------------|
| 10731 AAC IEEE 802.11ax (80MHz, MCS0, 99pc do) | 10729 | AAC | IEEE 802.11ax (80MHz, MCS10, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10732 AAC IEEE 802.11ax (80MHz, MCS1, 99pc dc) WLAN 8.46 4.9.6 % | 10730 | AAC | IEEE 802,11ax (80MHz, MCS11, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10733 AAC IEEE 802.11ax (80MHz, MCS2, 99pc dc) | 10731 | AAC | IEEE 802.11ax (80MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10734 AAC LEEE 802-11ax (190MHz, MCS3, 99pc dc) | 10732 | AAC | IEEE 802.11ax (80MHz, MCS1, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10735 AAC IEEE 802.11ax (80MHz, MCS4, 99pc dc) WLAN 8.27 9.6 % 10736 AAC IEEE 802.11ax (80MHz, MCS5, 99pc dc) WLAN 8.27 9.6 % 10738 AAC IEEE 802.11ax (80MHz, MCS5, 99pc dc) WLAN 8.42 9.6 % 10739 AAC IEEE 802.11ax (80MHz, MCS7, 99pc dc) WLAN 8.42 9.6 % 10740 AAC IEEE 802.11ax (80MHz, MCS7, 99pc dc) WLAN 8.42 9.6 % 10740 AAC IEEE 802.11ax (80MHz, MCS9, 99pc dc) WLAN 8.42 9.6 % 10740 AAC IEEE 802.11ax (80MHz, MCS9, 99pc dc) WLAN 8.48 9.6 % 10741 AAC IEEE 802.11ax (80MHz, MCS9, 99pc dc) WLAN 8.40 9.6 % 10743 AAC IEEE 802.11ax (80MHz, MCS9, 99pc dc) WLAN 8.40 9.6 % 10743 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.40 9.6 % 10743 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.40 9.6 % 10745 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.16 9.6 % 10745 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.16 9.6 % 10745 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.16 9.6 % 10746 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.16 9.6 % 10747 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.16 9.6 % 10747 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.04 4.9.6 % 10749 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.04 4.9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.93 4.9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.90 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.90 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.90 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.91 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.91 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.91 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.91 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.91 9.6 | 10733 | AAC | IEEE 802.11ax (80MHz, MCS2, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10735 AAC IEEE 802.11ax (80MHz, MCS4, 99pc dc) | 10734 | AAC | IEEE 802.11ax (80MHz, MCS3, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10736 AAC | 10735 | AAC | IEEE 802.11ax (80MHz, MCS4, 99pc dc) | WLAN | | |
| 10737 AAC IEEE 802.11ax (80MHz, MCS5, 99pc dc) WLAN 8.42 ± 9.6 % 10739 AAC IEEE 802.11ax (80MHz, MCS5, 99pc dc) WLAN 8.42 ± 9.6 % 10740 AAC IEEE 802.11ax (80MHz, MCS6, 99pc dc) WLAN 8.48 ± 9.6 % 10740 AAC IEEE 802.11ax (80MHz, MCS6, 99pc dc) WLAN 8.48 ± 9.6 % 10742 AAC IEEE 802.11ax (80MHz, MCS10, 99pc dc) WLAN 8.48 ± 9.6 % 10742 AAC IEEE 802.11ax (80MHz, MCS10, 99pc dc) WLAN 8.40 ± 9.6 % 10742 AAC IEEE 802.11ax (100MHz, MCS10, 99pc dc) WLAN 8.40 ± 9.6 % 10742 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.91 ± 9.6 % 10744 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.91 ± 9.6 % 10745 AAC IEEE 802.11ax (100MHz, MCS1, 90pc dc) WLAN 8.91 ± 9.6 % 10745 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.6 % 10745 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 9.91 ± 9.6 % 10747 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 9.04 ± 9.6 % 10749 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 9.04 ± 9.6 % 10749 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.90 ± 9.6 % 10749 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.90 ± 9.6 % 10750 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.90 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.90 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEE | 10736 | AAC | IEEE 802.11ax (80MHz, MCS5, 99pc dc) | WLAN | | ± 9.6 % |
| 10738 | | AAC | IEEE 802.11ax (80MHz, MCS6, 99pc dc) | | | |
| 10739 | 10738 | AAC | | | | $\overline{}$ |
| 10740 AAC IEEE 802.11ax (80MHz, MCS10, 99pc dc) WLAN 8.48 ± 9.6 % 10742 AAC IEEE 802.11ax (80MHz, MCS11, 99pc dc) WLAN 8.40 ± 9.6 % 10743 AAC IEEE 802.11ax (80MHz, MCS11, 99pc dc) WLAN 8.94 ± 9.6 % 10743 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10745 AAC IEEE 802.11ax (100MHz, MCS1, 90pc dc) WLAN 8.94 ± 9.6 % 10745 AAC IEEE 802.11ax (100MHz, MCS1, 90pc dc) WLAN 8.93 ± 9.6 % 10745 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 % 10746 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 9.11 ± 9.6 % 10747 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 % 10748 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 % 10749 AAC IEEE 802.11ax (100MHz, MCS5, 90pc dc) WLAN 8.93 ± 9.6 % 10749 AAC IEEE 802.11ax (100MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 % 10750 AAC IEEE 802.11ax (100MHz, MCS6, 90pc dc) WLAN 8.79 ± 9.6 % 10751 AAC IEEE 802.11ax (100MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10753 AAC IEEE 802.11ax (100MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10753 AAC IEEE 802.11ax (100MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10753 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (100MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10756 | 10739 | AAC | IEEE 802.11ax (80MHz, MCS8, 99pc dc) | | | |
| 10741 AAC IEEE 802.11ax (80MHz, MCS1, 99pc dc) | | | IEEE 802.11ax (80MHz, MCS9, 99pc dc) | | | |
| 10742 AAC | $\overline{}$ | AAC | IEEE 802.11ax (80MHz, MCS10, 99pc dc) | | | |
| 10743 AAC | | | | | - | |
| 10744 AAC | | | | | | |
| 10745 | | | | | | |
| 10746 | | | | | | - |
| 10747 AAC IEEE 802.11ax (180MHz, MCS4, 90pc dc) | | | | | | |
| 10748 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.93 ± 9.6 % 10750 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.79 ± 9.6 % 10751 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 % 10752 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10753 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10753 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.81 ± 9.6 % 10754 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (160MHz, MCS11, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (160MHz, MCS11, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS1, 89pc dc) WLAN 8.77 ± 9.6 % 10757 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.77 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.69 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.58 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.58 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.58 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.59 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.59 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.59 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10767 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 1076 | | | | | | |
| 10749 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 % 10751 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.82 ± 9.6 % 10752 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10753 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10753 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10754 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.64 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.64 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.77 ± 9.6 % 10757 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.77 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.69 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.58 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.58 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS5, 90pc dc) WLAN 8.58 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.59 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.59 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.59 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.59 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.54 ± 9.6 % 10766 | | | | | | |
| 10750 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.79 ± 9.6 % 10751 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10753 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 9.00 ± 9.6 % 10753 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 9.00 ± 9.6 % 10754 AAC IEEE 802.11ax (160MHz, MCS11, 90pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (160MHz, MCS11, 90pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.77 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.77 ± 9.6 % 10757 AAC IEEE 802.11ax (160MHz, MCS2, 90pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.77 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.58 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.58 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.58 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS4, 90pc dc) WLAN 8.49 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.58 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.58 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.58 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.54 ± 9.6 % 10766 AAC | | | | | - :: | - |
| 10751 AAC | | | | | | |
| 10752 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10753 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 9.00 ± 9.6 % 10755 AAC IEEE 802.11ax (160MHz, MCS0, 89pc dc) WLAN 8.94 ± 9.6 % 10755 AAC IEEE 802.11ax (160MHz, MCS0, 89pc dc) WLAN 8.64 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS1, 89pc dc) WLAN 8.77 ± 9.6 % 10757 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.58 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.49 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.58 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.58 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.58 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.53 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10767 AAE 56 NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 % 10769 AAD 5G NR (CP-OFDM, 1 RB, 50 Mz, 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 % 10772 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % | | | | | | |
| 10753 AAC | | | | | | |
| 10754 AAC IEEE 802.11ax (160MHz, MCS0, 99pc dc) WLAN 8.94 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS0, 99pc dc) WLAN 8.64 ± 9.6 % 10757 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.69 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.58 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.53 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.53 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.54 ± 9.6 % 10767 AAE 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.99 ± 9.6 % 10768 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 8.01 ± 9.6 % 10771 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G | | | | | | |
| 10755 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.64 ± 9.6 % 10756 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.77 ± 9.6 % 10757 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.58 ± 9.5 % 10760 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.49 ± 9.8 % 10761 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10768 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10 | _ | | | | | |
| 10756 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.77 ± 9.6 % 10757 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 % 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 1 | | | | | | |
| 10757 | | | | | | |
| 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 % 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) 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, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10788 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, | | | | | | |
| 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.49 ± 9.6 % 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.58 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) 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 % 10771 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10772 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, 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 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM | | | | | | - |
| 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 % 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.58 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 % 10767 AAE SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 7.99 ± 9.6 % 10768 AAD SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.01 ± 9.6 % 10769 AAD SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.01 ± 9.6 % 10770 AAD SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.02 ± 9.6 % 10771 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.02 ± 9.6 % 10773 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.02 ± 9.6 % 10773 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.02 ± 9.6 % 10773 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.02 ± 9.6 % 10773 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.03 ± 9.6 % 10774 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.03 ± 9.6 % 10775 AAD SG NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.30 ± 9.6 % 10776 AAD SG NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.31 ± 9.6 % 10778 AAD SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.34 ± 9.6 % 10778 AAD SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.34 ± 9.6 % 10781 AAD SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.38 ± 9.6 % 10782 AAD SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK | | | | | | $\overline{}$ |
| 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.58 ± 9.6 % 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.51 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) 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, 20 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, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % | | | | | <u> </u> | |
| 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 % 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) 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, 20 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, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10772 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, 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 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | | | | | | |
| 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 % 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.51 ± 9.6 % 10767 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.99 ± 9.6 % 10768 AAD 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 % 10769 AAD 5G NR (CP-OFDM, 1 RB, 20 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 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.42 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 % 10782 AAD 5G NR (CP-OFDM, 50% RB, 30 | | | | | | |
| 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 % 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) 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, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 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, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10772 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10778 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10780 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 % 10782 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.33 ± 9.6 % 10783 AAE 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 % | | | | | | |
| 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 % 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) 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 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD | | | | | | |
| 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) 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 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 | | | | | | |
| 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, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10772 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD< | | | | | | _ |
| 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 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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 | | | | | | |
| 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 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, 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, 30 MHz, QPSK, 15 kHz) 5G NR FR1 | | | | | | |
| 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 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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 % 10780 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 % 10781 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR | | | | | | |
| 10771 AAD 5G NR (CP-OFDM. 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10772 AAD 5G NR (CP-OFDM. 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.6 % 10773 AAD 5G NR (CP-OFDM. 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM. 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM. 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM. 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM. 50% RB, 15 MHz, 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 % 10780 AAD 5G NR (CP-OFDM. 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 % 10781 AAD 5G NR (CP-OFDM. 50% RB, 30 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 | $\overline{}$ | | | | | |
| 10772 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.6 % 10773 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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 8.34 ± 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) 5 | | | | | | |
| 10773 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 % 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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) <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | |
| 10774 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 % 10775 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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 % | | | | | | |
| 10775 AAD 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % 10776 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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 % | | | | | | |
| 10776 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 % 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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 % | | | | | | |
| 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, 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 % | | | <u> </u> | | | |
| 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 % | | _ | | | | |
| 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 % | | | | - | | |
| 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 % | | | | | | |
| 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 % | | | | | | |
| 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 % | | | | | | |
| 10783 AAE 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 % | | | | | | |
| | | _ | | | | 1 |
| 10784 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.29 ± 9.6 % | | | | | | |
| | 10784 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kH2) | 5G NR FR1 TDD | 8.29 | <u>± 9.6 %</u> |

| 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 TOD | 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, 15 MHz, 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 | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 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 | 7.82 | ± 9.6 % |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | 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 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10825 | AAD | 5G NR (CP-OFDM, 100% RB, 60 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 | 8.42 | ± 9.6 % |
| 10828 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 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 | AAO | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.73 | ± 9.6 % |
| 10832 | | 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 % |

Certificate No: EX3-7696_Jan22

Report No.: SFBFLF-WTW-P22110085

| 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 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10870 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | ± 9.6 % |
| 10871 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10872 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ± 9.6 % |
| 10873 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10874 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10875 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10876 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.39 | ± 9.6 % |
| 10877 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ± 9.6 % |
| 10878 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10879 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.12 | ± 9.6 % |
| 10880 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz) | 5G NR FR2 TDD | 8.38 | ± 9.6 % |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10882 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.96 | ± 9.6 % |
| 10883 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.57 | ± 9.6 % |
| 10884 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.53 | ± 9.6 % |
| 10885 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10886 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10887 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | ± 9.6 % |
| 10889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.02 | ± 9.6 % |
| 10890 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.40 | ± 9.6 % |
| 10891 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.13 | ± 9.6 % |
| 10892 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10897 | AAÇ | 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 | AA8 | 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 % |
| 10908 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.96 | ±9.6% |
| 10910 | AA8 | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ±9.6 % |
| 10911 | AA B | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ±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 % |
| | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10920 | | | | 1 | |
| 10920 10921 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |

| | | | | _ | |
|-------------------------|------|---|--------------------------------|-------|---------|
| 10923 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10924 | AAB | 5G NR (DFT-s-QFDM, 100% R8, 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 FR1 FDD | 5.51 | ± 9.6 % |
| 10936 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10937 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.77 | ± 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) | | 5.87 | ± 9.6 % |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | | 5.92 | ± 9.6 % |
| 10952 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD 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, 13 MHz, 64-QAM, 15 kHz) | | | ± 9.6 % |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.42 | ± 9.6 % |
| | | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.14 | |
| 10957 | AAA | | 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 | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.40 | ± 9.6 % |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10964 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ± 9.6 % |
| 10965 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.37 | ± 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 | 2.23 | ± 9.6 % |
| 10979 | AAA | ULLA HDR4 | ULLA | 7.02 | ± 9.6 % |
| | | ULLA HDR8 | ULLA | 8.82 | ± 9.6 % |
| 10980 | AAA | CELATION | | - | |
| 10980 10981 10982 | AAA | ULLA HDRp4 ULLA HDRp8 | ULLA ULLA | 1.50 | ±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.

Certificate No: EX3-7696_Jan22