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Appendix B - DAE & Probe Calibration Certificate

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





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SGS-TW (Auden)

Accreditation No.: SCS 0108

| Object | DAE4 - SD 000 D | 04 BO - SN: 1719 | |
|--|--|---|--|
| Calibration procedure(s) | QA CAL-06,v30 Calibration proces | dure for the data acquisition ele | ectronics (DAE) |
| Calibration date: | March 25, 2022 | | |
| his calibration certificate docum he measurements and the unce | nents the traceability to natio | nal standards, which realize the physical u obability are given on the following pages a | nits of measurements (SI). and are part of the certificate. |
| VI calibrations have been condu | cted in the closed laboratory | facility: environment temperature (22 ± 3) | °C and humidity < 70%, |
| Sellingston Control of the Control o | 2000 | | |
| Calibration Equipment used (M& | TE critical for calibration) | | |
| rimary Standards | TE critical for calibration) | Cal Date (Certificate No.) | Scheduled Calibration |
| rimary Standards | Lance Contract Contra | Cal Date (Certificate No.) 31-Aug-21 (No:31368) | Scheduled Calibration Aug-22 |
| Primary Standards Ceithley Multimeter Type 2001 | (ID # | | Aug-22 |
| Primary Standards Ceithley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit Calibrator Box V2.1 | ID # SN: 0810278 ID # SE UWS 053 AA 1001 | 31-Aug-21 (No:31368) | |
| Primary Standards Ceithley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit | ID # SN: 0810278 ID # SE UWS 053 AA 1001 | 31-Aug-21 (No:31368) Check Date (in house) 24-Jan-22 (in house check) | Aug-22 Scheduled Check In house check: Jan-23 In house check: Jan-23 |
| Primary Standards Ceithley Multimeter Type 2001 Secondary Standards Suto DAE Calibration Unit | ID # SN: 0810278 ID # SE UWS 053 AA 1001 SE UMS 006 AA 1002 | 31-Aug-21 (No:31368) Check Date (in house) 24-Jan-22 (in house check) 24-Jan-22 (in house check) | Aug-22 Scheduled Check In house check: Jan-23 In house check: Jan-23 Signature |
| Primary Standards Seithley Multimeter Type 2001 Secondary Standards Suito DAE Calibration Unit Salibrator Box V2.1 | ID # SN: 0810278 ID # SE UWS 053 AA 1001 SE UWS 006 AA 1002 | 31-Aug-21 (No:31368) Check Date (in house) 24-Jan-22 (in house check) 24-Jan-22 (in house check) | Aug-22 Scheduled Check In house check: Jan-2: In house check: Jan-2: |
| eithley Multimeter Type 2001 econdary Standards uto DAE Calibration Unit alibrator Box V2.1 | ID # SN: 0810278 ID # SE UWS 053 AA 1001 SE UMS 006 AA 1002 Name Dominiqua Staffen | 31-Aug-21 (No:31368) Check Date (in house) 24-Jan-22 (in house check) 24-Jan-22 (in house check) Function Laboratory Technician | Aug-22 Scheduled Check: Ja In house check: Ja In house check: Ja Signature |

Certificate No: DAE4-1719_Mar22

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Glossary

DAE data acquisition electronics

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

coordinate system.

Methods Applied and Interpretation of Parameters

DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.

- Connector angle: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
 - DC Voltage Measurement Linearity: Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
 - Common mode sensitivity: Influence of a positive or negative common mode voltage on the differential measurement.
 - Channel separation: Influence of a voltage on the neighbor channels not subject to an input voltage.
 - AD Converter Values with inputs shorted: Values on the internal AD converter corresponding to zero input voltage
 - Input Offset Measurement. Output voltage and statistical results over a large number of zero voltage measurements.
 - Input Offset Current: Typical value for information; Maximum channel input offset current, not considering the input resistance.
 - Input resistance: Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
 - Low Battery Alarm Voltage: Typical value for information. Below this voltage, a battery alarm signal is generated.
 - Power consumption: Typical value for information. Supply currents in various operating modes.

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DC Voltage Measurement

A/D - Converter Resolution nominal

High Range: 1LSB = 6.1uV. full range = -100...+300 mV Low Range: 1LSB = 61nV full range = -1......+3mV DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

| Calibration Factors | X | У | 2 |
|---------------------|-----------------------|-----------------------|-----------------------|
| High Range | 404.196 ± 0.02% (k=2) | 404.629 ± 0.02% (k=2) | 404.237 ± 0.02% (k=2) |
| Low Range | 3.98041 ± 1.50% (km2) | 3.96782 ± 1.50% (k=2) | 4.00318 ± 1.50% (k=2) |

Connector Angle

| Connector Angle to be used in DASY system | 353.0 °±1 ° |
|---|-------------|

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Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

| High Range | Reading (µV) | Difference (µV) | Error (%) |
|-------------------|--------------|-----------------|-----------|
| Channel X + Input | 199991.48 | -1.02 | →0.00 |
| Channel X + Input | 20003.08 | 1.22 | 0.01 |
| Channel X - Input | -19999.24 | 2.34 | -0.01 |
| Channel Y + Input | 199990.44 | -2.03 | -0.00 |
| Channel Y + Input | 20000.95 | -0,81 | -0.00 |
| Channel Y - Input | -20001.13 | 0.55 | -0.00 |
| Channel Z + Input | 199992.21 | -0.09 | -0.00 |
| Channel Z + Input | 20001.62 | 0.09 | 0.00 |
| Channel Z - Input | -20002.98 | -1.25 | 0.01 |

| Low Range | Reading (µV) | Difference (µV) | Error (%) |
|-------------------|--------------|-----------------|-----------|
| Channel X + Input | 2000.87 | -0.20 | -0.01 |
| Channel X + Input | 201.71 | 0.18 | 0.09 |
| Channel X - Input | -198.39 | -0.05 | 0.02 |
| Channel Y + Input | 2001.00 | -0.08 | -0.00 |
| Channel Y + Input | 200,99 | -0.53 | -0.26 |
| Channel Y - Input | -199.03 | -0.63 | 0.32 |
| Channel Z + Input | 2001.10 | 0.23 | 0.01 |
| Channel Z + Input | 200,12 | -1.26 | -0.63 |
| Channel Z - Input | 199.93 | -1.42 | 0.71 |

2. Common mode sensitivity

DASY measurement parameters; Auto Zero Time: 3 sec; Measuring time: 3 sec

| | Common mode Input Voltage (mV) | High Range Average Reading (μV) | Low Range Average Reading (µV) |
|-----------|-----------------------------------|------------------------------------|-----------------------------------|
| Channel X | 200 | 15,19 | 13.86 |
| | - 200 | -13.91 | -15.61 |
| Channel Y | 200 | -7.17 | -7.63 |
| | - 200 | 6.73 | 6.29 |
| Channel Z | 200 | -4.73 | -4.94 |
| | - 200 | 3.07 | 2.61 |

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

| | Input Voltage (mV) | Channel X (µV) | Channel Y (µV) | Channel Z (µV) |
|-----------|--------------------|----------------|----------------|----------------|
| Channel X | 200 | | 3.74 | -2.85 |
| Channel Y | 200 | 6.45 | | 4.88 |
| Channel Z | 200 | 8.21 | 5.15 | |

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4. AD-Converter Values with inputs shorted

DASY measurement parameters: Auto Zero Time: 3 sec: Measuring time: 3 sec

| | High Range (LSB) | Low Range (LSB) |
|-----------|------------------|-----------------|
| Channel X | 15961 | 16270 |
| Channel Y | 16199 | 16612 |
| Channel Z | 16006 | 17064 |

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec Input 10MΩ

| | Average (μV) | min. Offset (μV) | max. Offset (μV) | Std. Deviation (µV) |
|-----------|--------------|------------------|------------------|------------------------|
| Channel X | 0.03 | -1.95 | 0.93 | 0.41 |
| Channel Y | -0.39 | -1.98 | 0.21 | 0.35 |
| Channel Z | -0.51 | -1.16 | 0.20 | 0.32 |

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

| | Zeroing (kOhm) | Measuring (MOhm) |
|-----------|----------------|------------------|
| Channel X | 200 | 200 |
| Channel Y | 200 | 200 |
| Channel Z | 200 | 200 |

8. Low Battery Alarm Voltage (Typical values for Information)

| Typical values | Alarm Level (VDC) +7.9 | |
|----------------|------------------------|--|
| Supply (+ Vcc) | | |
| Supply (- Vcc) | -7.6 | |

9. Power Consumption (Typical values for information)

| Typical values | Switched off (mA) | Stand by (mA) | Transmitting (mA) |
|----------------|-------------------|---------------|-------------------|
| Supply (+ Vcc) | +0.01 | +6 | *14 |
| Supply (- Vcc) | -0.01 | -8 | 9 |

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SGS - TW (Auden)

Accreditation No.: SCS 0108

Certificate No: DAE4-1665 Feb22

| Object | DAE4 - SD 000 D | 04 BO - SN: 1665 | |
|---|---|---|--|
| Calibration procedure(s) | QA CAL-06.v30 Calibration proced | dure for the data acquisition elec | tronics (DAE) |
| Calibration date: | February 28, 2022 | 2 | |
| | | nal standards, which realize the physical uni | |
| | | | |
| All calibrations have been conduc | cted in the closed laboratory | facility: environment temperature (22 ± 3)°C | and humidity < 70%. |
| | | facility: environment temperature (22 \pm 3)°C | and humidity < 70%. |
| Calibration Equipment used (M& | TE critical for calibration) | Cal Date (Certificate No.) | Scheduled Calibration |
| Calibration Equipment used (M& | TE critical for calibration) | | |
| Calibration Equipment used (M& Primary Standards Keithley Multimeter Type 2001 | TE critical for calibration) | Cal Date (Certificate No.) | Scheduled Calibration |
| Calibration Equipment used (M& Primary Standards Keithley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit | ID # SN: 0810278 ID # SE UWS 053 AA 1001 | Cal Date (Certificate No.) 31-Aug-21 (No:31368) | Scheduled Calibration Aug-22 |
| Calibration Equipment used (M& Primary Standards Keithley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit | ID # SN: 0810278 ID # SE UWS 053 AA 1001 | Cal Date (Certificate No.) 31-Aug-21 (No:31368) Check Date (in house) 24-Jan-22 (in house check) | Scheduled Calibration Aug-22 Scheduled Check In house check: Jan-23 In house check: Jan-23 |
| Calibration Equipment used (M& Primary Standards Keithley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit Calibrator Box V2.1 | ID # SN: 0810278 ID # SE UWS 053 AA 1001 SE UMS 006 AA 1002 | Cal Date (Certificate No.) 31-Aug-21 (No:31368) Check Date (in house) 24-Jan-22 (in house check) 24-Jan-22 (in house check) | Scheduled Calibration Aug-22 Scheduled Check In house check: Jan-23 |
| All calibrations have been conducted and calibration Equipment used (M& Primary Standards Keithley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit Calibrator Box V2.1 Calibrated by: Approved by: | ID # SN: 0810278 ID # SE UWS 053 AA 1001 SE UMS 006 AA 1002 Name | Cal Date (Certificate No.) 31-Aug-21 (No:31368) Check Date (in house) 24-Jan-22 (in house check) 24-Jan-22 (in house check) | Scheduled Calibration Aug-22 Scheduled Check In house check: Jan-23 In house check: Jan-23 |

Certificate No: DAE4-1665 Feb22

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Glossarv

DAE data acquisition electronics

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

coordinate system.

Methods Applied and Interpretation of Parameters

- DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- Connector angle: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
 - DC Voltage Measurement Linearity: Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this
 - Common mode sensitivity: Influence of a positive or negative common mode voltage on the differential measurement.
 - Channel separation: Influence of a voltage on the neighbor channels not subject to an input voltage.
 - AD Converter Values with inputs shorted: Values on the internal AD converter corresponding to zero input voltage
 - Input Offset Measurement. Output voltage and statistical results over a large number of zero voltage measurements.
 - Input Offset Current: Typical value for information; Maximum channel input offset current, not considering the input resistance.
 - Input resistance: Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
 - Low Battery Alarm Voltage: Typical value for information. Below this voltage, a battery alarm signal is generated.
 - Power consumption: Typical value for information. Supply currents in various operating modes.

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DC Voltage Measurement

A/D - Converter Resolution nominal High Range: 1LSB =

full range = -100...+300 mV 6.1µV. High Range: 1LSB = 61nV , full range = -1.....+3mV Low Range: DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

| Calibration Factors | X | Υ | Z |
|---------------------|-----------------------|-----------------------|-----------------------|
| High Range | 404.538 ± 0.02% (k=2) | 404.846 ± 0.02% (k=2) | 404.799 ± 0.02% (k=2) |
| Low Range | 3.97984 ± 1.50% (k=2) | 4.00706 ± 1.50% (k=2) | 3.97892 ± 1.50% (k=2) |

Connector Angle

| Connector Angle to be used in DASY system | 67.5 ° ± 1 ° |
|---|--------------|

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Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

| High Range | Reading (μV) | Difference (μV) | Error (%) |
|-------------------|--------------|-----------------|-----------|
| Channel X + Input | 199994.01 | 0.74 | 0.00 |
| Channel X + Input | 20001.99 | 0.13 | 0.00 |
| Channel X - Input | -20001.31 | 0.21 | -0.00 |
| Channel Y + Input | 199989.61 | -3.62 | -0.00 |
| Channel Y + Input | 20000.37 | -1.46 | -0.01 |
| Channel Y - Input | -20002.22 | -0.64 | 0.00 |
| Channel Z + Input | 199995.34 | 2.10 | 0.00 |
| Channel Z + Input | 19997.55 | -4.30 | -0.02 |
| Channel Z - Input | -20003.98 | -2.43 | 0.01 |

| Channel X + Input 2000.61 -0.18 Channel X + Input 201.51 0.25 | -0.01 |
|---|-------|
| Channel X + Input 201.51 0.25 | |
| | 0.13 |
| Channel X - Input -198.43 -0.05 | 0.02 |
| Channel Y + Input 2001.19 0.29 | 0.01 |
| Channel Y + Input 200.89 -0.45 | -0.22 |
| Channel Y - Input -198.94 -0.49 | 0.24 |
| Channel Z + Input 2000.93 0.12 | 0.01 |
| Channel Z + Input 199.86 -1.37 | -0.68 |
| Channel Z - Input -199.91 -1.34 | 0.68 |

2. Common mode sensitivity

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

| | Common mode Input Voltage (mV) | High Range Average Reading (μV) | Low Range Average Reading (μV) |
|-----------|-----------------------------------|------------------------------------|-----------------------------------|
| Channel X | 200 | -2.56 | -4.08 |
| | - 200 | 5.04 | 3.18 |
| Channel Y | 200 | 1.55 | 0.85 |
| | - 200 | -2.56 | -2.50 |
| Channel Z | 200 | -14.89 | -14.80 |
| | - 200 | 13.36 | 12.52 |

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

| | Input Voltage (mV) | Channel X (µV) | Channel Y (μV) | Channel Z (μV) |
|-----------|--------------------|----------------|----------------|----------------|
| Channel X | 200 | | 0.23 | -2.92 |
| Channel Y | 200 | 4.73 | * | 1.35 |
| Channel Z | 200 | 8.05 | 2.29 | - |

Certificate No: DAE4-1665 Feb22

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4. AD-Converter Values with inputs shorted

Measuring time: 3 sec

| | High Range (LSB) | Low Range (LSB) |
|-----------|------------------|-----------------|
| Channel X | 16097 | 16090 |
| Channel Y | 16137 | 13762 |
| Channel Z | 16309 | 15672 |

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

| | Average (μV) | min. Offset (μV) | max. Offset (μV) | Std. Deviation (µV) |
|-----------|--------------|------------------|------------------|---------------------|
| Channel X | 0.70 | -0.02 | 1.57 | 0.30 |
| Channel Y | -0.24 | -1.38 | 0.80 | 0.42 |
| Channel Z | -0.59 | -1.93 | 0.05 | 0.35 |

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

| | Zeroing (kOhm) | Measuring (MOhm) |
|-----------|----------------|------------------|
| Channel X | 200 | 200 |
| Channel Y | 200 | 200 |
| Channel Z | 200 | 200 |

8. Low Battery Alarm Voltage (Typical values for information)

| Typical values | Alarm Level (VDC) |
|----------------|-------------------|
| Supply (+ Vcc) | +7.9 |
| Supply (- Vcc) | -7.6 |

9. Power Consumption (Typical values for information)

| Typical values | Switched off (mA) | Stand by (mA) | Transmitting (mA) |
|----------------|-------------------|---------------|-------------------|
| Supply (+ Vcc) | +0.01 | +6 | +14 |
| Supply (- Vcc) | -0.01 | -8 | -9 |

Certificate No: DAE4-1665_Feb22

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





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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

SGS-TW (Auden)

Certificate No: EX3-7712_Mar22

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7712

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:

March 21, 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 | 05-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 | 51-Mar-14 (In house check Oct-20) | In house check. Oct-22 |

| | Name | Function | Signature |
|---------------|----------------|-----------------------|------------------------|
| Calibrated by | Jefon Kastrali | Laboratory Technician | + 1/2- |
| Approved by: | Sven Kühn | Deputy Manager | 5. 5 |
| | | | Issued: March 22, 2022 |

Certificate No. EX3-7712 Mar22

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Glossary:

tissue simulating liquid TSL NORMx,y,z sensitivity in free space sensitivity in TSL / NORMx,y.z. ConvF DCP diode compression point

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

Polarization (p. up rotation around probe axis

A rotation around an axis that is in the plane normal to probe axis (at measurement center). Polarization A

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 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
- 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).

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March 11, 2022 EX3DV4 - SN:7712

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7712

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|-----------------------|----------|----------|----------|-----------|
| Norm (µV/(V/m)2)4 | 0,65 | 0.59 | 0.61 | ± 10.1 % |
| DCP (mV) ^g | 102.0 | 105.9 | 106.9 | |

Calibration Posulte for Modulation Pagnongo

| UID | Communication System Name | | dB | B dΒνμV | C | dB | WR mV | Max dev. | Max Unc ^E (k=2) | |
|--------|--|----|-------|------------|-------|-------|----------------|-------------|----------------------------------|-------|
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 155.4 | ±2.5 % | ± 4.7 % | |
| 7 | | Y | 0.00 | 0.00 | 1.00 | | 158.4 | | | |
| | | 2 | 0.00 | 0.00 | 1.00 | | 178.1 | | 37.0 | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 1.42 | 60.19 | 5.80 | 10.00 | 60.0 | ± 2.6 % | ±9.6 % | |
| AAA | | Y | 1.35 | 60.00 | 6.00 | | 60.0 | Para San | 100 | |
| | | Z | 1.42 | 60.06 | 5.83 | | 60.0 | | | |
| 10353- | Pulse Waveform (200Hz, 20%) | X | 48,00 | 76.00 | 9.00 | 6.99 | 80.0 | ± 2.5 % | ±9.6% | |
| AAA | Tarriton formation | Y | 22,00 | 74.00 | 9,00 | | 80.0 | Part of | | |
| | | Z | 0.79 | 60.00 | 4,54 | 80.0 | | | | |
| 10354- | Pulse Waveform (200Hz, 40%) | X | 0.33 | 123.27 | 1.04 | 3.98 | 95.0 | ±2.7% | ±9.69 | |
| AAA | [| Y | 0.23 | 147.17 | 0.18 | 10000 | 95.0 95.0 | 95.0 | 1 1 2 2 4 | 2 |
| | the second secon | 2 | 0.01 | 129.05 | 0.12 | | | | 100 | |
| 10355- | Pulse Waveform (200Hz, 60%) | X | 5.06 | 159.96 | 12.80 | 2.22 | 120.0 | 120.0 | ±1.6% | ±9.6% |
| AAA | Language and Market Market | Y | 7.62 | 159.83 | 20.24 | 1 | 120.0 | 1.7 | | |
| | A Part of the State of the Stat | 2 | 2.84 | 159.99 | 2.28 | | 120.0 | | | |
| 10387- | QPSK Waveform, 1 MHz | X | 0.75 | 66.06 | 12.99 | 1.00 | 150.0 | ±4.2% | ± 9.6 % | |
| AAA | The State of the S | Y | 0.71 | 66.36 | 13.64 | 1,000 | 150.0 | FA | | |
| | | Z | 0.50 | 63.56 | 11.99 | | 150.0 | | | |
| 10388- | QPSK Waveform, 10 MHz | X | 1.48 | 66.38 | 14.36 | 0.00 | 150.0 | ± 1.1 % | ±96% | |
| AAA | Service American American | Y | 1.49 | 66.96 | 14.60 | 100 | 150.0 | 1 | | |
| | All Annual Control of the Control of | 2 | 1.29 | 65.85 | 13.68 | | 150.0 | | | |
| 10396- | 64-QAM Waveform, 100 kHz | X | 1.68 | 64.69 | 16.21 | 3.01 | 150.0 | ±1.1% | ±9.69 | |
| AAA | The second secon | Y | 1.66 | 64.27 | 15.90 | 1 | 150.0 | | | |
| | | Z | 1.71 | 64.94 | 16.06 | | 150.0 | | | |
| 10399- | 64-QAM Waveform, 40 MHz | X | 2.95 | 66.42 | 15.25 | 0.00 | 150.0 150.0 | ±2.2 % | ± 9.6 9 | |
| AAA | | Y | 2.95 | 66.72 | 15.39 | | | - 25 4 | - | |
| | | Z | 2.78 | 66.26 | 15.04 | | 150.0 | 1 | | |
| 10414 | WLAN CCDF, 64-QAM, 40MHz | X. | 4.02 | 65.97 | 15.44 | 0.00 | 150.0 | ± 4.0 % | ± 9.63 | |
| AAA | | Y | 3,97 | 66.29 | 15.52 | | 150.0 | D-0. | | |
| | | 2 | 3.74 | 65.94 | 15.20 | | 150.0 | 1 | | |

Note: For details on UID parameters see Appendix

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

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The uncertainties of Norm X,Y,Z do not affect the E¹-field uncertainty inside TSL (see Pages 5 and 6).

Numerical linearization parameter, uncertainty not required.

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



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EX3DV4- SN:7712 March 21, 2022

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7712

Sensor Model Parameters

| - | C1 fF | C2 fF | α V-1 | T1 ms.V-2 | T2 ms.V ⁻¹ | T3 ms | T4 V-2 | T5 V-1 | Т6 |
|---|----------|----------|----------|--------------|--------------------------|----------|-----------|-----------|------|
| X | 12.5 | 92.88 | 35.20 | 2.98 | 0.00 | 4.90 | 0.28 | 0.02 | 1.00 |
| Y | 10.7 | 78.15 | 34.08 | 3.89 | 0.00 | 4.90 | 0.47 | 0.00 | 1.00 |
| Z | 9.3 | 67.46 | 33.91 | 2.23 | 0.00 | 4.90 | 0.53 | 0.00 | 1.00 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle (°) | -93.8 |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disabled |
| Probe Overall Length | 337 mm |
| Probe Body Diameter | 10 mm |
| Tip Length | 9 mm |
| Tip Diameter | 2.5 mm |
| Probe Tip to Sensor X Calibration Point | 1 mm |
| Probe Tip to Sensor Y Calibration Point | 1 mm |
| Probe Tip to Sensor Z Calibration Point | 1 mm |
| Recommended Measurement Distance from Surface | 1.4 mm |

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

Certificate No: EX3-7712_Mar22

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March 21, 2022 EX3DV4-SN:7712

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7712

Calibration Parameter Determined in Head Tissue Simulating Media

| r (MHz) c | Relative Permittivity | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha [©] | Depth ^a (mm) | Unc (k=2) |
|-----------|--------------------------|------------------------------------|---------|---------|---------|--------------------|----------------------------|--------------|
| 750 | 41.9 | 0.89 | 11.14 | 11.14 | 11.14 | 0,55 | 0.80 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 10.87 | 10.87 | 10.87 | 0.37 | 0.99 | ± 12.0 % |
| 900 | 41.5 | 0.97 | 10.67 | 10.67 | 10.67 | 0.43 | 0.85 | ± 12.0 % |
| 1450 | 40.5 | 1.20 | 9.12 | 9.12 | 9.12 | 0.46 | 0.80 | ± 12 0 % |
| 1750 | 40.1 | 1,37 | 9.03 | 9.03 | 9.03 | 0.32 | 0.86 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 8.54 | 8.54 | 8.54 | 0.38 | 0.86 | ± 12.0 % |
| 2000 | 40.0 | 1.40 | 8.49 | 8.49 | 8.49 | 0.36 | 0.86 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 8.46 | 8.46 | 8.46 | 0,38 | 0.90 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 8.16 | 8.16 | 8.16 | 0.36 | 0.90 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 7.91 | 7.91 | 7.91 | 0.40 | 0.90 | ± 12.0 % |
| 3300 | 38.2 | 2.71 | 7.58 | 7.58 | 7.58 | 0.30 | 1.35 | ± 13.1 9 |
| 3500 | 37.9 | 2.91 | 7.55 | 7.55 | 7,55 | 0.30 | 1.35 | ± 13.1 9 |
| 3700 | 37.7 | 3.12 | 7 25 | 7.25 | 7.25 | 0.30 | 1.35 | ± 13.1 % |
| 3900 | 37.5 | 3,32 | 7.03 | 7.03 | 7.03 | 0.40 | 1.60 | ± 13.1 % |
| 4100 | 37.2 | 3.53 | 6,89 | 6,89 | 6.89 | 0.40 | 1.60 | ± 13.1 9 |
| 4200 | 37.1 | 3.63 | 6.80 | 8.80 | 6.80 | 0.40 | 1.70 | ±13.1 % |
| 4400 | 36.9 | 3.84 | 6.66 | 6.66 | 6.66 | 0.40 | 1.70 | ± 13.1 % |
| 4600 | 36.7 | 4.04 | 6.60 | 6.60 | 6.60 | 0.40 | 1.70 | ± 13.1 9 |
| 4800 | 36.4 | 4.25 | 6.58 | 6.58 | 6.58 | 0.45 | 1.80 | ± 13.1 9 |
| 4950 | 36.3 | 4.40 | 6.25 | 6.25 | 6.25 | 0.40 | 1.80 | ± 13.1 9 |
| 5250 | 35.9 | 4.71 | 5.94 | 5.94 | 5.94 | 0.40 | 1.80 | ± 13.1 9 |
| 5600 | 35.5 | 5.07 | 5.29 | 5.29 | 5.29 | 0.40 | 1.80 | ± 13.1 9 |
| 5750 | 35.4 | 5.22 | 5.45 | 5.45 | 5.45 | 0.40 | 1.80 | ± 13.19 |

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.

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b MITZ is 4-9 MITZ, and Conting assessed at 13 MITZ is 3-19 MITZ. Adopte 5 GITZ requencies below 3 GHz, the validity of tissue parameters (a and n) can be related to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (c and n) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated larget tissue parameters.

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

diameter from the boundary



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DASY/EASY - Parameters of Probe: EX3DV4 - SN:7712

Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) ^c | Relative Permittivity F | Conductivity (S/m) F | ConvF X | ConvF Y | ConvF Z | Al pha ^G | Depth ^G (mm) | Unc (k=2) |
|----------------------|----------------------------|-------------------------|---------|---------|---------|---------------------|----------------------------|--------------|
| 6500 | 34.5 | 6.07 | 5.60 | 5.60 | 5,60 | 0.20 | 2.50 | ± 18.6 % |
| 7000 | 33,9 | 6.65 | 5.70 | 5.70 | 5.70 | 0.25 | 2.60 | ± 18.6 % |

Frequency validity above BSHz is \$ 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for

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It is indicated frequency band.

"At frequencies 6-10 GHz, the validity of lisaue parameters (a and n) 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 larget tissue parameters.

"Alpha/Depth are determined during califoration. 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.

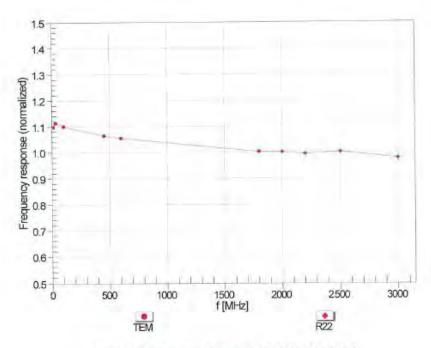


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Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

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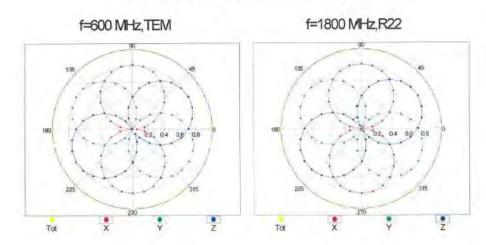


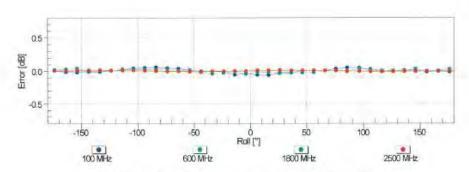
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Receiving Pattern (\$\phi\$), \$\text{9} = 0°





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

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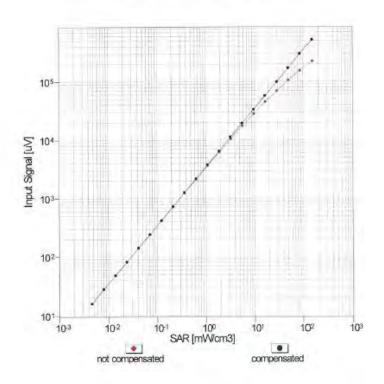


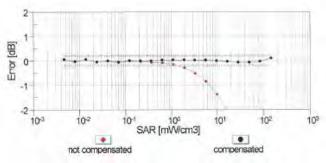
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Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)





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

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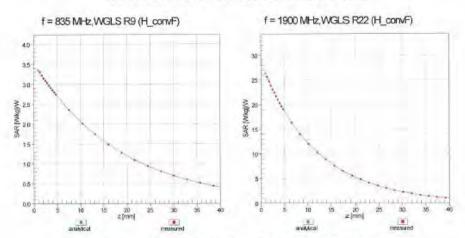


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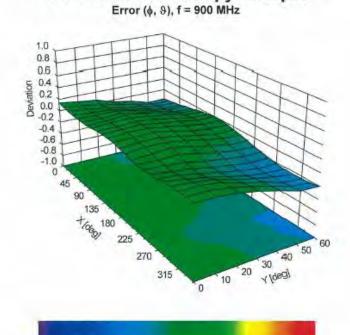
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



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Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

-1.0 -0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4

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| JID | 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 % |
| 10012 | 741 | IEEE B02 11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9,46 | ± 9.6 W |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.5 % |
| 10021 | DAC | GPRS-FDD (TDMA, GMSK, TN.0) | GSM | 9.57 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ±9.6% |
| 10024 | | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10025 | 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 9 |
| 10027 | 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 | 19.69 |
| 10029 | CAA | IEEE 802 15.1 Bluetooth (GFSK, DH1) | Bluetooth | 5.30 | ±9.69 |
| 10030 | CAA | (EEE 802.15.1 Bluetooth (GFSK, DH3) | Bluetooth | 1.87 | 1969 |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | Bluetooth | 1.16 | 1969 |
| 10032 | CAA | IEEE 802.15.1 Bioetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ±9.63 |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | Bluetooth | 4.53 | ±9.63 |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ±9.69 |
| 10036 | CAA | IEEE 802 15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ±9.6% |
| 10036 | CAA | (EEE 802 15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ±9.6% |
| 10038 | | IEEE 802, 15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ±9.68 |
| 10039 | - | CDMA2000 (fxRTT_RC1) | CDMA2000 | 4.57 | 19.69 |
| 10038 | - | IS-54 / IS-136 FDD (TDMA/FDM; PI/A-DQPSK, Halfrale) | AMPS | 7.78 | ±9.6 % |
| 10044 | the state of the s | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ±9.6 ° |
| 10044 | - | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ±9.6 9 |
| 10049 | - | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ±9.69 |
| 10048 | - | UMTS-TDD (TD-SCDMA, 1/28 Mcps) | TD-SCDMA | 11.01 | ±9.6 |
| 7.00000 | 1000 | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | GSM | 6.52 | ± 9.6 |
| 10058 | | IEEE 802 11th WIFI 2 4 GHz (DSSS, 2 Mbps) | WLAN | 2.12 | ± 9.6 |
| 10059 | - | IEEE 802 116 WIFI 2 4 GHz (DSSS, 2 Mbps) | WLAN | 2.83 | ± 9.6 |
| 10060 | | | WLAN | 3.60 | ± 9.6 |
| 10061 | CAB | IEEE 802 11b WiFi 2 4 GHz (DSSS, 11 Mbps) | WLAN | 8.68 | ± 9.6 |
| 10062 | - | IEEE 802 11am WiFi 5 GHz (QFDM, 6 Mbps) IEEE 802 11am WiFi 5 GHz (QFDM, 9 Mbps) | WLAN | 8.63 | ± 9.6 |
| 10063 | | IEEE 802 11a/h WFI 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 |
| 10064 | - | IEEE 802 11a/h WFI 5 GHz (OFDM, 12 Mbps) | WLAN | 9.00 | ± 9.6 |
| 10065 | _ | IEEE 802 11a/h WFi 5 GHz (OFDM, 16 Moss) | WLAN | 9.38 | ± 9.6 |
| 10066 | 130 (00) | IEEE 802.11a/h WiFi 5 GHz (OFDM: 24 Mops) | WLAN | 10.12 | ± 9.6 ° |
| 10067 | | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.24 | ±96° |
| 10068 | - | IEEE 802.11a/h WiFi 5 GHz (OFDM, 46 Mbps) | WLAN | 10.56 | ±96 |
| 10071 | No. of Concession, Name of Street, or other | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 |
| 10071 | - | IEEE 802,11g WIFI 2.4 GHz (DS\$S/OFDM, 9 Maps) | WLAN | 9.62 | +9.6 |
| 10072 | - | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.94 | ± 9.6 |
| 10073 | - | IEEE 802.11g WIF1 2.4 GHz (DSSS/OFDM, 16 W005) | WLAN | 10.30 | ±9.6 |
| - | 7 7 7 7 7 7 | IEEE 802 11g WFI 2.4 GHz (DSSS/OFDM, 24 MIDS) | WLAN | 10.77 | ± 9.6. |
| 10075 | 1 | IEEE 802 11g WIFI 2.4 GHz (DSSS/OFDM, 38 W0ps) | WLAN | 10.94 | ± 9.6 |
| 10076 | 200, 200 | IEEE 802.11g WFi 2.4 GHz (DSSS/OFDM, 46 Mbps) | WLAN | 11.00 | ± 9.6 |
| | | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 |
| 10081 | - | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.8 |
| 10082 | - | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM: | 8.56 | ±9.6 |
| 10090 | | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ±9.6 |
| 10098 | THE RESERVE OF THE PERSON NAMED IN | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ±9.6 |
| 10099 | - | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 |

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| 10100 | DAE | 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-FD0 | 6.42 | ±96% |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FOD | 6.60 | ±9.6% |
| 10103 | CAG | LTE-TDD (SC-FDMA: 100% RB, 20 MHz, QPSK) | LTE-TDD | 9,29 | ±96% |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TOD | 9,97 | ±9.6 % |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-DAM) | LTE-TDD | 10.01 | ±9,6% |
| 10108 | CAG | 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-DAM) | LTE-FDD | 6.59 | ± 9.6 9 |
| 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 Greenfeld, 135 Mbps, 64-DAM) | WLAN | 8.15 | ±9.65 |
| 10117 | CAD | IEEE 802.11ri (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ±9.69 |
| 10118 | CAD | JEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ±9.69 |
| 10119 | CAD | IEEE 802,11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | ±9.69 |
| 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 18-QAM) | LTE-FDD | 6.49 | ± 9.6 9 |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.53 | ± 9.6 9 |
| 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 9 |
| 10145 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FOD | 5.76 | ± 9.6 |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 8.41 | ±9.6 |
| 10147 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FBD | 5.72 | ± 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, 54-QAM) | LTE-FDD | 5.60 | ± 9,6 9 |
| 10151 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz; QPSK) | LTE-TOD | 9,28 | ± 9.6 |
| 10152 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 18-QAM) | LTE-TDD | 9.92 | ± 9,63 |
| 10153 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-T.DD | 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, 15-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-FOD | 6.49 | 196 |
| 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-FOD | 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, 15-QAM) | LTE-FDD | 6.52 | ±9.6 |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6:49 | ±9.6 |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9:21 | ±9.6 |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz., 16-QAM) | LTE-TOD | 9.48 | ± 9.6 |
| 10174 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ±9.8 |
| 10175 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 6.72 | ±9.6 |
| 10176 | - | 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 | 6.73 | ±9.6 |
| 10178 | - | LTE-FDD (SC-FDMA: 1 RB, 5 MHz, 16-QAM) | LTE FDD | 6.52 | ±9.6 |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-FDD | 6,50 | ± 9.6 |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 |
| 10181 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 |

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| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz. 16-QAM) | LTE-FDD | 6.52 | ±9.6% |
|-------|-----|---|----------|-------|---------|
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6% |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ±969 |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 9 |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB. 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ±9.69 |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-PDD | 6.52 | ±9.69 |
| 10189 | AAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ±969 |
| 10193 | CAD | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | 8.09 | ±9.69 |
| 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 | ±969 |
| 10197 | CAD | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ±9.69 |
| 10198 | CAD | IEEE 802,11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | 8.27 | ±9.63 |
| 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 | ±96 |
| 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 |
| | 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 1 |
| 10226 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz 16-QAM) | LTE-TIDD | 9.49 | ± 9.6 |
| 10227 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10,26 | ±96 |
| 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-TOD | 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 | ± 9.61 |
| 10232 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.61 |
| 10233 | CAG | LTE-TOD (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-T DD | 9.48 | ± 9.6 |
| 10236 | CAG | LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-T DD | 10.25 | ±9.6 |
| 10237 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-T DD | 9.21 | ± 9.6 |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-T DD | 9.48 | ±9.6 |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TOD | 10.25 | ± 9.6 |
| 10240 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TOD | 9.21 | ±9.6 |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TOD | 9.82 | ± 9.6 |
| 10242 | CAB | LTE-TDD (SC-FDMA, 50% RB 1.4 MHz, 64-QAM) | LTE-TOD | 9.86 | ±9.8 |
| 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, 84-QAM) | LTE-TDD | 10.09 | ±9.6 |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TOD | 9.29 | ± 9.6 |
| 10250 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TOD | 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 | ± 9.5 |
| 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, 54-QAM) | LTE-TDD | 10.14 | £ 9,6 |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | 19.6 |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-T'DD | 9.96 | ± 9.6 |
| 10257 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 54-QAM) | LTE-TDD | 10.08 | 19,6 |
| 10258 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TOD | 9.34 | ± 9.6 |
| 10259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz. 16-QAM) | LTE-TOD | 9.98 | ± 9.6 |
| 10260 | | LTE-TDD (SC-FDMA, 100% RB, 3 MHz; 64-QAM) | LTE-TOD | 9.97 | ±9.6 |

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| 10261 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ±969 |
|---------------|------|---|----------|-------|---------|
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz. 16-QAM) | LTE-TDD | 9.83 | ±969 |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 6 MHz, 64-QAM) | LTE-TDD | 10:16 | ±9.69 |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ±9.63 |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDO | 9,92 | ± 9.6 % |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 54-QAM) | LTE-TDQ | 10.07 | ±9.63 |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TD0 | 9.30 | ±9.69 |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TIDD | 10.06 | ± 9.6 9 |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDO | 10.13 | 19.63 |
| 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 Rei8.18) | WCDMA. | 4.87 | ± 9.6 % |
| 10275 | CAB | UMTS-FDD (MSUPA, 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 9 |
| 10290 | AAB | CDMA2000, RC1 SO55, Full Rate | CDMA2000 | 3.91 | ± 9.6 % |
| 10290 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ≥ 9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ≥ 9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | 2 9.6 |
| A Print Print | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 ft. | CDMA2000 | 12.49 | ± 9.6 9 |
| 10295 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ±9.6 |
| 10297 | | | LTE-FDD | | 19.69 |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | | 6.39 | 19.6 |
| 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-OAM) | LTE-FDD | | 1 |
| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ±969 |
| 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 | ±9.63 |
| 10303 | AAA | IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WMAX | 12,52 | ± 9.6 ° |
| 10304 | AAA | IEEE 802,16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WMAX | 11,86 | ±96 |
| 10305 | AAA | IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 15.24 | 19.6 |
| 10308 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 84QAM, PUSC) | WiMAX | 14,67 | ± 9.6 ° |
| 10307 | AAA. | IEEE 802,16s WIMAX (29:16, 10ms, 10MHz, QPSK, PUSC) | WiMAX | 14,49 | ± 9.6 |
| 10308 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | XAMIW | 14.46 | ± 9.6 |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3) | WIMAX | 14.58 | ± 9.8 5 |
| 10310 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3 | XAMIW | 14.57 | ± 9.6 ° |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz: QPSK) | LTE-FDD | 8.08 | ±9.6 |
| 10313 | AAA | IDEN 1.3 | IDEN | 10.51 | ± 9.6 ° |
| 10314 | AAA | IDEN 1/6 | IDEN | 13.48 | ± 9.6 9 |
| 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, 95oc dc) | WLAN | 8.36 | ± 9.6 ° |
| 10352 | AAA | Pulse Waveform (200Hz; 10%) | Generic | 10.00 | ±9.65 |
| 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%) | Genenc | 0.97 | ± 9.8 ° |
| 10387 | AAA | GPSK Waveform, 1 MHz | Generic | 5.10 | ± 9,8 ° |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.8 |
| 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 VMFI (80MHz, 64-QAM, 99pc dc) | WLAN | 8.53 | 19.6 |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | 19.6 |
| 10404 | AAB | CDMA2000 (1xEV-DO Rev. A) | CDMA2000 | 3.77 | ±96 |
| 10406 | AAB | CDMA2000 RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ±96 |
| 10410 | - | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 |

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| 10414 | AAA | WLAN CCDF, 54-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 % |
| | AAA | IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAC | IEEE 802.11a/n 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 % |
| 2.5. 2.2. | 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 % |
| | 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 % |
| | 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-FOD | 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% |
| 10434 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ±9.69 |
| 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 % |
| 10448 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) | LTE-FDD | 7.51 | ± 9.6 % |
| | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.48 | 1969 |
| 10450 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ±9.6% |
| 10451 | | Validation (Square, 10ms, 1ms) | Test | 10.00 | ±9.69 |
| 10453 | AAD | IBEE 802.11ac WiFi (160MHz, 64-QAM, 99pc.de) | WLAN | 8.63 | ±9.6.9 |
| 10456 | AAC | | WCDMA | 6.62 | ±9.63 |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | CDMA2000 | 6.55 | ±9.69 |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | B.25 | 1 9.6 9 |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | | 2.39 | 19.6 |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 7:82 | ±9.6 9 |
| 10461 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) | LTE-TOD | 8.30 | = 9.6 % |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1 4 MHz, 16-QAM, UL Sub) | LTE-TIDD | | - |
| 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-T DD | 8.32 | ±9.63 |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8:57 | ± 9.63 |
| 10467 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.63 |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.63 |
| 10469 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ±9.63 |
| 10470 | AAF | LTE-TDD (SC-FDMA, 1 RB: 10 MHz, QPSK, UL Sub) | LTE-TOD | 7.82 | ±969 |
| 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 | ±96% |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TOD (SC-FDMA, 1.RB, 15 MHz, 16-QAM, UL Sub) | LTETOD | 8.32 | ±96 |
| 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-TOD | 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-TOD (SC-FOMA, 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-TOD | 7.71 | ± 9,6 3 |
| 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-TOD | 8.47 | ± 9,8 |
| 10485 | AAF | LTE-TDD (SC-FDMA, 50% RB, 6 MHz, DPSK, UL Sub) | LTE-TOD | 7.59 | ± 9.6 |
| 10486 | 2.00 | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 15-QAM, UL Sub) | LTE-TDD | 8.38 | ± 9.6 |
| 10487 | - | LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 64 QAM, UL Sub) | LTE-TDD | 8.60 | ± 9.6 |
| 10488 | V To Street | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) | LTE-TOD | 7.70 | ±9.6 |

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| 10489 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-DAM, UL Sub) | LTE-TDD | B.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 | ±96% |
| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TOD | 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 9 |
| 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 | ±96% |
| 10497 | | | LTE-TD0 | 7.67 | ±969 |
| | | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 18-QAM, UL Sub) | LTE-TDD | 8.40 | ±9.6% |
| 10498 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.68 | ±969 |
| 10499 | AAB | | LTE-TDD | 7.67 | ±9.69 |
| 10500 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.44 | ± 9.6 9 |
| 10501 | AAC | The state of the s | LTE-TOD | 8.52 | ±9.63 |
| 10502 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub) | | 7.72 | ± 9.6 9 |
| 10503 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK UL Sub) | LTE-TOD | | |
| 10504 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub) | LYE-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, QFSK, UL Sub) | LTE-TOD | 7.74 | ±9,6 ° |
| 10507 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.36 | ±9,6 |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 54-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 | ±9,65 |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.49 | ± 9.6 |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz 84-QAM, UL Sub) | LTE-TOD | 8.51 | ± 9.6 |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub) | LTE-TOD | 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-T DD | 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 WiFr 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 | ± 9.61 |
| 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, 99oc do) | WLAN | 8.39 | ±.9.6 |
| 10520 | AAG | IEEE 802 11a/h WiFi 5 GHz (OFDM, 18 Mops, 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 802,1Ta/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 |
| 10522 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc do) | WLAN | 8.08 | ± 9.6 |
| | - | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc db) | WLAN | 8.27 | ± 9.6 |
| 10524 | AAC | THE STATE OF THE PROPERTY OF T | WLAN | 8.36 | ± 9.6 |
| 10525 | AAC | IEEE 802 11ac WIFI (20MHz, MCS0, 99pc dc) | | - | ± 9.6 |
| 10526 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc) | WLAN | 8,42 | - |
| 10527 | AAC | IEEE 802:11ac WiFi (20MHz, MCS2, 99pc dc) | WLAN | 8.21 | ± 9.6 |
| 10528 | AAC | IEEE 802 11sc 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 | IEFE 802 11sc WFi (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ±9.8 |
| 10533 | AAC | IEEE 802 11sc 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 802.11sc WiFi (40MHz, MGS1, 99gc dc) | WLAN | 8.45 | ±9.6 |
| 10536 | AAC | IEEE 802 Trac WiFi (40MHz, MGS2, 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 802.11sc 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 | - | IEEE 802,11ac WiFi (80MHz, MCS2, 99pc dc) | WLAN | 8.35 | ± 9.6 |

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| 10547 | AAC | (EEE 802.11ec WiFi (80MHz, MCS3, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
|-------|-----|---|-------|------|---------|
| 10548 | AAC | IEEE 802 11ac WiFi (80MHz, MGS4, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAC | IEEE 802.11ac:WiFi (80MHz, MCS6, 99pc dc) | WLAN | 8,39 | ±96% |
| 10551 | AAC | IEEE 802 11ac WIFI (80MHz, MGS7, 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 do) | 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 | ±96% |
| 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 | ±9.69 |
| 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 de) | WLAN | 1.99 | ±9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc do) | WLAN | 1.99 | ±9.63 |
| 10573 | AAA | IEEE 802,11b WiFi 2.4 GHz (DSSS, 5.5 Mbps 90pc de) | WLAN | 1.98 | ±9,6% |
| 10574 | AAA | IEEE 802.11b WiFl 2 4 GHz (DSSS, 11 Mbps, 90pc dc) | WLAN | 1.98 | ±9.6% |
| 10575 | AAA | IEEE 802 11g WFi 2.4 GHz (DSSS-OFDM, & 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 | ±9.63 |
| 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 | ±969 |
| 10580 | AAA | IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.63 |
| 10581 | AAA | IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM: 48 Mbps, 90pc dc) | WLAN | 8:35 | ±9.63 |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | 19.63 |
| 10583 | AAC | IEEE 802 11a/h WiFi 5 GHz (OFDM, 6 Mbps; 90pc dc) | WLAN | 8.59 | ±9.6 % |
| 10584 | AAC | IEEE 802 11am WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ±963 |
| 10585 | AAC | IEEE 802 11am 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 | ±96 |
| 10591 | AAC | IEEE 802,11n (HT Mixed, 20MHz, MCS0, 90pc dc) | WLAN | 8.63 | ±9.6° |
| 10592 | AAC | IEEE 802,T1n (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, MCSS, 90pc dc) | WLAN | 8.72 | ± 9,6 ° |
| 10598 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pcdc) | WLAN | 8.50 | ±9,6 |
| 10599 | AAC | IEEE 802 11n (HT Mixed, 40MHz, MCSO, 90pc dc) | WLAN: | 8.79 | ± 9,8 |
| 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 | JEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc do) | WLAN | 8.94 | ± 9.6 |
| 10803 | AAC | IEEE 602.11n (HT Mixed 40MHz, MCS4, 90pc dc) | VVLAN | 9.03 | ±96 |
| 10804 | AAC | IEEE 802.11n (HT Mixed: 40MHz, MCS5, 90pc do) | WLAN | 8.76 | ± 9.6 |

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| 10805 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS8, 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 11sc WiFi (20MHz, MCS0, 30pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10608 | AAC | IEEE 802 11ac WiFi (20MHz, MCS1, 90pc dc) | WLAN | 8.77 | ±9.6 % |
| 10609 | AAC | IEEE 802.1 (ac WiFi (20MHz, MCS2, 90pc do) | 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 | 978 7579 | | 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, MCSB, 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, 50pc de) | 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 do) | 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 66) | WLAN | 8.68 | ± 9.6 % |
| | AAC | IEEE 802 11ac WFI (40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 9 |
| 10623 | AAC | IEEE 802 11ac WiFi (40MHz, MCS8, 90pc dc) | WLAN | 8.96 | ±9.6 % |
| 10624 | - | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | ±969 |
| 10625 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc) | WLAN | 8.83 | ±969 |
| 10626 | AAC | | WLAN | 8.88 | ±9.69 |
| 10627 | AAC | IEEE 802,11ac WiFi (80MHz, MCS1, 90pc dc) IEEE 802,11ac WiFi (80MHz, MCS2, 90pc dc) | WLAN | 8.71 | ±9.69 |
| 10828 | AAC | IEEE 802 11ac WiFI (80MHz, MCS3, 90pc dc) | WLAN | 8.85 | ±9.6 % |
| 10829 | AAC | | WLAN | 8.72 | ± 9.6 9 |
| 10630 | AAC | IEEE 802 11ac WiFi (80MHz, MCS4, 90pc dc) | WLAN | 8.81 | ± 9.6 9 |
| 10631 | AAC | IEEE 802 11ac WFI (80MHz, MCS5, 90pc dc) | WLAN | 8.74 | 29.69 |
| 10632 | AAC | IEEE 802 11ac WFi (80MHz, MCS5, 90pc dc) | WLAN | 8.83 | ±969 |
| 10633 | AAC | IEEE 802,11ac WIFI (80MHz, MCS7, 90pc dc) | WLAN | 8.80 | ±9.69 |
| 10634 | AAC | IEEE 802,11ac WFI (80MHz, MCS8, 90pc dc) | WLAN | 8.81 | ± 9.6 9 |
| 10635 | AAC | IEEE 802.11ac WiFi (80MHz; MCS9, 90pc do) | WLAN | 8.83 | ±9.63 |
| 10636 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc) | WLAN | 8.79 | ±9.6 9 |
| 10637 | AAD | IEEE 802.11ac WiFi (180MHz, MCS1, 90pc dc) | WLAN | 8.86 | ±9.63 |
| 10638 | AAD | IEEE 802 11ac WiFi (160MHz, MCS2, 90pc dc) | | _ | ± 9.6 |
| 10639 | AAD | IEEE 802 11ac WiFi (160MHz, MCS3, 90pc ds) | WLAN | 8.85 | ±9.61 |
| 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 | |
| 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 | ±9.65 |
| 10644 | | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) | WLAN | 9.05 | ±9,69 |
| 10645 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) | WLAN | 9.11 | ±9.6 |
| 10646 | | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2.7) | LTE-TDD | 11.96 | ±969 |
| 10647 | AAF | LTE-TOD (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 | ± 9.61 |
| 10652 | 1.7. | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TOD | 6.91 | ± 9.6 |
| 10653 | - | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-TOD | 7.42 | ±96 |
| 10654 | - | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TOD | 6.96 | ±9.6 |
| 10655 | A THE PARTY OF | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7,21 | ±9.6 |
| 19658 | A CONTRACTOR OF THE PERSON NAMED IN | Pulse Waveform (200Hz; 10%) | Test | 10,00 | ± 9.6 |
| 10659 | | Pulse Waveform (200Hz, 20%) | Test | 6,99 | ± 9.6 |
| 10660 | 1000 | Pulse Waveform (200Hz, 40%) | Test | 3,98 | ± 9.8 |
| 10661 | - | Pulse Waveform (200Hz, 60%) | Test | 2,22 | ±9.6 |
| 10662 | 11.7.79.6 | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ± 9.6 |
| 10670 | - | 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 |

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| 10673 | AAC | (EEE 802.11ax (20MHz, MCS2, 90pc do) | WEAN | 8.78 | ±9.63 |
|-------|---------------|---------------------------------------|------|------|---------|
| 10674 | AAC | IEEE 802 11ax (20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 9 |
| 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 | ±9.69 |
| 10677 | AAC | (EEE 802 11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ±9.69 |
| 10678 | AAC | IEEE 802-11ax (20MHz, MCS7, 90pc do) | WLAN | 8.78 | ± 9.6 9 |
| 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 80Z 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 9 |
| 10687 | AAC | IEEE 802 11ax (20MHz. MCS4, 99pc dc) | WLAN | B.45 | ± 9.6 % |
| 10688 | | IEEE B02 T1ax (20MHz, MCS5, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10689 | | IEEE 802 11ax (20MHz, MCS6, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10690 | 1000 | IEEE 802 11ax (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAC | IEEE 802.11ax (20MHz, MCS8, 99pc dd) | WLAN | 8.25 | ± 9.6.9 |
| 10692 | - | IEEE 802,11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ±969 |
| 10694 | AAC | IEEE 802,11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ±9.69 |
| 10695 | AAC | JEEE 802.11ax (40MHz, MCS0, 90pc dc) | WLAN | 8.78 | ± 9.6 9 |
| | AAC | IEEE 802.11ax (40MHz, MCS1, 90oc dc) | WLAN | 8.91 | ± 9.6 9 |
| 10697 | AAC | IEEE 802.11ax (40MHz, MCS2, 90pc dc) | WLAN | 8.51 | ±9.69 |
| 10698 | - | IEEE 802.11ax (40MHz, MCS3, 90pc.dc) | WLAN | 8.89 | 19.69 |
| 10699 | - | IEEE 802.11ax (40MHz, MCS4, 90pc dc) | WLAN | 8.82 | 1969 |
| 10700 | - | IEEE 802.11ax (40MHz, MCS5, 90pc-oc) | WLAN | 8.73 | ± 9.6 9 |
| 10701 | | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8.86 | ± 9.6 9 |
| 10702 | - | IEEE 802.11ax (40MHz, MCS7, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10703 | - | IEEE 802 11ax (40MHz, MCS8, 90pc dc) | WLAN | 8.82 | ±9.6 % |
| 10704 | - | IEEE 802 11ax (40MHz, MCS9, 90pc dc) | WLAN | 8.56 | ±9.69 |
| 10705 | | IEEE 802 11ax (40MHz, MCS10, 90pc dc) | WLAN | 8,69 | 19.69 |
| 10706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ±9.6% |
| 10707 | | IEEE 802 11ax (40MHz, MCS0, 99pc dc) | WLAN | 8.32 | ± 9.6 3 |
| 10708 | AAC | IEEE 802 11ax (40MHz, MCS1, 99pc dc) | WLAN | 8.55 | ±9.63 |
| 10709 | AAC | IEEE 802.11ax (40MHz, MCS2, 99pc dc) | WLAN | 8.33 | 1963 |
| 10710 | AAC | (EEE 802.11ax (40MHz, MCS3, 99pc dc) | WLAN | 8,29 | ±9.69 |
| 10711 | AAC | IEEE 802 11ax (40MHz, MCS4, 99pc dc) | WLAN | 8.39 | ±9.63 |
| 10712 | AAC | IEEE 802.11ax (40MHz, MCS5, 99pc dc) | WLAN | 8,67 | ± 9.6 3 |
| 10713 | - | IEEE 802.11ax (40MHz, MCS6, 99pc dc) | WLAN | 8.33 | ±9.63 |
| 10714 | _ | IEEE 802.11ax (40MHz, MCS7, 99pc dc) | WLAN | 8.26 | 19.69 |
| 10715 | - | IEEE 802.11ax (40MHz, MCS8, 99pc dc) | WLAN | 8.45 | ±9.6 ° |
| 10716 | - | IEEE 802 11ax (40MHz, MCS9, 99pc dc) | WLAN | 8.30 | ± 9.63 |
| 10717 | | IEEE 802,11ax (40MHz, MCS10, 99pc dc) | WLAN | 8.48 | ±964 |
| 10718 | _ | (EEE 802.11ax (40MHz, MCS11, 99pc.do) | WLAN | 8.24 | ±969 |
| 10719 | _ | IEEE 802.11ax (80MHz, MCS0, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10720 | _ | IEEE 802 11ax (80MHz, MGS1, 90pc db) | WLAN | 8,87 | ± 9.6 9 |
| 10721 | 100000 | IEEE 802 11ax (80MHz, MCS2, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| | AAC | IEEE 802 11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.55 | ±9.6 |
| | AAC | IEEE 802 11ax (80MHz, MCS4, 90pc dp) | WLAN | 8.70 | ± 9.6 % |
| 10724 | - | IEEE 802 11ax (80MHz, MCS5, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10725 | A ANDREAS AND | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10726 | | IEEE 802 11av (80MHz, MCS7, 90pc dc) | MAN | 8.72 | T969 |

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AAC

10727 AAC

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

10726 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc)

IEEE 802,11ax (80MHz, MCS8, 90pc 6c)

IEEE 802.11ax (80MHz, MCS9, 90pc dc).

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WLAN

WLAN

WLAM

8.72

8.66

8.65

± 9.6 %

±96%

±9,6%



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| 10729 | AAC | IEEE 802 11ax (80MHz, MCS10, 90pc dc) | WLAN | 8.64 | ±9.69 |
|-------|------|--|---------------|------|---------|
| 10730 | AAC | IEEE 802.11ax (80MHz, MCS11, 90pc do) | WLAN | 8.67 | ±9.67 |
| 10731 | AAC | IEEE 802.11ax (80MHz, MCS0, 99pc dc) | WLAN | 8.42 | ±9.69 |
| 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 | ±9.69 |
| 10734 | AAC | IEEE 802 11ax (80MHz, MCS3, 99pc dc) | WLAN | 8.25 | ±9,68 |
| 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 do) | WLAN: | B.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 | ±9.6.9 |
| 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 9 |
| 10743 | AAC | IEEE 802,1 (ax (160MHz, MCS0, 90pc dc) | WLAN | 8.94 | ± 9.6 1 |
| 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 | ±9.65 |
| 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 | ± 9.5 |
| 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 | ± 9.64 |
| 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 | (EEE 802.11ax (160MHz, MCS5, 99pc db) | WLAN | 8.49 | ± 9.8 |
| 10761 | AAC | (EEE 802.11ax (160MHz, MCS8, 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 | ±98 |
| 10764 | AAC | IEEE 802 11ax (160MHz, MCS9, 99pc dc) | WLAN | 8.54 | ±9.6 |
| 10765 | AAC | IEEE 802 11ax (160MHz, MCS10, 99pc.0c) | 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 |
| 10789 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, OPSK, 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 TOD | 8.02 | ± 9.6 |
| 10772 | _ | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.23 | ± 9.6 |
| 10773 | | 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, OPSK, 15 KHz) | 5G NR FR1 TDD | 8.30 | ±9.6 |
| 10777 | | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz) | 5G NR FR1 TDD | 8.30 | ±9.6 |
| 10778 | | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | B.34 | ±9,6 |
| 10779 | - | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8:42 | ± 9.6 |
| 10780 | | 5G NR (CP-OFDM 50% RB, 30 MHz OPSK, 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 | 7.70 | 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 | 9.31 | ±9.6 |
| 10784 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.29 | ±9.6 |

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| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FRI TDD | 8.40 | ± B.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 | | 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 | ±96% |
| 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, 80 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 | | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 20 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, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6% |
| 10812 | | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8,35 | ±9.63 |
| 10817 | - | 5G NR (CP-OFDM, 100% RB 5 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ±9.69 |
| 10818 | | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FRI TDD | 8.34 | ±9.6% |
| 10819 | - | 5G NR (CP-OFDM, 100% RB, 15 MHz, GPSK, 30 kHz) | 5G NR FR1 TDD | 8.33 | ±9.6% |
| 10820 | | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.30 | ±9.6% |
| 10821 | - | 5G NR (CP-OFDM 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ±9.69 |
| 10822 | - | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 9 |
| 10823 | | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 8.36 | ± 9.6 % |
| 10824 | | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10825 | | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10827 | | 5G NR (CP-OFDM 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | B.42 | ± 9.6 % |
| 10828 | Contract of the last | 5G NR (CP-OFDM: 100% RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.43 | ±9.69 |
| 10829 | AAD | 5G NR (CP-OFDM: 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FRI TDD | 8.40 | ± 9.6 % |
| 10830 | The second | 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 | ± 9.6.7 |
| 10832 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 50 kHz) | 5G NR FR1 TDD | 7.74 | ±9.6 % |
| 10833 | - | 5G NR (CP-OFDM 1 RB, 25 MHz, QPSK, 60 kHz) | 5G NR FRI TOD | 7.70 | ±965 |
| 10834 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.75 | ±9.63 |
| 10835 | AAD | 5G NR (CP-OFDM 1 RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10836 | - | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.66 | ±969 |
| 10837 | AAD | 5G NR (CP-OFDM 1 RB, 60 MHz, QPSK 60 kHz) | 5G NR FR1 TDD | 7.68 | ±9.6 ° |
| 10839 | | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10840 | | 5G NR (CP-OFDM 1 RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.67 | ±9.89 |
| 10841 | _ | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.71 | ± 9.6 % |
| 10843 | - | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.49 | ±9.69 |
| 10844 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 9 |
| 10846 | - | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 9 |
| 10854 | Section Section | 5G NR (CP-OFDM, 100% RB, 10 MHz OPSK, 80 kHz) | 5G NR FR1 TDD | 8.34 | ±969 |
| 10855 | - | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 80 KHz) | 5G NR FR1 TDD | 8.36 | ±9.69 |
| 10856 | 100000 | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 80 kHz) | 5G NR FR1 TDD | 8.37 | ±9.69 |
| 10857 | AAD | 5G NR (CP-DFDM, 100% RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 9 |
| 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, 80 kHz) | 5G NR FR1 TDD | 8.34 | 1969 |
| 10860 | _ | 5G NR (CP-DFDM, 100% RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 9 |

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| 10861 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 80 kHz) | 5G NR FR1 TDD | 8.40 | ±9.6% |
|-------|-----|--|---------------|------|---------|
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 80 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 W |
| 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 9 |
| 10869 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 KHz) | 5G NR FR2 TDD | 5.75 | 29.6% |
| 10870 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.85 | ±9.69 |
| 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-5-OFDM, 1 RB, 100 MHz, 54QAM, 120 KHz) | 5G NR FR2 TDD | 8,61 | ±9.69 |
| 10874 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ±96 |
| 10875 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 NHz) | 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 | 5.39 | ± 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, 18QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 |
| 10879 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, B4QAM, 120 KHz) | 5G NR FR2 TDD | 8.12 | ±9.63 |
| | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.38 | ±9.6 |
| 10880 | - | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz) | 5G NR FR2 TDD | 5.75 | ±9.6 |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.96 | ±9.6 |
| 10882 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 160AM, 120 KHz) | 5G NR FR2 TDD | 6.57 | ±96 |
| 10883 | AAD | | 5G NR FR2 TDD | 8.53 | ±9.6 |
| 10884 | AAD | 5G NR (DFT-s-GFDM, 100% RB, 50 MHz 160AM, 120 KHz) | 5G NR FR2 TDD | 6.61 | ±9.6 |
| 10885 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 KHz) | 5G NR FR2 TDD | 6.65 | ±9.6 |
| | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 640AM, 120 kHz) | | _ | ±9.6 |
| 10887 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ±96 |
| 10888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | - |
| 10889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) | 5G NR FR2 TDD | 8.02 | 196 |
| 10890 | AAD | 5G NR (OP-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, 84QAM, 120 KHz) | 5G NR FR2 TDD | 8.13 | ± 9.6 |
| 10892 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 6G NR FR2 TDD | 8.41 | ±9.6 |
| 10897 | AAC | 5G NR (DFT-s-DFDM, 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-DFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TOD | 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, 50 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-8-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 |
| 10911 | AAB | 5G NR (DFT-8-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, OPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±96 |
| 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% R6, 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) | 50 NR FR1 TDD | 5.86 | ±96 |
| 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 | ±96 |
| 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 |

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| | | | The same and and | Len | - 0.00 |
|-----------|------|---|------------------|-------|---------|
| 10923 | AAB | 5G NR (DFT->-DFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | .5.84 | ±9.6 % |
| 10924 | AAB | 5G NR (DFT-s-DFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±9.6 % |
| 10925 | AAB | 5G NR (DFT-s-DFDM, 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 | AAE | 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 | 6.52 | ± 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 | 19.6 % |
| 10935 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ±98% |
| 10936 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ±98% |
| 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 | 1.9.6 % |
| 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 | ±9.63 |
| 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 | ±96% |
| 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 | ±9.63 |
| 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 % |
| | - | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 KHz) | 5G NR FR1 FDD | 8 42 | ± 9.6 % |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 814 | ± 9.6 % |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.31 | ± 9.6 % |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 KHz) | 5G NR FR1 FDB | 8.61 | ±9.69 |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.33 | ±9.6% |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.32 | ±9.69 |
| 10960 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 15 kHz) | 5G NR FR1 TDD | 9.36 | ±9.69 |
| 10961 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.40 | ±9.63 |
| 1,777,272 | | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 KHz) | 5G NR FR1 TDD | 9.55 | ±9.63 |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 WHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ±9.63 |
| 10964 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ±9.63 |
| 10965 | AAB | | | 9.55 | ± 9.6 9 |
| 10986 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM 30 kHz) | 5G NR FR1 TDD | 9.42 | ± 9.6 9 |
| 10967 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | | 9.49 | ± 9.6 9 |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 11.59 | ±9.6 9 |
| 10972 | AAB | 5G NR (CP-OFDM 1 RB. 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | - | 19.6 |
| 10973 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 9.06 | ±9.69 |
| 10974 | AAB | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) | 5G NR FR1 TDD | 10.25 | ±9.6 % |
| 10978 | AAA | ULLA BDR | ULLA | 2.23 | |
| 10979 | AAA | ULLA HDR4 | ULLA | 7.02 | ±9.6" |
| 10980 | AAA | ULLA HDR8 | ULLA | 8.82 | ±967 |
| 10981 | AAA. | ULLA HDRp4 | ULLA | 1.50 | ±9.69 |
| 10982 | AAA | ULLA HDRp8 | ULLA | 1.44 | # 8.0 J |

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

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





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

Accreditation No.: SCS 0108

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

SGS-TW (Auden)

Certificate No: EX3-7686_Oct21

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7686

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

October 05, 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)

| Primary Standards | ID | Cal Date (Certificate No.) | Scheduled Calibration |
|----------------------------|------------------|-----------------------------------|------------------------|
| Power meter NRP | SN: 104778 | 09-Apr-21 (No. 217-03291/03292) | Apr-21 |
| Power sensor NRP-Z91 | SN: 103244 | 09-Apr-21 (No. 217-03291) | Apr-21 |
| Power sensor NRP-Z91 | SN: 103245 | 09-Apr-21 (No. 217-03292) | Apr-21 |
| Reference 20 dB Attenuator | SN: CC2552 (20x) | 09-Apr-21 (No. 217-03343) | Apr-21 |
| DAE4 | SN: 660 | 23-Dec-20 (No. DAE4-660 Dec20) | Dec-21 |
| Reference Probe ES3DV2 | SN: 3013 | 30-Dec-20 (No. ES3-3013_Dec20) | Dec-21 |
| 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 |

Function Signature Calibrated by: Jeton Kastrati Laboratory Technician Technical Manager Approved by: Katja Pokovic Issued: October 6, 2021 This calibration certificate shall not be reproduced except in full without written approval of the laboratory

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Glossary:

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

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

Polarization ϕ in 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:

- 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; I > 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 AN, Y. DA, Y. C. DA, Y. C. DA, Y. C. DA, Y. C. P. C. D. C. D. G. D
- 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 \pm 50 MHz to \pm 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).

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EX3DV4 - SN:7686

October 05, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7686

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|--------------------------|----------|----------|----------|-----------|
| Norm $(\mu V/(V/m)^2)^A$ | 0.69 | 0.65 | 0.53 | ± 10.1 % |
| DCP (mV) ^B | 101.7 | 100.2 | 101.2 | 7 17023 |

Calibration Results for Modulation Response

| UID | Communication System Name | | dB | дВ√μ∨ | С | D dB | VR mV | Max dev. | Max Unc ^E (k=2) |
|--------|--|---|-------|--------|-------|---------|----------|-------------|----------------------------------|
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 139.9 | ± 3.5 % | ± 4.7 % |
| | | Y | 0.00 | 0.00 | 1.00 | | 144.6 | | - 111 |
| | | Z | 0.00 | 0.00 | 1.00 | | 148.7 | | |
| 10352- | Pulse Waveform (200Hz, 10%) | X | 1.41 | 60.22 | 6.16 | 10.00 | 60.0 | ± 2.5 % | ± 9.6 % |
| AAA | | Y | 1.60 | 61.17 | 6.74 | | 60.0 | | |
| | | Z | 1.47 | 60.50 | 6.36 | | 60.0 | | F-64. |
| 10353- | Pulse Waveform (200Hz, 20%) | X | 0.80 | 60.00 | 4.94 | 6.99 | 80.0 | ± 2.2 % | ± 9.6 % |
| AAA | The second secon | Y | 22.00 | 78.00 | 11.00 | | 80.0 | | |
| | | Z | 0.77 | 60.00 | 4.91 | | 80.0 | | |
| 10354- | Pulse Waveform (200Hz, 40%) | X | 0.05 | 124.90 | 0.21 | 3.98 | 95.0 | ± 2.6 % | ± 9.6 % |
| AAA | 3 2 3 3 2 3 4 3 4 3 4 3 4 3 6 4 | Y | 8.00 | 70.00 | 7.00 | 9.00 | 95.0 | | 2 300 7 |
| | A. Carrier and A. Car | Z | 0.01 | 122.46 | 0.50 | | 95.0 | 1 | |
| 10355- | Pulse Waveform (200Hz, 60%) | X | 9.66 | 156.50 | 22.91 | 2.22 | 120.0 | ±1.6 % | ± 9.6 % |
| AAA | | Y | 11.16 | 134.19 | 3.73 | | 120.0 | | |
| | | Z | 8.10 | 158.58 | 27.75 | | 120.0 | | |
| 10387- | QPSK Waveform, 1 MHz | X | 0.60 | 62.96 | 11.89 | 1.00 | 150.0 | ± 3.8 % | ± 9.6 % |
| AAA | | Y | 0.80 | 66.90 | 14.35 | | 150.0 | | |
| | | Z | 0.70 | 65.20 | 13.33 | | 150.0 | | |
| 10388- | QPSK Waveform, 10 MHz | X | 1.35 | 64.80 | 13.58 | 0.00 | 150.0 | ±1.3 % | ± 9.6 % |
| AAA | | Y | 1.55 | 67.01 | 14.95 | | 150.0 | | |
| | the second second second second | Z | 1,47 | 66.19 | 14.43 | | 150.0 | | |
| 10396- | 64-QAM Waveform, 100 kHz | X | 1.55 | 62.90 | 15.19 | 3.01 | 150.0 | ±1.7% | ± 9.6 % |
| AAA | 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - | Y | 1.55 | 63.22 | 15.60 | | 150.0 | | 20.00 |
| | | Z | 1.65 | 63.86 | 15.63 | | 150.0 | | |
| 10399- | 64-QAM Waveform, 40 MHz | X | 2.83 | 65.68 | 14.83 | 0.00 | 150.0 | ±1.5% | ± 9.6 % |
| AAA | The state of the s | Y | 2.98 | 66.59 | 15.44 | | 150.0 | | - 2.0 |
| | the second second | Z | 2.94 | 66.30 | 15.26 | | 150.0 | | |
| 10414- | WLAN CCDF, 64-QAM, 40MHz | X | 4.06 | 66.18 | 15,45 | 0.00 | 150.0 | ± 2.8 % | ± 9.6 % |
| AAA | | Y | 4.00 | 66.01 | 15.49 | | 150.0 | 1 | 2000 |
| | | Z | 3.97 | 65.86 | 15.39 | | 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%.

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

Numerical linearization parameter; uncertainty not required.

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



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EX3DV4- SN:7686 October 05, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7686

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 | Т6 |
|---|----------|----------|-------|--------------------------|--------------------------|----------|-----------|-----------|------|
| X | 11.7 | 85.69 | 34.21 | 3.35 | 0.00 | 4.90 | 0.12 | 0.00 | 1.00 |
| Y | 11.7 | 85.51 | 34.20 | 3.27 | 0.00 | 4.90 | 0.00 | 0.00 | 1.00 |
| Z | 11.5 | 85.16 | 34.91 | 1.66 | 0.00 | 4.90 | 0.38 | 0.00 | 1.00 |

Other Probe Parameters

| Sensor Arrangement | Triangular |
|---|------------|
| Connector Angle (°) | -57.9 |
| 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.

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EX3DV4-SN:7686

October 05, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7686

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 | 10.73 | 10.73 | 10.73 | 0.47 | 0.80 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 10.36 | 10.36 | 10.36 | 0.49 | 0.80 | ± 12.0 % |
| 900 | 41.5 | 0.97 | 10.09 | 10.09 | 10.09 | 0.41 | 0.90 | ± 12.0 % |
| 1450 | 40.5 | 1.20 | 9.37 | 9.37 | 9.37 | 0.38 | 0.80 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 9.16 | 9,16 | 9.16 | 0.39 | 0.86 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 8.83 | 8.83 | 8.83 | 0.30 | 0.86 | ± 12.0 % |
| 2000 | 40.0 | 1.40 | 8.73 | 8.73 | 8.73 | 0.29 | 0.86 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 8.55 | 8.55 | 8.55 | 0.34 | 0.90 | ± 12.0 9 |
| 2450 | 39.2 | 1.80 | 8.32 | 8.32 | 8.32 | 0.31 | 0.90 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 8.02 | 8.02 | 8.02 | 0.27 | 1.00 | ± 12.0 % |
| 3300 | 38.2 | 2.71 | 7.40 | 7.40 | 7.40 | 0.30 | 1.35 | ± 13.1 % |
| 3500 | 37.9 | 2.91 | 7.35 | 7.35 | 7.35 | 0.30 | 1.35 | ± 13.1 % |
| 3700 | 37.7 | 3.12 | 7.25 | 7.25 | 7.25 | 0.30 | 1.35 | ± 13.1 % |
| 3900 | 37.5 | 3.32 | 6.90 | 6.90 | 6.90 | 0.40 | 1.60 | ± 13.1 % |
| 4100 | 37.2 | 3.53 | 6.78 | 6.78 | 6.78 | 0.40 | 1.60 | ± 13.1 % |
| 4200 | 37.1 | 3.63 | 6.45 | 6.45 | 6.45 | 0.40 | 1.70 | ± 13.1 % |
| 4400 | 36.9 | 3.84 | 6.39 | 6.39 | 6.39 | 0.40 | 1.70 | ± 13.1 % |
| 4600 | 36.7 | 4.04 | 6.38 | 6.38 | 6.38 | 0.40 | 1.70 | ± 13.1 % |
| 4800 | 36.4 | 4.25 | 6.32 | 6.32 | 6.32 | 0.40 | 1.80 | ± 13.1 % |
| 4950 | 36.3 | 4.40 | 6.29 | 6.29 | 6.29 | 0.40 | 1.80 | ± 13.1 % |
| 5250 | 35.9 | 4.71 | 5.81 | 5.81 | 5.81 | 0.40 | 1.80 | ± 13.1 % |
| 5600 | 35.5 | 5.07 | 5.16 | 5,16 | 5.16 | 0.40 | 1.80 | ± 13.1 % |
| 5750 | 35.4 | 5.22 | 5.30 | 5.30 | 5.30 | 0.40 | 1.80 | ± 13.1 % |

E 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 8 MHz is 4-919 MHz, and ConvF assessed at 31 MHz is 9-19 MHz, above 5 GHz frequency validity on be extended to ± 110 MHz.

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

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

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EX3DV4- SN-7686

October 05, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7686

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 | 6.20 | 6.20 | 6.20 | 0.20 | 2.50 | ± 18.6 % |
| 7000 | 33.9 | 6.65 | 6.14 | 6.14 | 6.14 | 0.25 | 2.50 | ± 18.6 % |
| 8000 | 32.7 | 7.84 | 6.08 | 6.08 | 6.08 | 0.50 | 1,50 | ± 18.6 % |
| 9000 | 31.5 | 9.08 | 5.95 | 5.95 | 5.95 | 0.50 | 1.70 | ± 18.6 % |

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

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⁶ Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the NoS of the Cooking the NoS of the Cooking the NoS of the Policy the Indicated frequency band.

At frequencies 6-10 GHz, the validity of tissue parameters (ε and α) 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.

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.

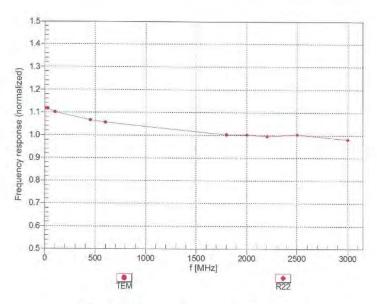


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Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

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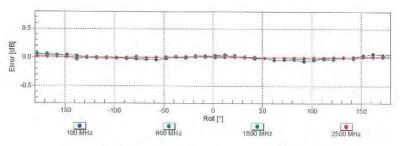
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Receiving Pattern (6), 9 = 0°





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

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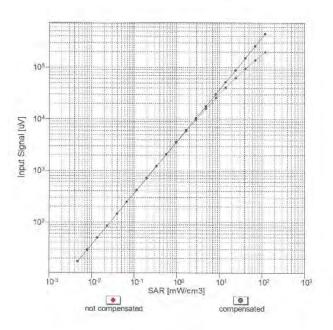


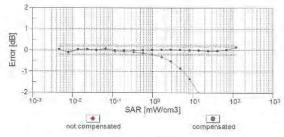
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Dynamic Range f(SARhead) (TEM cell , feval= 1900 MHz)





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

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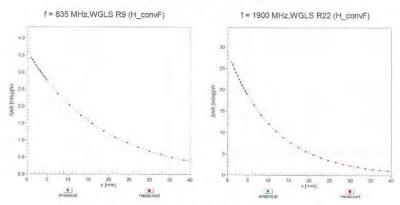


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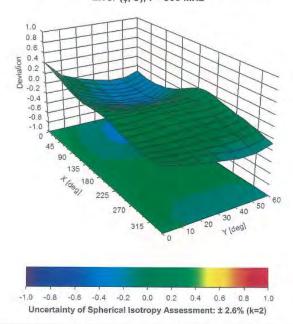
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Conversion Factor Assessment



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



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Appendix: Modulation Calibration Parameters Communication System Name Group PAR Unc (k=2)±4.7 % CW 0.00 10010 CAA SAR Validation (Square, 100ms, 10ms) ± 9.6 % Test 10.00 10011 CAR UMTS-FDD (WCDMA) WCDMA 2,91 ± 9.6 % IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) 10012 | CAB WLAN 1.87 ± 9.6 % 10013 CAB IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) WLAN 9.46 ± 9.6 % GSM-FDD (TDMA, GMSK) GSM 9.39 ± 9.6 % DAC GPRS-FDD (TDMA, GMSK, TN 0) 10023 GSM 9.57 ± 9.6 % GPRS-FDD (TDMA, GMSK, TN 0-1 10024 DAC GSM ±9.6% EDGE-FDD (TDMA, 8PSK, TN 0) ± 9.6 % 10025 DAC GSM 12.62 10026 DAC EDGE-FDD (TDMA, 8PSK, TN 0-1) GSM 9.55 ±9.6% 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 ±9.6% 3.55 EDGE-FDD (TDMA, 8PSK, TN 0-1-2) 10029 DAC GSM 7.78 ±9.6% ± 9.6 % 10030 CAA IEEE 802.15.1 Bluetooth (GFSK, DH1) Bluetooth 5.30 IEEE 802,15.1 Bluetooth (GFSK, DH3) 10031 CAA Bluetooth 1.87 ± 9.6 % 10032 CAA IEEE 802.15.1 Bluetooth (GFSK, DH5) Bluetooth 1.16 ± 9.6 % IEEE 802,15.1 Bluetooth (PI/4-DQPSK, DH1) 10033 CAA 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 ± 9.6 % 3.83 IEEE 802.15.1 Bluetooth (8-DPSK, DH1) 10036 CAA Bluetooth 8.01 ±9.6% CAA IEEE 802.15.1 Bluetooth (8-DPSK, DH3) Bluetooth 4.77 ±9.6% IEEE 802.15.1 Bluetooth (8-DPSK, DH5) 10038 4.10 Bluetooth ±9.6% 10039 CAB CDMA2000 (1xRTT, RC1) CDMA2000 4.57 ± 9.6 % IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) 10042 CAB AMPS 7.78 ± 9.6 % IS-91/EIA/TIA-553 FDD (FDMA, FM) 10044 CAA AMPS 0.00 ±9.6% 10048 CAA DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) DECT 13.80 ± 9.6 % CAA 10049 DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) DECT ±9.6% 10.79 UMTS-TDD (TD-SCDMA, 1.28 Mcps) 10056 CAA TD-SCDMA ± 9.6 % 10058 DAC EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) GSM ± 9.6 % 6.52 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% CAB IEEE 802,11b WiFi 2.4 GHz (DSSS, 11 Mbps) 10061 WLAN 3.60 ±9.6% IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) 10062 CAD WLAN 8.68 ± 9.6 % IEEE 802,11a/n WiFi 5 GHz (OFDM, 9 Mbps) ±9.6% 10063 CAD WLAN 8.63 IEEE 802,11a/h WiFi 5 GHz (OFDM, 12 Mbps) CAD 10064 WIAN 9.09 ± 9.6 % 10065 IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) WLAN 9.00 ± 9.6 % IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) 10066 WLAN 9.38 ± 9.6 % IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) 10067 CAD WLAN 10.12 ± 9.6 % IEEE 802,11a/h WiFi 5 GHz (OFDM, 48 Mbps) 10068 CAD WLAN ±9.6% 10.24 10069 CAD IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) WLAN 10.56 ±9.6% 10071 IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) WLAN 9.83 ±9.6% IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) 10072 WLAN 9.62 ± 9.6 % IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) 10073 CAR WLAN 9.94 ± 9.6 % IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) 10074 CAB WLAN 10.30 ± 9.6 % IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) CAB 10075 WLAN 10.77 ± 9.6 % IEEE 802,11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) WLAN 10.94 ± 9.6 % IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) 10077 CAB WLAN 11.00 ± 9.6 % 10081 CAR CDMA2000 (1xRTT RC3) CDMA2000 3,97 ± 9.6 % IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) 10082 CAB AMPS 4.77 ± 9.6 % GPRS-FDD (TDMA, GMSK, TN 0-4) 10090 DAC GSM 6.56 ± 9.6 % UMTS-FDD (HSDPA) 10097 CAB WCDMA 3.98 ± 9.6 % CAB UMTS-FDD (HSUPA, Subtest 2) 10098 WCDMA 3.98 ± 9.6 % 10099 DAC EDGE-FDD (TDMA, 8PSK, TN 0-4)

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9.55

± 9.6 %



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|-----------------|------------------|
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| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 9 |
|-------|-----|--|---------|-------|---------|
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 9 |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 9 |
| 10103 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 9 |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz. 16-QAM) | LTE-TDD | 9.97 | ± 9.6 9 |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.01 | ± 9.6 9 |
| 10108 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ± 9.6 9 |
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 9 |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 9 |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.44 | ± 9.6 9 |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.59 | ± 9.6 9 |
| 10113 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 9 |
| 10114 | CAD | IEEE 802.11rr (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 9 |
| 10117 | CAD | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ± 9.6 9 |
| 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 9 |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.53 | ± 9.6 9 |
| 10142 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 9 |
| 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 9 |
| 10145 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.76 | ± 9.6 9 |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.41 | ± 9.6 9 |
| 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 9 |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 9 |
| 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 9 |
| 10159 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ± 9.6 9 |
| 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 9 |
| 10166 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.46 | ± 9.6 9 |
| 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 9 |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 9 |
| 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 ° |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 ° |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 ° |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TOD | 9.48 | ± 9.6 |
| 10174 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 |
| 10175 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 |
| 10176 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 |
| 10177 | CAI | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 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 9 |

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| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 9 |
|-------|-----|---|---------|-------|---------|
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ±9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 9 |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ± 9.6 9 |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 9 |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ±9.69 |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ±9.69 |
| 10189 | AAF | LTE-FDD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 9 |
| 10193 | CAD | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | 8.09 | ±9.69 |
| 10194 | CAD | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ±9.69 |
| 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 | ±9.69 |
| 10219 | CAD | IEEE 802.11n (HT Mixed, 7,2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 9 |
| 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 9 |
| 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 9 |
| 10224 | CAD | IEEE 802,11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.08 | ± 9.6 % |
| 10225 | CAB | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ±9.69 |
| 10226 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ± 9.6 9 |
| 10227 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ±9.69 |
| 10228 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK) | LTE-TDD | 9.22 | ±9.69 |
| 10229 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 9 |
| 10230 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10,25 | ±9.69 |
| 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 9 |
| 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 9 |
| 10237 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 9 |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ±9.6 % |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ±9.6 9 |
| 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-TDD | 9.46 | ±9.6 % |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD | 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 9 |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TOD | 9.29 | ± 9.6 5 |
| 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-TOD | 9.90 | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 ° |
| 10255 | | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 9 |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TOD | 9.96 | ± 9.6 |
| 10257 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TOD | 10.08 | ± 9.6 9 |
| 10258 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ± 9.6 9 |
| 10259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ±9.69 |

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| 10261 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | T | Table | 1.72 |
|-------|------|---|--------------------------|--------------|-------|
| 10262 | CAG | LTE-TOD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TOD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.24 | ± 9.6 |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 9.83 | ± 9.6 |
| 10264 | CAG | LTE-TOD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 10.16 | ± 9.6 |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.23 | ± 9.6 |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 9.92 | ± 9.6 |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 10.07 | ± 9.6 |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 16 MHz, 16-QAM) | LTE-TOD | 9.30 | ±9.6 |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TOD | 10.06 | ± 9.6 |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TOD | 10.13 | ± 9.6 |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8,10) | WCDMA | 9.58 | ± 9.6 |
| 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 4.87 | ± 9.6 |
| 10277 | CAA | PHS (QPSK) | | 3.96 | ± 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 | 11.81 | ±9.6 |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate | | 12.18 | ± 9.6 |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.91 | ±9.6 |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.46 | ± 9.6 |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.39 | ± 9.6 |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 3.50 | ± 9.6 |
| 10297 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | CDMA2000 | 12.49 | ± 9.6 |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 |
| 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 5.72 | ± 9.6 |
| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.39 | ± 9.6 |
| 10301 | AAA | IEEE 802,16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | LTE-FDD | 6.60 | ± 9.6 |
| 10302 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL) | WiMAX | 12.03 | ± 9.6 |
| 10303 | AAA | IEEE 802:16e WIMAX (25:16, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.57 | ±9.6 |
| 10304 | AAA | IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WIMAX | 12,52 | ±9.6 |
| 10305 | AAA | IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | 27.100.00 | 11.86 | ± 9.6 |
| 10305 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 15.24 | ± 9.6 |
| 10307 | AAA | IEEE 802,16e WIMAX (29:18, 10ms, 10MHz, 04QAW, PUSC) | WiMAX | 14.67 | ± 9.6 |
| 10308 | AAA | IEEE 802,16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.49 | ± 9.6 |
| 10309 | AAA | IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3) | WiMAX | 14.46 | ± 9.6 |
| 10310 | AAA | IEEE 802,16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3) | WiMAX | 14.58 | ±9.6 |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | WIMAX | 14.57 | ± 9.6 |
| 10313 | AAA | IDEN 1:3 | LTE-FDD | 6.06 | ± 9.6 |
| 10314 | AAA | IDEN 1:8 | IDEN | 10.51 | ± 9.6 |
| 10314 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc) | IDEN | 13.48 | ± 9.6 |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc) | WLAN | 1.71 | ± 9.6 |
| 10317 | AAD | IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc dc) | | 8.36 | ± 9.6 |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | WLAN | 8.36 | ±9.6 |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic Generic | 10.00 | ±9.6 |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 6.99 3.98 | ± 9.6 |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | The second of the second | | ± 9.6 |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 2.22 | ± 9.6 |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 0.97 | ± 9.6 |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.10 | ± 9.6 |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 5.22 | ± 9.6 |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ±9.6 |
| 10400 | AAE | IEEE 802:11ac WiFi (20MHz, 64-QAM, 99pc dc) | Generic | 6.27 | ± 9.6 |
| | 1.00 | | 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 |
| | | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3,76 | ±9.6 |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 |
| 10406 | HAB | CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2.3,4,7,8,9) | CDMA2000 | 5.22 | ±9.6 |

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| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ±9.69 |
|-------|-----|--|----------|-------|---------|
| 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 9 |
| 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 | ±9.69 |
| 10419 | AAA | IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) | WLAN | 8.19 | ± 9.6 9 |
| 10422 | AAC | IEEE 802,11n (HT Greenfield, 7,2 Mbps, BPSK) | WLAN | 8.32 | ±9.69 |
| 10423 | AAC | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ±9.69 |
| 10424 | AAC | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ±9.69 |
| 10425 | AAC | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ± 9.6 9 |
| 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 9 |
| 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 9 |
| 10434 | AAA | W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 9 |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 9 |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 9 |
| 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 | | ± 9.6 |
| 10456 | AAC | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc) | WLAN | 10.00 | - |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | | 8.63 | ± 9.6 9 |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | WCDMA | 6.62 | ± 9.6 ° |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 9 |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | CDMA2000 | 8.25 | ± 9.6 ° |
| 10461 | AAB | | WCDMA | 2.39 | ± 9.6 |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 |
| | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.30 | ± 9.6 9 |
| 10463 | | 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-TOD | 8.32 | ± 9.6 |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) | LTE-TOD | 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 9 |
| 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 |
| | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.70 | ± 9.6 |

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EX3DV4- SN:7688

10489 AAF

Report No: TESA2206000152E5

Rev: 01

LTE-TDD

WLAN

WI AN

WLAN

8.36

8.36

8 43

8.29

8.38

8.45

8.45

8.32

8.44

8.54

8.39

8.46

8.65

8.65

8.47

8.35

±9.6%

± 9.6 %

±9.6%

± 9.6 %

±9,6%

± 9.6 %

± 9.6 %

± 9.6 %

± 9.6 %

±9.6%

± 9.6 %

± 9.6 %

± 9.6 %

±9.6%

± 9.6 %

± 9.6 %

± 9.6 %

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± 9.6 %

± 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/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 % |
| 10500 | 240 | (EEE 000 44 W/E) (DOM) - 14000 00 4-0 | 1000 100 | | |

LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)

10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)

IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)

IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)

IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)

IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)

IEEE 802.11ac WiFl (40MHz, MCS0, 99pc dc)

IEEE 802.11ac WiFi (40MHz, MCS1, 99nc dc)

IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)

IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)

IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)

IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)

IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)

IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)

IEEE 802,11ac WiFi (40MHz, MCS9, 99pc dc)

IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)

IEEE 802,11ac WiFi (80MHz, MCS1, 99pc dc

10546 AAC IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)

10529 AAC IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)

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10528 AAC

10531 AAC

10533 AAC

10535 AAC

10536 AAC

10542 AAC

10544 AAC

AAC

AAC

AAC

10534 AAC

10538 AAC

10540 AAC

10541

10545 AAC

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| 3DV4- | SN:768 | 6 | | Octob | er 05, 2021 |
|--------|--------|---|---------|-------|--------------|
| 10547 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| don do | 440 | IEEE OOD 11 WEE (DONNIE 1100 1 DO - 1) | 124 454 | | 1 . W. W. W. |

| 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 9 |
| 10570 | AAA | IEEE 802,11g WiFi 2,4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 9 |
| 10571 | AAA | IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 9 |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 9 |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 9 |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 9 |
| 10575 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 9 |
| 10576 | AAA | IEEE 802.11g WiFi 2,4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 9 |
| 10577 | AAA | IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 9 |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 9 |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 9 |
| 10580 | AAA | IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 9 |
| 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 9 |
| 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 9 |
| 10586 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 9 |
| 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 9 |
| 10589 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 4 |
| 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 9 |
| 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 |
| | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc) | WLAN | 8.76 | ± 9.6 |

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|------|-----|-----|-------|
| | | | |

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| 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 9 |
| 10611 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 9 |
| 10612 | AAC | JEEE 802.11sc WiFi (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 9 |
| 10613 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc) | WLAN | 8.94 | ± 9.6 9 |
| 10614 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc) | WLAN | 8.59 | ± 9.6 9 |
| 10615 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 9 |
| 10616 | AAC | IEEE 802.11ac WiFi (40MHz. MCS0, 90pc dc) | WLAN | 8.82 | ± 9.6 9 |
| 10617 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc) | WLAN | 8.81 | ± 9.6 9 |
| 10618 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc) | WLAN | 8.58 | ± 9.6 9 |
| 10619 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc) | WLAN | 8.86 | ± 9.6 9 |
| 10620 | AAC | IEEE 802,11ac WiFi (40MHz, MCS4, 90pc dc) | WLAN | 8.87 | ± 9.6 9 |
| 10621 | AAC | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 9 |
| 10622 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc) | WLAN | 8.68 | ± 9.6 9 |
| 10623 | AAC | IEEE 802,11ac WiFi (40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 9 |
| 10624 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc) | WLAN | 8.96 | ± 9.6 9 |
| 10625 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | ±9.69 |
| 10626 | AAC | IEEE 802.11ac WiFI (80MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 9 |
| 10627 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 9 |
| 10628 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc) | WLAN | 8.71 | ± 9.6 9 |
| 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 9 |
| 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 9 |
| 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 9 |
| 10641 | AAD | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) | WLAN | 9.06 | ± 9.6 9 |
| 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 9 |
| 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 9 |
| 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 9 |
| 10660 | AAA | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ± 9.6 9 |
| 10661 | AAA | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ± 9.6 9 |
| 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2.19 | ± 9.6 9 |
| 10671 | AAC | IEEE 802.11ax (20MHz, MCS0, 90pc dc) | WLAN | 9.09 | ± 9.6 9 |
| | | IEEE 802.11ax (20MHz, MCS1, 90pc dc) | 18.07.00.003 | -100 | - 2012 |

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| 10673 | AAC | IEEE 802.11ax (20MHz, MCS2, 90pc dc) | WLAN | 8.78 | ± 9.6 9 |
|-------|-----|---------------------------------------|------|------|---------|
| 10674 | AAC | IEEE 802.11ax (20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 0675 | AAC | IEEE 802.11ax (20MHz, MCS4, 90pc dc) | WLAN | 8.90 | ± 9.6 9 |
| 0676 | AAC | IEEE 802.11ax (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ±9.69 |
| 0677 | AAC | IEEE 802.11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ±9.69 |
| 0678 | AAC | IEEE 802.11ax (20MHz, MCS7, 90pc dc) | WLAN | 8.78 | ± 9.6 ° |
| 0679 | AAC | IEEE 802,11ax (20MHz, MCS8, 90pc dc) | WLAN | 8.89 | ±9.69 |
| 0680 | AAC | IEEE 802.11ax (20MHz, MCS9, 90pc dc) | WLAN | 8.80 | ± 9.6 9 |
| 0681 | AAC | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 9 |
| 0682 | 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 |
| 0684 | AAC | IEEE 802.11ax (20MHz, MCS1, 99pc dc) | WLAN | 8.26 | ± 9.6 |
| 0685 | AAC | IEEE 802.11ax (20MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 9 |
| 0686 | AAC | IEEE 802.11ax (20MHz, MCS3, 99pc dc) | WLAN | 8.28 | ± 9.6 |
| 0687 | AAC | IEEE 802,11ax (20MHz, MCS4, 99pc dc) | WLAN | 8.45 | ± 9.6 9 |
| 0688 | AAC | IEEE 802.11ax (20MHz, MCS5, 99pc dc) | WLAN | 8.29 | ± 9.6 9 |
| 0689 | AAC | IEEE 802:11ax (20MHz, MCS6, 99pc dc) | WLAN | 8.55 | ± 9.6 9 |
| 0690 | AAC | IEEE 802.11ax (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 9 |
| 0691 | AAC | IEEE 802.11ax (20MHz, MCS8, 99pc dc) | WLAN | 8.25 | ± 9.6 9 |
| 0692 | AAC | IEEE 802.11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 9 |
| 0693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 9 |
| 10694 | AAC | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 |
| 0695 | AAC | IEEE 802.11ax (40MHz, MCS0, 90pc dc) | WLAN | 8.78 | ± 9.6 |
| 0696 | AAC | IEEE 802.11ax (40MHz, MCS1, 90pc dc) | WLAN | 8.91 | ± 9.6 9 |
| 0697 | AAC | IEEE 802.11ax (40MHz, MCS2, 90pc do) | WLAN | 8.61 | ± 9.6 9 |
| 0698 | AAC | IEEE 802.11ax (40MHz, MCS3, 90pc dc) | WLAN | 8.89 | ± 9.6 ° |
| 0699 | AAC | IEEE 802.11ax (40MHz, MCS4, 90pc dc) | WLAN | 8.82 | ± 9.6 ° |
| 0700 | AAC | IEEE 802.11ax (40MHz, MCS5, 90pc dc) | WLAN | 8.73 | ± 9.6 ° |
| 0701 | AAC | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8.86 | ± 9.6 |
| 0702 | AAC | IEEE 802,11ax (40MHz, MCS7, 90pc dc) | WLAN | 8.70 | ± 9.6 |
| 0703 | AAC | IEEE 802.11ax (40MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 ° |
| 0704 | 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 ° |
| 0706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ± 9.6 |
| 10707 | AAC | IEEE 802.11ax (40MHz, MCS0, 99pg dc) | WLAN | 8.32 | ± 9.6 |
| 0708 | AAC | IEEE 802.11ax (40MHz. MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 ° |
| 0709 | 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 |
| 10712 | AAC | IEEE 802;11ax (40MHz, MCS5, 99pc dc) | WLAN | 8.67 | ± 9.6 |
| 0713 | AAC | IEEE 802,11ax (40MHz, MCS6, 99pc dc) | WLAN | 8.33 | ± 9.6 |
| 0714 | 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 |
| 0716 | AAC | IEEE 802.11ax (40MHz, MCS9, 99pc dc) | WLAN | 8.30 | ± 9.6 ° |
| 0717 | 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 | 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 |
| 0722 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.55 | ± 9.6 |
| 0723 | AAC | IEEE 802.11ax (80MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 |
| 0724 | AAC | IEEE 802.11ax (80MHz, MCS5, 90pc dc) | WLAN | 8.90 | ± 9.6 |
| 0725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 |
| 0726 | AAC | IEEE 802.11ax (80MHz, MCS7, 90pc dc) | WLAN | 8.72 | ± 9.6 |
| 0727 | 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 |

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| The state of the s | October 05, 2021 |

| 10729 | AAC | IEEE 802.11ax (80MHz, MCS10, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
|-------|-----|--|---------------|------|---------|
| 10730 | AAC | JEEE 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 de) | 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 | JEEE 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 9 |
| 10751 | AAC | IEEE 802.11ax (160MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 9 |
| 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 9 |
| 10754 | AAC | IEEE 802.11ax (160MHz, MCS11, 90pc dc) | WLAN | 8.94 | ± 9.6 9 |
| 10755 | AAC | IEEE 802.11ax (160MHz, MCS0, 99pc dc) | WLAN | 8.64 | ± 9.6 9 |
| 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 9 |
| 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 9 |
| 10760 | AAC | IEEE 802.11ax (160MHz, MCS5, 99pc dc) | WLAN | 8.49 | ± 9.6 9 |
| 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 9 |
| 10763 | AAC | IEEE 802.11ax (160MHz, MCS8, 99pc dc) | WLAN | 8.53 | ± 9.6 9 |
| 10764 | AAC | IEEE 802.11ax (160MHz, MCS9, 99pc dc) | WLAN | 8.54 | ± 9.6 9 |
| 10765 | AAC | IEEE 802.11ax (160MHz, MCS10, 99pc dc) | WLAN | 8.54 | ± 9.6 9 |
| 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 | 8.23 | ± 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 9 |
| 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 9 |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8,30 | ± 9.6 9 |
| 10778 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 9 |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.42 | ± 9.6 9 |
| 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 % |

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| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | LEG NID EDA TOS | 0.10 | 1.000 |
|-------|---------|---|-----------------|------|-------|
| 10786 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 |
| 0788 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.44 | ± 9.6 |
| 0789 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 |
| 10790 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 |
| 10791 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8,39 | ±9.6 |
| 10792 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.83 | ± 9.6 |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.92 | ± 9.6 |
| 10794 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 7.95 | ± 9.6 |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 |
| 10796 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.84 | ± 9.6 |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.01 | ±9.6 |
| 10799 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 |
| 10801 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 |
| A | AAD | | 5G NR FR1 TDD | 7.89 | ± 9.6 |
| 10802 | 1110-1- | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 7.87 | ± 9.6 |
| | 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 |
| - | 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, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 |
| 10827 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.42 | ± 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-DFDM, 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 |

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|-----------------|------------------|
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| 10861 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 9 |
|-------------------------|----------------|--|--------------------------------|------|---------|
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 9 |
| 10864 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 9 |
| 10865 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 5 |
| 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 |
| _ | AAB | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ± 9.6 |
| 10919 | F - 11 - 11-11 | | | - | _ |
| 10919 | AAB | 1 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz) | SG MR ERA TITO | | |
| 10919 10920 10921 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD 5G NR FR1 TDD | 5.87 | ± 9.6 |

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Unless otherwise stated the results shown in this test report terier only to the sample(s) leader and such sample(s) leader and sample(s) leader and such sample(s) leader an Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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|-----------------|------------------|
|-----------------|------------------|

| 10923 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 9 |
|-----------|------|---|---------------|-------|---------|
| 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 | ±9.69 |
| 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 | ±9,69 |
| 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 9 |
| 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 5 |
| 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, 84-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 | | - |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | | 8.14 | ± 9.6 |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8,31 | ± 9.6 |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.61 | ± 9.6 |
| 10960 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.33 | ± 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, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.36 | ± 9.6 |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 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 | 9.55 | ± 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, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.37 | ± 9.6 |
| 10967 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 13 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.42 | ± 9,6 |
| 10972 | AAB | | 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 |
| | | 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 | | ULLA HDR8 | ULLA | 8.82 | ± 9.6 |
| 7 - 7 - 7 | AAA | ULLA HDRp4 | ULLA | 1.50 | ± 9.6 |
| 10982 | AAA | ULLA HDRp8 | ULLA | 1.44 | ± 9.6 |

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

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





Schweizerischer Kalibrierdienst Service suisse d'étalonnage C 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

SGS (Auden)

Certificata No. EUmmWV3-9399 Jan22

CALIBRATION CERTIFICATE

Object

EUmmWV3 - SN:9399

Calibration procedure(s)

QA CAL-02, v9. QA CAL-25, v7, QA CAL-42, v2

Calibration procedure for E-field probes optimized for close near field

evaluations in air

Calibration date:

January 26, 2022

This calibration certificate documents the traccability to nesonal 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 certificator

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)

| All the second s | | | |
|--|------------------|-----------------------------------|------------------------|
| Primary Standards | ID: | Gal Date (Certificate No.) | Scheduled Calibration |
| Power meter NRP | SN: 104778 | 09-Apr-21 (No. 217-03291/0292) | 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 | 5N: CG2552 (20x) | 09-Apr-21 (No. 217-03343) | Apr-22 |
| Reference Probe ER3DV6 | SN: 2328 | 08-Oct-21 (No. ER3-2328 Oct21) | Oct-22 |
| DAE4 | SN: 789 | 24-Dec-201(No. DAE4-789_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 | 5N: 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 8848C | 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 Calibrated by: Leif Klysmit Laboratory Technicists Approved by: Sven Kühn Tiebucy Manager Issued: January 28, 2022

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

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

NORMx.y.z sensitivity in free space DCP diode compression point

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

Polarization o protation around probe exis

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

i.e., 3 = 0 is normal to probe axis

information used in DASY system to align probe sensor X to the robot coordinate system Connector Angle Sensor Angles sensor deviation from the probe axis, used to calculate the field orientation and polarization

is the wave propagation direction

Calibration is Performed According to the Following Standards:

IEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz". December 2005

Methods Applied and Interpretation of Parameters:

- NORMX, y, z: Assessed for E-field polarization 9 = 0 for XY sensors and 9 = 90 for Z sensor (f \leq 900 MHz in TEM-cell: f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide hom. antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- 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
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R. Re, inductance L and capacitors C. Co.)
- 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.
- Sensor Offsel: The sensor offset corresponds to the mechanical 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).
- Equivalent Sensor Angle: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORMx (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy): in a locally homogeneous field realized using an open waveguide / hom satup.

Certificate No. EUmmWV3-9399 Jan22

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ELIMMWV3 - SN: 9399

January 25, 2022

DASY - Parameters of Probe: EUmmWV3 - SN:9399

Basic Calibration Parameters

| | Sensor X | Sensor Y | Unc (k=2) |
|-------------------------|----------|----------|-----------|
| Norm (µV/(V/m)²) | 0.01875 | 0.02047 | ± 10.1% |
| DCP (mV) ^B | 105.0 | 105.0 | |
| Equivalent Sensor Angle | -58.4 | 34.8 | |

Calibration results for Frequency Response (750 MHz - 110 GHz)

| Frequency GHz | Target E-Field V/m | Deviation Sensor X dB | Deviation Sensor Y dB | Unc (k=2) dB |
|------------------|-----------------------|--------------------------|--------------------------|-----------------|
| 0.75 | 77.2 | -0.27 | 0.02 | ± 0.43 dB |
| 1.8 | 140,4 | 0.07 | 0.11 | ± 0.43 dB |
| 2 | 133.0 | 0.06 | 0.06 | ± 0.43 dB |
| 2.2 | 124,8 | 0.05 | 0.06 | ± 0.43 dB |
| 2.5 | 123.0 | -0.04 | -0.06 | ± 0.43 dB |
| 3.5 | 256.2 | 0.12 | -0.07 | ± 0.43 dB |
| 3.7 | 249.8 | 0.17 | -0.06 | ± 0.43 dB |
| 6.6 | 41.8 | 0.53 | 0.54 | ± 0.98 dB |
| 8 | 48.4 | 0.09 | -0.10 | ± 0.98 dB |
| 10 | 54.4 | -0.04 | 0.00 | ± 0.98 dB |
| 15 | 71.5 | -0.15 | -0.46 | ± 0.98 dB |
| 18 | 85.3 | -0,23 | 0.12 | ± 0,98 dB |
| 26.6 | 96.9 | -0.26 | -0.14 | ± 0.98 dB |
| 30 | 92.6 | 0.12 | 0.07 | ± 0.98 dB |
| 35 | 93.7 | -0.26 | -0.01 | ± 0.98 dB |
| 40 | 91.5 | -0.16 | -0.28 | ± 0.98 dB |
| 50 | 19.6 | -0.04 | 0.04 | ± 0.98 dB |
| 55 | 22.4 | 0.06 | 0.02 | ± 0.98 dB |
| 60 | 23.0 | 0.02 | -0.01 | ± 0.98 dB |
| 65 | 27.4 | -0.29 | -0.24 | ± 0.98 dB |
| 70 | 23.9 | -0.02 | -0.29 | ± 0.98 dB |
| 75 | 20.0 | -0.19 | -0.08 | ± 0.98 dB |
| 75 | 14.8 | -0.18 | -0.07 | ± 0.98 dB |
| 80 | 22.5 | 0.02 | 0.17 | ± 0.98 dB |
| 85 | 22.8 | -0.02 | -0.03 | ± 0.98 dB |
| 90 | 23.8 | 0.08 | 0.10 | ± 0.98 dB |
| 92 | 23.9 | -0.14 | -0.19 | ± 0.98 dB |
| 95 | 20.5 | -0.29 | -0.33 | ± 0.98 dB |
| 97 | 24.4 | -0,05 | -0.16 | ± 0.98 dB |
| 100 | 22.6 | -0.14 | -0.13 | ± 0.98 dB |
| 105 | 22.7 | -0,02 | 0.09 | ± 0.98 dB |
| 110 | 19.7 | 0.27 | 0.25 | ± 0.98 dB |

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

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Numerical ineartzation parameter; undertainty not required

⁻ Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the



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January 26, 2022

DASY - Parameters of Probe: EUmmWV3 - SN:9399

Calibration Results for Modulation Response

| UID | Communication System Name | | A dB | dB√μV | c | dB | VR mV | Max dev. | Max Unc ^E (k=2) |
|--------|-----------------------------------|---|---------|-------|-------|--------|----------|-------------|----------------------------------|
| 0 | CW | X | 0.00 | 0,00 | 1.00 | 0.00 | 102,3 | ±3.0 % | ±4.7 % |
| | | Y | 0.00 | 0.00 | 1.00 | | 84.2 | | 200 |
| 10352- | Pulse Wayelorm (200Hz. 10%) | X | 1.36 | 60.00 | 11.77 | 10.00 | 6.0 | ±1.8% | ± 9.6 % |
| AAA | Land of the state of the state of | Y | 1.50 | 60.00 | 12.66 | 4.40.0 | 6.0 | | 20.00 |
| 10353- | Pulse Waveform (200Hz, 20%) | X | 0.79 | 60,00 | 11.12 | 6.99 | 12.0 | ± 0.9 % | ± 9,6 % |
| AAA | | Y | 0.89 | 60.00 | 11.99 | | 12.0 | | 2 410, 10 |
| 10354- | Pulse Waveform (200Hz, 40%) | × | 0.43 | 60.00 | 10.35 | 3.98 | 23.0 | ±0.8% | ± 9.6 % |
| AAA. | | Y | 0.48 | 60.00 | 11.23 | | 23.0 | 2000 | |
| 10355- | Pulse Waveform (200Hz, 60%) | X | 0.14 | 83.71 | 0.00 | 2,22 | 27.0 | ±0.6% | ± 9.6 % |
| AAA | | Y | 0.14 | 68,49 | 2.77 | | 27.0 | | - 5.0 |
| 10387- | QPSK Waveform, 1 MHz. | X | 0.83 | 60.00 | 10.47 | 1.00 | 22.0 | ≥ 1.4 % | ± 9.6 % |
| AAA | | Y | 0.79 | 60.00 | 11.09 | | 22.0 | | 2.414 |
| 10388 | QPSK Waveform, 10 MHz | X | 1.25 | 60.00 | 11.22 | 0.00 | 22.0 | ± 0.7 % | ± 9.5 % |
| AAA | | Y | 1.19 | 60.00 | 11.77 | 6.00 | 22.0 | 2.807.39 | 2.4.5.14 |
| 10396- | 64-QAM Waveform, 100 kHz | X | 1.60 | 80.00 | 13.54 | 3.01 | 17.0 | ±0.7% | ± 9.6 % |
| AAA | | | 1.54 | 60.00 | 13.97 | 2,21 | 17.0 | - MILY 18 | 4 70.00 10 |
| 10399- | 64-QAM Wayeform, 40 MHz | | 2.09 | 60.00 | 11.98 | 0.00 | 19.0 | ± 0.8 % | ± 9.6 % |
| AAA | | | 1.99 | 60.00 | 12.42 | | 19.0 | | 2.0.0 // |
| 10414 | WLAN CCDF, 54-QAM, 40MHz | X | 3.04 | 60.00 | 12.41 | 0.00 | 12.0 | ±0.7% | ± 9.6 % |
| AAA | the state of the second remove | Y | 2.88 | 60.00 | 12.84 | 2.09 | - 12.0 | 25.5.00 | 4.00 10 |

Note: For details on all calibrated UID parameters see Appendix

Calibration Results for Linearity Response

| Frequency GHz | Target E-Field V/m | Deviation Sensor X dB | Deviation Sensor Y dB | Unc (k=2) dB |
|------------------|-----------------------|-----------------------|-----------------------|-----------------|
| 0.9 | 50,0 | 0.13 | -0.08 | ± 0.2 dB |
| 0.9 | 100.0 | -0.02 | 0.14 | ± 0.2 dB |
| 0.9 | 500.0 | 0.00 | -0.02 | ± 0.2 dB |
| 0.9 | 1000.0 | 0.04 | 0.01 | ± 0.2 dB |
| 0.9 | 1500.0 | 0.03 | 0.00 | ± 0.2 dB |
| 0.9 | 2000.0 | 0.01 | +0.01 | ± 0.2 dB |

Sensor Frequency Model Parameters (750 MHz - 55 GHz)

| | Sensor X | Sensor Y |
|-----------------|----------|----------|
| R (Ω) | 80.80 | 79.51 |
| $R_{o}(\Omega)$ | 89.29 | 90.44 |
| L (nH) | 0.11739 | 0,10697 |
| C(pF) | 0.2687 | 0.2949 |
| Co (pF) | 0.0721 | 0.0715 |

Sensor Frequency Model Parameters (55 GHz - 110 GHz)

| | Sensor X | Sensor V |
|--------------------|----------|----------|
| R (0) | 24,92 | 31.18 |
| $R_{\rho}(\Omega)$ | 98,32 | 96.17 |
| L (nH) | 0.04380 | 0.03952 |
| C (pF) | 0.1104 | 0.1477 |
| Cp (pF) | 0.1235 | 0.1191 |

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January 26, 2022

DASY - Parameters of Probe: EUmmWV3 - SN:9399

Sensor Model Parameters

| | C1 fF | C2 fF | v-i | T1 ms.V ^{-z} | T2 ms.V ⁻¹ | T3 ms | T4 V~2 | T5 V-1 | T6 |
|---|----------|----------|-------|--------------------------|--------------------------|----------|-----------|-----------|------|
| X | 18.7 | 134.20 | 32.78 | 0.92 | 1.07 | 4.98 | 0.00 | 0.31 | 1.01 |
| Y | 20.3 | 146.73 | 33.40 | 0.92 | 1.82 | 4.98 | 0.00 | 0.40 | 1.0 |

Other Probe Parameters

| Sensor Arrangement | Rectangular |
|---|-------------|
| Connector Angle (*) | -22.7 |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disabled |
| Probe Overall Length | 320 mm |
| Probe Body Diameter | 8 mm |
| Tip Length | 23 mm |
| Tip Diameter | 8.0 mm |
| Probe Tip to Sensor X Calibration Point | 1.5 mm |
| Probe Tip to Sensor Y Calibration Point | 1.5 mm |

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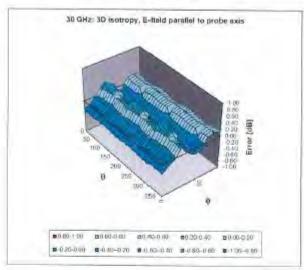
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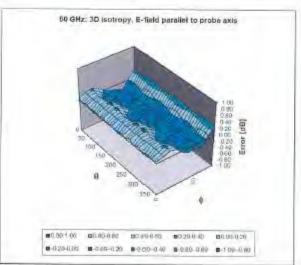
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Deviation from Isotropy in Air f = 30, 60 GHz





Probe isotropy for E_{lot} probe rotated ϕ = 0° to 360°, tilted from field propagation direction E Parallel to the field propagation (ψ =0° - 90°) at 30 GHz; deviation within \pm 0.38 dB Parallel to the field propagation (ψ =0° - 90°) at 60 GHz' deviation within ± 0.33 dB

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| Appendix: Modulation | Calibration | Parameters |
|----------------------|-------------|------------|
|----------------------|-------------|------------|

| IID | Rev | Communication System Name | Group | PAR | Und |
|-------|-----|--|-----------|---------------|---------|
| 0 | - | OW | cw | (dB) | (k=2 |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 0.00 | 147 |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 10.00 | ±9.5 |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 2.91 | ± 9.6 1 |
| 10013 | CAB | IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 9 |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | - | 49,6 |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.39 | ±9,6 |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | | ± 9.6. |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 6.56 12.62 | ± 9.6 |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | | |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 9.55 | 2 9.6 |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 4.80 | ± 9.6 |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | GSM | 3,55 | ±9.6 |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) | | 7.78 | |
| 10031 | CAA | IEEE 802.15.1 Bluetooti (GFSK, DH3) | Bluetooth | 5.30 | 19.69 |
| 10032 | CAA | (EEE 802,15.1 Bluelooth (GFSK, DH5) | Bluetooth | 1.18 | ±9.65 |
| 10033 | CAA | (EEE 802.15.1 Bluetooth (PV4-DQPSK, DH1) | Bluetooth | | 196 |
| 10034 | CAA | IEEE 802.15.1 Bluelooth (PI/4-DOPSK, DH3) | | 7.74 | ±9.6 |
| 10035 | CAA | (EEE 802.15.1 Bluetooth (PV4-DQPSK, DH5) | Bluetooth | 4.53 | ±9.6 |
| 10036 | CAA | IEEE 802.15,1 Bluetooth (8-DPSK_DH1) | Bluetooth | 3.83 | ±9.65 |
| 10037 | CAA | IEEE 802 (5.1 Bluetooth (B-DPSK, DH3) | Bluetooth | 8:01 | £9.6 |
| 10038 | CAA | (EEE 802,15,1 Stuelboth (8-DPSK, DH5) | Bluetooth | 4.77 | ±9.6 |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | Bluelooth | 4.10 | ±9.6 |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrate) | CDMA2000 | 4.57 | 19.6 |
| 10044 | CAA | IS-91/EIA/TIA-563 FDD (FDMA, FM) | AMPS | 7.78 | ±9.6 |
| 10048 | CAA | DECT (TOD, TDMA/FDM, GFSK, Fall Slot, 24) | AMPS | 0.00 | ±9.6 \ |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Stot, 12) | DECT | 13.80 | ±9.63 |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | DECT | 10.79 | ±9.61 |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | TD-SCDMA | 11.01 | ±9.63 |
| 10059 | CAB | IEEE 802:11b WiFi 2.4 GHz (DSSS, 2 Mops) | GSM | 8.52 | ±9.6 |
| 10060 | CAB | IEEE 802 11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.12 | ±9,63 |
| 10061 | CAB | IEEE 802 11b WIFI 2.4 GHz (DSSS, 11 Mbps) | WLAN | 2.B3 | ±9.6 ° |
| 10062 | CAD | IEEE 802.11e/h WIFI 5 GHz (OFDM, 6 Mbps) | WLAN | 3.60 | ±9.8 ° |
| 10063 | CAD | IEEE 802.11a/h WiFi 5 GHz (DFDM, 8 Mbps) | WLAN | 8.68 | ± 9.6 9 |
| 10064 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 8.63 | ±9.6 % |
| 10065 | CAD | IEEE 802.11s/n WIF15 GHz (OFDM, 12 Mpps) | WLAN | 9.09 | ± 9.6 % |
| 10066 | GAD | IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps) | WLAN | 9,00 | 19.6 % |
| 10067 | CAD | IEEE 802,11a/n WIFI 5 GHz (OFDM, 38 Mbps) | WLAN | 9.38 | ±9.65 |
| 10068 | CAD | IEEE 802,11a/h WIFI 5 GHz (OFDM, 36 Mbps) | WLAN | 10.12 | ± 9.6 % |
| 10089 | CAD | IEEE 802.11e/h WIFI 5 GHz (OFDM, 54 Mbps) | WLAN | 10.24 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 10.56 | ± 9.6 % |
| 0072 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) | WEAN | 9.83 | ± 9.6 % |
| 0073 | CAB | IEEE 802 11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.62 | 19.6 % |
| - | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 9,94 | ±9.6% |
| 0075 | CAB | IEEE 802.11g WiFi 2,4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.30 | ± 9.6 % |
| - | CAE | IEEE 802.11g WIF 2,4 GHz (DSSS/OFDM, 46 Mbps) | WLAN | 10.77 | ± 9.8 % |
| 0077 | CAB | IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mighs) | WLAN | 10.94 | ±9.69 |
| 1800 | CAB | CDMA2000 (1xRTT_RC3) | WLAN | 11.00 | 2969 |
| | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Fullrate) | CDMA2000 | 3.97 | ±969 |
| - | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | AMPS | 4.77 | 1969 |
| 0097 | CAB | UMTS-FDD (HSDPA) | GSM | 6.56 | 19,65 |
| 0098 | CAB | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ±9,6% |
| COMP | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | WCDMA | 3.98 | ± 9,6 % |

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| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RBL 20 WHz, QPSK) | LTE-FDD | 5.67 | 1 9.6 1 |
|-------|-----|---|---------|-------|-----------|
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTG-FDD | 5.42 | ± 9.6 % |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz; 84-QAM) | LTE-FDD | 6.60 | ±9.63 |
| 10103 | CAG | LTE-TOD (SC-FDMA, 100% RB, 20 MHz. QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10104 | CAG | LTE-TOD (SC-FDMA, 100% RB, 20 MHz: 16-QAM) | LTE-TDD | 9.97 | ±9.69 |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz: 84-QAM) | LTE-TDD | 10.01 | ±9.63 |
| 10108 | CAG | LTE-FDD (SG-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ±9.6* |
| 10109 | CAG | LTE-FDD (5G-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ±96" |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 10PSK) | 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, 84-QAM) | LTE-FDD | 6.62 | ±9.6 |
| 10114 | CAD | IEEE 802,11n (HT Greenfield, 13,5 Mbps, RPSK) | WLAN | 8.10 | 1.9.6 |
| 10115 | CAD | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | WLAN | 8,46 | ±9,8 |
| 10116 | CAD | IEEE 802,11n (HT Greenfield, 135 Mbps, 64-Q-AM) | WLAN | 8.15 | ±9.6 |
| 10117 | CAD | IEEE 802:11n (HT Mixed: 13.5 Mbps, BPSK) | WLAN | 8.07 | ±9.65 |
| 10118 | CAD | IEEE 802.11n (HT Mixed: 81 Mbps, 16-QAM) | WLAN | 8.59 | ±9.6 |
| 10119 | CAD | EEE 802.11n (HT Missd, 135 Mbps, 64-QAM) | WLAN | B:13 | ±9.65 |
| 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | ±9.69 |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-DAM) | LTE-FDD | 6.53 | ±9,61 |
| 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 | 19.65 |
| 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-FOD | 5.76 | ±9.58 |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM). | LTE-FDD | 6.41 | ±9.65 |
| 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. 84-QAM) | LTE-FDD | 6.60 | 世 9.6 年 |
| 10151 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TOD | 9.28 | ± 9.6 9 |
| 10152 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-TDO | 9.92 | ± 9.6 % |
| 10153 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-TDO | 10:05 | ± 9.6 3 |
| 10154 | CAG | LTE-FDD (SC-FDMA, 50% RB T0 MHz, CPSK) | LTE-FDD | 5,75 | ±9.61 |
| 10155 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHu, 16-QAM) | LTE-FDD | 6,43 | ±9.65 |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE4FDD | 5.79 | ±9.6 % |
| 10157 | CAG | LTE-FDD (SC-FDMA, 50% RB. 5 MHz. 16-QAM) | LTE-FDD | 5.49 | ±9.63 |
| 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 84-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10159 | CAG | LTE-FDB (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ± 9.6 3 |
| 10160 | CAE | LTE-FD0 (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 5.62 | 1 = 9.6 9 |
| 10161 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-FOD | 6.43 | ± 9.6 9 |
| 10162 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ±9.69 |
| 10166 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FOD | 5.48 | ± 9.6 % |
| 10167 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.21 | ±9.63 |
| 10168 | CAF | LTE-FDD (SC-FDMA: 50% RB, 1.4 MHz, 54-QAM) | LTE-FDO | 6.79 | ± 9.6 % |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ±9.6 % |
| 10170 | - | LTE-FDD (SC-FDMA, T RB, 20 MHz, 16-QAM) | LTE-FOO | 8.52 | ±9.69 |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-CIAM) | LTE-FDO | 6.49 | ±9,65 |
| 10172 | CAG | LTE-TOD (SC-FDMA, 1 RB, 20 MHz, IQPSK) | LTE-TDD | 9.21 | ± 9,6 9 |
| 10173 | | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TOD | 9.48 | ± 9.6 % |
| 10174 | CAG | LTE-TDD (SC-FBMA, 1 RB, 20 MHz, 64-QAM) | LTE-TOD | 10,25 | ±9,63 |
| 10175 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz; DPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10176 | CAG | LTE-FDO (SC-FDMA, 1 RB, 10 MHz. 18-QAM) | LTE-FDD | 6.52 | ±9.63 |
| 10177 | CAL | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.8 5 |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FDD | 6,52 | ± 9.6 % |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz; 64-QAM) | LTE-FDD | 6,50 | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 84-QAM) | LTE-FOD | 6.50 | ± 9.6% |
| 10181 | CAE | LTE-FDD (SG-FDMA, 1 RB, 15 MHz, OPSK) | LTE-FOD | 5.73 | ± 9.6 % |

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| 70182 | CAE | LTE-FOD (SC-FDMA, 1 RB, 15 MHz. 16-QAM) | LTE-FD0 | 6.52 | ±9.61 |
|-------|------------|---|---------|-------|---------|
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz. 64-QAM) | LTE-FDO | 8.50 | 19.6 |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ±9.61 |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ±9.6 |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 8.50 | ±9.63 |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ±96 |
| 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 | (EEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ±9.61 |
| 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 (RT Mixed, 39 Mbps, 16-QAM) | WLAN | B.13 | ±9.6 |
| 10198 | CAD | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | B.27 | ± 9.6 |
| 10219 | CAD | IEEE 802.14n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 |
| 10220 | CAD | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | WEAN | 8.13 | ± 9.6 |
| 10221 | CAD | IEEE 802.11n (HT Mixed, 72.2 Mbps, 84 QAM) | WLAN | 8.27 | - |
| 10222 | CAD | IEEE 802.11m(HT Mixed, T5 Mbps, BPSK) | WLAN | | 19,6 |
| 10223 | CAD | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | WLAN | 8.06 | ± 9,6 |
| 10224 | CAD | IEEE 802.11n (HT Mixed, 150 Mbgs, 64-QAM) | | 8.48 | ± 9,63 |
| 10225 | CAB | UMTS-FDD (HSPA+) | WLAN | 8.08 | ± 9.6 |
| 10226 | CAE | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | WCDMA | 5.97 | 19.6 |
| 10227 | CAB | LTE-TOD (SC-FDMA, 1 RB, 1,4 MHz, 64 QAM) | LTE-TOD | 9.49 | 29.6 |
| 10228 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK) | LTE-TDD | 10.26 | 1969 |
| 10229 | CAD | | LTE-TDD | 9,22 | ± 9.6 ° |
| 10230 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10231 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 84-QAM) | LTE-TOD | 10.25 | 195 |
| 10232 | CAG | LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ±9.65 |
| 10233 | | LTE-TDD (SC-FDMA, 1 RB, 5 MHz. 16-QAM) | LTE-TOD | 9.48 | ± 9.6 |
| - | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | 19.6 |
| 10234 | CAG | I.TE-TOD (SC-FOMA, 1 R8, 5 MHz, QPSK) | LTE-TOD | 9.21 | ±9,6° |
| 10235 | CAG | LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TOD | 9.48 | ±9.63 |
| 10235 | CAG | LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 84-QAM) | LTE-TOD | 10.25 | ±989 |
| 10237 | CAG | LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TOD | 9.21 | £967 |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM); | LTE-TOD | 9.48 | ≥9.63 |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDO | 10.25 | 1965 |
| 10240 | | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TOD | 9.21 | ±9.65 |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ±9.63 |
| 10242 | - | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 9.86 | ±9.69 |
| 10243 | | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TDD | 9:46 | ±9.6% |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDO | 10.06 | ±9.63 |
| 10245 | The second | LTE-TDD (SC-FDMA, 50% RB. 3 MHz. 64-QAM) | LTE-TDD | 10.06 | ±9.69 |
| 10246 | | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9:30 | ±9.63 |
| 10247 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TOD | 9.91 | ±9,63 |
| 10248 | | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) | LTE-TDD | 10,09 | ±9.61 |
| 10249 | | LTE-TDD (SC-FDMA, 50% RB. 5 MHz. QPSK) | LTE-TDD | 9.29 | ±9.65 |
| 10250 | CAG | LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.81 | ±9.63 |
| 10251 | GAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TOD | 10.17 | ±9.63 |
| 0252 | CAG | LTE-TDB (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TOD | 9.24 | ± 9.6 9 |
| 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 | m 9.6 % |
| 10255 | CAF | LTE-TOD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 9 |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TOD | 9.96 | ± 9.6 % |
| 10257 | CAB | LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 84-QAM) | LTE-TOD | 10.08 | ± 9.6 % |
| 10258 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TOD | 9.34 | ± 9.6 % |
| 0259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ± 9.6 % |
| 10260 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ± 9.6 % |

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| 10261 | CAD | LTE-TDD (SC-FDMA, 106% RB, 3 MHz, QPSK) | LTE-TOD | 9.24 | 1 9.87 |
|--------|------|--|-------------------|-------|-----------|
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 18-QAM) | LTE-TOD | 9.83 | ± 9.6 5 |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 84-Q/AM) | LTE-TDD | 10.16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TOD | 9.23 | ± 9.6 3 |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RS, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.5 3 |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | 1983 |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LIE-IDD | 9.30 | 1969 |
| 10268 | CAF | LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | 1 ± 9.6 9 |
| 10269 | CAF | LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TOD | 10:13 | 196 |
| 10270 | CAF | LTE-TDQ (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | =989 |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ± 9.6 9 |
| 10275 | GAB | UMTS-FBD (HSUPA, Subtest 5, 3GPF Rel8.4) | WCDMA | 3.96 | ± 9.6 4 |
| 10277 | CAA | PH5 (OPSK) | PHS | 11,81 | 1967 |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11,81 | ±9.69 |
| 10279 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0,38) | PHS | 10000 | - |
| 10290 | AAB | CDMA2000, RC1, S055, Full Rate | CDMA2000 | 12.18 | ±9.6 |
| 10291 | AAB | CDMA2000, RC3, SOS6, Full Rate | CDMA2000 | 3.91 | ± 9.6 7 |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | The second second | 3,46 | ±9.6 % |
| 10293 | AAB | CDMA2000, RCa, S03, Full Rate | CDMA2000 | 3.39 | ±9.63 |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 3.50 | ±9.63 |
| 10297 | AAD | LTE FDD (SC-FDMA, 50% RB: 20 MHz, OPSK) | CDMA2000 | 12.49 | 19.6 |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5,81 | 29.6% |
| 10299 | AAD | | LTE-FDD | 5.72 | ≥9.89 |
| 10300 | AAD | LTE-FD0 (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-FD0 (SC-FDMA, 50% RB, 3 MHz, 84-QAM) | LTE-FDD | 6.39 | ±9.63 |
| 10301 | AAA | | LTE-FDD | 6.60 | ±9.65 |
| 10302 | AAA | IEEE 802.16e WIMAX (28:18, 5ms. 10MHz, OPSK, PUSC) | WIMAX | 12.03 | 1964 |
| 10303 | AAA | IEEE 802 18e WIMAX (20 18, 5ms. 10MHz, QPSK, PUSC, 3CTRL) | WIMAX | 12,57 | ±9.6% |
| | - | 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, 54QAM, PUSC) | WMAX | 11.86 | ±9,6% |
| 10305 | AAA | IEEE 802.16e WIMAX (31/15, 10ms, 10MHz, 84QAM, PUSC) | WIMAX | 15.24 | ±9.6% |
| 10306 | AAA | [EEE 802.16s WIMAX (29:18, 10ms, 10MHz, 84QAM, PUSC) | WIMAX | 14.67 | ±9.6 % |
| 10307 | AAA | IEEE 802 16e WMAX (29:18, 10ms, 10MHz, QPSIC PUSC) | WIMAX | 14,49 | ± 9,6 9 |
| 10308 | AAA | IEEE 802.16e WMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WIMAX | 14,48 | ±9,6,3 |
| 10309 | AAA | TEEE 802-16e WIMAX (29:18, 10ms, 10MHz, 16/QAM,AMC 2x3) | WiMAX | 14,58 | ± 9,6 8 |
| 10310 | AAA | IEEE 802,15e WIMAX (29:16, 10ms, 10MHz, QPSK, AMC 2x3 | WIMAX | 14,57 | ±9,6% |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, DPSK) | LTE-FDD | 8.06 | 29.63 |
| 10313 | AAA | IDEN 1/3 | IDEN | 10.51 | ± 9.6 % |
| 103/14 | AAA | IDEN 1:6 | IDEN | 13.45 | ±9.63 |
| 10315 | AAB | IEEE 802 11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc dc) | WEAN | 1.71 | 29.63 |
| 10316 | AAB | IEEE 802-11g WiFi 2.4 GHz (ERP-OFDM: 6 Mbps, 98oc dc) | WLAN | 8.36 | 1 2 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 | 2969 |
| 10353 | AM | Pulse Wayelorn (200Hz, 20%) | Generic | 6.99 | ±96% |
| 10354 | AAA | Pulse Wavelorm (200Hz, 40%) | Generic | 3.98 | ±9.6% |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10356 | - | Pulse Waveform (200Hz, 60%) | Generic | 0.97 | ± 9.6 % |
| 10387 | - | QPSK Waveform: 1 MHz | Generic | 5.10 | ±9.6 % |
| 10388 | AAA | QPSK Waveform 10 MHz | Generic | 5,22 | ± 9.6 % |
| 10396 | | 64-QAM Waveform, 100 kHz | Genetic: | 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, 99bq dg) | WLAN | B.37 | ± 9.6 % |
| 10401 | AAE | IEEE 802,11ac WiFi (40MHz, 64-QAM, 99pc da) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAE | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99ac dc) | WLAN | 0.53 | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CEMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ±9.6% |
| 10406 | AAB | CDMA2000 RC3, SG32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subv2,3.4,7,8.9) | LTE-TDD | 7.82 | ±9.6 % |

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| 10414 | AAA | WLAN CODF, 54-DAM, 40MHz | Generic | 8.54 | ±9.63 |
|-------|-----|--|----------|-------|---------|
| 10415 | AAA | IEEE 902 116 WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc de) | WLAN | 1.54 | 2 9.6 % |
| 10416 | AAA | IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc do) | WLAN | 8.23 | #9.69 |
| 10417 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbbs, 99pc do) | WLAN | 8.23 | ± 9.6 9 |
| 1041B | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) | WLAN | 8.14 | ± 9.6 5 |
| 10419 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Shart) | WLAIN | B.19 | ± 9.63 |
| 10422 | AAC | IEEE 802.11n (HT Greenfield, 7.2 Mbps, SPSK) | WLAN | 8.32 | ± 9.6 |
| 10423 | AAC | IEEE B02.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | B.47 | ± 9.6 |
| 10424 | AAC | IEEE 802.11in (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 | B.45 | ± 9.8 |
| 10427 | AAC | (EEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | E.41 | ±9.6 |
| 10430 | AAD | LTE-FDD (OFDMA, 6 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 | ±9.5 |
| 10432 | AAC | LTE-FDD (OFDMA, 15 MHz. E-TM 3.1) | LTE-FDD | 8.34 | 195 |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3 1) | LTE-FDD | 8.34 | ± 9.6 5 |
| 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-TDO | 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, Cloping 44%) | LTE-FDD | 7.48 | +9.6 |
| 10451 | AAA | W-COMA (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 WiF (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 camers) | CDMA2000 | 8.25 | 19.6 |
| 10480 | 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-TOD | 7.82 | ±9.65 |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz; 16-DAM, UL Sub) | LTE-TDD | 8.30 | ±9.63 |
| 10463 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1 4 MHz; 64-QAM, UL Sub) | LTE-TOD | 8.56 | ±8.6 |
| 10464 | AAC | LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) | LTE-TOO | 7.E2 | ±9.6 |
| 10465 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDO | 8.32 | ±9.83 |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, LJL Sub) | LTE-TDD | 8.57 | ± 9.6 |
| 10467 | AAF | LTE-TOO (SC-FDMA, 1 RB, 5 MHz, QPSK: UL Sub) | LTE-TDD | 7.82 | ±96 |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB. 5 MHz. 16-QAM, L/L Sub) | LTE-TDD | B.32 | ±9.65 |
| 10469 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 84-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 1 |
| 10472 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 5 |
| 10473 | AAE | LTE TDG (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 5 |
| 10474 | AAE | LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 16 QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 9 |
| 10475 | AAE | LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) | LTE-TOD | 8.57 | ±9.69 |
| 10477 | AAF | LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.32 | ± 9.6.9 |
| 10478 | AAF | LTE TOD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | = 9.63 |
| 10479 | AAB | LTE-TOD (SC-FDMA, 50% RB, T-4 MHz, QPSK, UL Sub) | LTE-TOD | 7.74 | 1983 |
| 10480 | AAB | LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 19-QAM, UL Sub) | LTE-TOD | 8.18 | ±9.63 |
| 10481 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM, UL Sub) | LTE-TOD | 8.45 | ± 9.6.9 |
| 10482 | AAC | LTE-TOD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.71 | ±9,69 |
| 10483 | AAC | LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) | LTE-TOD | 8.39 | ± 9.6 9 |
| 10484 | AAC | LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 84-DAM, LIL Sub) | LTE-TOD | 8.47 | ± 9.6 9 |
| 10485 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UI, Sub) | LTE-TDD | 7.59 | ± 9.6 5 |
| 10486 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.38 | ± 9.6 9 |
| 10487 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM, UL Sub) | LTE-TOD | 8,60 | ± 9.6 % |
| 10488 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) | LTE-TOD | 0,00 | 2007 |

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| 10489 | AAF | LTE-TDD (SC FDMA, 50% RB, 10 MHz, 18-QMM, UL Sub). | LTE-TDD | 5.31 | ±9.8% |
|-------|------|---|---------|------|---------|
| 10490 | AAF | LTE-TOD (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, OPSK, UL Sub) | LTE-TDD | 7.74 | ±969 |
| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub). | LTE-TOD | 8.41 | ± 9.6 9 |
| 10493 | AAE | LTE-TOD (5C-FDMA, 50% RB, 15 MHz; 64-QAM, UL Sub); | LTE-TDD | 8.55 | ±9.65 |
| 10494 | AAF | LTE-TOD (SC-FDMA, 50% RB, 20 MHz, OPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TOO | 8.37 | ₽ 9.6.9 |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Sub) | LTE-TDD | 8.54 | ±9.63 |
| 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, 1001/4 RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.40 | 1963 |
| 10499 | AAB. | LTE-TDD (SC-FDMA, 100% R8, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 88,8 | 49.69 |
| 10500 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub) | LTE-TOD | 7.67 | ±9.6% |
| 10501 | AAC | LTE-TDD (SC-FDMA, 100% RB, 2 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.44 | ±9.6% |
| 10502 | AAC | LTE-TOD (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-TIDD (GC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | 196% |
| 10505 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ±9.6% |
| 10506 | AAF | LTE-TOD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub) | LTE-TOD | 7.74 | ±9.6% |
| 10507 | AAF | LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TOD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 64-CIAM, 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 | 19.63 |
| 10511 | AAE | LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.51 | ±9.69 |
| 10512 | AAF | LTE-TOD (SC-FDMA, 100% RB, 20 MHz, OPSK, UL Sub) | LTE-TOD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-DAM, UL Sub) | LTE-TOD | B.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-OAM, UL Sub) | LTE-TOD | B.45 | ±9.6% |
| 10515 | AAA | (EEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc 8c) | 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, 98pc dc) | WLAN | 1.58 | ±9.6% |
| 10518 | AAC | IEEE 802 11s/h WiFI 5 GHz (OFDM, 9 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAC | IEEE 802 11a/h WIFLS GHz (OFDM, 12 Mpps, 99pc db) | WLAN | 8.39 | ± 9.8 % |
| 10520 | AAC | (EEE 902.1 tw/n WIFI 5 GHz (OFDM, 18 Mbps, 59pc dc) | WLAN | 8.12 | ±9.6 % |
| 10521 | AAG | IEEE 802,11a/h WiFi.5 GHz (OFDM, 24 Mbps, 99pc do) | WLAN | 7.97 | ±9.6 % |
| 10522 | AAC | (EEE 802,11s/h WIFLS GHz (OFDM, 38 Maps, 99pc dc) | WLAN | B.45 | ± 9.6 % |
| 10523 | AAC | (EEE 802.11s/n WIF/5 GHz (OFDM, 48 Maps, 98pc dc) | WLAN | 80.8 | ± 9.6 % |
| 10524 | AAC | IEEE 802,1 la/n WIF 5 GHz (OFDM, 56 Mbps, 99pc 4c) | WLAN | 8.27 | ±9,6 % |
| 10525 | AAC | (EEE 802.11ac W/F (20MHz, MCS0, 39pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10528 | AAC | (EEE 802.11ac Wife (20MHz, MCS1, 39pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAC | IEEE 802.11ac WiFr (20MHz. MCS2, 99pc do) | WLAN | 8.21 | ±9.6 % |
| 0528 | AAC | IEEE 802 11ac WiFi (20MHz, MCS3, 99pt dc) | WLAN | 8.36 | ± 9.6 % |
| 10529 | AAC | IEEE 802.11ac WIFI (20MHz, MCS4, 99pcdc) | WLAN | 8.36 | 198% |
| 10531 | AAC | IEEE 802.11ac WiFl (20MHz, MCS8, 98pc dc) | WLAN | 8.43 | #9.6% |
| 10532 | AAC | IEEE 802 11ac WIFI (20MHz, MCS7, 99pc do) | WLAN | 8.29 | ± 9.6 % |
| 10533 | AAC | IEEE 802 1 fac 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 | _ | IEEE 802,11sq WIFI (40MHz: MCS1, 89pc dc) | WLAN | 8.45 | 29.6 % |
| 0536 | AAG | [EEE 802,11ac WiFi (40MHz, MCS2, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10537 | | IEEE 802.11ac WiFi (40MHz. MCS3, 99pc dc) | WLAN | 8.44 | ± 9.5 % |
| 0538 | AAC | (EEE 802 11sc WIFI (60MHz, MCS4, 99pc dc) | WLAN | 8,54 | ± 9.6 % |
| 0540 | AAC | (EEE 802.11ac WiFi /40MHz, MCS6, 99pc 6c) | WLAN | 8,39 | ± 9.6 % |
| 0541 | AAC | IEEE 802.11ap WFI (40MHz, MCS7, 99pp dc) | WLAN | 8,46 | ±9.6 % |
| 0542 | AAC | IEEE 802,11sc WiFI (40MHz, MCS8, 99pc dd) | WLAN | 8,65 | ± 9.6 % |
| 0543 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 0544 | AAC | (EEE 802,11ac WiFi (80MHz; MGS0, 98pc dd) | WLAN | 8.47 | ± 9.6 % |
| 0545 | AAC | IEEE 802.11ac W/Fi (80WHz, MGS1, 99pc dc) | WLAN | 8.55 | ±9.6% |
| 0548 | AAC | IEEE 802.1 (ac WFI (80MHz, MGS2, 99pc dc) | WLAN | 0.00 | 2 0.0 % |

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| 10547 | 1000 | IEEE 802 11ac WIFI (BOMHz, MCS3, 99pc dc) | WLAN | 8.49 | 1 ±9,6 % |
|-------|------|---|------|------|----------|
| 10548 | _ | IEEE 802.11ac WiFi (80MHz, MCS4, 9960 00) | WLAN | 8.37 | ±9.63 |
| 10550 | AAC | IEEE 802, 11ac WFI (80MHz, MCS8, 99oc oc) | WLAN | 8.39 | £9.61 |
| 10551 | AAC | EEE 802.11ac WiFI (80MHz, MCS7, 99pc dc) | WEAN | 8.50 | ±9.64 |
| 10552 | AAC | (EEE 802.11ac WiFi (80MHz, MC58, 99pc dc) | WLAN | 8.42 | ± 9.6 3 |
| 10553 | AAC | IEEE 802,11an WiFi (80MHz, MCS9, 99pc do) | WLAN | 8.45 | ±9.63 |
| 10554 | AAD | EEE 802.11ac WiFi (180MHz, MCS0, 99pc.de) | WLAN | 8.48 | ±9.63 |
| 10555 | CIAA | IEEE 802.11ac W/Fi (160MHz, MCS1, 99pc 0c) | WLAN | 8.47 | ±9.63 |
| 10556 | AAD | IEEE 802 11ac WIFI (160MHz, MCS2, 99pc 0c) | WLAN | B.50 | ±9.63 |
| 10557 | AAD | IEEE 802.11ac WIFI (160MHz. MCS3, 99pc ac) | WLAN | 8.52 | ±963 |
| 10558 | AAD | IEEE 802 11ac WIFI (160MHz, MCS4, 98pc dc) | WLAN | 8.61 | ±9.6 % |
| 10560 | AAD | IEEE 802 11ac WIFI (160MHz, MCS6, 89pc dc) | WLAN | 8.73 | = 9.8 % |
| 10561 | AAD | IEEE 802 11ac WiFi (160MHz, MCS7, 99pc dc) | WLAN | 8,56 | ±9.63 |
| 10562 | AAD | IEEE 802.11ad WiFi (160MHz, MC38, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAD | IEEE 802,11ac WIFI (180MHz, MCS9, 98pc dc) | WLAN | B.77 | ± 9.8 % |
| 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 (DSS5-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAA | IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ±9.63 |
| 10567 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99ga dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAA | IEEE 802.11g WiFi 2,4 GHz (DSSS-QFDM: 36 Mbps, 99pc dc) | WLAN | 8.37 | ±9.65 |
| 10569 | AAA | IEEE 802 11g WiFi 2,4 GHz (DSSS-OFDM; 48 Mbps, 98pc dc) | WLAN | 8.10 | 19.69 |
| 10570 | AAA | IEEE 802 11g WiFi 2,4 GHz (DSSS-OFDM, 54 Mbps, 98pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAA | IEEE 802 11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pp de) | WLAN | 1.99 | ± 9.6 9 |
| 10572 | AAA | IEEE 802 11ti W Fi 2.4 GHz (DSSS, 2 Mbas, 90pc dc) | WLAN | 1.99 | ±9.6.9 |
| 10573 | AAA | IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dq) | WEAN | 1.98 | ± 9,6.9 |
| 10574 | AAA | IEEE 802.11ti WiFi 2.4 GHz (DSSS, 11 Maps, 90pc dc) | WLAN | 1.98 | ±9.63 |
| 10575 | AAA | IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | £ 9.6 % |
| 10578 | AAA | IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc.do) | WLAN | 8.60 | ±9.69 |
| 10577 | AAA | IEEE 802,11g WIFI 2.4 GHz (DSSS-OFOM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ±9.6% |
| 10578 | AAA | IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mops, 90pg dc) | WLAN | 8.49 | 19.65 |
| 10579 | AAA | IEEE 902.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ±9.65 |
| 10580 | AAA | IEEE 802:T1g WiFi 2.4 GHz (DSSS-OFDM: 38 Mbps, 90pc dc) | WLAN | 8.76 | ±9.63 |
| 10581 | AAA | IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc do) | WLAN | 8.35 | # 9.6 % |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | 19.6% |
| 10583 | AAC | IEEE 802.11a/h WIFi 6 GHz (OFOM, 6 Mbps, 90pc do) | WLAN | 8.59 | ±9.6% |
| 10584 | AAC | IEEE 802 11a/h WiFl 5 GHz (OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ±9.6% |
| 10585 | AAC | (EEE 802.11a/h W/FI 5 GHz (OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | = 9.6 % |
| 10586 | AAC | IEEE 802.11am WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ±9.69 |
| 10587 | AAC | IEEE 802,11ah WiFi 5 GHz (OFDM, 24 Mbps, 90pc do) | WLAN | 8,36 | ± 9.6 % |
| 10588 | AAC | (EEE 802.11a/n Wifi 5 GHz (OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ±9.6% |
| 10589 | AAC | IEEE 802.11am WIFI 5 GHz (OFDM, 48 Mbps. 90pc dc) | WEAN | 8.35 | ± 9.6 % |
| 10590 | AAC | IEEE 802.11am 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 | £ 63 | 19.6% |
| 10592 | AAC | IEEE 802.11n (HT Mixed; 20MHz, MCS1, 90pc dc) | WLAN | 8,79 | ±9.63 |
| 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 | ± 9.8 % |
| 10595 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MGS4, 90pc dc) | WLAN | 8.74 | ±96% |
| 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 de) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAC | IEEE 892.11n (HT Mixed, 40MHz, MCS0, 90pc oc) | WLAN | 8.79 | 19,5 % |
| 10600 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc do) | WLAN | 88.6 | ± 9.6 % |
| 10601 | AAC | JESE 802,11n (HT Mixed, 40MHz, MCS2, 90pc do) | WLAN | 8.82 | ±9.6 % |
| 10602 | AAC | IEEE 802,11n (HT Mixed, 40MHz, MCS3, 90pc dc) | WLAN | 8.94 | ±9.6 % |
| 10503 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc do) | WLAN | 9.03 | ±9.6 % |
| 10604 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc do) | WLAN | 8.76 | ± 9.6 % |

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| 10605 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc 04) | WLAN | 8.97 | ± 9.6 |
|-------|------|---|-----------|-------|---------|
| 10606 | AAC. | IEEE 802,11n (HT Mixed, 40MHz, MCS7, 90pc (lis) | WLAN | B.82 | 19.6 |
| 10607 | AAC | (EEE 802.11ac WIFI (20MHz, MCS0, 90pc ac) | WLAN | 8 64 | 19.6 |
| 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 11ec WiFi (20MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 |
| 10612 | AAC | IEEE 802.11ac WiFI (20MHz, MGS5, 90pc dc) | WLAN | 8.77 | ±9.6 |
| 10613 | AAC | (EEE 802 11ac WIFI (20MHz, MCS6, 90pc dc) | WLAN | 8.94 | ± 9.6 |
| 10814 | AAC | IEEE 802 11ac WiFi (20MHz, MCS7, 90pc dc) | WLAN | 8.59 | ±9.6 |
| 10615 | AAC | IEEE 802.11ad WiFi (20MHz, MC\$8, 90pg db) | WLAN | 8.82 | ±9.6 |
| 10616 | AAC | IEEE 802.11ac WIFI (40MHz, MCS0, B0pc dd) | WLAN | 8.82 | ± 9.6 |
| 10617 | AAC | (EEE 802.11ac WiFi (40MHz, MOS1, 90pc dc) | WLAN | 8.81 | ±9.6 |
| 10618 | AAC | IEEE 802.11ag WiFi (40MHz, MCS2, 90pc de) | 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, 80pc dc) | WLAN | 8.87 | +9,6 |
| 10821 | AAC | IEEE 802, (Tac WIFI (40MHz, MCS6, 90pc dc) | WLAN | 8.77 | ±9,6 |
| 10622 | AAC | TEEE 802,11ac WIF (40MHz, MCSB, 90pc dcl | WLAN | 8.68 | ±9.6 |
| 10623 | AAC | IEEE 802.11sc WiFi (40MHz, MCSY, 90pc dc) | WLAN | 8.82 | ±9.6 |
| 10624 | AAC | IEEE 802 11ac WiFi (40MHz, MCS8, 90pc.dc) | WLAN | 8.96 | ± 9.5 |
| 10625 | AAC | IEEE 802.11ac WiFI (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | - |
| 10626 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc/dc) | WLAN | - | 198 |
| 10627 | AAC | IEEE 802.11ac WIFI (80MHz, MCS1, 90pc aci | | 8.83 | ±9.6 |
| 10828 | AAC | IEEE 802,11ac WIFI (B0MHz, MCS2, 90pc dc) | WLAN | 8.88 | ±9.6 |
| 10629 | AAC | IEEE 802,11ac WiFi (80MHz, MCS3, 90pc de) | WLAN | 8.71 | ±9.6 |
| 10630 | AAC | IEEE 802 11ac WiFi (80MHz, MCS4, 90pc dd) | WLAN | 8,85 | ± 9.6 |
| 10631 | AAC | IEEE 802 11ac WiFI (80MFb, MCSS, 90pc oc) | WLAN | 8.72 | ± 9.6 |
| 10632 | AAC | IEEE 802.11ac WIFI (80MHz, MCS6, 90pc dc) | WLAN | 8,81 | ± 9.6 |
| 10633 | AAC | | WLAN | 8,74 | 19.6 |
| 10634 | AAC | IEEE 802.11ac WF) (80MHz, MCS7, 90pc dd) | WLAN | 8.83 | ± 9.6 |
| 10635 | AAC | IEEE 902,11ac WIFI (8DMHz, MCS8, 90pc dc) | WLAN | B.80 | ± 9.6 |
| | | IEEE 802.11ac WiFi (80MHz, WCS8, 90pc dd) | WLAN | 8.81 | ± 9.6 |
| 10636 | AAD | IEEE 802.11ac WiF (160MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 |
| 10837 | AAD | IEEE 802 11ac WiFi (180MHz, MCS1, 90pc dd) | WLAN | B 79 | ±9.6 |
| 10638 | AAD | IEEE 802,11ac WIFI (160MHz, MCS2, 90pc dc) | WLAN | 8,86 | 19.6 |
| 10639 | AAD | IEEE 802.11ac WIFI (180MHz, MCS3, 90pc dc) | WLAN | 8.85 | ±9.6 |
| 10840 | AAD | IEEE 802,11ac WIFI (160MHz, MCS4; 90pc dc) | WLAN | 89,8 | ± 9.6 |
| 10641 | AAD | IEEE 802,11ac WiFi (180MHz, MCS5, 90pc dc) | WLAN | 9.06 | = 9.6 |
| 10642 | AAD | (EEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) | WLAN | 9.06 | ±9.6 |
| 10643 | AAD | IEEE 802.11ac WiFi (150MHz, 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, 80pc dc) | WLAN | 9.11 | ±9.6 |
| 10646 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sab=2.7) | LTE-TOD | 11,96 | ±9,6 |
| 10647 | AAF | LTE-TOD (SC-FDMA, 1 RB, 20 MHz, QPSK; UL Sub=2,7) | LTE-TOO | 11.96 | 士 9.6 |
| 10648 | AAA | CDMA2000 (1x Advanced) | CDMA2000 | 3.45 | ±9.6 |
| 10852 | AAE | LTE-TDD (OFDMA, 5 MHz. E-7M 3.1 Clipping 44%) | LTE-TOD | 6.91 | ± 9,6 |
| 10653 | AAE | LTE-TOD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | 1.TE-TDD | 7.42 | ± 9,6 |
| 10654 | AAD | LTE-TOO (QFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TOO | 6.96 | ± 9.6 |
| 10855 | AAE | LTE-TDO (DFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | ± 9.6 |
| 0658 | AAA | Pulse Waveform (200Hz, 10%) | Test | 10.00 | ± 9.6 |
| 10659 | AAA | Pulse Waveform (200Hz, 20%) | Test | 5.99 | ±9.6 |
| 10660 | AAA | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ±9.61 |
| 10661 | AAA | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 |
| 10662 | AAA | Pulse Waveform (200Hz, 80%) | Tirst | 0.97 | ±9.6 |
| 10670 | AAA | Bluetooth Low Energy | Bluetpoth | 2.19 | ± 9.6 ° |
| 10671 | AAC | IEEE 802.11ax (20MHz, MCS0, 90pc.dq) | WLAN | 9.09 | #9.6 |
| 10672 | AAC | IEEE 802.11ax (20MHz, MCS1, 90pc dc) | WLAN | 8.57 | ±9.69 |

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| 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, MC35, 90pc dc) | WLAN | 8.77 | ± 9.6 |
| 10677 | AAC | /EEE 802,11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ± 9.61 |
| 10678 | AAC | IEEE 802,11ax (20MHz, MCS7, 90pc dc) | WLAN | 8.78 | ± 9.6 |
| 10679 | AAC | IEEE 802,1 tax (20MHz, MCS8, 90pc dc) | WLAN | 8.89 | ±9.63 |
| 10680 | AAC | IEEE 802.11ax (20MHz, MCS9, 90pc dc) | WLAN | 8.80 | 29.6 |
| 10681 | AAC | IEEE 802.1 tax (20MHz, MC318, 90pc dc) | WLAN | 8,62 | ± 9.6 |
| 10682 | AAC | IEEE 802 11ax (20MHz, MCS11, 80pc dc) | WLAN | 8.83 | ± 9.6 |
| 10683 | AAC | IEEE 802.11ax (20MHz, MCS0, 99pc.dc) | WLAN | B.42 | ± 9.6 |
| 10684 | AAC | IEEE 802.11ax (20MHz. MCS1, 99pc dc) | WLAN | 8.26 | ± 9.6 |
| 10685 | AAC | IEEE 802.11ax (20MHz. MCS2, 89pc 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 | B.45 | ± 9.6 |
| 10688 | 'AAC' | IEEE 802,11ax (20MHz, MCS5, 99pc do) | WLAN | B.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 | 1 9.6 |
| 10692 | AAC | IEEE 802.11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 |
| 10693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pg dc) | WLAN | 8.25 | ± 9.6 |
| 10694 | AAC | IEEE 802.11ax (20MHz, MCS11, 99pc do) | WLAN | 8.57 | ± 9.6 |
| 10695 | AAC | IEEE 802.1124 (40MHz. MCS0, 90pc dc) | WLAN | 8.78 | ±96 |
| 10696 | AAC | IEEE 802.11ax (40MHz, MCS1, 90pc up) | WLAN | 8.91 | ±9.6 |
| 10697 | AAC | IEEE 802.11ax (40MHz, MCS2, 90pc dc) | WLAN | | The second |
| 10698 | AAC | (EEE 802.11ax (40MHz, MCS3, 90pc do) | WLAN | 8.81 | ± 9,6 |
| 10699 | AAC | IEEE 802 T1ax (40MHz, MCS4, 90pc dd) | WLAN | 8.89 | - |
| 10700 | AAC | (EEE 802 11ax (40MHz, MCS5, 90pc dc) | WLAN | 8.82 | ±9,6 |
| 10701 | AAC | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8,73 | 19.6 |
| 10702 | AAC | (EEE 802 11ax (40MHz, MC57, 90pc dc) | WLAN | 9.86 | ±9.63 |
| 10703 | AAC | IEEE 802 11ax (40MHz, MCS8, 90gc dg) | WLAN | 8.70 | ± 9.6 |
| 10704 | AAC | IEEE 802 118x (40MHz. MCS9, 90pp dc) | WLAN | 8.82 | ± 9.6° |
| 10705 | AAC | IEEE 802.11ax (40MHz, MCS10, 90pc dc) | WLAN | 8.56 | ±9.6 |
| 10706 | AAC | IEEE 802 11sx (40MHz, MCS11, 90pc dc) | WLAN | 8.69 | ±9.61 |
| 10707 | AAC | IEEE 802 11ax (40MHz, MCS0, 99pc dc) | 10000000 | 8.56 | ±9.6 |
| 10708 | AAC | IEEE 802,11ax (40MHz, MCS1, 99pc dc) | WLAN | 8.32 | ±9.6 |
| 10709 | AAC | IEEE 802,11ax (40MHz, MCS2, 99pc dc) | WLAN | 8.55 | ±9.6 |
| 10710 | AAC | IEEE 802.11ax (40MHz, MCS3, 99pc dc) | | 8.33 | ±9.6 |
| 10711 | AAC | IEEE 802.11ax (40MHz, MCS4, 99pc oc) | WLAN | 8.29 | ± 9.6 |
| 10712 | AAC | (EEE 802.11ax (40MHz, MCS5, 99pc dc) | WLAN | 8,39 | ± 9.6 |
| 10713 | AAC | IEEE 802,11ax (40MHz, MCS6, 99cc dc) | WLAN | 8.67 | ± 9.6 |
| 10714 | AAC | (EEE 802,11ax (40MHz, MCS7, 99oc 0c) | WLAN | 8.33 | ± 9.63 |
| 10715 | AAC | IEEE 802,11ax (40MHz, MCS8, 99ec dc) | WLAN | 8.26 | ± 9.63 |
| 0716 | AAC | IEEE 802.11ax (40MHz, MCS9, 990c dc) | WLAN | 8,45 | ± 9.63 |
| 10717 | AAC | IEEE 802.11ax (40VHz, MCS10, 99pc dc) | WLAN | 8,30 | 19.6 |
| 10718 | AAG | IEEE 802.11ax (40MHz, MCS11, 99pc tic) | WLAN | 8.48 | ± 9.63 |
| 0719 | AAC | IEEE 800,11ax (80MHz, MCS0, 90pc dc) | WLAN | 8.24 | ±9.6 ° |
| 0720 | AAC | IEEE 802.11ax (80MHz, MCS1, 90pc dc) | WLAN | 8.81 | ±9.6 ° |
| - | AAC | IEEE 802.11ax (80MHz, MCS2, 90pc dc) | WLAN | 8.87 | ±9.69 |
| 0722 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.76 | ±9.63 |
| 0723 | AAC: | IEEE 602.11ax (80MHz, MCS3, 90pc 6c) | WLAN | 8.55 | ±9.6 9 |
| 0724 | AAC | JEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.70 | ±9.6 9 |
| 0725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.90 | ±9,6 5 |
| | AAC | TEEE 802.11ax (80MHz, MCS6, 90gc dc) | WLAN | 8.74 | ±9,6 % |
| | every. | THE WAS THEN TOWNERS, MINOR A SUDGED | WLAN | 8.72 | ± 9.6 % |
| 0725 | AAC | IEEE 802.11ax (80MHz, MCS8, 90pc dc) | WLAN | 8.66 | ±9,6 % |

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| 10729 | AAC | IEEE 802.11ax (80MHz. MCS10, 90pc do) | 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, MC30, 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 | 198 |
| 10734 | AAC. | (EEE 802.11ax (60MHz, MCS3, 99pc dc) | WLAN | 8.25 | 19.6 |
| 10735 | AAC | (EEE 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 | (EEE 802,11ax (80MHz, MCS9, 99pc dc) | WLAN | 8.48 | 4.9.6 |
| 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 802.11ex (160MHz, MCS0, 90pc do) | WLAN | 8.94 | ±9.61 |
| 10744 | AAC | IEEE 802.11ax (180MHz, MCS1, 90pc dc) | WLAN | 9.16 | ±9.6 |
| 10745 | AAC | IEEE 802.11ax (160MHz, MCS2, 90pc dc) | WLAN | 8.93 | 士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, MGS6, 90pc dc) | WLAN | 8.90 | ± 9,6 |
| 10750 | AAC | IEEE 802 11ax (160MHz, MCS7, 90pc dc) | WLAN | 8.79 | ±9,6 |
| 10751 | AAC | (EEE 802,11ax (160MHz, MCS8, 90pc dc) | WLAN | 8.82 | 4.9.6 |
| 10752 | AAC | IEEE 802.11ax (180MHz, MCS9, 90pc dc) | WLAN | 8.81 | ±9.61 |
| 10753 | AAC: | IEEE 802 11ax (160MHz, MCS10, 90pc dg) | WLAN | 9.00 | ±9.61 |
| 10754 | AAC | IEEE 802.11ax (160MHz, MCS11, 90pc dc) | WLAN | 8.94 | 295 |
| 10755 | AAC | IEEE 802.11ax (160MHz, MCS0, 99pc dc) | WLAN | 8.64 | ±96 |
| 10756 | AAC | IEEE 802 (18x (180MHz, MCS1, 99pc dc) | WLAN | 8.77 | ± 9.6 |
| 10757 | AAC | IEEE 802,11ax (160MHz, MCS2, 99pc.ds) | WLAN | 8.77 | ± 9.6 |
| 10758 | MAC | IEEE 802.11ax (160MHz, MCS3, 98pc dc) | WLAN | 8.69 | ± 9.6 |
| 10759 | AAC | IEEE 802.11ax (180MHz, 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 (180MHz; 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 602,11ax (160MHz, MCS8, 99pc dd) | WLAN | B.53 | ± 9.6 |
| 10764 | AAC | IEEE 802,11ax (160MHz, MCS9, 99pc dc) | WLAN | B.54 | ±9.6 |
| 10765 | AAC | IEEE 602,11ax (160MHz; MCS10, 99pc dc) | WLAN | B.54 | ± 9.6 |
| 10766 | AAC | IEEE 802.11ax (160MHz; MCS11, 99pc dg) | WLAN | 9.51 | ± 9.6 |
| 10767 | AAE | 5G NR (CP-OFDM, II RB. 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TOD | 7.99 | ± 9.6 9 |
| 10768 | AAD | 5G NR (CP-OFDM, 1 RB. 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TOD | 10,8 | ±9.6 |
| 10769 | AAD | 5G NR (CP-OFDM, † RB. 15 MHz; OPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ±9,6 |
| 10770 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | SG NR FR1 TDD | 8.02 | ± 9.6 ° |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | B 02 | ± 9.6 9 |
| 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% R8, 10 MHz, CPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9,6.5 |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, OPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9,6 |
| 10778 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 hHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, CPSK, 15 kHz) | 5G NR FR1 TDD | B.42 | ±9.67 |
| 10780 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, CPSK, 1.5 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 5 |
| 10781 | AAD | 5G NR (CP-OFDM, 60% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 5 |
| 10782 | AAD | 5G NR (CP-0FDM, 50% RB, 50 MHz, QPSK, 15 kHz) | SG NR FR1 TDD | 8.43 | ± 9,6 % |
| 10783 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, GPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | 19.63 |

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| 10785 | AAD | 5G NR (CP OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 6.40 | ±9.69 |
|-------|------|--|----------------|------|-----------|
| 10786 | AAD | 5G NR (CP-OFUM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 ° |
| 10787 | AAD | 5G NR (CP-OFDM, 100% R8, 25 MHz, OPSK, 15 kHz) | 5G NR FR1 TDD | B.44 | ±9.8 % |
| 10788 | AAD | 5G NR (CP-OFDM: 1001/4 RB, 30 MHz, OPSK, 15 kHz) | 5G NR FR1 TDD | 839 | ± 9.6 % |
| 10789 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, OPSK, 15 kHz) | 5G NR FR1 TDD | E.37 | ±9.61 |
| 10790 | AAD | 5G NR (CP-QFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TOD | B.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, CIPSK, 30 kHz) | 5G NR FR1 TDD | 7.95 | ± 9.6 |
| 10794 | AAD | 5G NR (CP-DEDM: 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.62 | ± 9.6 1 |
| 10795 | AAD | 5G NR (CP+0FDM: 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.84 | ± 9.61 |
| 10796 | AAD | 5G NR (CP-0FDM, 1 RB, 30 MHz; QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ±9.6 |
| 10797 | AAD | 5G NR (CP-DFDM, 1 RB, 46 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.61 |
| 10798 | AAD | 5G NR (CP-OFDM 1 RB, 58 MHz; QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 |
| 10799 | AAD | 5G NR (CP-OFDM 1 RB B0 MHz; OPSK 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 9 |
| 10801 | AAD | 5G NR (CP-OFDM 1 RB_80 MHz, CPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | £9.65 |
| 10802 | AAD | 5G NR (CP-OFDM: 1 RB, 90 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 7.87 | ±96% |
| 10803 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.5 |
| 10805 | AAD | 5G NR (CP-OFDM 50% RB, 10 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 ⁴ |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.37 | ±9.6 |
| 10809 | AAD | 5G NR (CP-OFDM: 50% RB: 30 MHz, OPSK: 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 |
| 10810 | AAD | 5G NR (CP-OFDM, 50% RB. 40 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 |
| 10812 | AAD | 5G NR (CP-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ±9.61 |
| 10817 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ±9.65 |
| 10818 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, GPSK, 30 kHz) | 5G NR FR1 TDD | 8.33 | ± 9,6 |
| 10820 | AAD | 5G NR (CP-CFDM, 100% RB, 2ft MHz, QPSK, 30 kHz) | 5G NR FR (TDD | 8.30 | ±9.65 |
| 10821 | AAD | 5G NR (CP+OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ±9.61 |
| 10822 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10823 | AAD | 9G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 8.36 | 1965 |
| 10824 | AAD | 5G NR (CP-OFDM, 1605% RB, 50 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 8.39 | 19,65 |
| 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 | 19.69 |
| 10828 | AAD | 5G NR (CP-OFDM, 100% RS, 90 MHz, OPSK, 30 kHz) | 5G NR FR1.TDD | 8.43 | 1 2 9 8 9 |
| 10829 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FRI TDD | 8.40 | 1 2 9 6 9 |
| 10830 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.63 | 29.69 |
| 10831 | CAA | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.73 | 1969 |
| 10832 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QP5K, 60 kHz) | 5G NR FR1 TDD | 7.74 | 1967 |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 80 KHz) | 5G NR FR1 TDD | 7.70 | ±9.69 |
| 10834 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 50 kHz) | 5G NR FR1 TDD | 7.75 | ±9.63 |
| 10835 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ±9.63 |
| 10836 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.66 | ± 9.6 V |
| 10837 | AAD | 5G NR (CP-QFDM, 1 RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.68 | ± 9.6 9 |
| 10839 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | 1967 |
| 10840 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, GPSK, 60 kHz) | 5G NR FR1 TOD | 7.67 | ±9.63 |
| 10841 | AAD | 5G NR (CP-DFDM, 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, CPSK, 60 kHz) | 5G NR FR1 TDD | 8.49 | ± 9.6 ° |
| 10844 | AAD. | 5G NR (CP-OFOM, 50% R5, 20 MHz, QPSK, 80 kHz) | | 8.34 | ± 9.6 % |
| 10546 | AAD | 5G NR (CP-DFDM, 50% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | B.41 | ± 9.6 % |
| 10854 | AAD | 5G NR (CP-DFDM_100% RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 7 |
| 10855 | AAD | 5G NR (CP-OFOM 100% RB 15 MHz, CIPSK, 60 KHz) | 5G NR FR1 TDD | 8.36 | ±9.69 |
| 10856 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 KHz) | 5G NR FR1 TDD | 8 37 | ±9.67 |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 50 kHz) | 5G NR FR1 TDD | 8.35 | ±9.69 |
| 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, 50 kHz) | 5G NR FR1 TDD | 8.34 | = 9.6 % |
| 10860 | AAD | 5G NR (SP-OFDM, 100% RB, 50 MHz, QPSK, 50 kHz) | SG NR FR1 TDD | 8.41 | = 9.6 % |

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Unless otherwise stated the results shown in this test report terier only to the sample(s) leader and such sample(s) leader and sample(s) leader and such sample(s) leader an Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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| | | | | | ery 26, 20 |
|--------|------|--|------------------|--------|--------------|
| 10861 | AAD | 5G NR (CP-0FDM, 100% RB, 60 MHz, QPSK, 60 kHz) | 5G NR FRI TOD | 9.40 | ± 9,6 |
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 |
| 10864 | MAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, OPSK, 60 kHz) | 5G NR FR1 TDD | 6.37 | ± 9.6 |
| 10866 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz) | 5G NR FRITDD | 8.41 | ± 9,6 |
| 10866 | AAD | 5G NR (DFT-s-DFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FRITDD | 5,68 | ± 9,6 |
| 10868 | AAD | 5G NR (DFT+s-QFDM, 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, QFSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | 196 |
| 10871 | AAD | 5G NR (DFT-s-GFDM, 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, 16 QAM, 120 kHz) | 5G NR FR2 TDD | 8.52 | 195 |
| 10873 | AAD | 5G NR (DFT-s-QFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | #9.6 |
| 10874 | AAD | 5G NR (DFT - OFDM, 100% RB, 100 MHz, 64 QAM, 120 kHz) | 5G NR FR2 TDD | 6,65 | ± 9.6 |
| 10875 | AAD | 5G NR (CP-DFDM, 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 | 6.39 | ± 9.6 |
| 10877 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 180AM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ± 9.6 |
| 10878 | AAD | 5G NR (CP-OFDM, 100% RB, 108 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 |
| 10879 | AAD | 5G NR (CF-OFDM_1 RB, 100 MHz, 640AM, 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 | B.3B | ± 9.6 |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 NHz) | 5G NR FR2 TOD | 5,75 | ±9.6 |
| 0882 | 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-8-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.53 | ±9.6 |
| 10885 | AAD | 5G NR (DFT-s-DFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TOD | 6.61 | ±9.6 |
| 0886 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 840AM, 120 kHz) | 5G NR FR2 TDD | 6,65 | ±9.6 |
| 0887 | AAD | 5G NR (QP-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz) | 56 NR FR2 TDD | 7.78 | 1.9.6 |
| 0888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz; QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | £9.6 |
| 0889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 18QAM, 120 kHz) | 5G NR FR2 TDD | 8.02 | ±9.6 |
| 0890 | AAD | 5G NR (CP-OFDM, 1001/4 RB, 50 MHz, 100AM, 120 KHz) | 5G NR FR2 TDD | 8.40 | € 9.6 |
| 0891 | AAD | 5G NR (CP-DFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.13 | 19.6 |
| 0892 | AAD | 5G NR (CP-DEDM, 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 |
| 1,0898 | AAB | 50 NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | 19.6 |
| 0899 | AAB | 5G NR (DFT-s-OFUM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ±9.6 |
| 0900 | AAB | 5G NR (DFT-s-OFDM, 1 RB. 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 0901 | AAH | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 0902 | 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 (DET-s-OFDM, 1 RB. 40 MHz, QPSK, 30 NHz) | 5G NR FR1 TOD | 5.68 | ±9.6 |
| 0904 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 3G NR FR1 TOD | 5.68 | ±9.6 |
| 0905 | AAB | 5G NR (DFT-s-OFDM: 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 0906 | AAB | 5G NR (DFT-s-DFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 |
| 0907 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz; QPSK, 30 kHz) | 5G NR FR1 TDD | 5.78 | ± 9.6 |
| 0908 | AAB | 3G NR (DFT-s-DFDM, 50% RB. 10 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 5.93 | ±9.6 |
| 0909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.96 | ±9,6 |
| 0910 | AAB | 5G NR (DFT-s-OFDM, 50% R5, 20 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 5.83 | ± 9,6 |
| 0911 | AAB | 5G NR (DFT-s: OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ±9.6 |
| 0912 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ±9.6 |
| 0913 | AAB | SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 KHz) | 5G NR FR1 TDD | 5.84 | ±96 |
| 0914 | AAB | 5G NR (DFT-s-0FDM, 50% RB, 50 MHz, QPSK, 10 KHz) | 5G NR FR1 TDD | 5.85 | ±9.6 |
| 0915 | AAB | 5G NR (DFT-s-0FDM, 50% RB, 60 MHz, QPSR, 30 kHz) | 5G NR FR1 TDD | 5.B3 | ±9.6 |
| 091B | AAB | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ±96 |
| 0917 | AAB | 5G NR (DFT-s-0FDM 50% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | z96 |
| 0918 | AAC | 5G NR (DFT-s-OFDM: 100% RB: 5 MHz: GPSK: 30 kHz) | 5G NR FR1 TDD | 5.86 | ±96 |
| 0919 | AAB | 5G NR (DFT-s-DFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NB FR† TDD | 5 86 | 196 |
| 0920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | = 9.6 |
| | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 WHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 |
| W | 3.04 | The same of the sa | Marian Life Jail | 10,000 | - March 1997 |

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)

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5G NR FR1 TDD



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|--------------------|------------------|
| | |

| 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->-OFDM, 100% RB, 50 MHz, QPSAC 30 kHz) | 5G NR FR1 TDD | 5.95 | ± 9.6 % |
| 10926 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 80 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 | ± 9.61 |
| 10928 | AAC | 5G NR (DFT-s-QFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5,52 | ± 9.6 5 |
| 10929 | AAC | 5G NR (DFT-s-QFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5,52 | ±9.8 ° |
| 10930 | AAC | 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 15 xHz) | 5G NR FR1 FDD | 5.52 | ±9.65 |
| 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 | ±96 |
| 10934 | AAC | 5G NR (DFT-s-GFDM, 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 | AAG | 5G NR (DFT-s-DFDM, 50% RB, 5 MHz, QP5K, 15 kHz) | 5G NR FR1 FDD | 5.90 | ±9.61 |
| 10937 | AAG | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 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-OFBM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.82 | ±9.65 |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.89 | ±9.65 |
| 10941 | AAC | SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | 196 |
| 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, 5D MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.95 | ±9.6 |
| 10944 | AAC | 5G NR (DET-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ±9.6 |
| 10945 | AAC | 5G NR (DFT-8-DFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ±96 |
| 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 | 296 |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100%, RB, 25 MHz; QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | = 9.6 |
| 10949 | AAG | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FRI 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-DFDM, 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, 84-QAM, 15 kHz) | 5G NR FR1 FDD | 8,25 | ± 9.6 |
| 10953 | AAA | 5G NR DL (CP-QFDM, TM 3.1, 10 MHz, 84-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 3 |
| 10955 | MA | 5G NR DL (CP-OFDM TM 3.1, 20 MHz, 84-QAM, 15 kHz) | 5G NR FR1 FDD | 8.42 | ±9.63 |
| 10956 | AAA | 5G NR DL (CP-0FDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.14 | 19.6 |
| 10957 | AAA | 5G NR DL (CP-DFDM, TM 3.1, 10 MHz, 64-QAM, 30 KHz) | 5G NR FR1 FDD | 8,31 | - |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84 GAM, 30 kHz) | 5G NR FR1 FDD | 8.61 | ±9.63 |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3:1, 20 MHz, 64-QAM, 30 kHz) | | - | - |
| 10960 | AAC | 5G NR DL (CP-OFDM, TM 3.1.5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.33 | ±9.8" |
| 10961 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz 84-QAM, 15 kHz) | 5G NR FR1 TDD | 9.32 | ±9.63 |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.36 | ±9.69 |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3-1, 20 MHz, 84-DAM, 15 NHz) | | 9.40 | ±8.65 |
| 10964 | AAC | 5G NR DL (QP-QFDM, TM 3 1 , 5 MHz, 84-QAM, 30 kHz) | 5G NR FR1 TDD | 9.55 | ±9.6 % |
| 10965 | AAB | 5G NR DL (CP OFDM, TM 3.1, 10 MHz, 84-QAM, 30 MHz) | 5G NR FR1 TDD | 9.29 | ±963 |
| 10966 | AAB | 5G NR DL (CP-OFDM: TM 3.1. 15 MHz; 64-DAM: 30 kHz) | 5G NR FR1 TDD | 9.37 | ±9,65 |
| 10967 | AAB | 5G NR DL (CP-OFDM: TM 3.1, 20 MHz; 64-GAM: 30 kHz) | 5G NR FR1 TDD | 9.55 | ±9.63 |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | SG NR FR1 TDD | 9.42 | ±9.83 |
| 10972 | AAB | 5G NR (CP-0FDM, 1 RB, 20 MHz, QPSK, 15 kHz) | SG NR FR1 TOD | 9.49 | ±9.63 |
| 10973 | AAB | | 5G NR FR1 TDD | 11.59 | ± 9.6 3 |
| 10974 | AAB | 5G NR (DFT-5-OFDM, 1 RB, 100 MHz- OPSK, 30 kHz) | 5G NR FR1 TDD | 9.06 | ± 9.6 9 |
| 10978 | AAA | 5G NR (CP-0FDM, 100% RB, 100 MHz, 256-0AM, 30 kHz) | SG NR FR1 TDD | 10.28 | ± 9,6 % |
| | AAA | ULLA BOR | ULLA | 2.23 | ±9.63 |
| 10979 | - | ULLA HDR4 | ULLA | 7.02 | ± 9,6 9 |
| 10981 | AAA | ULLA HDRS | ULLA | 8.82 | # 9.6.5 |
| 10981 | | ULLA HDRp4 | LICLA | 1.50 | ±96% |
| 0397 | AAA | ULLA HORps | DLLA | 1.44 | ±9.6 9 |

Uncertainty is determined using the max, deviation from linear respinse applying rectangular distribution and is expressed for the square of the

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- End of report -

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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