

# APPENDIX D: PROBE AND VERIFICATION SOURCE CALIBRATION CERTIFICATES

#### Calibration Laboratory of Schmid & Partner

**Engineering AG** Zeughausstrasse 43, 8004 Zurich, Switzerland





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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

Client

**PC Test** 

Certificate No: 5G-Veri30-1045 Dec21

# **CALIBRATION CERTIFICATE**

5G Verification Source 30 GHz - SN: 1045 Object

QA CAL-45.v3 Calibration procedure(s)

Calibration procedure for sources in air above 6 GHz

Calibration date:

December 07, 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
Reference Probe EUmmWV3	SN: 9374	2020-12-30 (No. EUmmWV3-9374_Dec20)	Dec-21
DAE4ip	SN: 1602	2021-06-25 (No. DAE4ip-1602_Jun21)	Jun-22

Secondary Standards	ID#	Check Date (in house)	Scheduled Check
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Calibrated by:

Name

Function

Signature

Leif Klysner

Laboratory Technician

Approved by:

Niels Kuster

**Quality Manager** 

Issued: December 13, 2021

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

Certificate No: 5G-Veri30-1045\_Dec21

Page 1 of 7

## 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

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#### Glossary

CW

Continuous wave

## Calibration is Performed According to the Following Standards

Internal procedure QA CAL-45-5Gsources

 IEC TR 63170 ED1, "Measurement procedure for the evaluation of power density related to human exposure to radio frequency fields from wireless communication devices operating between 6 GHz and 100 GHz", January 2018

# **Methods Applied and Interpretation of Parameters**

- Coordinate System: z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- Measurement Conditions: (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by farfield measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- Horn Positioning: The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUmmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- E- field distribution: E field is measured in two x-y-plane (10mm, 10mm + λ/4) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-fieldmaxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- Field polarization: Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

## **Calibrated Quantity**

 Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

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

# **Measurement Conditions**

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

DASY Version	cDASY6 Module mmWave	V2.4
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
XY Scan Resolution	dx, dy = 2.5 mm	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	30 GHz ± 10 MHz	

# Calibration Parameters, 30 GHz

**Circular Averaging** 

Distance Horn Aperture	Prad <sup>1</sup>	Max E-field	Uncertainty	Avg Powe	er Density	Uncertainty
to Measured Plane	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psi (W	PDtot+, psPDmod+) /m <sup>2</sup> )	<b>(</b> k = 2)
				1 cm <sup>2</sup>	4 cm <sup>2</sup>	
10 mm	30.2	128	1.27 dB	37.9	32.7	1.28 dB

**Square Averaging** 

Distance Horn Aperture	Prad <sup>1</sup>	Max E-field	Uncertainty	Avg Powe	r Density	Uncertainty
to Measured Plane	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psF		(k = 2)
				1 cm <sup>2</sup>	4 cm <sup>2</sup>	
10 mm	30.2	128	1.27 dB	37.8	32.6	1.28 dB

Certificate No: 5G-Veri30-1045\_Dec21

<sup>&</sup>lt;sup>1</sup> derived from far-field data

# Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

#### **Device under Test Properties**

Name, ManufacturerDimensions [mm]IMEIDUT Type5G Verification Source 30 GHz100.0 x 100.0 x 100.0SN: 1045

#### **Exposure Conditions**

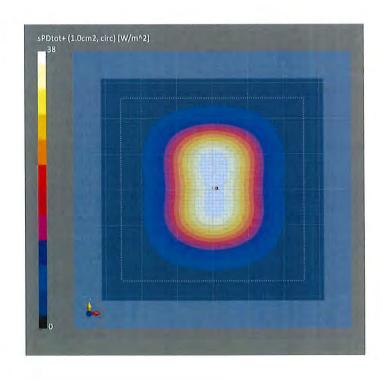
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	<b>Conversion Factor</b>
5G -	5.55 mm	Validation band	CW	30000.0, 30000	1.0

#### **Hardware Setup**

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	Air	EUmmWV3 - SN9374_F1-78GHz,	DAE4ip Sn1602,
		2020-12-30	2021-06-25

#### Coon Cotur

Scan Setup		ivieasurement Results	
The state of the s	5G Scan		5G Scan
Grid Extents [mm]	60.0 x 60.0	Date	2021-12-07, 22:04
Grid Steps [lambda]	0.25 x 0.25	Avg. Area [cm <sup>2</sup> ]	1.00
Sensor Surface [mm]	5.55	psPDn+ [W/m²]	37.6
MAIA	MAIA not used	psPDtot+ [W/m <sup>2</sup> ]	38.0
		psPDmod+ [W/m²]	38.0
		E <sub>max</sub> [V/m]	128
		Power Drift [dB]	-0.05



## Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

**Device under Test Properties** 

 Name, Manufacturer
 Dimensions [mm]
 IMEI
 DUT Type

 5G Verification Source 30 GHz
 100.0 x 100.0 x 100.0
 SN: 1045

**Exposure Conditions** 

Phantom Section Position, Test Distance [mm] Frequency [MHz], Channel Number

5G - 5.55 mm Validation band CW 30000.0, 30000

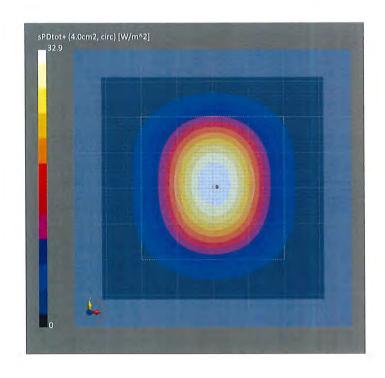
**Hardware Setup** 

PhantomMediumProbe, Calibration DateDAE, Calibration DatemmWave Phantom - 1002AirEUmmWV3 - SN9374\_F1-78GHz,<br/>2020-12-30DAE4ip Sn1602,<br/>2021-06-25

Scan Setup

5G Scan 5G Scan 2021-12-07, 22:04 Grid Extents [mm] 60.0 x 60.0 Date 0.25 x 0.25 4.00 Avg. Area [cm<sup>2</sup>] Grid Steps [lambda] psPDn+ [W/m<sup>2</sup>] 32.4 Sensor Surface [mm] psPDtot+ [W/m<sup>2</sup>] 32.9 MAIA MAIA not used psPDmod+ [W/m<sup>2</sup>] 32.9 E<sub>max</sub> [V/m] 128 Power Drift [dB] -0.05

**Measurement Results** 



## Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

**Device under Test Properties** 

Name, Manufacturer 5G Verification Source 30 GHz Dimensions [mm] 100.0 x 100.0 x 100.0 IMEI SN: 1045 **DUT Type** 

**Exposure Conditions** 

**Phantom Section** 

Position, Test Distance [mm]

Band

Group,

Frequency [MHz],

**Channel Number** 

30000.0,

**Conversion Factor** 

5G -

5.55 mm

Validation band

CW

60.0 x 60.0

0.25 x 0.25

MAIA not used

30000

1.0

**Hardware Setup** 

**Phantom** mmWave Phantom - 1002 Medium Air

**Probe, Calibration Date** 

EUmmWV3 - SN9374\_F1-78GHz,

2020-12-30

**DAE, Calibration Date** 

DAE4ip Sn1602, 2021-06-25

**Scan Setup** 

**Grid Extents [mm]** Grid Steps [lambda] Sensor Surface [mm]

MAIA

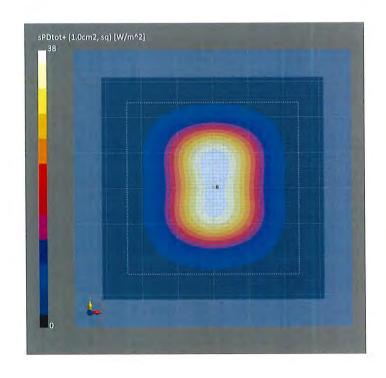
**Measurement Results** 5G Scan

> Date Avg. Area [cm²] psPDn+ [W/m<sup>2</sup>] psPDtot+ [W/m<sup>2</sup>] psPDmod+ [W/m<sup>2</sup>]

 $E_{\text{max}}\left[V/m\right]$ Power Drift [dB] 5G Scan

2021-12-07, 22:04 1.00 37.6 38.0 38.0

> 128 -0.05



#### Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

#### **Device under Test Properties**

Name, Manufacturer DUT Type Dimensions [mm] IMEI 5G Verification Source 30 GHz 100.0 x 100.0 x 100.0 SN: 1045

#### **Exposure Conditions**

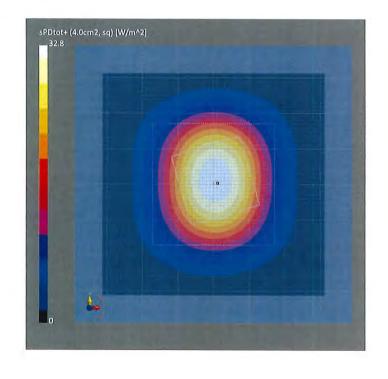
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW	30000.0, 30000	1.0

#### Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002	Air	EUmmWV3 - SN9374_F1-78GHz, 2020-12-30	DAE4ip Sn1602, 2021-06-25

#### **Scan Setup**

Scan Setup		Measurement Results	
	5G Scan		5G Scan
Grid Extents [mm]	60.0 x 60.0	Date	2021-12-07, 22:04
Grid Steps [lambda]	0.25 x 0.25	Avg. Area [cm <sup>2</sup> ]	4.00
Sensor Surface [mm]	5.55	psPDn+ [W/m <sup>2</sup> ]	32.3
MAIA	MAIA not used	psPDtot+ [W/m²]	32.8
		psPDmod+ [W/m²]	32.9
		E <sub>max</sub> [V/m]	128
		Power Drift [dB]	-0.05



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





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

Issued: February 22, 2022

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Client

Element

Certificate No: 5G-Veri30-1035\_Feb22

Accreditation No.: SCS 0108

Object	5G Verification	n Source 30 GHz - SN: 1035	
	04 041 45		MAB 3/8/22
Calibration procedure(s)	QA CAL-45.v3 Calibration pro	ocedure for sources in air above 6 GHz	3/01
Calibration date:	February 22,	2022	
This calibration cortificate docum	nonte the traceability to	national standards, which realize the physical units of	magguramente (SI)
	property of the second	ce probability are given on the following pages and are	
All calibrations have been condu	ucted in the closed labo	ratory facility: environment temperature (22 $\pm$ 3)°C an	d humidity < 70%.
Calibration Equipment used (M&	TE critical for calibration	on)	
Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Reference Probe EUmmWV3	SN: 9374	2021-12-21(No. EUmmWV3-9374_Dec21)	Dec-22
DAE4ip	SN: 1602	2021-06-25 (No. DAE4ip-1602_Jun21)	Jun-22
DAL4IP			
DALHIP			
	   ID #	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
	ID#	Check Date (in house)	Scheduled Check
Secondary Standards	Name	Function	Scheduled Check Signature
Secondary Standards	Name	Function	
Secondary Standards	Name	Function	

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Glossary

CW

Continuous wave

## Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45-5Gsources
- IEC TR 63170 ED1, "Measurement procedure for the evaluation of power density related to human exposure to radio frequency fields from wireless communication devices operating between 6 GHz and 100 GHz", January 2018

## **Methods Applied and Interpretation of Parameters**

- Coordinate System: z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- Measurement Conditions: (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by farfield measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- Horn Positioning: The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUmmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- *E- field distribution:* E field is measured in two x-y-plane (10mm, 10mm +  $\lambda$ /4) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-field-maxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- Field polarization: Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

## **Calibrated Quantity**

 Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

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

## **Measurement Conditions**

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

DASY Version	cDASY6 Module mmWave	V2.4
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
XY Scan Resolution	dx, dy = 2.5 mm	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	30 GHz ± 10 MHz	

# Calibration Parameters, 30 GHz

**Circular Averaging** 

0.1.0						
Distance Horn Aperture	Prad¹	Max E-field	Uncertainty	Avg Powe	er Density	Uncertainty
to Measured Plane	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+, psPDmod+)		(k = 2)
				(W.	/m²)	
				1 cm <sup>2</sup>	4 cm <sup>2</sup>	
10 mm	29.0	127	1.27 dB	37.0	32.4	1.28 dB

**Square Averaging** 

Distance Horn Aperture	Prad <sup>1</sup>	Max E-field	Uncertainty	Avg Power Density		Uncertainty
to Measured Plane	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psF	PDtot+, psPDmod+)	(k = 2)
				(W	/m²)	
				1 cm <sup>2</sup>	4 cm <sup>2</sup>	
10 mm	29.0	127	1.27 dB	37.0	32.2	1.28 dB

Certificate No: 5G-Veri30-1035\_Feb22

<sup>&</sup>lt;sup>1</sup> derived from far-field data

# Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

**Device under Test Properties** 

DUT Type Name, Manufacturer Dimensions [mm] IMEI 5G Verification Source 30 GHz 100.0 x 100.0 x 100.0 SN: 1035

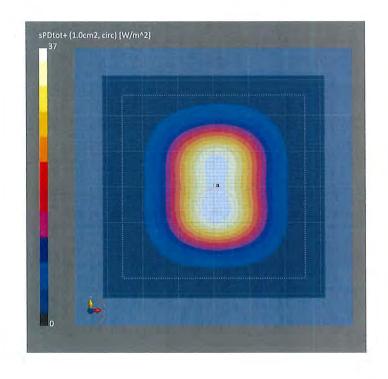
**Exposure Conditions** 

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW	30000.0,	1.0
				30000	

**Hardware Setup** 

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002 A	Air	EUmmWV3 - SN9374_F1-55GHz,	DAE4ip Sn1602,
		2021-12-21	2021-06-25

Scan Setup		Measurement Results	
	5G Scan		5G Scan
Grid Extents [mm]	60.0 x 60.0	Date	2022-02-22, 12:38
Grid Steps [lambda]	0.25 x 0.25	Avg. Area [cm <sup>2</sup> ]	1.00
Sensor Surface [mm]	5.55	psPDn+ [W/m <sup>2</sup> ]	36.8
MAIA	MAIA not used	psPDtot+ [W/m²]	37.0
		psPDmod+ [W/m²]	37.1
		E <sub>max</sub> [V/m]	127
		Power Drift [dB]	-0.04



#### Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

#### **Device under Test Properties**

Name, Manufacturer Dimensions [mm] IMEI **DUT Type** 5G Verification Source 30 GHz 100.0 x 100.0 x 100.0 SN: 1035

#### Evnosure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW	30000.0, 30000	1.0

#### **Hardware Setup**

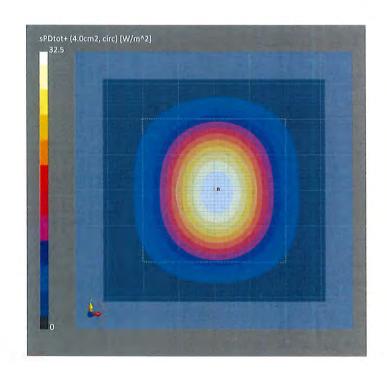
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom - 1002 Air	Air	EUmmWV3 - SN9374_F1-55GHz,	DAE4ip Sn1602,
		2021-12-21	2021-06-25

#### Scan Setup

Scan Setup		Measurement Results	
	5G Scan		5G Scan
Grid Extents [mm]	60.0 x 60.0	Date	2022-02-22, 12:38
Grid Steps [lambda]	0.25 x 0.25	Avg. Area [cm <sup>2</sup> ]	4.00
Sensor Surface [mm]	5.55	psPDn+ [W/m <sup>2</sup> ]	32.1
MAIA	MAIA not used	psPDtot+ [W/m <sup>2</sup> ]	32.5
		psPDmod+ [W/m²]	32.6
		Emax [V/m]	127

Power Drift [dB]

-0.04



## Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

#### **Device under Test Properties**

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
5G Verification Source 30 GHz	100.0 x 100.0 x 100.0	SN: 1035		

#### **Exposure Conditions**

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW	30000.0,	1.0

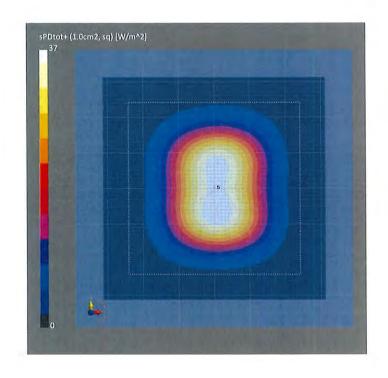
#### Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date	
mmWave Phantom - 1002 Air	EUmmWV3 - SN9374_F1-55GHz,	DAE4ip Sn1602,		
		2021-12-21	2021-06-25	

#### Scan Setup

	5G Scan		5G Scan
Grid Extents [mm]	60.0 x 60.0	Date	2022-02-22, 12:38
Grid Steps [lambda]	0.25 x 0.25	Avg. Area [cm <sup>2</sup> ]	1.00
Sensor Surface [mm]	5.55	psPDn+ [W/m²]	36.8
MAIA	MAIA not used	psPDtot+ [W/m <sup>2</sup> ]	37.0
		psPDmod+ [W/m²]	37.1
		E <sub>max</sub> [V/m]	127
		Power Drift [dB]	-0.04

**Measurement Results** 



# Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

#### **Device under Test Properties**

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
5G Verification Source 30 GHz	100.0 x 100.0 x 100.0	SN: 1035	-	

#### **Exposure Conditions**

Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	<b>Conversion Factor</b>
5G -	5.55 mm	Validation band	CW	30000.0, 30000	1.0

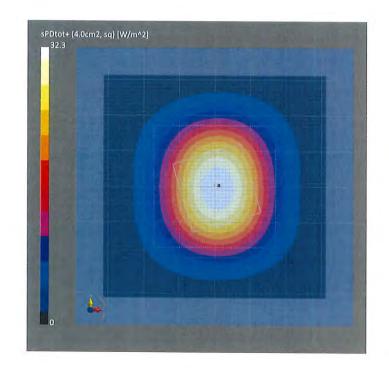
#### Hardware Setup

Phantom	Medium	<b>Probe, Calibration Date</b>	DAE, Calibration Date
mmWave Phantom - 1002	Air	EUmmWV3 - SN9374_F1-55GHz, 2021-12-21	DAE4ip Sn1602, 2021-06-25

#### **Scan Setup**

	5G Scan		5G Scan
Grid Extents [mm]	60.0 x 60.0	Date	2022-02-22, 12:38
Grid Steps [lambda]	0.25 x 0.25	Avg. Area [cm <sup>2</sup> ]	4.00
Sensor Surface [mm]	5.55	psPDn+ [W/m <sup>2</sup> ]	32.0
MAIA	MAIA not used	psPDtot+ [W/m²]	32.3
		psPDmod+ [W/m²]	32.4
		E <sub>max</sub> [V/m]	127
		Power Drift [dB]	-0.04

**Measurement Results** 



## Calibration Laboratory of Schmid & Partner **Engineering AG**

Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst S 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

Client

**PC Test** 

Certificate No: EUmmWV3-9407\_Dec21

# CALIBRATION CERTIFICATE

Object

EUmmWV3 - SN:9407

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:

December 13, 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. 217-03291/0292)	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	SN: CC2552 (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	23-Dec-20 (No. DAE4-789_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

Name Function Signature Calibrated by: Leif Klysner Laboratory Technician Approved by: Niels Kuster **Quality Manager** 

Issued: December 13, 2021

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## **Calibration Laboratory of**

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

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

CF crest factor (1/duty\_cycle) of the RF signal modulation dependent linearization parameters

Polarization  $\phi$   $\phi$  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 Sensor Angles sensor deviation from the probe axis, used to calculate the field orientation and polarization

k is the wave propagation direction

#### Calibration is Performed According to the Following Standards:

a) 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 ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn 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, R<sub>p</sub>, inductance L and capacitors C, C<sub>p</sub>).
- 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 Offset: 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 / horn setup.

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# DASY - Parameters of Probe: EUmmWV3 - SN:9407

**Basic Calibration Parameters** 

	Sensor X	Sensor Y	Unc (k=2)
Norm ( $\mu V/(V/m)^2$ )	0.02287	0.02736	± 10.1 %
DCP (mV)B	105.0	105.0	
Equivalent Sensor Angle	-59.0	30.8	

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

Frequency	Target E-Field	Frequency Response (750 Deviation Sensor X	Deviation Sensor Y	Unc (k=2)
GHz	V/m	dB	dB	dB
0.75	77.2	-0.04	0.35	± 0.43 dB
1.8	140.4	0.10	0.21	± 0.43 dB
2	133.0	0.06	0.14	± 0.43 dB
2.2	124.8	0.08	0.03	± 0.43 dB
2.5	123.0	-0.04	-0.14	± 0.43 dB
3.5	256.2	0.11	-0.26	± 0.43 dB
3.7	249.8	0.16	-0.26	± 0.43 dB
6.6	41.8	0.59	0.55	± 0.98 dB
8	48.4	0.09	-0.09	± 0.98 dB
10	54.4	-0.05	0.00	± 0.98 dB
15	71.5	0.10	-0.44	± 0.98 dB
18	85.3	-0.41	0.06	± 0.98 dB
26.6	96.9	-0.28	-0.10	± 0.98 dB
30	92.6	0.14	0.07	± 0.98 dB
35	93.7	-0.17	-0.03	± 0.98 dB
40	91.5	-0.29	-0.27	± 0.98 dB
50	19.6	-0.04	0.04	± 0.98 dB
55	22.4	0.71	0.49	± 0.98 dB
60	23.0	0.01	-0.05	± 0.98 dB
65	27.4	-0.47	-0.25	± 0.98 dB
70	23.9	-0.22	-0.35	± 0.98 dB
75	20.0	0.07	0.08	± 0.98 dB
75	14.8	-0.02	0.07	± 0.98 dB
80	22.5	0.33	0.32	± 0.98 dB
85	22.8	0.12	0.07	± 0.98 dB
90	23.8	-0.01	0.07	± 0.98 dB
92	23.9	0.12	-0.14	± 0.98 dB
95	20.5	-0.08	-0.25	± 0.98 dB
97	24.4	-0.09	-0.22	± 0.98 dB
100	22.6	0.08	-0.10	± 0.98 dB
105	22.7	-0.04	0.06	± 0.98 dB
110	19.7	0.08	0.29	± 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%.

<sup>&</sup>lt;sup>B</sup> Numerical linearization parameter: uncertainty not required.

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

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# DASY - Parameters of Probe: EUmmWV3 - SN:9407

**Calibration Results for Modulation Response** 

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	X	0.00	0.00	1.00	0.00	132.9	± 3.3 %	± 4.7 %
		Y	0.00	0.00	1.00		64.7		
10352-	Pulse Waveform (200Hz, 10%)	X	1.80	60.00	14.03	10.00	6.0	± 1.1 %	± 9.6 %
AAA		Y	1.44	60.00	15.21		6.0		
10353-	Pulse Waveform (200Hz, 20%)	X	1.24	60.00	12.86	6.99	12.0	± 0.9 %	± 9.6 %
AAA	,	Y	0.98	60.00	14.30		12.0		
10354-	Pulse Waveform (200Hz, 40%)	X	0.75	60.00	11.49	3.98	23.0	± 1.2 %	± 9.6 %
AAA		Y	0.61	60.00	13.21		23.0		
10355-	Pulse Waveform (200Hz, 60%)	X	0.46	60.00	10.64	2.22	27.0	± 1.1 %	± 9.6 %
AAA		Y	0.46	60.00	12.13		27.0		
10387-	QPSK Waveform, 1 MHz	X	1.04	60.00	11.21	1.00	22.0	± 1.7 %	± 9.6 %
AAA		Y	1.00	60.00	11.63		22.0		
10388-	QPSK Waveform, 10 MHz	Х	1.29	60.00	11.47	0.00	22.0	± 0.8 %	± 9.6 %
AAA		Y	1.33	60.00	11.95		22.0		
10396-	64-QAM Waveform, 100 kHz	X	1.88	60.00	13.40	3.01	17.0	± 1.4 %	± 9.6 %
AAA		Y	2.08	60.00	13.29		17.0		
10399-	64-QAM Waveform, 40 MHz	X	2.14	60.00	12.07	0.00	19.0	± 1.2 %	±9.6%
AAA		Y	2.10	60.00	12.53		19.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	3.23	60.00	12.55	0.00	12.0	± 0.8 %	± 9.6 %
AAA	,	Υ	3.06	60.00	12.96	1	12.0	]	

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	0.14	± 0.2 dB
0.9	100.0	-0.08	0.11	± 0.2 dB
0.9	500.0	0.02	0.01	± 0.2 dB
0.9	1000.0	0.04	0.04	± 0.2 dB
0.9	1500.0	0.03	0.02	± 0.2 dB
0.9	2000.0	0.02	0.02	± 0.2 dB

Sensor Frequency Model Parameters (750 MHz - 55 GHz)

	Sensor X	Sensor Y
$R(\Omega)$	80.80	79.18
$R_{p}(\Omega)$	89.29	90.74
L (nH)	0.11236	0.10524
C (pF)	0.3346	0.3433
С <sub>р</sub> (pF)	0.0712	0.0713

Sensor Frequency Model Parameters (55 GHz – 110 GHz)

	Sensor X	Sensor Y
R (Ω)	37.42	44.29
$R_{p}(\Omega)$	93.84	92.23
L (nH)	0.03160	0.02373
C (pF)	0.2099	0.5878
C <sub>ρ</sub> (pF)	0.1306	0.1358

# DASY - Parameters of Probe: EUmmWV3 - SN:9407

#### **Sensor Model Parameters**

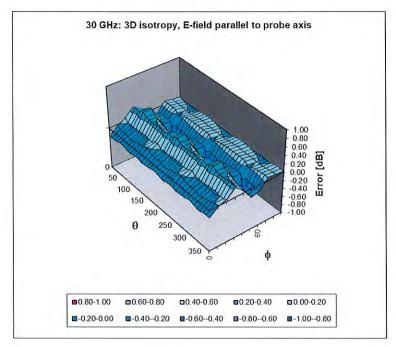
	C1 fF	C2 fF	α V <sup>-1</sup>	T1 ms.V <sup>-2</sup>	T2 ms.V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	Т6
X	34.8	254.95	34.00	0.92	3.34	5.01	0.00	0.89	1.01
Y	28.3	204.69	33.51	0.92	2.86	5.01	0.00	1.27	1.00

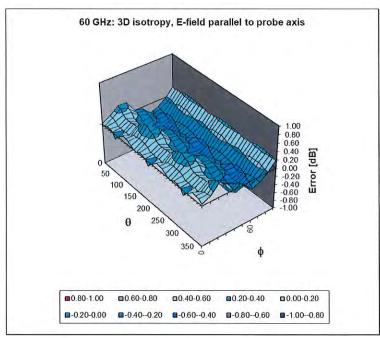
## **Other Probe Parameters**

Sensor Arrangement	Rectangular
Connector Angle (°)	201.2
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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# **Deviation from Isotropy in Air** f = 30, 60 GHz





Probe isotropy for E<sub>tot</sub>: probe rotated  $\phi$  = 0° to 360°, tilted from field propagation direction  $\vec{k}$  Parallel to the field propagation ( $\psi$  =0° - 90°) at 30 GHz: deviation within ± 0.36 dB Parallel to the field propagation ( $\psi$  =0° - 90°) at 60 GHz: deviation within ± 0.33 dB

Appendix: Modulation Calibration Parameters

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

10100	CAE	LTE EDD/SC EDMA 1009/ BB 30 MHz OBSKV	LITE EDD	5.67	± 9.6 %
10100 10101	CAE CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)  LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	5.67 6.42	± 9.6 %
10101		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10102	CAE CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD LTE-TDD	9.29	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100 % RB, 20 MHz, 16-QAM)		9.97	± 9.6 %
10104			LTE-TDD	10.01	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	5.80	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	+	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6%
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6%
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
	<del></del>	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD LTE-TDD	9.21	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	-	9.48	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD LTE-TDD	10.25	± 9.6 %
10174	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	CAG	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 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 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 %
10101	I OUF	ara i de Coo i dinin, i me, i o mina, on ony	1	1 0.70	1 = 0.0 /0

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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	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6%
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-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 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10257					± 9.6 %
10257 10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	1 E 0.0 /0
	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)  LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %

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10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100 % RB, 5 MHz, 16-QAM)	LTE-TDD	9.24	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100 % RB, 5 MHz, QPSK)	<del>1</del>		
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.23	±9.6%
		LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG		LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	±9.6%
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	IDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	4	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10387	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10366	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10396	AAA	64-QAM Waveform, 40 MHz			± 9.6 %
10399	<del>                                     </del>	***************************************	Generic	6.27	<del></del>
<b> </b>	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)  IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAE		WLAN	8.60	± 9.6 %
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	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, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	<u> </u>	10.00	± 9.6 %
		IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	Test WLAN	8.63	± 9.6 %
10456	AAC		~~~		+
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	<del></del>	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %

10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6%
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6%
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	±9.6%
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10512	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 %
10523	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 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10523	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10540	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 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	<del></del>	8.35	± 9.6 %
10340	LANC	TIELE GOZ. I TAC VVII I (GORNITZ, MICOZ, SAPC (IC)	WLAN	0.00	1 7 9.0 %

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)	+	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN 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 %
10509	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 46 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)		+	± 9.6 %
10571		IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572 10573	AAA		WLAN	1.99	± 9.6 %
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	+ +
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575 10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
	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		± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579 10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.36 8.76	± 9.6 %
<del></del>	AAA		WLAN		± 9.6 %
10581 10582		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
	AAA		WLAN	8.67	± 9.6 %
10583 10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc) IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN WLAN	8.59	± 9.6 %
10585	AAC		···	8.60	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc) IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN WLAN	8.70 8.49	± 9.6 %
	<del>                                     </del>				
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)  IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.76	
10589	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 46 Mbps, 90pc dc)	WLAN WLAN	8.35 8.67	± 9.6 % ± 9.6 %
10590	<b>-</b>	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 MiDps, 90pc dc)	WLAN	8.63	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)		8.79	± 9.6 %
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN WLAN	8.64	± 9.6 %
10593	-	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)		8.74	± 9.6 %
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN WLAN	8.74	± 9.6 %
10595 10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.71	± 9.6 %
<b></b>	AAC	IEEE 802.111 (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10597 10598	AAC	IEEE 802.111 (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.50	± 9.6 %
10598	AAC	IEEE 802.111 (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAC	IEEE 802.1111 (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.88	± 9.6 %
10600	AAC	IEEE 802.11fr (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.94	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	9.03	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS54, 90pc dc)	WLAN	8.76	± 9.6 %
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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%
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	₩
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)			± 9.6 % ± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.94	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.59	+
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN WLAN	8.82	± 9.6 % ± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.82	
10618	AAC	IEEE 802.11ac Will (40MHz, MCS1, 90pc dc)		8.81	±9.6%
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC		WLAN	8.87	± 9.6 %
10621		IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623 10624	AAC	1222 002.11d0 1111 (10th t2, WOO1, 00pd do)	WLAN	8.82	± 9.6 %
	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	±9.6%
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA_	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

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

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10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8,48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766		IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN		± 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 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	<del>!</del>	± 9.6 %
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)		8.31	
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10104	ראט	TO THE CO. OF DIM, TOURS TO, TO MILE, QUI DIN, TO KIEZ)	5G NR FR1 TDD	8.29	± 9.6 %

10705	A A D	FC ND (CD OFDM 4000) DD 45 MH- ODDI 45 HH-)	FO ND FD4 TDD	0.40	
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6%
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6%
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD 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 (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.39 8.41	± 9.6 % ± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
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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 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6%
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6%
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
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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-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6%
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	7.02	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6 %
10002	1,001	1 OCC ( IDIQU	TOLEY	1 1.44	1 + 3.0 /6

<sup>&</sup>lt;sup>E</sup> Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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





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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

Client

Element

Certificate No: EUmmWV4-9622 Feb22

## **CALIBRATION CERTIFICATE**

Multilateral Agreement for the recognition of calibration certificates

Object

EUmmWV4 - SN:9622

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:

February 24, 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. 217-03291/0292)	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	SN: CC2552 (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-21(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	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

Name

Function

Calibrated by:

Leif Klysner

Laboratory Technician

Approved by:

Niels Kuster

Quality Manager

Issued: February 25, 2022

Signature

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

## **Calibration Laboratory of**

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





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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

Glossary:

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

CF

crest factor (1/duty\_cycle) of the RF signal modulation dependent linearization parameters

A, B, C, D Polarization φ

φ rotation around probe axis

Polarization <sub>3</sub>

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

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

Connector Angle Sensor Angles information used in DASY system to align probe sensor X to the robot coordinate system

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:

a) 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 ϑ = 0 for XY sensors and ϑ = 90 for Z sensor (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn 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, R<sub>p</sub>, inductance L and capacitors C, C<sub>p</sub>).
- 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 Offset: 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 / horn setup.

**Basic Calibration Parameters** 

	Sensor X	Sensor Y	Unc (k=2)
Norm (μV/(V/m) <sup>2</sup> )	0.02034	0.02536	± 10.1 %
DCP (mV) <sup>B</sup>	108.0	105.0	
Equivalent Sensor Angle	-64.0	34.7	

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

Frequency	Target E-Field	requency Response (750  Deviation Sensor X		
GHz	V/m	dB	Deviation Sensor Y dB	Unc (k=2) dB
0.75	77.2	0.02		
1.8	140.4	0.08	0.07	± 0.43 dB
2	133.0	0.04	0.08	± 0.43 dB
2.2	124.8	0.04	0.07	± 0.43 dB
2.5	123.0	-0.03	0.06	± 0.43 dB
3.5	256.2	0.04	-0.05	± 0.43 dB
3.7	249.8		0.00	± 0.43 dB
0.7	249.0	0.09	0.03	± 0.43 dB
6.6	41.8	0.41		
8	48.4		0.63	± 0.98 dB
10	54.4	0.00	-0.09	± 0.98 dB
15		-0.05	-0.02	± 0.98 dB
18	71.5	0.11	-0.37	± 0.98 dB
10	85,3	0.10	0.32	± 0.98 dB
26.6	96.9	-0.11	0.00	0.00 170
30	92.6	0.03	-0.06	± 0.98 dB
35	93.7	-0.10	0.02	± 0.98 dB
40	91.5	0.01	0.09	± 0.98 dB
10	91.0	0.01	-0.14	± 0.98 dB
50	19.6	0.01	0.04	± 0.98 dB
55	22.4	0.00	-0.02	± 0.98 dB
60	23.0	-0.04	-0.02	± 0.98 dB
65	27.4	-0.48	-0.30	± 0.98 dB
70	23.9	-0.19	-0.30	± 0.98 dB
75	20.0	0.15	0.03	± 0.98 dB
<b></b>				
75	14.8	0.19	0.09	± 0.98 dB
80	22,5	0.23	0.19	± 0.98 dB
85	22.8	0.04	-0.05	± 0.98 dB
90	23.8	0.01	0.05	± 0.98 dB
92	23.9	0.11	-0.11	± 0.98 dB
95	20.5	-0.16	-0.17	± 0.98 dB
97	24.4	-0.26	-0.17	± 0.98 dB
100	22.6	0.06	-0.04	± 0.98 dB
105	22.7	0.04	0.06	± 0.98 dB
110	19.7	0.17	0.17	± 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%.

<sup>&</sup>lt;sup>8</sup> Numerical linearization parameter: uncertainty not required.

<sup>&</sup>lt;sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

**Calibration Results for Modulation Response** 

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup>
0	CW	X	0.00	0.00	1.00	0.00	134.8	± 3.0 %	(k=2) ± 4.7 %
		Y	0.00	0.00	1.00		72.0		
10352-	Pulse Waveform (200Hz, 10%)	Х	3.89	60.00	14.61	10.00	6.0	± 1.4 %	± 9.6 %
AAA	<u> </u>	Y	3.72	60.00	15.29		6,0		
10353-	Pulse Waveform (200Hz, 20%)	Х	2.75	60.00	13.31	6.99	12.0	± 1.3 %	± 9.6 %
AAA		Υ	2.56	60.00	14.21		12.0		
10354-	Pulse Waveform (200Hz, 40%)	Х	1.65	60.00	11.92	3.98	23.0	± 2.1 %	± 9.6 %
AAA		Υ	1.54	60.00	12.96		23.0		
10355-	Pulse Waveform (200Hz, 60%)	Х	0.96	60.00	11.14	2.22	27.0	± 1.2 %	± 9.6 %
AAA		Υ	1.01	60.00	11.93		27.0		
10387-	QPSK Waveform, 1 MHz	X	1.23	60.00	12.07	1.00	22.0	± 1.4 %	± 9.6 %
AAA		Υ	1.40	60.00	11.88		22.0		
10388-	QPSK Waveform, 10 MHz	Х	1.28	60.00	11.78	0.00	22.0	± 0.8 %	± 9.6 %
AAA		Υ	1.55	60.00	11.49		22.0		
10396-	64-QAM Waveform, 100 kHz	Х	3.22	64.71	15.58	3.01	17.0	± 0.7 %	±9.6%
AAA		Υ	5.61	70.77	17.88		17.0		
10399-	64-QAM Waveform, 40 MHz	Х	2.09	60.00	12.32	0.00	19.0	± 1.5 %	±9.6%
AAA		Υ	2.33	60.00	12.14		19.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	3.27	60.00	12.76	0.00	12.0	± 0.8 %	± 9.6 %
AAA		Y	3.53	60.00	12.62		12.0		

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	-0.05	0.05	± 0.2 dB
0.9	100.0	-0.05	0.01	± 0.2 dB
0.9	500.0	0.04	0.01	± 0.2 dB
0.9	1000.0	0.06	0.04	± 0.2 dB
0.9	1500.0	0.03	0.05	± 0.2 dB
0.9	2000.0	0.00	0.02	± 0.2 dB

Sensor Frequency Model Parameters (750 MHz - 55 GHz)

	Sensor X	Sensor Y
R (Ω)	73.84	75.96
R <sub>p</sub> (Ω)	95.48	93.58
L (nH)	0.11430	0.10407
C (pF)	0,2333	0.2746
C <sub>p</sub> (pF)	0.0675	0.0693

Sensor Frequency Model Parameters (55 GHz - 110 GHz)

-	Sensor X	Sensor Y
R (Ω)	34.85	35.06
$R_{p}(\Omega)$	95.08	94.96
L (nH)	0.03083	0.03370
C (pF)	0.2350	0.2084
C <sub>p</sub> (pF)	0.1374	0.1320

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## DASY - Parameters of Probe: EUmmWV4 - SN:9622

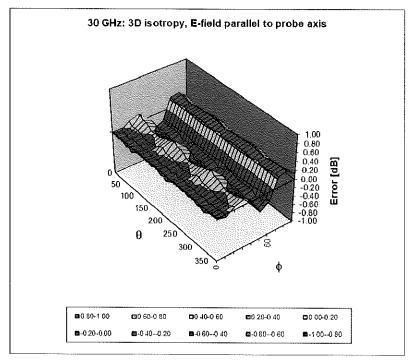
#### **Sensor Model Parameters**

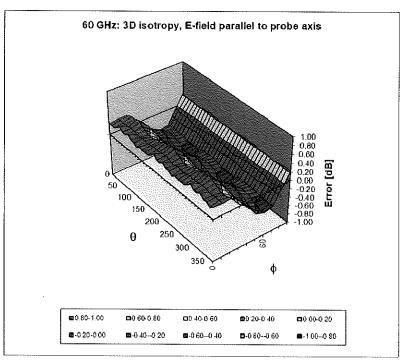
	C1 fF	C2 fF	α V-1	T1 ms.V <sup>-2</sup>	T2 ms.V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	Т6
X	58.5	424.94	33.66	0.92	11.49	4.95	0.00	1.88	1,01
Υ	56.1	405.26	33.43	0.92	11.21	5.01	2.00	2.00	1.01

#### **Other Probe Parameters**

Sensor Arrangement	Rectangular
Connector Angle (°)	66.3
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

# Deviation from Isotropy in Air f = 30, 60 GHz





Probe isotropy for E<sub>tot</sub>: probe rotated  $\phi=0^\circ$  to 360°, tilted from field propagation direction  $\overline{k}$  Parallel to the field propagation ( $\psi=0^\circ$  - 90°) at 30 GHz: deviation within  $\pm$  0.32 dB Parallel to the field propagation ( $\psi=0^\circ$  - 90°) at 60 GHz: deviation within  $\pm$  0.44 dB

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**Appendix: Modulation Calibration Parameters** 

UID	Rev	Odulation Calibration Parameters  Communication System Name	Group	PAR	Unc <sup>E</sup>
0	-	CW	CW	(dB) 0.00	(k=2) ± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7,74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	<del></del>	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6%
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %

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10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6%
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	ÇAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	ÇAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6%
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6%
10119	ÇAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6%
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6%
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10152	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)			± 9.6 %
	CAG		LTE-FDD	6.49	
10158		LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6%
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6%
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	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 %

10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6%
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6%
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6%
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6%
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6%
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-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 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6%
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6%
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	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%

10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6%
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6%
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6%
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6%
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6%
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6%
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3,91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000		± 9.6 %
10292	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.39	± 9.6 %
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.		<del></del>	± 9.6 %
10295	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	CDMA2000	12.49	<del> </del>
			LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6%
10305	AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	±9.6%
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	±9.6%
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	±9.6%
10308	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	±9.6%
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6%
10313		iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	iDEN 1:6	iDEN	13.48	±9.6%
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6%
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6%
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	±9.6%
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6%
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	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, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	±9.6%
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	±9.6%
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6%
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6%
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6%
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6%
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN		
10457	AAA	UMTS-FDD (DC-HSDPA)	-	8.63	±9.6%
		· · · · · · · · · · · · · · · · · · ·	WCDMA	6.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	·	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
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10490	۸۸۳	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10489 10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6%
10490	AAF AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10490	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-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	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10502	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)			<b>!</b>
10505	AAF		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 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
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10947   AAC				1		
10950	10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10551   AAC   IEEE 802.11ac WIFI (60MHz, MCS7, 99pc dc)   WLAN   8.45   ± 9.6 %   10553   AAC   IEEE 802.11ac WIFI (80MHz, MCS8, 99pc dc)   WLAN   8.45   ± 9.6 %   10554   AAD   IEEE 802.11ac WIFI (80MHz, MCS9, 99pc dc)   WLAN   8.45   ± 9.6 %   10555   AAD   IEEE 802.11ac WIFI (80MHz, MCS9, 99pc dc)   WLAN   8.47   ± 9.6 %   10556   AAD   IEEE 802.11ac WIFI (80MHz, MCS9, 99pc dc)   WLAN   8.47   ± 9.6 %   10556   AAD   IEEE 802.11ac WIFI (160MHz, MCS2, 99pc dc)   WLAN   8.50   ± 9.6 %   10556   AAD   IEEE 802.11ac WIFI (160MHz, MCS2, 99pc dc)   WLAN   8.50   ± 9.6 %   10557   AAD   IEEE 802.11ac WIFI (160MHz, MCS2, 99pc dc)   WLAN   8.51   ± 9.6 %   10556   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)   WLAN   8.61   ± 9.6 %   10560   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)   WLAN   8.61   ± 9.6 %   10560   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)   WLAN   8.61   ± 9.6 %   10562   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)   WLAN   8.69   ± 9.6 %   10562   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)   WLAN   8.69   ± 9.6 %   10566   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 99pc dc)   WLAN   8.25   ± 9.6 %   10566   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 99pc dc)   WLAN   8.25   ± 9.6 %   10566   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 99pc dc)   WLAN   8.25   ± 9.6 %   10566   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 99pc dc)   WLAN   8.25   ± 9.6 %   10566   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 99pc dc)   WLAN   8.45   ± 9.6 %   10566   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 99pc dc)   WLAN   8.45   ± 9.6 %   10566   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 90pc dc)   WLAN   8.13   ± 9.6 %   10567   AAA   IEEE 802.11g WIFI 24 GHz (DSS-OFDM, 9 Mbps, 90pc dc)   WLAN   8.10   ± 9.6 %   10567   AAA   IEEE 802.11g WIFI 24 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)   WLAN   8.10   ± 9.6 %   10567   AAA   IEEE 802.11g WIFI 24 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10567   AAA   IEEE 802.11g WIFI 24 GHz						i
10552   AAC						
10553   AAC	10551			1	1	<del>                                     </del>
10555   AAD	10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN		
10555   AAD	10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10556   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.52   ± 9.6 %   10557   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.52   ± 9.6 %   10568   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.73   ± 9.6 %   10569   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.73   ± 9.6 %   10562   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.65   ± 9.6 %   10562   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.66   ± 9.6 %   10562   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.77   ± 9.6 %   10563   AAD   IEEE 802.11ac WiFI (160MHz, MCSS, 99pc dc)   WILAN   8.72   ± 9.6 %   10565   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)   WILAN   8.25   ± 8.6 %   10566   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)   WILAN   8.45   ± 9.6 %   10567   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)   WILAN   8.45   ± 9.6 %   10567   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)   WILAN   8.00   ± 9.6 %   10567   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)   WILAN   8.01   ± 9.6 %   10569   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)   WILAN   8.37   ± 9.6 %   10570   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 99pc dc)   WILAN   8.30   ± 9.6 %   10573   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 99pc dc)   WILAN   8.30   ± 9.6 %   10573   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 99pc dc)   WILAN   8.30   ± 9.6 %   10573   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc dc)   WILAN   8.30   ± 9.6 %   10573   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc dc)   WILAN   8.30   ± 9.6 %   10575   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc dc)   WILAN   8.30   ± 9.6 %   10575   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc dc)   WILAN   8.96 %   10575   AAA   IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 56 Mbps, 90pc dc)   WILAN   8.70   ± 9.6 %   10585   AAC   IEEE 802.	10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10557   AAD	10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10568   AAD	10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10560   AAD   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,56   29.6 %   10562   AAD   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,66   29.6 %   10563   AAD   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,69   29.6 %   10563   AAD   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,77   29.6 %   10564   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,77   29.6 %   10565   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,45   29.8 %   10566   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,45   29.8 %   10566   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,45   29.8 %   10566   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WILAN   8,43   29.6 %   10568   AAA   IEEE 802.11ac WIFI (24 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)   WILAN   8,13   29.6 %   10568   AAA   IEEE 802.11ac WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)   WILAN   8,37   29.6 %   10567   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)   WILAN   8,37   29.6 %   10577   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)   WILAN   8,30   29.6 %   10573   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS, 2Mbps, 90pc dc)   WILAN   1.99   29.6 %   10573   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS, 2Mbps, 90pc dc)   WILAN   1.99   29.6 %   10573   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)   WILAN   1.99   29.6 %   10575   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)   WILAN   1.99   29.6 %   10576   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)   WILAN   1.99   29.6 %   10576   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 64 Mbps, 90pc dc)   WILAN   1.99   29.6 %   10576   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 64 Mbps, 90pc dc)   WILAN   1.99   29.6 %   10576   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WILAN   1.96   8.6 %   10576   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WILAN   8.60   29.6 %   10576   AAA   IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WI	10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10561   AAD	10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10562   AAD	10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10563   AAD	10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10564   AAA	10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10565   AAA	10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10566	10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 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   8.10   ± 9.6 %   10570   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)   WLAN   8.10   ± 9.6 %   10571   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)   WLAN   8.30   ± 9.6 %   10571   AAA   IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)   WLAN   1.99   ± 9.6 %   10573   AAA   IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)   WLAN   1.99   ± 9.6 %   10573   AAA   IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)   WLAN   1.99   ± 9.6 %   10573   AAA   IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)   WLAN   1.98   ± 9.6 %   10574   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)   WLAN   1.98   ± 9.6 %   10575   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)   WLAN   8.59   ± 9.6 %   10576   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10577   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10578   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10578   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10580   AAC   IEEE 802.11g WiFi 2.6 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10580   AAC   IEEE 802.11g WiFi 2.6 GHz (OFDM, 18 Mbps, 90pc	10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	±9.6 %
10568   AAA	10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10569	10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10570	10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10571   AAA	10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc) WLAN 1.99 ± 9.6 % 10573 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) WLAN 1.98 ± 9.6 % 10574 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc) WLAN 1.98 ± 9.6 % 10575 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) WLAN 8.59 ± 9.6 % 10576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) WLAN 8.60 ± 9.6 % 10577 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) WLAN 8.60 ± 9.6 % 10577 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10578 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10579 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) WLAN 8.36 ± 9.6 % 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) WLAN 8.36 ± 9.6 % 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10581 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) WLAN 8.67 ± 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 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) WLAN 8.67 ± 9.6 % 10584 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.59 ± 9.6 % 10584 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc) WLAN 8.60 ± 9.6 % 10585 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.60 ± 9.6 % 10586 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10589 AAC IEEE 802.11n (HT Mi	10570	AAA	1EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	±9.6%
10573 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) WLAN 1.98 ± 9.6 % 10574 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc) WLAN 1.98 ± 9.6 % 10575 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) WLAN 8.59 ± 9.6 % 10576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) WLAN 8.60 ± 9.6 % 10577 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10578 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10579 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) WLAN 8.36 ± 9.6 % 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10581 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10581 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10582 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) WLAN 8.67 ± 9.6 % 10582 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) WLAN 8.67 ± 9.6 % 10583 AAC IEEE 802.11g WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc) WLAN 8.67 ± 9.6 % 10584 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) WLAN 8.60 ± 9.6 % 10585 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.60 ± 9.6 % 10586 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.70 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10589 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10599 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10599 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10599 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) WLAN 8.76 ± 9.6 % 10599 AAC IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) WLAN 8.79 ± 9.6 % 10599 AAC IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) WLAN 8.79 ± 9.6 % 10599 AAC IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) WLAN 8.79 ± 9.6 % 10599 AAC IEEE 802.11n (HT Mixed, 20MHz,	10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10574   AAA   IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)   WLAN   1.98   ± 9.6 %   10575   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)   WLAN   8.59   ± 9.6 %   10576   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10577   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10578   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)   WLAN   8.49   ± 9.6 %   10579   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10579   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10581   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)   WLAN   8.35   ± 9.6 %   10582   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10583   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10584   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10586   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10587   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10588   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10589   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10589   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10589   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10599   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10599   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10599   AAC   IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)   WLAN   8.64   ± 9.6 %   10599   AAC   IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)   WLAN   8.74   ± 9.6 %   10599   AA	10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10575   AAA	10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10576   AAA	10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	±9.6 %
10577   AAA	10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6%
10578	10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10579	10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10580   AAA	10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10581   AAA	10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10582   AAA	10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10583   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)   WLAN   8.59   ± 9.6 %   10584   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10585   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10586   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.49   ± 9.6 %   10587   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10588   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10589   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)   WLAN   8.35   ± 9.6 %   10589   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10590   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10591   AAC   IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)   WLAN   8.63   ± 9.6 %   10592   AAC   IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)   WLAN   8.63   ± 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, MCS3, 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 %   10599   AAC   IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)   WLAN   8.72   ± 9.6 %   10599   AAC   IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)   WLAN   8.79   ± 9.6 %   10599   AAC   IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)   WLAN   8.79   ± 9.6 %   10600   AAC   IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)   WLAN   8.88   ± 9.6 %   10600   AAC   IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)   WLAN   8.89   ± 9.6 %   10600   AAC   IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)   WLAN   8.94   ± 9.6 %   10600   AAC   IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)   WLAN   8.94   ± 9.6 %   10600   AAC   IEEE 802.	10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10584   AAC	10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10585         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10587         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10589         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10590         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAC         IEEE 802.11a (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAC         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAC         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAC         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %           10595         AAC <td< td=""><td>10583</td><td>AAC</td><td>IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)</td><td>WLAN</td><td>8.59</td><td>± 9.6 %</td></td<>	10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10586   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.49	10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10587   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)   WLAN   8.36	10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10588	10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10589   AAC   IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)   WLAN   8.35	10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10590       AAC       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %         10595       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)       WLAN       8.74       ± 9.6 %         10596       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)       WLAN       8.71       ± 9.6 %         10597       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)       WLAN       8.72       ± 9.6 %         10598       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)       WLAN       8.50       ± 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       8.94       ± 9.6 %         <	10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10591       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %         10595       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)       WLAN       8.74       ± 9.6 %         10596       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)       WLAN       8.71       ± 9.6 %         10597       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)       WLAN       8.72       ± 9.6 %         10598       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)       WLAN       8.50       ± 9.6 %         10599       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)       WLAN       8.79       ± 9.6 %         10600       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)       WLAN       8.88       ± 9.6 %         10602       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)       WLAN       8.94       ± 9.6 %         10	10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10592       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %         10595       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)       WLAN       8.71       ± 9.6 %         10596       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)       WLAN       8.72       ± 9.6 %         10597       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)       WLAN       8.50       ± 9.6 %         10598       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)       WLAN       8.79       ± 9.6 %         10599       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10600       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)       WLAN       8.88       ± 9.6 %         10601       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 %	10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10593       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %         10595       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)       WLAN       8.74       ± 9.6 %         10596       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)       WLAN       8.71       ± 9.6 %         10597       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)       WLAN       8.72       ± 9.6 %         10598       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)       WLAN       8.50       ± 9.6 %         10599       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)       WLAN       8.79       ± 9.6 %         10600       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)       WLAN       8.88       ± 9.6 %         10601       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)       WLAN       8.82       ± 9.6 %         10603       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)       WLAN       9.03       ± 9.6 %	10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10594       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %         10595       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)       WLAN       8.74       ± 9.6 %         10596       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)       WLAN       8.71       ± 9.6 %         10597       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)       WLAN       8.72       ± 9.6 %         10598       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)       WLAN       8.50       ± 9.6 %         10599       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)       WLAN       8.79       ± 9.6 %         10600       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)       WLAN       8.88       ± 9.6 %         10601       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)       WLAN       8.94       ± 9.6 %         10602       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)       WLAN       8.94       ± 9.6 %         10603       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)       WLAN       9.03       ± 9.6 %	10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10595       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)       WLAN       8.74       ± 9.6 %         10596       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)       WLAN       8.71       ± 9.6 %         10597       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)       WLAN       8.72       ± 9.6 %         10598       AAC       IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)       WLAN       8.50       ± 9.6 %         10599       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)       WLAN       8.79       ± 9.6 %         10600       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)       WLAN       8.88       ± 9.6 %         10601       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)       WLAN       8.82       ± 9.6 %         10602       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)       WLAN       8.94       ± 9.6 %         10603       AAC       IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)       WLAN       9.03       ± 9.6 %	10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 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 %	10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 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 %	10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 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 %	10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 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 %	10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 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 %	10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 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 %	10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 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 %	10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10603 AAC IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc) WLAN 9.03 ± 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 %
10604 AAC   IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)   WLAN   8.76   ± 9.6 %	10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
	10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %

10005	A A C	IEEE 902 11n (UT Mixed 40MUz MCCC 00no do)	1A/L A NI	T 0 07	± 9.6 %
10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	<del></del>
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6%
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6%
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	1EEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6%
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	±9.6%
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6%
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6%
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6%
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6%
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WIFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10671	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
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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, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	±9.6%
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	±9.6%
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6%
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	±9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)		<del> </del>	
10707	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.32	± 9.6 %
	AAC		WLAN	8.55	± 9.6 %
10709 10710	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc) IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.33	± 9.6 %
			WLAN	8.29	± 9.6 %
10711 10712	AAC AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc) IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.67	±9.6%
10713	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.33	± 9.6 %
	<del> </del>		WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc) IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC		WLAN	8.30	± 9.6 %
10717 10718	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc) IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.48	± 9.6 %
<del>                                     </del>	AAC		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 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	±9.6%
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %

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10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	±9.6%
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	±9.6%
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	±9.6%
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	±9.6%
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	8.81	± 9.6 %
10753 10754	AAC AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)  IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	9.00	±9.6%
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.94	±9.6%
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN WLAN	8.64 8.77	±9.6% ±9.6%
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6%
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6%
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6%
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6%
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6%
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6%
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6%
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6%
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

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10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6%
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6%
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6%
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6%
10819	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 % ± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.30 8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6%
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6%
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6%
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6%
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %

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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%
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6%
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6%
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6%
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6%
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6%
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6%
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6%
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6%
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6%
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	<b></b>	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6%
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6%
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

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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-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6%
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6 %
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6%
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6%
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6%
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	7.02	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6 %
				•	

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

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





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Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Client

Elemeni

Certificate No: EUmmWV4-9541\_May22

## CALIBRATION CERTIFICATE

Object

EUmmWV4 - SN:9541

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:

May 19, 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  $\pm$  3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power sensor NRP110T	SN: 101244	14-Mar-22 (No. 20A1037915)	Mar-23
R&S FSV40 Spectrum Analyzer	SN: 101832	25-Jan-22 (No. 4030-315003399)	Jan-25
Reference Probe EUmmWV3	SN: 9374	21-Dec-21 (No. EUmmWV3-9374_Dec21)	Dec-22
DAE4	SN: 789	24-Dec-21 (No. DAE4-789_Dec21)	Dec-22
Secondary Standards	: ID	Check Date (in house)	Scheduled Check
Generator, Anapico, APSIN26G	SN: 669	28-Mar-17 (in house check May-22)	In house check: May-23
Generator, Agilent, E8251A	SN: US41140111	28-Mar-17 (in house check May-22)	In house check: May-23

Name

Function

Calibrated by:

Leif Klysner

Laboratory Technician

Approved by:

Sven Kühn

Technical Manager

Issued: May 19, 2022

Signature

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

Certificate No: EUmmWV4-9541\_May22

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#### Calibration Laboratory of

Schmid & Partner
Engineering AG
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Glossary:

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

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

Polarization  $\varphi$   $\varphi$  rotation around probe axis

Polarization  $\vartheta$   $\vartheta$  rotation around an axis that is in the plane normal to probe axis (at measurement center),

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

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

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:

a) 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  $\vartheta = 0$  for XY sensors and  $\vartheta = 90$  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 horn 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, R<sub>p</sub>, inductance L and capacitors C, C<sub>p</sub>).
- 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 Offset: 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 / horn setup.

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**Basic Calibration Parameters** 

	Sensor X	Sensor Y	Unc (k=2)
Norm (μV/(V/m)²)	0.01841	0.01982	± 10.1 %
DCP (mV) <sup>B</sup>	106.0	106.0	
Equivalent Sensor Angle	-60.9	36.3	

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

Frequency	Target E-Field	Deviation Sensor X	Deviation Sensor Y	Unc (k=2)
GHz	V/m	dB	dB	dB
0.75	77.2	-0.15	-0.01	± 0.43 dB
1.8	140.4	0.07	0.08	± 0.43 dB
2	133.0	0.02	0.05	± 0.43 dB
2.2	124.8	0.07	0.09	± 0.43 dB
2.5	123.0	-0.04	-0.04	± 0.43 dB
3.5	256.2	0.13	-0.01	± 0.43 dB
3.7	249.8	0.07	-0.09	± 0.43 dB
6.6	41.8	0.66	0.79	± 0.98 dB
8	48.4	0.09	0.05	± 0.98 dB
10	54.4	0.20	0.22	± 0.98 dB
_15	71.5	0.07	-0.28	± 0.98 dB
18	85.3	0.34	0.47	± 0.98 dB
26.6	96.9	-0.28	-0.08	± 0.98 dB
30	92.6	0.04	0.04	± 0.98 dB
35	93.7	-0.12	-0.10	± 0.98 dB
40	91.5	-0.33	-0.34	± 0.98 dB
50	19.6	0.25	0.10	± 0.98 dB
55	22.4	-0.09	-0.01	± 0.98 dB
60	23.0	0.18	0.16	± 0.98 dB
65	27.4	-0.44	-0.21	± 0.98 dB
70	23.9	-0.12	-0.26	± 0.98 dB
75	20.0	0.23	0.15	± 0.98 dB
75	14.8	0.26	0.19	± 0.98 dB
80	22.5	0.15	0.19	± 0.98 dB
85	22.8	-0.05	-0.03	± 0.98 dB
90	23.8	0.04	0.07	± 0.98 dB
92	23.9	0.01	-0.19	± 0.98 dB
95	20.5	-0.33	-0.26	± 0.98 dB
97	24.4	-0.26	-0.26	± 0.98 dB
100	22.6	0.15	-0.07	± 0.98 dB
105	22.7	0.15	0.15	± 0.98 dB
110	19.7	0.08	0.24	± 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%.

<sup>&</sup>lt;sup>B</sup> Numerical linearization parameter: uncertainty not required.

<sup>&</sup>lt;sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

**Calibration Results for Modulation Response** 

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	Х	0.00	0.00	1.00	0.00	127.1	± 2.7 %	± 4.7 %
		Υ	0.00	0.00	1.00		67.6	]	-
10352-	Pulse Waveform (200Hz, 10%)	X	3.10	60.00	14.27	10.00	6.0	± 1.5 %	± 9.6 %
AAA		Υ	2.48	60.00	15.39		6.0		
10353-	Pulse Waveform (200Hz, 20%)	Х	2.14	60.00	13.09	6.99	12.0	±1.2%	± 9.6 %
AAA		Υ	1.68	60.00	14.41		12.0		
10354-	Pulse Waveform (200Hz, 40%)	Х	1.27	60.00	11.79	3.98	23.0	± 1.6 %	±9.6%
AAA		Υ	1.02	60.00	13.21		23.0		
10355-	Pulse Waveform (200Hz, 60%)	Х	0.74	60.00	11.08	2.22	27.0	± 1.2 %	±9.6 %
AAA		Υ	0.70	60.00	12.14		27.0	]	
10387-	QPSK Waveform, 1 MHz	Х	1.19	60.00	12.12	1.00	22.0	± 1.4 %	± 9.6 %
AAA		Υ	1.31	60.00	12.01		22.0		
10388-	QPSK Waveform, 10 MHz	X	1.27	60.00	11.91	0.00	22.0	± 0.8 %	± 9.6 %
AAA		Υ	1.47	60.00	11.74		22.0	]	
10396-	64-QAM Waveform, 100 kHz	Х	2.84	63.37	15.01	3.01	17.0	± 0.7 %	±9.6%
AAA		Υ	2.20	60.00	13.78		17.0		
10399-	64-QAM Waveform, 40 MHz	Х	2.08	60.00	12.41	0.00	19.0	± 0.9 %	± 9.6 %
AAA		Υ	2.23	60.00	12.35		19.0	]	
10414-	WLAN CCDF, 64-QAM, 40MHz	Χ	3.23	60.00	12.84	0.00	12.0	± 0.9 %	± 9.6 %
AAA		Υ	3.34	60.00	12.81		12.0	]	

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	-0.02	0.13	± 0.2 dB
0.9	100.0	-0.01	-0.03	± 0.2 dB
0.9	500.0	0.03	0.01	± 0.2 dB
0.9	1000.0	0.04	0.03	± 0.2 dB
0.9	1500.0	0.02	0.03	± 0.2 dB
0.9	2000.0	0.00	0.01	± 0.2 dB

Sensor Frequency Model Parameters (750 MHz - 55 GHz)

	Sensor X	Sensor Y
R (Ω)	84.03	77.34
$R_{\rho}(\Omega)$	86.52	92.60
L (nH)	0.11390	0.10042
C (pF)	0.2764	0.3011
C <sub>p</sub> (pF)	0.0786	0.0707

Sensor Frequency Model Parameters (55 GHz - 110 GHz)

	Sensor X	Sensor Y
R (Ω)	37.44	41.17
$R_{p}(\Omega)$	93.81	92.69
L (nH)	0.03130	0.02815
C (pF)	0.2434	0.3711
C <sub>p</sub> (pF)	0.1332	0.1301

## **Sensor Model Parameters**

	C1 fF	C2 fF	α V⁻¹	T1 ms.V <sup>-2</sup>	T2 ms.V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	Т6
X	54.5	395.45	33.67	2.66	7.75	4.97	0.00	1.74	1.01
Υ	50.6	363.25	33.11	0.92	6.45	5.02	0.00	2.00	1.01

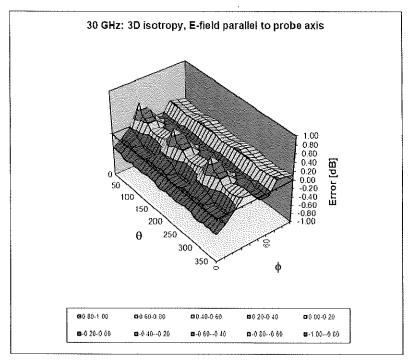
#### **Other Probe Parameters**

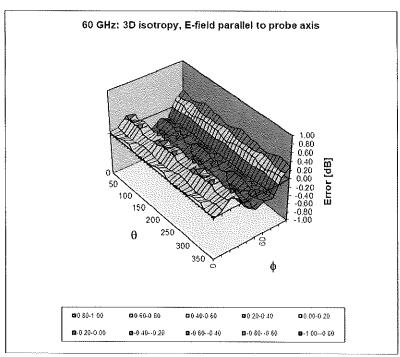
Sensor Arrangement	Rectangular
Connector Angle (°)	103.0
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm

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# **Deviation from Isotropy in Air**

f = 30, 60 GHz





Probe isotropy for E<sub>tot</sub>: probe rotated  $\phi$  = 0° to 360°, tilted from field propagation direction  $\bar{k}$  Parallel to the field propagation ( $\psi$  =0° - 90°) at 30 GHz: deviation within  $\pm$  0.47 dB Parallel to the field propagation ( $\psi$  =0° - 90°) at 60 GHz: deviation within  $\pm$  0.36 dB

**Appendix: Modulation Calibration Parameters** 

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

10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6%
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6%
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6%
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6,35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	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 %
		, , , , , , , , , , , , , , , , , , , ,	1	1 5.75	

10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802,11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10224	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10231	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
	+	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10236		LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10237	CAG			9.48	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD		± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10240	CAF		LTE-TDD		
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6%
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 % ± 9.6 %
10245		LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248		LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	<del></del>	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254		LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	<del></del>	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6%
10256		LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257		LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258		LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	+	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, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6%
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6%
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6%
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10293	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10295	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
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10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	±9.6%
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313		iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	IDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	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, 64-QAM, 40MHz         Generic         8.54           10415         AAA         IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)         WLAN         1.54           10416         AAA         IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)         WLAN         8.23           10417         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)         WLAN         8.23           10418         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)         WLAN         8.14           10419         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)         WLAN         8.19           10422         AAC         IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)         WLAN         8.32           10423         AAC         IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)         WLAN         8.47           10424         AAC         IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)         WLAN         8.40           10425         AAC         IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)         WLAN         8.41           10426         AAC         IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM)         WLAN         8.45           10427         AAC         IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)         WLAN <t< th=""><th>± 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 %</th></t<>	± 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 %
10416       AAA       IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)       WLAN       8.23         10417       AAC       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)       WLAN       8.23         10418       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)       WLAN       8.14         10419       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)       WLAN       8.19         10422       AAC       IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)       WLAN       8.32         10423       AAC       IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)       WLAN       8.47         10424       AAC       IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)       WLAN       8.40         10425       AAC       IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)       WLAN       8.41         10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.34         10432       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) </td <td>± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %</td>	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10417         AAC         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)         WLAN         8.23           10418         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)         WLAN         8.14           10419         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)         WLAN         8.19           10422         AAC         IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)         WLAN         8.32           10423         AAC         IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)         WLAN         8.47           10424         AAC         IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)         WLAN         8.40           10425         AAC         IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)         WLAN         8.41           10426         AAC         IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)         WLAN         8.45           10427         AAC         IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)         WLAN         8.41           10430         AAD         LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)         LTE-FDD         8.28           10431         AAD         LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)         LTE-FDD         8.34           10432         AAC         LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)         LTE-FDD         8.34	± 9.6 % ± 9.6 %
10418       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)       WLAN       8.14         10419       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)       WLAN       8.19         10422       AAC       IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)       WLAN       8.32         10423       AAC       IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)       WLAN       8.47         10424       AAC       IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)       WLAN       8.40         10425       AAC       IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)       WLAN       8.41         10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (OFC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-T	± 9.6 % ± 9.6 %
10419       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)       WLAN       8.19         10422       AAC       IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)       WLAN       8.32         10423       AAC       IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)       WLAN       8.47         10424       AAC       IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)       WLAN       8.40         10425       AAC       IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)       WLAN       8.41         10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)       LTE-FDD       8.34         10433       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.60         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-TDD       7.82	± 9.6 % ± 9.6 %
10422       AAC       IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)       WLAN       8.32         10423       AAC       IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)       WLAN       8.47         10424       AAC       IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)       WLAN       8.40         10425       AAC       IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)       WLAN       8.41         10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10433       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-TDD       7.82	± 9.6 % ± 9.6 %
10423       AAC       IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)       WLAN       8.47         10424       AAC       IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)       WLAN       8.40         10425       AAC       IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)       WLAN       8.41         10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)       LTE-FDD       8.34         10433       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-TDD       7.82	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10424       AAC       IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)       WLAN       8.40         10425       AAC       IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)       WLAN       8.41         10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)       LTE-FDD       8.34         10433       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-TDD       7.82	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10425       AAC       IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)       WLAN       8.41         10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)       LTE-FDD       8.34         10433       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-TDD       7.82	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10426       AAC       IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)       WLAN       8.45         10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)       LTE-FDD       8.34         10433       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-TDD       7.82	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10427       AAC       IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)       WLAN       8.41         10430       AAD       LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)       LTE-FDD       8.28         10431       AAD       LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)       LTE-FDD       8.38         10432       AAC       LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)       LTE-FDD       8.34         10433       AAC       LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)       LTE-FDD       8.34         10434       AAA       W-CDMA (BS Test Model 1, 64 DPCH)       WCDMA       8.60         10435       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)       LTE-TDD       7.82	± 9.6 % ± 9.6 % ± 9.6 %
10430         AAD         LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)         LTE-FDD         8.28           10431         AAD         LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)         LTE-FDD         8.38           10432         AAC         LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)         LTE-FDD         8.34           10433         AAC         LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)         LTE-FDD         8.34           10434         AAA         W-CDMA (BS Test Model 1, 64 DPCH)         WCDMA         8.60           10435         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)         LTE-TDD         7.82	± 9.6 % ± 9.6 %
10430         AAD         LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)         LTE-FDD         8.28           10431         AAD         LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)         LTE-FDD         8.38           10432         AAC         LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)         LTE-FDD         8.34           10433         AAC         LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)         LTE-FDD         8.34           10434         AAA         W-CDMA (BS Test Model 1, 64 DPCH)         WCDMA         8.60           10435         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)         LTE-TDD         7.82	± 9.6 %
10431         AAD         LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)         LTE-FDD         8.38           10432         AAC         LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)         LTE-FDD         8.34           10433         AAC         LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)         LTE-FDD         8.34           10434         AAA         W-CDMA (BS Test Model 1, 64 DPCH)         WCDMA         8.60           10435         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)         LTE-TDD         7.82	
10432         AAC         LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)         LTE-FDD         8.34           10433         AAC         LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)         LTE-FDD         8.34           10434         AAA         W-CDMA (BS Test Model 1, 64 DPCH)         WCDMA         8.60           10435         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)         LTE-TDD         7.82	
10433         AAC         LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)         LTE-FDD         8.34           10434         AAA         W-CDMA (BS Test Model 1, 64 DPCH)         WCDMA         8.60           10435         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)         LTE-TDD         7.82	± 9.6 %
10434         AAA         W-CDMA (BS Test Model 1, 64 DPCH)         WCDMA         8.60           10435         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)         LTE-TDD         7.82	± 9.6 %
10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) LTE-TDD 7.82	± 9.6 %
	± 9.6 %
10TT MAD ETE 100 (OT DAME, E THE OUT, OUR DAME, E THE OUT, OUR DAME)	± 9.6 %
10448 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) LTE-FDD 7.53	± 9.6 %
10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) LTE-FDD 7.51	± 9.6 %
10450 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)  LTE-FDD 7.48	± 9.6 %
10451 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59	± 9.6 %
10451 AAA WOOMA (BS 1est Model 1, 64 b) Ort, Chipping 4476) WOOMA 7.39  10453 AAD Validation (Square, 10ms, 1ms) Test 10.00	± 9.6 %
10456 AAC IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc) WLAN 8.63	± 9.6 % ± 9.6 %
10457 AAA UMTS-FDD (DC-HSDPA) WCDMA 6.62	
10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55	± 9.6 %
10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25	± 9.6 %
10460 AAA UMTS-FDD (WCDMA, AMR) WCDMA 2.39	± 9.6 %
10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 7.82	± 9.6 %
10462 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.30	± 9.6 %
10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.56	± 9.6 %
10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.82	± 9.6 %
10465 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32	± 9.6 %
10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.57	± 9.6 %
10467   AAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)   LTE-TDD   7.82	± 9.6 %
10468   AAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)   LTE-TDD   8.32	± 9.6 %
10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.56	± 9.6 %
10470 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) LTE-TDD 7.82	± 9.6 %
10471   AAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)   LTE-TDD   8.32	± 9.6 %
10472   AAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)   LTE-TDD   8.57	± 9.6 %
10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) LTE-TDD 7.82	± 9.6 %
10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD 8.32	± 9.6 %
10475   AAE   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)   LTE-TDD   8.57	± 9.6 %
10477 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) LTE-TDD 8.32	± 9.6 %
10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) LTE-TDD 8.57	± 9.6 %
10479 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 7.74	± 9.6 %
10480 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.18	± 9.6 %
10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.45	± 9.6 %
10482         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)         LTE-TDD         7.71	± 9.6 %
10483         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)         LTE-TDD         8.39	± 9.6 %
10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47	± 9.6 %
10485         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)         LTE-TDD         7.59	± 9.6 %
10486         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)         LTE-TDD         8.38	069/
10497 AAE LITE-TOD (SCIEDMA 50% DR 5 MHz 64 OAM HI CON)	± 9.6 %
10487   AAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)   LTE-TDD   8.60	± 9.6 %

10400	۸۸۲	LTE TOD (CC EDMA EON) DD 10 MHz 16 OAM III Cub)	LITETOD	T o o 1	± 9.6 %
10489 10490	AAF AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.31 8.54	± 9.6 %
10490	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10493	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 %
10503	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 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	±9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %

10517	A A C	IEEE 900 11 oo WiEi (90MHz, MCCO, 00no do)	144 ANI	10.40	T . 0.00/
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579 10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
+	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6%
10581 10582		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583 10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587 10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6 %
10589 10590	AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
<u> </u>	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 10594	AAC AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)  IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.64	± 9.6 %
10594			WLAN	8.74	±9.6%
10595	AAC AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)  IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAC		WLAN	8.71	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)  IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.50	±9.6%
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 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, MCS3, 90pc dc)	WLAN	8.82	±9.6%
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN WLAN	8.94	±9.6%
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	9.03 8.76	±9.6%
10007	,,,,,	1 30277 117 (117 1117,003, TOWN 12, 111000, 30pt do)	WEAT	1 0.70	± 9.6 %

10966   AAC	10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10607   AAC	10605				_	
10608   AAC   IEEE 802.11ac WIFI (20MHz, MCS1, 90pc ds)   WLAN   8.77   ± 9.6 %						
10690   AAC						
10610   AAC					_	
10611   AAC					<del></del>	
10612   AAC						
10613   AAC   IEEE 802.11ac WIFI (20MHz, MCSR, 90pc dc)   WLAN   8.59   ± 9.8 %   10616   AAC   IEEE 802.11ac WIFI (20MHz, MCSR, 90pc dc)   WLAN   8.52   ± 9.8 %   10616   AAC   IEEE 802.11ac WIFI (20MHz, MCSR, 90pc dc)   WLAN   8.82   ± 9.6 %   10616   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.82   ± 9.6 %   10616   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.81   ± 9.6 %   10618   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.86   ± 9.6 %   10619   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.86   ± 9.6 %   10620   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.86   ± 9.6 %   10620   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.87   ± 9.6 %   10621   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.77   ± 9.6 %   10622   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.77   ± 9.6 %   10623   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.86   ± 9.6 %   10623   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.82   ± 9.6 %   10626   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.82   ± 9.6 %   10626   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.86   ± 9.6 %   10626   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.96   ± 9.6 %   10626   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.96   ± 9.6 %   10628   AAC   IEEE 802.11ac WIFI (40MHz, MCSR, 90pc dc)   WLAN   8.83   ± 9.6 %   10628   AAC   IEEE 802.11ac WIFI (80MHz, MCSR, 90pc dc)   WLAN   8.83   ± 9.6 %   10628   AAC   IEEE 802.11ac WIFI (80MHz, MCSR, 90pc dc)   WLAN   8.81   ± 9.6 %   10628   AAC   IEEE 802.11ac WIFI (80MHz, MCSR, 90pc dc)   WLAN   8.71   ± 9.6 %   10628   AAC   IEEE 802.11ac WIFI (80MHz, MCSR, 90pc dc)   WLAN   8.72   ± 9.6 %   10638   AAD   IEEE 802.11ac WIFI (80MHz, MCSR, 90pc dc)   WLAN   8.81   ± 9.6 %   10638   AAD   IEEE 802.11ac WIFI (80MHz, MCSR, 90pc dc)   WLAN   8.81   ± 9.6 %   10638   AAD   IEEE 802.11ac WIFI (80MHz, MCSR, 90pc dc)   WLAN   8.81   ± 9.						
10814   AAC					<del></del>	
10815   AAC			<u> </u>			
10616   AAC   IEEE 802.11ac WIFI (40MHz, MCS0, 90pc dc)   WLAN   8.81   ±9.6 %   10618   AAC   IEEE 802.11ac WIFI (40MHz, MCS1, 90pc dc)   WLAN   8.81   ±9.6 %   10619   AAC   IEEE 802.11ac WIFI (40MHz, MCS2, 90pc dc)   WLAN   8.86   ±9.6 %   10619   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.86   ±9.6 %   10620   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.86   ±9.6 %   10622   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.77   ±9.6 %   10622   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.77   ±9.6 %   10622   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.68   ±9.6 %   10624   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.86   ±9.6 %   10626   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.96   ±9.6 %   10626   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.96   ±9.6 %   10626   AAC   IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)   WLAN   8.96   ±9.6 %   10626   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.89   ±9.6 %   10626   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.89   ±9.6 %   10628   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.89   ±9.6 %   10629   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.89   ±9.6 %   10629   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.71   ±9.6 %   10630   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.72   ±9.6 %   10631   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.72   ±9.6 %   10633   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.74   ±9.6 %   10633   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.74   ±9.6 %   10634   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.81   ±9.6 %   10634   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.83   ±9.6 %   10634   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.83   ±9.6 %   10634   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.89   ±9.6 %   10634   AAC   IEEE						
10617   AAC						
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10821   AAC					_	
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10626					<del>-  </del>	<del></del>
10627		<del></del>				
10628   AAC		<del> </del>	1			1
10629   AAC   IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc)   WLAN   8.85		<del> </del>				
10630		†				<u> </u>
10631   AAC   IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)   WLAN   8.81   ± 9.6 %   10632   AAC   IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)   WLAN   8.74   ± 9.6 %   10633   AAC   IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)   WLAN   8.83   ± 9.6 %   10634   AAC   IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)   WLAN   8.80   ± 9.6 %   10635   AAC   IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)   WLAN   8.81   ± 9.6 %   10636   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   8.81   ± 9.6 %   10637   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   8.79   ± 9.6 %   10637   AAD   IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)   WLAN   8.79   ± 9.6 %   10639   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, MCS5, 90pc dc)   WLAN   8.98   ± 9.6 %   10641   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   8.98   ± 9.6 %   10642   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6 %   10643   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6 %   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)   WLAN   9.06   ± 9.6 %   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6 %   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6 %   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6 %   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6 %   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6 %   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6 %   10655   AAE   LTE-TDD (SC-FDMA, 1 RB, 2 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96   ± 9.6 %   10656   AAA   LTE-TDD (SC-FDMA, 1 RB, 2 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96   ± 9.6 %   10656   AAA   LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ± 9.6 %   10656   AAA   Pulse Waveform (	-				<del></del>	-
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10634	<u> </u>	<del>                                     </del>			<del></del>	
10635						***************************************
10636		<b>†</b>				
10637   AAD					<del></del>	1
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10639   AAD		•				·
10640   AAD   IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)   WLAN   8.98   ± 9.6 %   10641   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6 %   10642   AAD   IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)   WLAN   9.06   ± 9.6 %   10643   AAD   IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)   WLAN   8.89   ± 9.6 %   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)   WLAN   9.05   ± 9.6 %   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   9.11   ± 9.6 %   10646   AAG   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96   ± 9.6 %   10647   AAF   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96   ± 9.6 %   10648   AAA   CDMA2000 (1x Advanced)   CDMA2000   3.45   ± 9.6 %   10652   AAE   LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.91   ± 9.6 %   10653   AAE   LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.96   ± 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   6.96   ± 9.6 %   10658   AAA   Pulse Waveform (200Hz, 10%)   Test   10.00   ± 9.6 %   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   3.98   ± 9.6 %   10661   AAA   Pulse Waveform (200Hz, 20%)   Test   3.98   ± 9.6 %   10662   AAA   Pulse Waveform (200Hz, 80%)   Test   0.97   ± 9.6 %   10660   AAA   Pulse Waveform (200Hz, 80%)   Test   0.97   ± 9.6 %   10660   AAA   Pulse Waveform (200Hz, 80%)   Test   0.97   ± 9.6 %   10670   AAA   Bluetooth Low Energy   Bluetooth   2.19   ± 9.6 %   10671   AAC   IEEE 802.11ax (20MHz, MCS0, 90pc dc)   WLAN   9.09   ± 9.6 %   10671   AAC   IEEE 802.11ax (20MHz, MCS0, 90pc dc)   WLAN   9.09   ± 9.6 %   10671   AAC   IEEE 802.11ax (20MHz, MCS0, 90pc dc)   WLAN   9.09   ± 9.6 %   10671   AAC   IEEE 802.11ax (20MHz, MCS0, 90pc dc)   WLAN   9.09   ± 9.6 %   10671   AAC   IEEE 802.11ax (20MHz, MCS0, 90pc dc)   WLAN   9.09   ± 9.6 %   10671   AAC   IEEE 802.11ax (20MHz, MCS0, 90pc dc)   WLAN   9.09   ±	<b></b>	·				+
10641   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06		<b>-</b>				
10642         AAD         IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)         WLAN         9.06         ± 9.6 %           10643         AAD         IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)         WLAN         8.89         ± 9.6 %           10644         AAD         IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)         WLAN         9.05         ± 9.6 %           10645         AAD         IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)         WLAN         9.11         ± 9.6 %           10646         AAG         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6 %           10647         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6 %           10648         AAA         CDMA2000 (1x Advanced)         CDMA2000         3.45         ± 9.6 %           10652         AAE         LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.91         ± 9.6 %           10653         AAE         LTE-TDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.42         ± 9.6 %           10654         AAD         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6 %           10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.					****	· † · · · · · · · · · · · · · · · · · ·
10643   AAD   IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)   WLAN   8.89						
10644         AAD         IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)         WLAN         9.05         ± 9.6 %           10645         AAD         IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)         WLAN         9.11         ± 9.6 %           10646         AAG         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6 %           10647         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6 %           10648         AAA         CDMA2000 (1x Advanced)         CDMA2000         3.45         ± 9.6 %           10652         AAE         LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.91         ± 9.6 %           10653         AAE         LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.42         ± 9.6 %           10654         AAD         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.96         ± 9.6 %           10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6 %           10658         AAA         Pulse Waveform (200Hz, 20%)         Test         10.00         ± 9.6 %           10659         AAA         Pulse Waveform (200Hz, 40%)		1			-	<del>                                     </del>
10645         AAD         IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)         WLAN         9.11         ± 9.6 %           10646         AAG         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6 %           10647         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6 %           10648         AAA         CDMA2000 (1x Advanced)         CDMA2000         3.45         ± 9.6 %           10652         AAE         LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.91         ± 9.6 %           10653         AAE         LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.42         ± 9.6 %           10654         AAD         LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.96         ± 9.6 %           10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6 %           10658         AAA         Pulse Waveform (200Hz, 10%)         Test         10.00         ± 9.6 %           10659         AAA         Pulse Waveform (200Hz, 20%)         Test         3.98         ± 9.6 %           10660         AAA         Pulse Waveform (200Hz, 60%)         Test <td></td> <td><del> </del></td> <td></td> <td></td> <td></td> <td></td>		<del> </del>				
10646       AAG       LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6 %         10647       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6 %         10648       AAA       CDMA2000 (1x Advanced)       CDMA2000       3.45       ± 9.6 %         10652       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6 %         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6 %         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6 %         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6 %         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6 %         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6 %         10660       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6 %         10661       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6 %         10670       AAA       Bluetooth Low Ener					<del></del>	<del></del>
10647       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6 %         10648       AAA       CDMA2000 (1x Advanced)       CDMA2000       3.45       ± 9.6 %         10652       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6 %         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6 %         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6 %         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6 %         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6 %         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6 %         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6 %         10661       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6 %         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6 %         10671       AAC       IEEE 802.11ax (20MHz, MCS0, 90pc dc)	-	+				+
10648         AAA         CDMA2000 (1x Advanced)         3.45         ± 9.6 %           10652         AAE         LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.91         ± 9.6 %           10653         AAE         LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.42         ± 9.6 %           10654         AAD         LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.96         ± 9.6 %           10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6 %           10658         AAA         Pulse Waveform (200Hz, 10%)         Test         10.00         ± 9.6 %           10659         AAA         Pulse Waveform (200Hz, 20%)         Test         6.99         ± 9.6 %           10660         AAA         Pulse Waveform (200Hz, 40%)         Test         3.98         ± 9.6 %           10661         AAA         Pulse Waveform (200Hz, 60%)         Test         2.22         ± 9.6 %           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6 %           10671         AAC         IEEE 802.11ax (20MHz, MCS0, 90pc dc)         WLAN         9.09         ± 9.6 %	*****			·		
10652       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6 %         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6 %         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6 %         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6 %         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6 %         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6 %         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6 %         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6 %         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6 %         10671       AAC       IEEE 802.11ax (20MHz, MCS0, 90pc dc)       WLAN       9.09       ± 9.6 %		1				<del></del>
10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6 %         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6 %         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6 %         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6 %         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6 %         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6 %         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6 %         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6 %         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6 %         10671       AAC       IEEE 802.11ax (20MHz, MCS0, 90pc dc)       WLAN       9.09       ± 9.6 %		1				
10654         AAD         LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.96         ± 9.6 %           10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6 %           10658         AAA         Pulse Waveform (200Hz, 10%)         Test         10.00         ± 9.6 %           10659         AAA         Pulse Waveform (200Hz, 20%)         Test         6.99         ± 9.6 %           10660         AAA         Pulse Waveform (200Hz, 40%)         Test         3.98         ± 9.6 %           10661         AAA         Pulse Waveform (200Hz, 60%)         Test         2.22         ± 9.6 %           10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6 %           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6 %           10671         AAC         IEEE 802.11ax (20MHz, MCS0, 90pc dc)         WLAN         9.09         ± 9.6 %		<del></del>			·····	·ŧ·····
10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6 %         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6 %         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6 %         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6 %         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6 %         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6 %         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6 %         10671       AAC       IEEE 802.11ax (20MHz, MCS0, 90pc dc)       WLAN       9.09       ± 9.6 %	+	-		·		
10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6 %         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6 %         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6 %         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6 %         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6 %         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6 %         10671       AAC       IEEE 802.11ax (20MHz, MCS0, 90pc dc)       WLAN       9.09       ± 9.6 %	·		• • • • • • • • • • • • • • • • • • • •		_	
10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6 %         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6 %         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6 %         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6 %         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6 %         10671       AAC       IEEE 802.11ax (20MHz, MCS0, 90pc dc)       WLAN       9.09       ± 9.6 %		<del></del>				
10660         AAA         Pulse Waveform (200Hz, 40%)         Test         3.98         ± 9.6 %           10661         AAA         Pulse Waveform (200Hz, 60%)         Test         2.22         ± 9.6 %           10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6 %           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6 %           10671         AAC         IEEE 802.11ax (20MHz, MCS0, 90pc dc)         WLAN         9.09         ± 9.6 %				<del> </del>		1
10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6 %         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6 %         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6 %         10671       AAC       IEEE 802.11ax (20MHz, MCS0, 90pc dc)       WLAN       9.09       ± 9.6 %		<del>-}</del>		***************************************		
10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6 %           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6 %           10671         AAC         IEEE 802.11ax (20MHz, MCS0, 90pc dc)         WLAN         9.09         ± 9.6 %	1	<del> </del>				<del>†</del>
10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6 %           10671         AAC         IEEE 802.11ax (20MHz, MCS0, 90pc dc)         WLAN         9.09         ± 9.6 %					<del>-</del>	
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 %				<del></del>		

10673   AAC   IEEE 602.11ax (20MHz, MCS2, 90pa do)   WLAN   8.78   ± 9.8 %   10875   AAC   IEEE 802.11ax (20MHz, MCS4, 90pa do)   WLAN   8.90   ± 9.8 %   10876   AAC   IEEE 802.11ax (20MHz, MCS4, 90pa do)   WLAN   8.70   ± 9.8 %   10877   AAC   IEEE 802.11ax (20MHz, MCS7, 90pa do)   WLAN   8.73   ± 9.8 %   10878   AAC   IEEE 802.11ax (20MHz, MCS7, 90pa do)   WLAN   8.73   ± 9.8 %   10879   AAC   IEEE 802.11ax (20MHz, MCS7, 90pa do)   WLAN   8.78   ± 9.8 %   10889   AAC   IEEE 802.11ax (20MHz, MCS7, 90pa do)   WLAN   8.89   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS8, 90pa do)   WLAN   8.80   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS8, 90pa do)   WLAN   8.80   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.82   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.82   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.82   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.28   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.28   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.28   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.28   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS1, 90pa do)   WLAN   8.28   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.28   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (20MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (40MHz, MCS3, 90pa do)   WLAN   8.29   ± 9.6 %   10889   AAC   IEEE 802.11ax (40MHz, MCS3,				***************************************		
10975   AAC	10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10676   AAC   IEEE 802.11ax (20MHz, MCSS, 90pc dc)   WILAN   8.73   ± 9.6 %   10678   AAC   IEEE 802.11ax (20MHz, MCS7, 90pc dc)   WILAN   8.78   ± 9.6 %   10679   AAC   IEEE 802.11ax (20MHz, MCS7, 90pc dc)   WILAN   8.89   ± 9.6 %   10680   AAC   IEEE 802.11ax (20MHz, MCS9, 90pc dc)   WILAN   8.80   ± 9.6 %   10681   AAC   IEEE 802.11ax (20MHz, MCS9, 90pc dc)   WILAN   8.80   ± 9.6 %   10681   AAC   IEEE 802.11ax (20MHz, MCS9, 90pc dc)   WILAN   8.80   ± 9.6 %   10681   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WILAN   8.42   ± 9.6 %   10683   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WILAN   8.42   ± 9.6 %   10684   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WILAN   8.42   ± 9.6 %   10685   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WILAN   8.26   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS2, 90pc dc)   WILAN   8.28   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.28   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.29   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.29   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.29   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.29   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.29   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.29   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.25   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.25   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.25   ± 9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.25   ± 9.6 %   10686   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WILAN   8.26   ± 9.6 %   10686   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WILAN   8.27   ± 9.6 %   10686   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WILAN   8.28   ± 9.6 %   10686   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WILAN   8.26   ± 9.6 %   10686   AAC   IE	10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10977   AAC	10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10678   AAC	10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10679   AAC	10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10860   AAC	10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10681 AAC   IEEE 802.11ax (20MHz, MCS10, 99pc dc)   WILAN   8.63	10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10682   AAC   IEEE 802.11ax (20MHz, MCS1), 90pc dc)   WILAN   8.42   ±9.6 %   10684   AAC   IEEE 802.11ax (20MHz, MCS1), 90pc dc)   WILAN   8.26   ±9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS1), 90pc dc)   WILAN   8.33   ±9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS1), 90pc dc)   WILAN   8.33   ±9.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.38   ±9.9 %   10687   AAC   IEEE 802.11ax (20MHz, MCS3, 90pc dc)   WILAN   8.48   ±9.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS4, 90pc dc)   WILAN   8.45   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS6, 90pc dc)   WILAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS6, 90pc dc)   WILAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS8, 90pc dc)   WILAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS8, 90pc dc)   WILAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS8, 90pc dc)   WILAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS8, 90pc dc)   WILAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS8, 90pc dc)   WILAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS9, 90pc dc)   WILAN   8.25   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WILAN   8.25   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WILAN   8.26   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WILAN   8.77   ±9.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.78   ±9.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.79   ±9.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.81   ±9.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.81   ±9.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.89   ±9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.89   ±9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.89   ±9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WILAN   8.89   ±9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MC	10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10682   AAC   IEEE 802.11ax (20MHz, MCS1), 90pc dc)   WLAN   8.42   49.6 %   10684   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.42   49.6 %   10685   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.26   49.6 %   10685   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.33   49.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.28   49.8 %   10687   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.45   49.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.45   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS5, 90pc dc)   WLAN   8.45   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS5, 90pc dc)   WLAN   8.29   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.29   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.29   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.29   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.29   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.29   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.25   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.25   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.25   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.67   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.70   49.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.70   49.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.71   49.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.71   49.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.81   49.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.81   49.6 %   10689   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.81   49.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.82   49.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.86	10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10683   AAC   IEEE 802.11ax (20MHz, MCS0, 99pc dc)   WLAN   8.26   ±9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS2, 99pc dc)   WLAN   8.28   ±9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS2, 99pc dc)   WLAN   8.28   ±9.6 %   10686   AAC   IEEE 802.11ax (20MHz, MCS4, 99pc dc)   WLAN   8.28   ±9.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS4, 99pc dc)   WLAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS5, 99pc dc)   WLAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS5, 99pc dc)   WLAN   8.29   ±9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS7, 99pc dc)   WLAN   8.29   ±9.6 %   10691   AAC   IEEE 802.11ax (20MHz, MCS7, 99pc dc)   WLAN   8.29   ±9.6 %   10691   AAC   IEEE 802.11ax (20MHz, MCS8, 99pc dc)   WLAN   8.29   ±9.6 %   10692   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.29   ±9.6 %   10693   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.29   ±9.6 %   10694   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.25   ±9.6 %   10694   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.25   ±9.6 %   10695   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.27   ±9.6 %   10696   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.57   ±9.6 %   10696   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.57   ±9.6 %   10697   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.78   ±9.6 %   10698   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.91   ±9.6 %   10698   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.91   ±9.6 %   10699   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.91   ±9.6 %   10699   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.81   ±9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.82   ±9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.82   ±9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.93   ±9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.95   ±9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.96   ±	10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN		±9.6%
10684   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.28   ± 8.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS2, 99pc dc)   WLAN   8.33   ± 9.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.28   ± 9.6 %   10687   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.45   ± 9.6 %   10688   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.29   ± 9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.29   ± 9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.29   ± 9.6 %   10689   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.25   ± 9.6 %   10691   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.25   ± 9.6 %   10692   AAC   IEEE 802.11ax (20MHz, MCS3, 99pc dc)   WLAN   8.29   ± 9.6 %   10692   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.29   ± 9.6 %   10693   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.29   ± 9.6 %   10693   AAC   IEEE 802.11ax (20MHz, MCS1, 99pc dc)   WLAN   8.57   ± 9.6 %   10695   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.57   ± 9.6 %   10697   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.79   ± 9.6 %   10697   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.91   ± 9.6 %   10697   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.91   ± 9.6 %   10699   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.81   ± 9.6 %   10699   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.82   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.82   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.79   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6,		AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)			
10685   AAC			IEEE 802.11ax (20MHz, MCS1, 99pc dc)	<u> </u>		± 9.6 %
1068B   AAC   IEEE 802.11ax (20MHz, MCS4, 99pc dc)					<del></del>	<u> </u>
10687   AAC						<del>l</del>
10688   AAC						<del></del>
10689						·
10690   AAC					<del>                                     </del>	
10691   AAC   IEEE 802.11ax (20MHz, MCS8, 99pc dc)					-	
10692	-					<del>                                     </del>
10693						<del> </del>
10694   AAC   IEEE 802.11ax (20MHz, MCS11, 99pc dc)				<del> </del>		<del></del>
10695   AAC						<del> </del>
10696   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.91   ± 9.6 %   10697   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.61   ± 9.6 %   10698   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.89   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS5, 90pc dc)   WLAN   8.73   ± 9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS5, 90pc dc)   WLAN   8.73   ± 9.6 %   10702   AAC   IEEE 802.11ax (40MHz, MCS5, 90pc dc)   WLAN   8.86   ± 9.6 %   10702   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.80   ± 9.6 %   10703   AAC   IEEE 802.11ax (40MHz, MCS7, 90pc dc)   WLAN   8.82   ± 9.6 %   10703   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.82   ± 9.6 %   10704   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.56   ± 9.6 %   10705   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.56   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.69   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.66   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.32   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.32   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.32   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.33   ± 9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.33   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.33   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.33   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.33   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.33   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.36   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.45   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.46   ± 9.6 %   10724   AAC   IEEE 802.11ax (40MHz, MCS4,	<u> </u>				<del> </del>	
10697   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.61   ± 9.6 %   10698   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.89   ± 9.6 %   10699   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.73   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.73   ± 9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10702   AAC   IEEE 802.11ax (40MHz, MCS7, 90pc dc)   WLAN   8.70   ± 9.6 %   10702   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.82   ± 9.6 %   10704   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.56   ± 9.6 %   10705   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.56   ± 9.6 %   10705   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.66   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.66   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.66   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.56   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.32   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.33   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.33   ± 9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.39   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.67   ± 9.6 %   10712   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.67   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.39   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.30   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.30   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.45   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.45   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.46   ± 9.6 %   10726   AAC   IEEE 802.11ax (40MHz, MCS6,						<del></del>
10698   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.89   ± 9.6 %   10699   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.82   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.73   ± 9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.76   ± 9.6 %   10702   AAC   IEEE 802.11ax (40MHz, MCS7, 90pc dc)   WLAN   8.70   ± 9.6 %   10703   AAC   IEEE 802.11ax (40MHz, MCS7, 90pc dc)   WLAN   8.86   ± 9.6 %   10704   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.56   ± 9.6 %   10705   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.56   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.69   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.69   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.32   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.32   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.32   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS2, 99pc dc)   WLAN   8.33   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS2, 99pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS2, 99pc dc)   WLAN   8.39   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS3, 99pc dc)   WLAN   8.39   ± 9.6 %   10712   AAC   IEEE 802.11ax (40MHz, MCS3, 99pc dc)   WLAN   8.39   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS3, 99pc dc)   WLAN   8.36   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS6, 99pc dc)   WLAN   8.26   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS6, 99pc dc)   WLAN   8.26   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS6, 99pc dc)   WLAN   8.45   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.45   ± 9.6 %   10728   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.48   ± 9.6 %   10729   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.76   ± 9.6 %   10720   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.76   ± 9.6 %   10722   AAC   IEEE 802.11ax (80MHz, M					<del> </del>	<del> </del>
10699   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.82   ± 9.6 %   10700   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.73   ± 9.6 %   10701   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10702   AAC   IEEE 802.11ax (40MHz, MCS7, 90pc dc)   WLAN   8.86   ± 9.6 %   10703   AAC   IEEE 802.11ax (40MHz, MCS8, 90pc dc)   WLAN   8.82   ± 9.6 %   10704   AAC   IEEE 802.11ax (40MHz, MCS8, 90pc dc)   WLAN   8.56   ± 9.6 %   10705   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.69   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS11, 90pc dc)   WLAN   8.69   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS11, 90pc dc)   WLAN   8.32   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.32   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.32   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.33   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.39   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.39   ± 9.6 %   10712   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.39   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.33   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.36   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10726   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10726   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.27   ± 9.6 %   10726   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.87   ± 9.6 %   10726   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.70   ± 9.6 %   10726   AAC   IEEE 802.11ax (80MHz, MCS				<del> </del>	·	t
10700		<del></del>			<del> </del>	
10701   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.86   ± 9.6 %   10702   AAC   IEEE 802.11ax (40MHz, MCS7, 90pc dc)   WLAN   8.70   ± 9.6 %   10703   AAC   IEEE 802.11ax (40MHz, MCS8, 90pc dc)   WLAN   8.82   ± 9.6 %   10704   AAC   IEEE 802.11ax (40MHz, MCS8, 90pc dc)   WLAN   8.56   ± 9.6 %   10705   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.69   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.66   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS11, 90pc dc)   WLAN   8.66   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.32   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.33   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.29   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.39   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.39   ± 9.6 %   10712   AAC   IEEE 802.11ax (40MHz, MCS5, 90pc dc)   WLAN   8.33   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.67   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.46   ± 9.6 %   10716   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.48   ± 9.6 %   10716   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.48   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.49   ± 9.6 %   10720   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.49   ± 9.6 %   10720   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.76   ± 9.6 %   10720   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.76   ± 9.6 %   10724   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.76   ± 9.6 %   10724   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.70   ± 9.6 %   10725   AAC   IEEE 802.11ax (80MHz, MCS		<u> </u>			<del> </del>	<b> </b>
10702   AAC   IEEE 802.11ax (40MHz, MCS7, 90pc dc)   WLAN   8.70   ± 9.6 %   10703   AAC   IEEE 802.11ax (40MHz, MCS8, 90pc dc)   WLAN   8.82   ± 9.6 %   10704   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.66   ± 9.6 %   10705   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.66   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS11, 90pc dc)   WLAN   8.66   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS11, 90pc dc)   WLAN   8.32   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.35   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS1, 90pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS2, 90pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS3, 90pc dc)   WLAN   8.29   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS4, 90pc dc)   WLAN   8.39   ± 9.6 %   10712   AAC   IEEE 802.11ax (40MHz, MCS5, 90pc dc)   WLAN   8.667   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS5, 90pc dc)   WLAN   8.67   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.33   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS6, 90pc dc)   WLAN   8.26   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.26   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.26   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS9, 90pc dc)   WLAN   8.24   ± 9.6 %   10716   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.24   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.24   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.24   ± 9.6 %   10719   AAC   IEEE 802.11ax (80MHz, MCS10, 90pc dc)   WLAN   8.24   ± 9.6 %   10720   AAC   IEEE 802.11ax (80MHz, MCS10, 90pc dc)   WLAN   8.76   ± 9.6 %   10720   AAC   IEEE 802.11ax (80MHz, MCS10, 90pc dc)   WLAN   8.76   ± 9.6 %   10724   AAC   IEEE 802.11ax (80MHz, MCS10, 90pc dc)   WLAN   8.76   ± 9.6 %   10724   AAC   IEEE 802.11ax (80MHz, MCS10, 90pc dc)   WLAN   8.76   ± 9.6 %   10725   AAC   IEEE 802.11ax (8		<del></del>		-	<del>                                     </del>	
10703   AAC		<u> </u>			<del> </del>	<del></del>
10704   AAC		f			<del> </del>	
10705   AAC   IEEE 802.11ax (40MHz, MCS10, 90pc dc)   WLAN   8.69   ± 9.6 %   10706   AAC   IEEE 802.11ax (40MHz, MCS11, 90pc dc)   WLAN   8.66   ± 9.6 %   10707   AAC   IEEE 802.11ax (40MHz, MCS0, 99pc dc)   WLAN   8.32   ± 9.6 %   10708   AAC   IEEE 802.11ax (40MHz, MCS1, 99pc dc)   WLAN   8.55   ± 9.6 %   10709   AAC   IEEE 802.11ax (40MHz, MCS2, 99pc dc)   WLAN   8.33   ± 9.6 %   10710   AAC   IEEE 802.11ax (40MHz, MCS3, 99pc dc)   WLAN   8.29   ± 9.6 %   10711   AAC   IEEE 802.11ax (40MHz, MCS3, 99pc dc)   WLAN   8.39   ± 9.6 %   10712   AAC   IEEE 802.11ax (40MHz, MCS3, 99pc dc)   WLAN   8.67   ± 9.6 %   10713   AAC   IEEE 802.11ax (40MHz, MCS5, 99pc dc)   WLAN   8.33   ± 9.6 %   10714   AAC   IEEE 802.11ax (40MHz, MCS5, 99pc dc)   WLAN   8.33   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS5, 99pc dc)   WLAN   8.26   ± 9.6 %   10715   AAC   IEEE 802.11ax (40MHz, MCS9, 99pc dc)   WLAN   8.45   ± 9.6 %   10716   AAC   IEEE 802.11ax (40MHz, MCS9, 99pc dc)   WLAN   8.45   ± 9.6 %   10716   AAC   IEEE 802.11ax (40MHz, MCS9, 99pc dc)   WLAN   8.48   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS9, 99pc dc)   WLAN   8.48   ± 9.6 %   10718   AAC   IEEE 802.11ax (40MHz, MCS10, 99pc dc)   WLAN   8.48   ± 9.6 %   10719   AAC   IEEE 802.11ax (40MHz, MCS10, 99pc dc)   WLAN   8.48   ± 9.6 %   10720   AAC   IEEE 802.11ax (40MHz, MCS11, 99pc 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, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %   10723   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %   10724   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %   10725   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %   10726   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %   10726   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %   10726   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %   10726   AAC   IEEE 802.11ax (80MHz, M		<del></del>			<del> </del>	
10706   AAC	<del></del>	<del></del>		•		1
10707   AAC		<del> </del>			·····	<del></del>
10708   AAC		<del>i                                    </del>			<del> </del>	
10709   AAC   IEEE 802.11ax (40MHz, MCS2, 99pc dc)   WLAN   8.33   ± 9.6 %     10710   AAC   IEEE 802.11ax (40MHz, MCS3, 99pc dc)   WLAN   8.29   ± 9.6 %     10711   AAC   IEEE 802.11ax (40MHz, MCS4, 99pc dc)   WLAN   8.39   ± 9.6 %     10712   AAC   IEEE 802.11ax (40MHz, MCS5, 99pc dc)   WLAN   8.67   ± 9.6 %     10713   AAC   IEEE 802.11ax (40MHz, MCS6, 99pc dc)   WLAN   8.33   ± 9.6 %     10714   AAC   IEEE 802.11ax (40MHz, MCS7, 99pc dc)   WLAN   8.26   ± 9.6 %     10715   AAC   IEEE 802.11ax (40MHz, MCS9, 99pc dc)   WLAN   8.45   ± 9.6 %     10716   AAC   IEEE 802.11ax (40MHz, MCS9, 99pc dc)   WLAN   8.30   ± 9.6 %     10717   AAC   IEEE 802.11ax (40MHz, MCS10, 99pc dc)   WLAN   8.48   ± 9.6 %     10718   AAC   IEEE 802.11ax (40MHz, MCS11, 99pc dc)   WLAN   8.24   ± 9.6 %     10719   AAC   IEEE 802.11ax (40MHz, MCS11, 90pc dc)   WLAN   8.24   ± 9.6 %     10720   AAC   IEEE 802.11ax (80MHz, MCS0, 90pc dc)   WLAN   8.87   ± 9.6 %     10721   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.76   ± 9.6 %     10722   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.76   ± 9.6 %     10723   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)   WLAN   8.70   ± 9.6 %     10724   AAC   IEEE 802.11ax (80MHz, MCS4, 90pc dc)   WLAN   8.70   ± 9.6 %     10725   AAC   IEEE 802.11ax (80MHz, MCS5, 90pc dc)   WLAN   8.70   ± 9.6 %     10726   AAC   IEEE 802.11ax (80MHz, MCS5, 90pc dc)   WLAN   8.70   ± 9.6 %     10726   AAC   IEEE 802.11ax (80MHz, MCS5, 90pc dc)   WLAN   8.70   ± 9.6 %     10726   AAC   IEEE 802.11ax (80MHz, MCS5, 90pc dc)   WLAN   8.74   ± 9.6 %     10726   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.72   ± 9.6 %     10727   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.72   ± 9.6 %     10727   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.72   ± 9.6 %     10727   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.76   ± 9.6 %     10727   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.66   ± 9.6 %     10728   AAC   IEEE 802.11ax (80MHz, MCS6, 90pc dc)   WLAN   8.66	·			·	<b>4</b>	<u> </u>
10710						
10711		<b>i</b>				
10712   AAC   IEEE 802.11ax (40MHz, MCS5, 99pc dc)   WLAN   8.67   ± 9.6 %		<b></b>		†	<del>                                     </del>	<b>+</b>
10713       AAC       IEEE 802.11ax (40MHz, MCS6, 99pc dc)       WLAN       8.33       ± 9.6 %         10714       AAC       IEEE 802.11ax (40MHz, MCS7, 99pc dc)       WLAN       8.26       ± 9.6 %         10715       AAC       IEEE 802.11ax (40MHz, MCS8, 99pc dc)       WLAN       8.45       ± 9.6 %         10716       AAC       IEEE 802.11ax (40MHz, MCS9, 99pc dc)       WLAN       8.30       ± 9.6 %         10717       AAC       IEEE 802.11ax (40MHz, MCS10, 99pc dc)       WLAN       8.48       ± 9.6 %         10718       AAC       IEEE 802.11ax (80MHz, 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       8.76       ± 9.6 %         10721       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.76       ± 9.6 %         10722       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.70       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.70       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN <td></td> <td><b>{</b></td> <td></td> <td></td> <td><del> </del></td> <td></td>		<b>{</b>			<del> </del>	
10714       AAC       IEEE 802.11ax (40MHz, MCS7, 99pc dc)       WLAN       8.26       ± 9.6 %         10715       AAC       IEEE 802.11ax (40MHz, MCS8, 99pc dc)       WLAN       8.45       ± 9.6 %         10716       AAC       IEEE 802.11ax (40MHz, MCS9, 99pc dc)       WLAN       8.30       ± 9.6 %         10717       AAC       IEEE 802.11ax (40MHz, MCS10, 99pc dc)       WLAN       8.48       ± 9.6 %         10718       AAC       IEEE 802.11ax (40MHz, MCS11, 99pc dc)       WLAN       8.24       ± 9.6 %         10719       AAC       IEEE 802.11ax (80MHz, MCS0, 90pc dc)       WLAN       8.81       ± 9.6 %         10720       AAC       IEEE 802.11ax (80MHz, MCS1, 90pc dc)       WLAN       8.76       ± 9.6 %         10721       AAC       IEEE 802.11ax (80MHz, MCS2, 90pc dc)       WLAN       8.76       ± 9.6 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.70       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.70       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN <td></td> <td></td> <td></td> <td>1</td> <td><del> </del></td> <td></td>				1	<del> </del>	
10715       AAC       IEEE 802.11ax (40MHz, MCS8, 99pc dc)       WLAN       8.45       ± 9.6 %         10716       AAC       IEEE 802.11ax (40MHz, MCS9, 99pc dc)       WLAN       8.30       ± 9.6 %         10717       AAC       IEEE 802.11ax (40MHz, MCS10, 99pc dc)       WLAN       8.48       ± 9.6 %         10718       AAC       IEEE 802.11ax (40MHz, MCS11, 99pc dc)       WLAN       8.24       ± 9.6 %         10719       AAC       IEEE 802.11ax (80MHz, MCS0, 90pc dc)       WLAN       8.81       ± 9.6 %         10720       AAC       IEEE 802.11ax (80MHz, MCS1, 90pc dc)       WLAN       8.76       ± 9.6 %         10721       AAC       IEEE 802.11ax (80MHz, MCS2, 90pc dc)       WLAN       8.55       ± 9.6 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.70       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.70       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN <td><u> </u></td> <td>1</td> <td></td> <td></td> <td>·<del>[</del></td> <td>·</td>	<u> </u>	1			· <del>[</del>	·
10716       AAC       IEEE 802.11ax (40MHz, MCS9, 99pc dc)       WLAN       8.30       ± 9.6 %         10717       AAC       IEEE 802.11ax (40MHz, MCS10, 99pc dc)       WLAN       8.48       ± 9.6 %         10718       AAC       IEEE 802.11ax (40MHz, MCS11, 99pc dc)       WLAN       8.24       ± 9.6 %         10719       AAC       IEEE 802.11ax (80MHz, MCS0, 90pc dc)       WLAN       8.81       ± 9.6 %         10720       AAC       IEEE 802.11ax (80MHz, MCS1, 90pc dc)       WLAN       8.76       ± 9.6 %         10721       AAC       IEEE 802.11ax (80MHz, MCS2, 90pc dc)       WLAN       8.76       ± 9.6 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.70       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.90       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %	<b> </b>				<u> </u>	<del>}</del>
10717       AAC       IEEE 802.11ax (40MHz, MCS10, 99pc dc)       WLAN       8.48       ± 9.6 %         10718       AAC       IEEE 802.11ax (40MHz, MCS11, 99pc dc)       WLAN       8.24       ± 9.6 %         10719       AAC       IEEE 802.11ax (80MHz, MCS0, 90pc dc)       WLAN       8.81       ± 9.6 %         10720       AAC       IEEE 802.11ax (80MHz, MCS1, 90pc dc)       WLAN       8.76       ± 9.6 %         10721       AAC       IEEE 802.11ax (80MHz, MCS2, 90pc dc)       WLAN       8.55       ± 9.6 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.70       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.90       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.74       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %	<b>*************************************</b>					
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       8.76       ± 9.6 %         10721       AAC       IEEE 802.11ax (80MHz, MCS2, 90pc dc)       WLAN       8.55       ± 9.6 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.70       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.90       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %		<del> </del>				
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 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.55       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.70       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.74       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.66       ± 9.6 %		<del></del>				1
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 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.55       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.70       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.90       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %						<del></del>
10721       AAC       IEEE 802.11ax (80MHz, MCS2, 90pc dc)       WLAN       8.76       ± 9.6 %         10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.55       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.70       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.90       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %	-			·	8.81	± 9.6 %
10722       AAC       IEEE 802.11ax (80MHz, MCS3, 90pc dc)       WLAN       8.55       ± 9.6 %         10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.70       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.90       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %					8.87	
10723       AAC       IEEE 802.11ax (80MHz, MCS4, 90pc dc)       WLAN       8.70       ± 9.6 %         10724       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.90       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %				WLAN	8.76	
10724       AAC       IEEE 802.11ax (80MHz, MCS5, 90pc dc)       WLAN       8.90       ± 9.6 %         10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %		<del>}</del> _		WLAN	8.55	± 9.6 %
10725       AAC       IEEE 802.11ax (80MHz, MCS6, 90pc dc)       WLAN       8.74       ± 9.6 %         10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %				WLAN	8.70	
10726       AAC       IEEE 802.11ax (80MHz, MCS7, 90pc dc)       WLAN       8.72       ± 9.6 %         10727       AAC       IEEE 802.11ax (80MHz, MCS8, 90pc dc)       WLAN       8.66       ± 9.6 %	10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10727 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.66 ± 9.6 %	***************************************	1		<del></del>	8.74	± 9.6 %
		AAC		WLAN	8.72	± 9.6 %
10728   AAC   IEEE 802.11ax (80MHz, MCS9, 90pc dc)   WLAN   8.65   ± 9.6 %		1			8.66	± 9.6 %
	10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %

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10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6%
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	±9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	±9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760 10761	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc) IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.53	± 9.6 %
10765	AAC		WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6%
10767	AAE	IEEE 802.11ax (160MHz, MCS11, 99pc dc) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	WLAN	8.51	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.01	± 9.6 % ± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	<del></del>
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 % ± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	1
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 % ± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
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10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6%
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	<del></del>
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6%
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36 8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41 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)	~	<del> </del>	
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6%
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6%
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.70	±9.6%
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)		7.66	±9.6%
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6%
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6%
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6%
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6%
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6%
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10000	~~~	00 (4), (0) 01 DW, 100/0 ND, 30 WITZ, QF3K, 00 KTZ)	5G NR FR1 TDD	8.41	± 9.6 %

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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 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	
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		± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.35 8.02	± 9.6 % ± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6%
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
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10924   AAB   SOA NR (OPT-6-OPEM), 109% RB, 30 MHz, QPSK, 30 MHz)   SOA NR FRI TOD   5.84   ± 9.6 %   10926   AAB   SOA NR (OPT-6-OPEM), 109% RB, 50 MHz, QPSK, 30 MHz)   SOA NR FRI TOD   5.94   ± 9.6 %   10926   AAB   SOA NR (OPT-6-OPEM), 109% RB, 60 MHz, QPSK, 30 MHz)   SOA NR FRI TOD   5.94   ± 9.6 %   10927   AAB   SOA NR (OPT-6-OPEM), 109% RB, 60 MHz, QPSK, 30 MHz)   SOA NR FRI TOD   5.94   ± 9.6 %   10928   AAC   SOA NR (OPT-6-OPEM), 119% IN 10 MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.94   ± 9.6 %   10928   AAC   SOA NR (OPT-6-OPEM), 119% IO MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.52   ± 9.6 %   10928   AAC   SOA NR (OPT-6-OPEM), 119% IO MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.52   ± 9.6 %   10932   AAC   SOA NR (OPT-6-OPEM), 119% IO MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.52   ± 9.6 %   10932   AAC   SOA NR (OPT-6-OPEM), 119% IO MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10932   AAC   SOA NR (OPT-6-OPEM), 119% SOM MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10933   AAC   SOA NR (OPT-6-OPEM), 119% OMHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10934   AAC   SOA NR (OPT-6-OPEM), 119% OMHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10935   AAC   SOA NR (OPT-6-OPEM), 119% OMHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10936   AAC   SOA NR (OPT-6-OPEM), 119% OMHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10936   AAC   SOA NR (OPT-6-OPEM), 189% OMHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10936   AAC   SOA NR (OPT-6-OPEM), 199% NR JO MHZ, QPSK, 15 MHz)   SOA NR FRI TOD   5.51   ± 9.6 %   10937   AAC   SOA NR (OPT-6-OPEM), 199% NR JO MHZ, QPSK, 15 MHz)   SOA NR FRI TOD   5.90   ± 9.6 %   10938   AAC   SOA NR (OPT-6-OPEM), 50% RB, 10 MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.90   ± 9.6 %   10938   AAC   SOA NR (OPT-6-OPEM), 50% RB, 10 MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.90   ± 9.6 %   10938   AAC   SOA NR (OPT-6-OPEM), 50% RB, 10 MHz, QPSK, 15 MHz)   SOA NR FRI TOD   5.90   ± 9.6 %   10938   AAC   SOA NR (OPT-6-OPEM), 50% RB, 10 MHz, QPSK, 15		s				
19926   AAB   SA NR (DET-G-OPEM), 100% RB, 50 MHz, CPSK, 30 MHz)   SG NR FR1 TDD   S.84   \$9.5 %   19927   AAB   SG NR (DET-S-GPDM), 100% RB, 80 MHz, CPSK, 30 MHz)   SG NR FR1 TDD   S.94   \$9.5 %   19928   AAC   SG NR (DET-S-GPDM), 100% RB, 80 MHz, CPSK, 15 MHz)   SG NR FR1 TDD   S.94   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 51 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.52   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 15 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.52   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 15 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 30 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 1 RB, 30 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.51   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 50 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.90   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 50 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.90   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 50 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.90   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.90   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.90   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.90   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.90   \$9.5 %   19930   AAC   SG NR (DET-S-GPDM), 50% KB, 20 MHz, CPSK, 15 MHz)   SG NR FR1 FDD   S.81   \$9.5 %   199	10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10926   AAB   SG NR (DFT+-OFDM, 100% RB, 60 MHz, QPSK, 30 MHz)   SG NR FRI TDD   5.94   ± 9.6 %   10927   AAB   SG NR (DFT+-OFDM, 1 RB, 5 MHz, QPSK, 15 MHz)   SG NR FRI TDD   5.59   ± 9.6 %   10928   AAC   SG NR (DFT+-OFDM, 1 RB, 5 MHz, QPSK, 15 MHz)   SG NR FRI TDD   5.52   ± 9.6 %   5.90 %   5.9	10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)		5.84	± 9.6 %
10926   AAB   SG NR (DET-G-OFM), 100 KR, 90 MHz, QPSK, 30 MHz)   SG NR FRI TDD   S.94   ± 9.6 %   10928   AAC   SG NR (DET-G-OFM), 101 KR, 90 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.92   ± 9.6 %   10928   AAC   SG NR (DET-G-OFM), 11 RB, 10 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.52   ± 9.6 %   10939   AAC   SG NR (DET-G-OFM), 11 RB, 10 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.52   ± 9.6 %   10931   AAC   SG NR (DET-G-OFM), 11 RB, 10 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.52   ± 9.6 %   10931   AAC   SG NR (DET-G-OFM), 11 RB, 10 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.51   ± 9.6 %   10932   AAC   SG NR (DET-G-OFM), 11 RB, 20 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.51   ± 9.6 %   10933   AAC   SG NR (DET-G-OFM), 11 RB, 20 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.51   ± 9.6 %   10933   AAC   SG NR (DET-G-OFM), 11 RB, 30 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.51   ± 9.6 %   10938   AAC   SG NR (DET-G-OFM), 11 RB, 30 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.51   ± 9.6 %   10938   AAC   SG NR (DET-G-OFM), 11 RB, 50 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.51   ± 9.6 %   10938   AAC   SG NR (DET-G-OFM), 18 RB, 50 MHz, QPSK, 15 MHz)   SG NR FRI TDD   S.51   ± 9.6 %   10938   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHz, QPSK, 15 MHz)   SG NR FRI TDD   S.75   ± 9.6 %   10938   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.75   ± 9.6 %   10939   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.70   ± 9.6 %   10940   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.70   ± 9.6 %   10940   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.80   ± 9.6 %   10940   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.80   ± 9.6 %   10940   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.80   ± 9.6 %   10940   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.80   ± 9.6 %   10940   AAC   SG NR (DET-G-OFM), 50 MR FRI SMHZ, QPSK, 15 MHz)   SG NR FRI TDD   S.80   ± 9.6	10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)		5.95	
1992   AAB   SG NR (DFT-&OFDM, 190% RB, 80 MHz, OPSK, 15 Mtz)   SG NR FRI FDD   5.52   ± 9.6 %   1992   AAC   SG NR (DFT-&OFDM, 1 RB, 10 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.52   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 15 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.52   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 15 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.52   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.51   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.51   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.51   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 40 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.51   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 40 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.51   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 1 RB, 50 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.51   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 50% RB, 15 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.51   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 50% RB, 15 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.90   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 50% RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.77   ± 9.6 %   1993   AAC   SG NR (DFT-&OFDM, 50% RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.77   ± 9.6 %   1994   AAC   SG NR (DFT-&OFDM, 50% RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.90   ± 9.6 %   10940   AAC   SG NR (DFT-&OFDM, 50% RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.90   5.96 %   10940   AAC   SG NR (DFT-&OFDM, 50% RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.80   5.96 %   10941   AAC   SG NR (DFT-&OFDM, 50% RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.80   5.96 %   10941   AAC   SG NR (DFT-&OFDM, 50% RB, 20 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.80   5.96 %   10943   AAC   SG NR (DFT-&OFDM, 50% RB, 50 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.80   5.96 %   10943   AAC   SG NR (DFT-&OFDM, 50% RB, 50 Mtz, OPSK, 15 Mtz)   SG NR FRI FDD   5.80   5.96 %   10944   AAC   SG NR (DFT-&OFDM, 50% RB, 50 Mt	10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	+
10928   AAC   SG NR (DFT-4-OFDM, 18 B, 5 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.52   \$9.8 %	10927	AAB		******		+
10929   AAC   SO NR (DFT-s-OFDM, 18 B, 10 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.52   ± 9.6 %   10931   AAC   SG NR (DFT-s-OFDM, 18 B, 20 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.51   ± 9.6 %   10932   AAC   SG NR (DFT-s-OFDM, 18 B, 20 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.51   ± 9.6 %   10934   AAC   SG NR (DFT-s-OFDM, 18 B, 25 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.51   ± 9.6 %   10934   AAC   SG NR (DFT-s-OFDM, 18 B, 25 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.51   ± 9.6 %   10934   AAC   SG NR (DFT-s-OFDM, 18 B, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.51   ± 9.6 %   10935   AAC   SG NR (DFT-s-OFDM, 18 B, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.51   ± 9.6 %   10936   AAC   SG NR (DFT-s-OFDM, 18 B, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.51   ± 9.6 %   10937   AAC   SG NR (DFT-s-OFDM, 18 B, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.77   ± 9.6 %   10938   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.77   ± 9.6 %   10939   AAC   SG NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.77   ± 9.6 %   10939   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.82   ± 9.6 %   10934   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.82   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.82   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.82   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.86   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.86   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.86   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.87   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.87   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FRI FDD   5.87   ± 9.6 %   1094	10928	AAC				<del>                                     </del>
1993   AAC   SG NR (DFT-s-OFDM, T.B., I.S. MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.52   ± 9.6 %   19932   AAC   SG NR (OFT-s-OFDM, T.B., 25 MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.51   ± 9.6 %   19933   AAC   SG NR (OFT-s-OFDM, T.B., 30 MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.51   ± 9.6 %   19935   AAC   SG NR (OFT-s-OFDM, T.B., 30 MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.51   ± 9.6 %   19935   AAD   SG NR (OFT-s-OFDM, T.B., 30 MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.51   ± 9.6 %   19936   AAC   SG NR (OFT-s-OFDM, SPB, B.) MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.51   ± 9.6 %   19937   AAC   SG NR (OFT-s-OFDM, SPB, B.) MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.51   ± 9.6 %   19937   AAC   SG NR (OFT-s-OFDM, SPB, B.) MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.57   ± 9.6 %   19938   AAC   SG NR (OFT-s-OFDM, SPB, B.) MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.90   ± 9.6 %   19939   AAC   SG NR (OFT-s-OFDM, SPB, R.) MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.90   ± 9.6 %   19942   AAC   SG NR (OFT-s-OFDM, SPB, R.) SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.90   ± 9.6 %   19942   AAC   SG NR (OFT-s-OFDM, SPB, R.) SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.90   ± 9.6 %   19942   AAC   SG NR (OFT-s-OFDM, SPB, R.) SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.90   ± 9.6 %   19942   AAC   SG NR (OFT-s-OFDM, SPB, R.) SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.90   ± 9.6 %   19943   AAC   SG NR (OFT-s-OFDM, SPB, R.) SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.80   ± 9.6 %   19943   AAC   SG NR (OFT-s-OFDM, SPB, R.) SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.85   ± 9.6 %   19943   AAC   SG NR (OFT-s-OFDM, SPB, R.) SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.85   ± 9.6 %   19943   AAC   SG NR (OFT-s-OFDM, TOW, SPB, 5 MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.85   ± 9.6 %   19943   AAC   SG NR (OFT-s-OFDM, TOW, SPB, 5 MHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.86   ± 9.6 %   19943   AAC   SG NR (OFT-s-OFDM, TOW, SPB, SMHz, OPSK, T.S. KHz)   SG NR FRI FDD   5.86   ± 9.6 %   19944   AAC   SG NR (OFT-s-OFDM, TOW, SPB, SMHz, OPSK, T.S. KHz)   S	10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)		<del></del>	1
19931   AAC   SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.8 %   19932   AAC   SG NR (DFT-s-OFDM, 1 RB, 0 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19934   AAC   SG NR (DFT-s-OFDM, 1 RB, 0 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19936   AAC   SG NR (DFT-s-OFDM, 1 RB, 0 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19936   AAC   SG NR (DFT-s-OFDM, 1 RB, 0 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19936   AAC   SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.50   ± 9.6 %   19937   AAC   SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.70   ± 9.6 %   19939   AAC   SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.77   ± 9.6 %   19939   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.60   ± 9.6 %   19941   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   19941   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   19941   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19942   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19944   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.84   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.84   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.84   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6	10930	AAC			·	<del></del>
19932   AAC   SG NR (DFT-e-OFDM, 1 FIB, 36 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19935   AAC   SG NR (DFT-e-OFDM, 1 FIB, 30 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19935   AAC   SG NR (DFT-e-OFDM, 1 RB, 50 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19935   AAC   SG NR (DFT-e-OFDM, 50 RB, 5 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19937   AAC   SG NR (DFT-e-OFDM, 50 RB, 5 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.77   ± 9.8 %   19937   AAC   SG NR (DFT-e-OFDM, 50 RB, 5 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.77   ± 9.8 %   19938   AAC   SG NR (DFT-e-OFDM, 50 RB, 15 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.77   ± 9.8 %   19940   AAC   SG NR (DFT-e-OFDM, 50 RB, 12 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   19940   AAC   SG NR (DFT-e-OFDM, 50 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   19940   AAC   SG NR (DFT-e-OFDM, 50 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19942   AAC   SG NR (DFT-e-OFDM, 50 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19943   AAC   SG NR (DFT-e-OFDM, 50 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   19944   AAC   SG NR (DFT-e-OFDM, 50 RB, 50 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   19945   AAC   SG NR (DFT-e-OFDM, 50 RB, 50 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   19945   AAC   SG NR (DFT-e-OFDM, 50 RB, 50 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   19945   AAC   SG NR (DFT-e-OFDM, 100 RB, 50 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   19946   AAC   SG NR (DFT-e-OFDM, 100 RB, 50 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   19946   AAC   SG NR (DFT-e-OFDM, 100 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   19946   AAC   SG NR (DFT-e-OFDM, 100 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   19946   AAC   SG NR (DFT-e-OFDM, 100 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19946   AAC   SG NR (DFT-e-OFDM, 100 RB, 20 MHz, OPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19946	10931	AAC				
19933   AAC   SO NR (DFT-4-OPDM, 1 RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   1936   AAC   SG NR (DFT-4-OPDM, 1 RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   1936   AAC   SG NR (DFT-4-OPDM, 1 RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.50   ± 9.6 %   1936   AAC   SG NR (DFT-4-OPDM, 50% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   1938   AAC   SG NR (DFT-4-OPDM, 50% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   1939   AAC   SG NR (DFT-4-OPDM, 50% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   1939   AAC   SG NR (DFT-4-OPDM, 50% RB, 26 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.92   ± 9.6 %   1934   AAC   SG NR (DFT-4-OPDM, 50% RB, 26 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 50% RB, 28 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 50% RB, 28 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 50% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.81   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.81   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.6 %   1994   AAC   SG NR (DFT-4-OPDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   1994	10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)		<del></del>	
19934   AAC   SG NR (DFT-s-OFDM, 18B, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.51   ± 9.6 %   19937   AAC   SG NR (DFT-s-OFDM, 18B, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   19937   AAC   SG NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   19937   AAC   SG NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.77   ± 9.6 %   19939   AAC   SG NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.90   ± 9.6 %   19939   AAC   SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.80   ± 9.6 %   19940   AAC   SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.82   ± 9.8 %   19942   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19942   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.89   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.65   ± 9.6 %   19943   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.65   ± 9.6 %   19945   AAC   SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.65   ± 9.6 %   19945   AAC   SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.65   ± 9.6 %   19947   AAC   SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.65   ± 9.6 %   19947   AAC   SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19949   AAC   SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19949   AAC   SG NR (DFT-s-OFDM, 100% RB, 26 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19949   AAC   SG NR (DFT-s-OFDM, 100% RB, 26 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19949   AAC   SG NR (DFT-s-OFDM, 100% RB, 26 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19949   AAC   SG NR (DFT-s-OFDM, 100% RB, 26 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   19949   AAC   SG NR (DFT-s-OFDM, 100% RB, 26 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87	10933	AAC				
10935   AAD   56 NR (DFT-s-OFDM, 18R, 50 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.91   \$9.6 %   10936   AAC   56 NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.77   \$9.6 %   10938   AAC   56 NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.77   \$9.6 %   10938   AAC   56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.90   \$9.6 %   10940   AAC   56 NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.89   \$9.6 %   10941   AAC   56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.89   \$9.6 %   10941   AAC   56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.89   \$9.6 %   10941   AAC   56 NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.80   \$9.6 %   10942   AAC   56 NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.85   \$9.6 %   10943   AAD   56 NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.85   \$9.6 %   10943   AAD   56 NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.85   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.81   \$9.6 %   10946   AAC   56 NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.83   \$9.6 %   10948   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.83   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.87   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.94   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.94   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.94   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.94   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.94   \$9.6 %   10943   AAC   56 NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   56 NR FRI FDD   5.94   \$9.6 %	10934	AAC		-		
10936   AAC   5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.70   ± 9.6 %   10937   AAC   5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.90   ± 9.6 %   10939   AAC   5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.82   ± 9.6 %   10939   AAC   5G NR (DFT-s-OFDM, 50% RB, 26 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.82   ± 9.6 %   10941   AAC   5G NR (DFT-s-OFDM, 50% RB, 26 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.83   ± 9.6 %   10942   AAC   5G NR (DFT-s-OFDM, 50% RB, 26 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.83   ± 9.6 %   10942   AAC   5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.85   ± 9.6 %   10942   AAC   5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.85   ± 9.6 %   10943   AAC   5G NR (DFT-s-OFDM, 100% RB, 56 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.85   ± 9.6 %   10945   AAC   5G NR (DFT-s-OFDM, 100% RB, 56 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.81   ± 9.6 %   10945   AAC   5G NR (DFT-s-OFDM, 100% RB, 56 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.81   ± 9.6 %   10945   AAC   5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.81   ± 9.6 %   10947   AAC   5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.84   ± 9.6 %   10947   AAC   5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.87   ± 9.6 %   10948   AAC   5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.87   ± 9.6 %   10949   AAC   5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.87   ± 9.6 %   10950   AAC   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, 30 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.87   ± 9.6 %   10950   AAC   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.94   ± 9.6 %   10950   AAC   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)   5G NR FRI FDD   5.94   ± 9.6 %   10950   AAA   5G NR DL (CPO-OFDM, 170 3.1, 15 MHz, 64-QAM, 15 KHz)   5G N	10935	AAD				
19937 AAC SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.97 ± 9.6 % 19938 AAC SG NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.92 ± 9.6 % 19940 AAC SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.82 ± 9.6 % 19940 AAC SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.89 ± 9.6 % 19941 AAC SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.89 ± 9.6 % 19942 AAC SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.85 ± 9.6 % 19943 AAD SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.85 ± 9.6 % 19943 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.85 ± 9.6 % 19943 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.85 ± 9.6 % 19945 AAC SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.85 ± 9.6 % 19945 AAC SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.85 ± 9.6 % 19945 AAC SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.85 ± 9.6 % 19947 AAC SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.83 ± 9.6 % 19948 AAC SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.84 ± 9.6 % 19948 AAC SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.84 ± 9.6 % 19951 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.84 ± 9.6 % 19951 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.94 ± 9.6 % 19952 AAC SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.94 ± 9.6 % 19953 AAA SG NR DL (CP-OFDM, 110% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.94 ± 9.6 % 19953 AAA SG NR DL (CP-OFDM, 110% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.94 ± 9.6 % 19953 AAA SG NR DL (CP-OFDM, 110 3.1, 10 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 5.94 ± 9.6 % 19953 AAA SG NR DL (CP-OFDM, 110 3.1, 10 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 8.13 ± 9.6 % 19955 AAA SG NR DL (CP-OFDM, 110 3.1, 10 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.14 ± 9.6 % 19958 AAA SG NR DL (CP-OFDM, 110 3.1, 10 MHz, 64-	10936	AAC			<del> </del>	
19938 AAC 5G NR (DFT-s-OFDM, 59% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ± 9.6 % 19939 AAC 5G NR (DFT-s-OFDM, 59% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ± 9.6 % 19941 AAC 5G NR (DFT-s-OFDM, 59% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.89 ± 9.6 % 19941 AAC 5G NR (DFT-s-OFDM, 59% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.89 ± 9.6 % 19943 AAC 5G NR (DFT-s-OFDM, 59% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ± 9.6 % 19943 AAC 5G NR (DFT-s-OFDM, 59% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ± 9.6 % 19944 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.95 ± 9.6 % 19944 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ± 9.6 % 19945 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ± 9.6 % 19947 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ± 9.6 % 19947 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ± 9.6 % 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ± 9.6 % 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.84 ± 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ± 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ± 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ± 9.6 % 10951 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ± 9.6 % 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz,	10937	AAC				
10940 AAC 5G NR (DFT-s-OFDM, 59% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ± 9.6 % 10941 AAC 5G NR (DFT-s-OFDM, 59% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ± 9.6 % 10942 AAC 5G NR (DFT-s-OFDM, 59% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ± 9.6 % 10942 AAC 5G NR (DFT-s-OFDM, 59% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ± 9.6 % 10943 AAD 5G NR (DFT-s-OFDM, 59% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.86 ± 9.6 % 10943 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ± 9.6 % 10944 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ± 9.6 % 10945 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ± 9.6 % 10945 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.86 ± 9.6 % 10945 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ± 9.6 % 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ± 9.6 % 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ± 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10951 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 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 5.94 ± 9.6 % 10952 AAA 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ± 9.6 % 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz	10938	AAC				
10940 AAC 5G NR (DFT-s-OFDM, 59% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.89 \$ 9.6 % 10942 AAC 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 \$ 9.6 % 10943 AAC 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 \$ 9.6 % 10943 AAC 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.95 \$ 2.9.6 % 10943 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 \$ 9.6 % 10944 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.86 \$ 9.6 % 10945 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.86 \$ 9.6 % 10945 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 \$ 9.6 % 10945 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 5.87 \$ 9.6 % 10949 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 5.94 \$ 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 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 5.94 \$ 9.6 % 10952 AAA 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 \$ 9.6 % 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 \$ 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 \$ 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 \$ 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 \$ 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.26 \$ 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.26 \$ 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.31 \$ 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.31 \$ 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15	10939	AAC				<del></del>
10941   AAC   SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   10942   AAC   SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.95   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.95   ± 9.6 %   10944   AAC   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.81   ± 9.6 %   10945   AAC   SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   10947   AAC   SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   10947   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.85   ± 9.6 %   10947   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   10948   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ± 9.6 %   10949   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ± 9.6 %   10950   AAC   SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ± 9.6 %   10951   AAD   SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.92   ± 9.6 %   10951   AAD   SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.92   ± 9.6 %   10953   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.22   ± 9.6 %   10953   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.23   ± 9.6 %   10954   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.23   ± 9.6 %   10956   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.23   ± 9.6 %   10956   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.24   ± 9.6 %   10956   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.31   ± 9.6 %   10956   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   9.24   ± 9.6 %   10956   AAA   SG NR DL (CPO-OFDM, TM 3.1, 5 MHz, 64-QAM, 30	10940	AAC				+
10942   AAC   SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.95   ± 9.6 %   10943   AAD   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.95   ± 9.6 %   10945   AAC   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.81   ± 9.6 %   10945   AAC   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   10946   AAC   SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   10947   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   10948   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   10949   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   10949   AAC   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ± 9.6 %   10951   AAD   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ± 9.6 %   10951   AAC   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ± 9.6 %   10952   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, G4-QAM, 15 kHz)   SG NR FR1 FDD   5.92   ± 9.6 %   10953   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, G4-QAM, 15 kHz)   SG NR FR1 FDD   8.15   ± 9.6 %   10955   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.15   ± 9.6 %   10955   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.15   ± 9.6 %   10955   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.14   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.14   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.14   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.14   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   9.6 %   9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	10941	AAC				<del>                                     </del>
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, 50 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 5.83 ± 9.6 % 10947 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 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 5.83 ± 9.6 % 10947 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ± 9.6 % 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 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 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ± 9.6 % 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10953 AAA 6G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10955 AAA 6G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10955 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10955 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10956 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10956 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ± 9.6 % 10956 AAA 6G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ± 9.6 % 10956 AAB 6G NR DL (CP-OFDM, TM 3.1, 10 MH						+
10944   AAC   SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.85   ± 9.6 %   10945   AAC   SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.85   ± 9.6 %   10946   AAC   SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.87   ± 9.6 %   10947   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.87   ± 9.6 %   10948   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.87   ± 9.6 %   10949   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.87   ± 9.6 %   10950   AAC   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.87   ± 9.6 %   10951   AAD   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.94   ± 9.6 %   10951   AAD   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.92   ± 9.6 %   10952   AAA   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.92   ± 9.6 %   10953   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.25   ± 9.6 %   10954   AAA   SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.25   ± 9.6 %   10955   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.23   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.42   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.42   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.41   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ± 9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ± 9.6 %   10956   AAB   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ± 9.6 %   10956   AAB   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)   SG NR FR1 TDD   9.30   ± 9.6 %   10956   AAB   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM,	10943	AAD	· · · · · · · · · · · · · · · · · · ·			
10945   AAC   SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   S.83	10944	AAC				
10946   AAC   SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.83   ± 9.6 %   10947   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   10948   AAC   SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   10950   AAC   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ± 9.6 %   10950   AAC   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ± 9.6 %   10951   AAD   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.92   ± 9.6 %   10952   AAA   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.92   ± 9.6 %   10952   AAA   5G NR DL (CP-OFDM, TM 3.1, 5 MHz, QFSK, 15 kHz)   SG NR FR1 FDD   8.25   ± 9.6 %   10953   AAA   5G NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 15 kHz)   SG NR FR1 FDD   8.15   ± 9.6 %   10954   AAA   5G NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 15 kHz)   SG NR FR1 FDD   8.23   ± 9.6 %   10955   AAA   5G NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 15 kHz)   SG NR FR1 FDD   8.24   ± 9.6 %   10956   AAA   5G NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 15 kHz)   SG NR FR1 FDD   8.14   ± 9.6 %   10956   AAA   5G NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 30 kHz)   SG NR FR1 FDD   8.14   ± 9.6 %   10958   AAA   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 30 kHz)   SG NR FR1 FDD   8.31   ± 9.6 %   10958   AAA   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 30 kHz)   SG NR FR1 FDD   8.31   ± 9.6 %   10958   AAA   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 30 kHz)   SG NR FR1 FDD   8.33   ± 9.6 %   10958   AAA   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 30 kHz)   SG NR FR1 FDD   9.32   ± 9.6 %   10960   AAC   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 30 kHz)   SG NR FR1 FDD   9.32   ± 9.6 %   10960   AAC   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 30 kHz)   SG NR FR1 TDD   9.32   ± 9.6 %   10964   AAC   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, QF-QAM, 15 kHz)   SG NR FR1 TDD   9.32   ± 9.6 %   10968   AAB   SG NR DL (CP-OFDM, TM 3.1, 10 MHz, QF-QA	10945	AAC				
10947   AAC   SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.87   ±9.6 %   10948   AAC   SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ±9.6 %   10950   AAC   SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ±9.6 %   10951   AAC   SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.94   ±9.6 %   10951   AAD   SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.92   ±9.6 %   10952   AAA   SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)   SG NR FR1 FDD   5.92   ±9.6 %   10953   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.25   ±9.6 %   10953   AAA   SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.23   ±9.6 %   10954   AAA   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.23   ±9.6 %   10955   AAA   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   8.24   ±9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.14   ±9.6 %   10956   AAA   SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ±9.6 %   10958   AAA   SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ±9.6 %   10959   AAA   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ±9.6 %   10959   AAA   SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ±9.6 %   10956   AAB   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ±9.6 %   10956   AAB   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 FDD   8.61   ±9.6 %   10956   AAB   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)   SG NR FR1 FDD   9.32   ±9.6 %   10966   AAB   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 TDD   9.36   ±9.6 %   10966   AAB   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR FR1 TDD   9.55   ±9.6 %   10966   AAB   SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)   SG NR	10946	AAC				
10948 AAC 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 % 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 % 10951 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 % 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 % 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 % 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ±9.6 % 10956 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, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.44 ±9.6 % 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.44 ±9.6 % 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6 % 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6 % 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 % 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.56 ±9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.56 ±9.6 % 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.56 ±9.6 % 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.56 ±9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QA	10947	AAC		-		
10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10951 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ± 9.6 % 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ± 9.6 % 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ± 9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ± 9.6 % 10950 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ± 9.6 % 10950 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ± 9.6 % 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ± 9.6 % 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 9.6 % 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 M	10948	AAC				
10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 % 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 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 8.25 ± 9.6 % 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.44 ± 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 % 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, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 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, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ± 9.6 % 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.37 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.59 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM,	10949	AAC				
10951       AAD       5G NR (PFT-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       8.42       ± 9.6 %         10955       AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 FDD       8.42       ± 9.6 %         10956       AAA       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.14       ± 9.6 %         10957       AAA       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.31       ± 9.6 %         10959       AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.61       ± 9.6 %         10950       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)       5G NR FR1 FDD       8.33       ± 9.6 %         10960       AAC       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.32       ± 9.6 %         10961       AAB       5G NR DL	10950	AAC				<del> </del>
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 % 10956 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, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ± 9.6 % 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ± 9.6 % 10957 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, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ± 9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ± 9.6 % 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.33 ± 9.6 % 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ± 9.6 % 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10968 AAB 5G NR DL (CP-OFDM, TM	10951	AAD		***************************************		
10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ± 9.6 % 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ± 9.6 % 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ± 9.6 % 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 9.6 % 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 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, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 11.59 ± 9.6 % 10967 AAB 5G NR (CP-OF	10952	AAA				<del> </del>
10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ± 9.6 % 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ± 9.6 % 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ± 9.6 % 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ± 9.6 % 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 % 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ± 9.6 % 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ± 9.6 % 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ± 9.6 % 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ± 9.6 % 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.56 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.56 ± 9.6 % 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.56 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.56 ± 9.6 % 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ± 9.6 % 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ± 9.6 % 10967 AAB 5G NR DL (CP-OFDM	10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)		<del></del>	
10955       AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 FDD       8.42       ± 9.6 %         10956       AAA       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.14       ± 9.6 %         10957       AAA       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.31       ± 9.6 %         10958       AAA       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.61       ± 9.6 %         10958       AAA       5G NR DL (CP-OFDM, TM 3.1, 15 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, 30 kHz)       5G NR FR1 TDD       9.32       ± 9.6 %         10961       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.32       ± 9.6 %         10962       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.36       ± 9.6 %         10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 5 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, 10 kHz)       5G NR FR1 TDD       9.25       ± 9.6 %         10965       AAB       5G NR DL	10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	***************************************		
10956         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)         5G NR FR1 FDD         8.14         ± 9.6 %           10957         AAA         5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)         5G NR FR1 FDD         8.31         ± 9.6 %           10958         AAA         5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)         5G NR FR1 FDD         8.61         ± 9.6 %           10959         AAA         5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)         5G NR FR1 FDD         8.33         ± 9.6 %           10960         AAC         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 TDD         9.32         ± 9.6 %           10961         AAB         5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)         5G NR FR1 TDD         9.36         ± 9.6 %           10962         AAB         5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)         5G NR FR1 TDD         9.36         ± 9.6 %           10963         AAB         5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)         5G NR FR1 TDD         9.55         ± 9.6 %           10964         AAC         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)         5G NR FR1 TDD         9.29         ± 9.6 %           10965         AAB         5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)         5G NR FR1 TDD         9.	10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)			1
10957       AAA       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.31       ± 9.6 %         10958       AAA       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.61       ± 9.6 %         10959       AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.33       ± 9.6 %         10960       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.32       ± 9.6 %         10961       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.36       ± 9.6 %         10962       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40       ± 9.6 %         10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10964       AAC       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR	10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD		± 9.6 %
10958       AAA       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.61       ± 9.6 %         10959       AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.33       ± 9.6 %         10960       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.32       ± 9.6 %         10961       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.36       ± 9.6 %         10962       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40       ± 9.6 %         10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10964       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.29       ± 9.6 %         10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR (	10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD		
10959       AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.33       ± 9.6 %         10960       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.32       ± 9.6 %         10961       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.36       ± 9.6 %         10962       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40       ± 9.6 %         10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40       ± 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       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10967       AAB       5G NR (CP	10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	
10960       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.32       ± 9.6 %         10961       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.36       ± 9.6 %         10962       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40       ± 9.6 %         10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10964       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.29       ± 9.6 %         10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (CP-OF	10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)			1
10961       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.36       ± 9.6 %         10962       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40       ± 9.6 %         10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10964       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.29       ± 9.6 %         10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10969       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       9.49       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10973       AAB       5G NR (CP-OFDM, 1	10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)			+
10962       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40       ± 9.6 %         10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10964       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.29       ± 9.6 %         10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR	10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)			
10963       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10964       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.29       ± 9.6 %         10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.49       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, T 8B, 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       10.28       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       2.23       ± 9.6 %         10980       AAA       ULLA HDR9       ULLA       1.50       <	10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)			
10964       AAC       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.29       ± 9.6 %         10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.49       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR8       ULLA       1.50       ± 9.6 %         10981       AAA       ULLA HDR9       ULLA       1.50       ± 9.6 %         10983 <td>10963</td> <td>AAB</td> <td>5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)</td> <td></td> <td></td> <td><del> </del></td>	10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)			<del> </del>
10965       AAB       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37       ± 9.6 %         10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.49       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       9.06       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       1.50       ± 9.6 %         10981       AAA       ULLA HDR98       ULLA       1.44       ± 9.6 %         10983       AAA       ULLA HDR98	10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)		·	<del> </del>
10966       AAB       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55       ± 9.6 %         10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.49       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       9.06       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       1.50       ± 9.6 %         10981       AAA       ULLA HDRp4       ULLA       1.50       ± 9.6 %         10983       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10984       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) <t< td=""><td>10965</td><td>AAB</td><td>5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)</td><td></td><td></td><td><del>                                     </del></td></t<>	10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)			<del>                                     </del>
10967       AAB       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.42       ± 9.6 %         10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.49       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       9.06       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       1.50       ± 9.6 %         10981       AAA       ULLA HDR98       ULLA       1.44       ± 9.6 %         10983       AAA       ULLA HDRP8       ULLA       1.44       ± 9.6 %         10984       AAA       ULLA HDRP8       ULLA       5G NR FR1 TDD       9.31       ± 9.6 %	10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)			<del></del>
10968       AAB       5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.49       ± 9.6 %         10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       9.06       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       8.82       ± 9.6 %         10981       AAA       ULLA HDR94       ULLA       1.50       ± 9.6 %         10982       AAA       ULLA HDR98       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %	10967	AAB		**		
10972       AAB       5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 TDD       11.59       ± 9.6 %         10973       AAB       5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       9.06       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       8.82       ± 9.6 %         10981       AAA       ULLA HDRp4       ULLA       1.50       ± 9.6 %         10982       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %		AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)			
10973       AAB       5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       9.06       ± 9.6 %         10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       8.82       ± 9.6 %         10981       AAA       ULLA HDR94       ULLA       1.50       ± 9.6 %         10982       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %		AAB				1
10974       AAB       5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)       5G NR FR1 TDD       10.28       ± 9.6 %         10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       8.82       ± 9.6 %         10981       AAA       ULLA HDRp4       ULLA       1.50       ± 9.6 %         10982       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %		AAB				<del> </del>
10978       AAA       ULLA BDR       ULLA       2.23       ± 9.6 %         10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       8.82       ± 9.6 %         10981       AAA       ULLA HDRp4       ULLA       1.50       ± 9.6 %         10982       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %		AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)			
10979       AAA       ULLA HDR4       ULLA       7.02       ± 9.6 %         10980       AAA       ULLA HDR8       ULLA       8.82       ± 9.6 %         10981       AAA       ULLA HDRp4       ULLA       1.50       ± 9.6 %         10982       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %			ULLA BDR		2.23	
10980       AAA       ULLA HDR8       ULLA       8.82       ± 9.6 %         10981       AAA       ULLA HDRp4       ULLA       1.50       ± 9.6 %         10982       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %			ULLA HDR4	ULLA		
10982       AAA       ULLA HDRp8       ULLA       1.44       ± 9.6 %         10983       AAA       5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.31       ± 9.6 %				ULLA	8.82	± 9.6 %
10983 AAA 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.31 ± 9.6 %				ULLA	1.50	± 9.6 %
40004 AAA 50 ND DI (00 0000)				ULLA	1.44	± 9.6 %
10984   AAA   5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.42 ± 9.6 %				5G NR FR1 TDD	9.31	± 9.6 %
	[ 10984 ]	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	± 9.6 %

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10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6 %
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6 %
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	± 9.6 %
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	± 9.6 %
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6 %
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 9.6 %

<sup>&</sup>lt;sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.