#### Appendix (Additional assessments outside the scope of SCS 0108)

#### Antenna Parameters with Head TSL

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

#### General Antenna Parameters and Design

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

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

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

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

#### **Additional EUT Data**

Manufactured by	SPEAG

Certificate No: D3700V2-1017\_Aug21 Page 4 of 6

#### **DASY5 Validation Report for Head TSL**

Date: 19.08.2021

Test Laboratory: SPEAG, Zurich, Switzerland

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

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

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

Phantom section: Flat Section

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

#### DASY52 Configuration:

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

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

• Electronics: DAE4 Sn601; Calibrated: 02.11.2020

Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001

DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

#### Dipole Calibration for Head Tissue/Pin=100 mW, d=10mm, f=3700MHz/Zoom Scan,

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

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

Peak SAR (extrapolated) = 19.1 W/kg

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

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

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

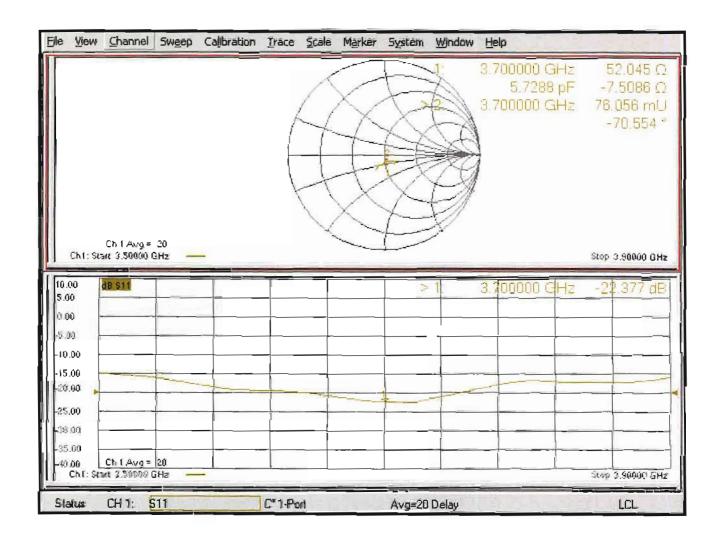
Maximum value of SAR (measured) = 13.0 W/kg



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

Certificate No: D3700V2-1017\_Aug21

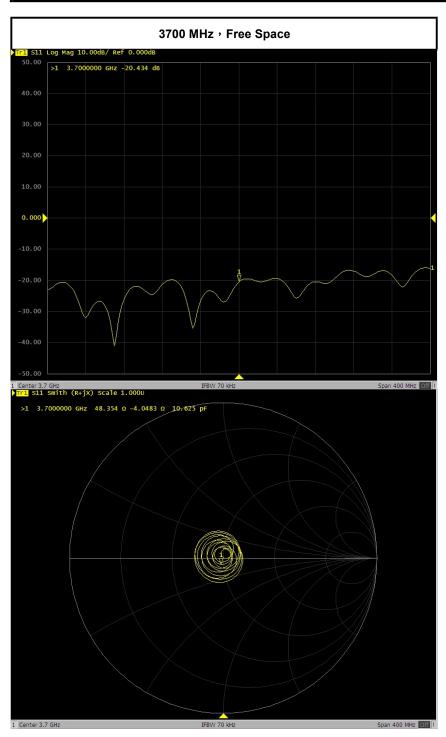
## Impedance Measurement Plot for Head TSL





# **Annual Confirmation of SAR Reference Dipole**

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



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Client

**B.V. ADT (Auden)** 

Certificate No: D5GHzV2-1019 Mar21

# **CALIBRATION CERTIFICATE**

Object D5GHzV2 - SN:1019

Calibration procedure(s) QA CAL-22.v6

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

March 19, 2021

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

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

Calibration Equipment used (M&TE critical for calibration)

I	i .		
Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: BH9394 (20k)	31-Mar-20 (No. 217-03106)	Apr-21
Type-N mismatch combination	SN: 310982 / 06327	31-Mar-20 (No. 217-03104)	Apr-21
Reference Probe EX3DV4	SN: 3503	30-Dec-20 (No. EX3-3503_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
	55		
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21
	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
			(41)
			46
Approved by:	Katja Pokovic	Technical Manager	1101
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Issued: March 19, 2021

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

Certificate No: D5GHzV2-1019\_Mar21

Report No.: SFBFLF-WTW-P22110085

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#### **Calibration Laboratory of**

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#### Glossary:

TSL

tissue simulating liquid

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

not applicable of flot floadarda

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

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

#### **Additional Documentation:**

e) DASY4/5 System Handbook

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

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed
  point exactly below the center marking of the flat phantom section, with the arms oriented
  parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole
  positioned under the liquid filled phantom. The impedance stated is transformed from the
  measurement at the SMA connector to the feed point. The Return Loss ensures low
  reflected power. No uncertainty required.
- Electrical Delay: One-way delay between the SMA connector and the antenna feed point.
   No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Certificate No: D5GHzV2-1019\_Mar21 Page 2 of 8

#### **Measurement Conditions**

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

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

## Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.7 ± 6 %	4.51 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	<b>4344</b> ).	MARKES.

#### SAR result with Head TSL at 5250 MHz

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

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

#### **Head TSL parameters at 5600 MHz**

The following parameters and calculations were applied.

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

#### SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	82.4 W/kg ± 19.9 % (k=2)

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

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

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

# SAR result with Head TSL at 5750 MHz

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

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

Certificate No: D5GHzV2-1019\_Mar21

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#### Appendix (Additional assessments outside the scope of SCS 0108)

#### Antenna Parameters with Head TSL at 5250 MHz

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

#### Antenna Parameters with Head TSL at 5600 MHz

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

#### Antenna Parameters with Head TSL at 5750 MHz

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

#### **General Antenna Parameters and Design**

Electrical Delay (one direction)	1.203 ns

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

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

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

#### **Additional EUT Data**

Manufactured by	SPEAG

Certificate No: D5GHzV2-1019\_Mar21

#### **DASY5 Validation Report for Head TSL**

Date: 19.03.2021

Test Laboratory: SPEAG, Zurich, Switzerland

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

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

Medium parameters used: f = 5250 MHz;  $\sigma = 4.51$  S/m;  $\epsilon_r = 34.7$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used: f = 5600 MHz;  $\sigma = 4.86$  S/m;  $\epsilon_r = 34.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used: f = 5750 MHz;  $\sigma = 5.01$  S/m;  $\epsilon_r = 34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

#### DASY52 Configuration:

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

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

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

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

Peak SAR (extrapolated) = 27.6 W/kg

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

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

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

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

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

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

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

Peak SAR (extrapolated) = 31.0 W/kg

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

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

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

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

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Certificate No: D5GHzV2-1019\_Mar21

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

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

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

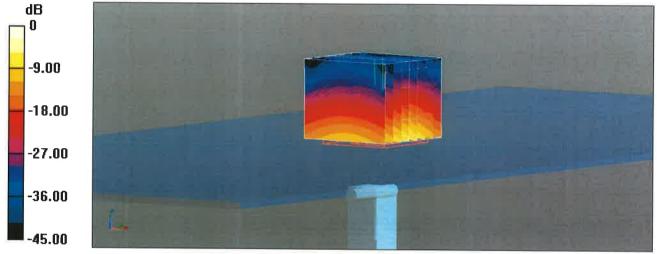
Peak SAR (extrapolated) = 31.6 W/kg

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

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

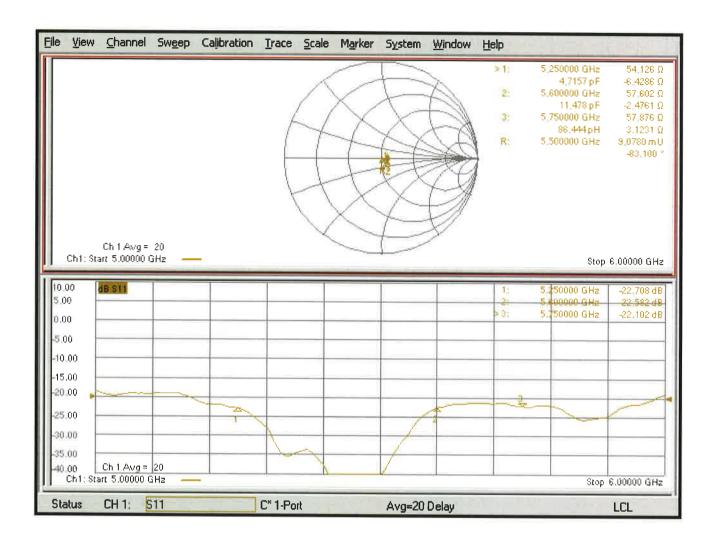
Ratio of SAR at M2 to SAR at M1 = 65%

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



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

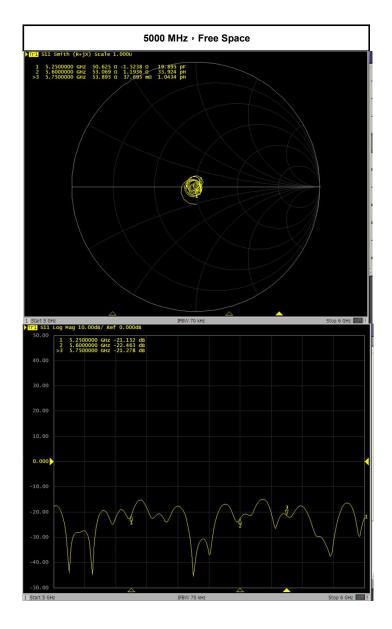
#### Impedance Measurement Plot for Head TSL





## **Annual Confirmation of SAR Reference Dipole**

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



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Client

B.V. ADT (Auden)

Certificate No: EX3-3971\_Jan22

#### CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:3971

Calibration procedure(s)

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

Calibration procedure for dosimetric E-field probes

Calibration date:

January 25, 2022

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

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

Calibration Equipment used (M&TE critical for calibration)

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

Name Function Signature

Leif Klysner Laboratory Technician

Approved by: Sven Kühn Deputy Manager

Issued: February 1, 2022

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Glossary:

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

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

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

Polarization φ

φ rotation around probe axis

Polarization 9

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

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

Connector Angle

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

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

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

#### Methods Applied and Interpretation of Parameters:

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

Certificate No: EX3-3971\_Jan22 Page 2 of 23

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

#### **Basic Calibration Parameters**

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

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	X	0.00	0.00	1.00	0.00	132.6	± 3.8 %	± 4.7 %
		Y	0.00	0.00	1.00		139.6		
		Z	0.00	0.00	1.00		144.7		
10352-	Pulse Waveform (200Hz, 10%)	X	6.47	76.37	15.24	10.00	60.0	± 4.1 %	± 9.6 %
AAA		Y	84.00	108.00	25.00		60.0		
		Z	20.00	92.12	20.92		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	88.61	17.68	6.99	80.0	± 2.4 %	± 9.6 %
AAA	,	Y	20.00	93.20	20.53		80.0		
		Z	20.00	94.01	20.91		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	90.87	17.27	3.98	95.0	± 1.3 %	± 9.6 %
AAA		Y	20.00	96.62	20.67		95.0		
		Z	20.00	99.28	22.18		95.0		
10355-	55- Pulse Waveform (200Hz, 60%)	X	20.00	96.70	18.63	2.22	120.0	± 1.2 %	± 9.6 %
AAA		Y	20.00	99.05	20.38	1	120.0	1	
		Z	20.00	106.51	24.16	1	120.0	1	
10387-	QPSK Waveform, 1 MHz	X	1.96	70.97	17.28	1.00	150.0	± 2.7 %	± 9.6 %
AAA		Y	1.58	64.72	14.19		150.0	1	
		Z	1.73	66.54	15.35		150.0	1	
10388-	QPSK Waveform, 10 MHz	X	2.43	70.64	17.44	0.00	150.0	± 0.8 %	± 9.6 %
AAA		Y	2.08	66.70	14.90		150.0	1	
		Z	2.33	68.74	16.11	1	150.0	1	
10396-	64-QAM Waveform, 100 kHz	X	2.78	71.56	19.69	3.01	150.0	± 0.9 %	± 9.6 %
AAA		Υ	3.10	71.27	19.02		150.0	1	
		Z	3.12	71.37	19.23		150.0	]	
10399-	64-QAM Waveform, 40 MHz	X	3.58	67.93	16.50	0.00	150.0	± 1.9 %	± 9.6 %
AAA		Υ	3.41	66.49	15.35		150.0		
		Z	3.58	67.43	15.98		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	Х	4.80	66.01	15.98	0.00	150.0	± 3.8 %	± 9.6 %
AAA		Υ	4.82	65.29	15.28		150.0		
		Z	4.94	65.80	15.67		150.0		

Note: For details on UID parameters see Appendix

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

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<sup>&</sup>lt;sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

B Numerical linearization parameter: uncertainty not required.

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

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

#### **Sensor Model Parameters**

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

#### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	-109
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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

#### Calibration Parameter Determined in Head Tissue Simulating Media

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

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

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

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

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

#### Calibration Parameter Determined in Head Tissue Simulating Media

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

<sup>&</sup>lt;sup>c</sup> Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

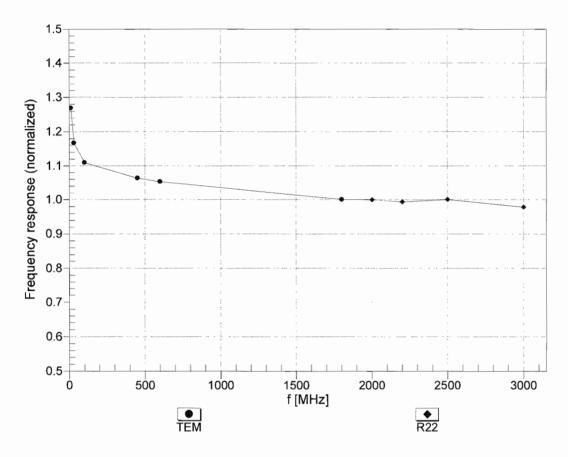
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F At frequencies 6-10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured

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

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

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

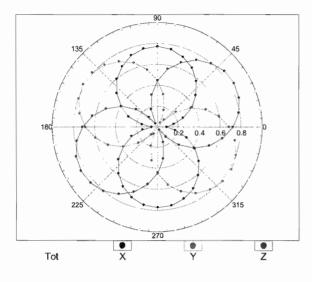


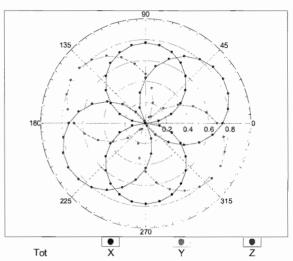
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

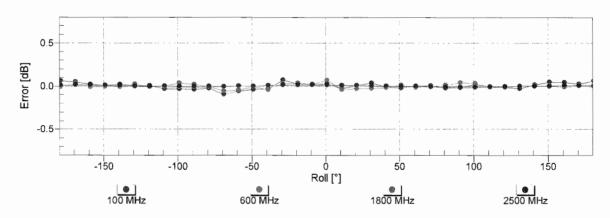
# Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$

f=600 MHz,TEM

f=1800 MHz,R22

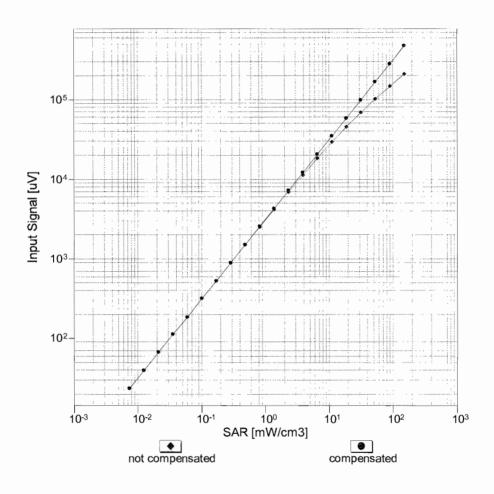


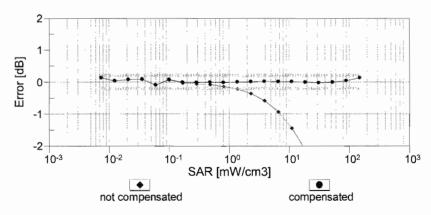




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

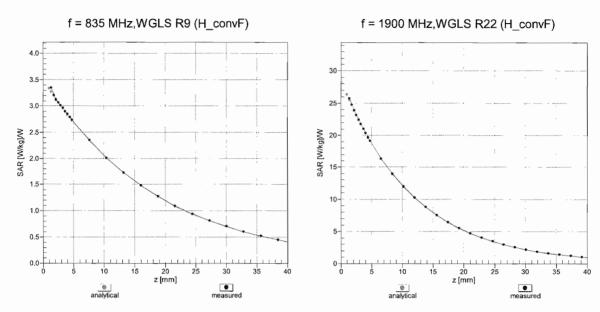
# Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)



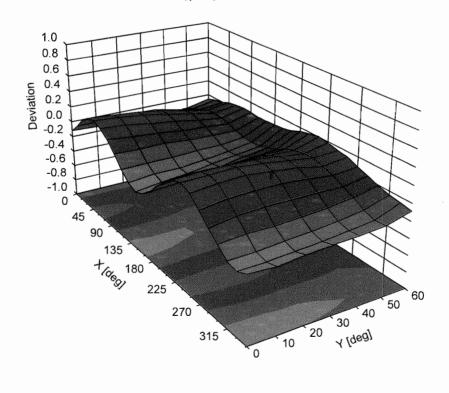


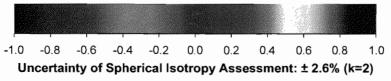
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

# **Conversion Factor Assessment**



# Deviation from Isotropy in Liquid Error $(\phi, \vartheta)$ , f = 900 MHz





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**Appendix: Modulation Calibration Parameters** 

UID	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 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10033	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1.3 Mbps)	WLAN	3.60	± 9.6 %
10061	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10064		IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
		IEEE 802.11a/h WiFi 5 GHz (OFDM, 16 Mbps)			± 9.6 %
10066	CAD		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)  IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN WLAN	10.24	± 9.6 %
10069	CAD	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)		_	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB		WLAN WLAN	9.02	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)			
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %

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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	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 6.52	± 9.6 %
10176		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)  LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10177	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)  LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD 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 10180	_	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10101	JOAL	2.2.55 (50 ) 5mm ( 116, 10 mm2, or 50)		J 0.10	

10182       CAE       LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)       LTE-FDD         10183       AAD       LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)       LTE-FDD         10184       CAE       LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)       LTE-FDD         10185       CAE       LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)       LTE-FDD         10186       AAE       LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)       LTE-FDD         10187       CAF       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)       LTE-FDD         10188       CAF       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)       LTE-FDD         10189       AAF       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       LTE-FDD	6.50 ± 9.6 % 5.73 ± 9.6 % 6.51 ± 9.6 % 6.50 ± 9.6 % 5.73 ± 9.6 %
10184         CAE         LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)         LTE-FDD           10185         CAE         LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)         LTE-FDD           10186         AAE         LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         LTE-FDD           10187         CAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         LTE-FDD           10188         CAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)         LTE-FDD           10189         AAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)         LTE-FDD	5.73 ± 9.6 % 6.51 ± 9.6 % 6.50 ± 9.6 % 5.73 ± 9.6 %
10185       CAE       LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)       LTE-FDD         10186       AAE       LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)       LTE-FDD         10187       CAF       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)       LTE-FDD         10188       CAF       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)       LTE-FDD         10189       AAF       LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       LTE-FDD	6.51 ± 9.6 % 6.50 ± 9.6 % 5.73 ± 9.6 %
10186         AAE         LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         LTE-FDD           10187         CAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         LTE-FDD           10188         CAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)         LTE-FDD           10189         AAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)         LTE-FDD	6.50 ± 9.6 % 5.73 ± 9.6 %
10187         CAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         LTE-FDD           10188         CAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)         LTE-FDD           10189         AAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)         LTE-FDD	5.73 ± 9.6 %
10188         CAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)         LTE-FDD           10189         AAF         LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)         LTE-FDD	
10189 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD	6.52 ± 9.6 %
10103 CAD JEEE 803 11p (HT Groopfield & 5 Mbps BDCV)	$6.50 \pm 9.6 \%$
10193   CAD   IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)   WLAN	8.09 ± 9.6 %
10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN	8.12 ± 9.6 %
10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN	8.21 ± 9.6 %
10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN	8.10 ± 9.6 %
10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN	8.13 ± 9.6 %
10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN	8.27 ± 9.6 %
10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN	8.03 ± 9.6 %
10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN	8.13 ± 9.6 %
10221 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN	8.27 ± 9.6 %
10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN	8.06 ± 9.6 %
10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN	8.48 ± 9.6 %
10224 CAD IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) WLAN	8.08 ± 9.6 %
10225 CAB UMTS-FDD (HSPA+) WCDMA	
10226 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD	
10227 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD	
10228 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD	
10229 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD	
10230 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD	
10231 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-TDD	
10232 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD	
10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD	
10234 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-TDD	
10235 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD	
10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD	
10237 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-TDD	
10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD	
10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD	
10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD	
10242   CAB   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   LTE-TDD	
10246   CAD   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   LTE-TDD	
10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   LTE-TDD (10251   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10	
10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD	
10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD	
10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD	
10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD	_
10256 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD	
10257 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD	
10258 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD	
10259 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD	
10260   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD	9.97 ± 9.6 %

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

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

10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491_	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE_	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAC	IEEE 802.11a/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/n 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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10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %

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

10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	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, 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	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 <u>%</u>
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	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 %

10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD_	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %

10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
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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	7001	occition po	32271		

<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.

Certificate No: EX3-3971\_Jan22

#### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Cilent

B.V. ADT (Auden)

Certificate No

EX-7554\_Jul22/2

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

Object

EX3DV4 - SN:7554

Calibration procedure(s)

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

**QA CAL-25.v7** 

Calibration procedure for dosimetric E-field probes

Calibration date

July 28, 2022

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	1D	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-21 (OCP-DAK3.5-1249_Oct21)	Oct-22
OCP DAK-12	SN: 1016	20-Oct-21 (OCP-DAK12-1016_Oct21)	Oct-22
Reference 20 dB Attenuator	SN: CC2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAE4	SN: 860	13-Oct-21 (No. DAE4-650_Oct21)	Oct-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013 Dec21)	Dec-22

Secondary Standards	IĎ	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (In house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (In house check Jun-22)	in house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (In house check Oct-20)	in house check: Oct-22

Name

**Function** 

Signature

Callbrated by

Lelf Klysner

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: November 11, 2022

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

Certificate No: EX-7554\_Jul22/2

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Multilateral Agreement for the recognition of calibration certificates

#### Glossary

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

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

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

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

normal to probe axis

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

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

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

#### Methods Applied and Interpretation of Parameters:

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

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#### Parameters of Probe: EX3DV4 - SN:7554

#### **Basic Calibration Parameters**

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

#### Calibration Results for Modulation Response

CW		dΒ	dΒ√μV		ďΒ			
CW			v ·		ab .	m۷	dev.	Unc <sup>£</sup>
CW								k = 2
	X	0.00	0.00	1.00	0.00	167.5	±2.5%	±4.7%
	Y	0.00	0.00	1.00		169.0		
	Z	0.00	0.00	1.00		160.7		
Pulse Waveform (200Hz, 10%)	X	20.00	90.08	20.26	10.00	60.0	±3.6%	±9.6%
	Y	20.00	89.84	19,86		60.0		
	Z	20.00	88.13	18.82		60.0		
Pulse Waveform (200Hz, 20%)	X	20.00	90.19	19.55	6.99	80.0	±1.9%	±9.6%
, ,	Y	20.00	89.79	18.90		80.0		
	Z	20.00	88.12	17.91		80.0		
Pulse Waveform (200Hz, 40%)	X	20.00	92.62	19.64	3.98	95.0	±0.7%	±9.6%
	Y	20.00	90.48	18.01		95.0		
	Z	20.00	89.58	17.49		95.0		
Pulse Waveform (200Hz, 60%)	X	20.00	96.51	20.32	2.22	120.0	±0.8%	±9.6%
,	Y	20.00	90.11	16.63		120.0		
	Z	20.00	91.54	17.36		120.0		
QPSK Waveform, 1 MHz	X	1.73	66.41	15.28	1.00	150.0	±2.6%	±9.6%
	Y	1.51	64.08	13.55		150.0		
	Ž	1,55	64.66	13.98		150.0		
QPSK Waveform, 10 MHz	X	2.33	68.63	16.03	0.00	150.0	±1.0%	±9.6%
·	TY	2.00	65.91	14.30		150.0		
	Ž	2.04	66.32	14.71		150.0		
64-QAM Wavelorm, 100 kHz	X	3.24			3.01		±0.7%	±9.6%
•	Ŷ	2.84						
	Z				\			
64-QAM Waveform, 40 MHz				15.92	0.00		±2.1%	±9.6%
•	Y	3.37	66.18	15.08	1	150.0		
	2	3.38	66.32	15.26	1	150.0	1	
WLAN CCDF, 64-QAM, 40 MHz	Х	4.94			0.00		±4.2%	±9.6%
,	Υ					150.0		
	Z	4.77		15.23		150.0		
	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)  QPSK Waveform, 1 MHz  QPSK Waveform, 10 MHz	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)  X Y Z Pulse Waveform (200Hz, 60%)  X Y Z QPSK Waveform, 1 MHz  X Y Z G4-QAM Waveform, 10 MHz  X Y Z 84-QAM Waveform, 40 MHz  X Y Z WLAN CCDF, 84-QAM, 40 MHz X Y	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)  Pulse Waveform (200Hz, 60%)  Pulse Waveform (200Hz, 60%)  Pulse Waveform (200Hz, 60%)  X 20.00  Y 20.00  Z 20.00  Z 20.00  QPSK Waveform, 1 MHz  X 1.73  Y 1.51  Z 1.55  QPSK Waveform, 10 MHz  X 2.33  Y 2.00  Z 2.04  64-QAM Waveform, 100 kHz  X 3.24  Y 2.84  Z 2.91  84-QAM Waveform, 40 MHz  X 3.37  Z 3.38  WLAN CCDF, 84-QAM, 40 MHz  X 4.94  Y 4.80	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)  Pulse Waveform (200Hz, 60%)  Pulse Waveform (200Hz, 60%)  Pulse Waveform (200Hz, 60%)  X 20.00 92.62  Y 20.00 99.48  Z 20.00 99.51  Y 20.00 90.11  Z 20.00 91.54  QPSK Waveform, 1 MHz  X 1.73 66.41  Y 1.51 64.08  Z 1.55 64.66  QPSK Waveform, 10 MHz  X 2.33 68.63  Y 2.00 65.91  Z 2.04 66.32  64-QAM Waveform, 100 kHz  X 3.24 72.10  Y 2.84 69.31  Z 2.91 70.80  64-QAM Waveform, 40 MHz  X 3.37 66.18  Z 3.38 66.32  WLAN CCDF, 84-QAM, 40 MHz  X 4.94 65.79  Y 4.80 65.18	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)  X 20.00 90.48 18.01  Z 20.00 90.48 18.01  Z 20.00 90.11 16.63  Z 20.00 91.54 17.36  QPSK Waveform, 1 MHz  X 1.73 66.41 15.28  Y 1.51 64.08 13.55  Z 1.55 64.66 13.98  QPSK Waveform, 10 MHz  X 2.33 68.63 18.03  Y 2.00 65.91 14.30  Z 2.04 66.32 14.71  64-QAM Waveform, 100 kHz  X 3.24 72.10 19.69  Y 2.84 69.31 18.13  Z 2.91 70.80 19.09  64-QAM Waveform, 40 MHz  X 3.56 67.36 15.92  Y 3.37 66.18 15.08  Z 3.38 66.32 15.26  WLAN CCDF, 64-QAM, 40 MHz  X 4.94 65.79 15.64  Y 4.80 65.18 15.17	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 20%)  X 20.00 90.19 19.55 6.99  X 20.00 88.12 17.91  Pulse Waveform (200Hz, 40%)  X 20.00 92.62 19.64 3.98  Y 20.00 89.58 17.49  Pulse Waveform (200Hz, 60%)  X 20.00 90.48 18.01  Z 20.00 89.58 17.49  Pulse Waveform (200Hz, 60%)  X 20.00 96.51 20.32 2.22  Y 20.00 91.51 16.63  Z 20.00 91.54 17.36  QPSK Waveform, 1 MHz  X 1.73 66.41 15.28 1.00  Y 1.51 64.08 13.55  Z 1.55 64.66 13.98  QPSK Waveform, 10 MHz  X 2.33 68.63 18.03  QPSK Waveform, 100 kHz  X 3.24 72.10 19.69  Y 2.84 69.31 18.13  Z 2.91 70.80 19.09  64-QAM Waveform, 40 MHz  X 3.37 66.18 15.08  Z 3.38 66.32 15.26  WLAN CCDF, 84-QAM, 40 MHz  X 4.94 65.79 15.64 0.00  Y 4.80 65.18 15.17	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (	Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 20%)  Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)  X 20.00 90.48 18.01 95.0 95.0  Z 20.00 90.48 18.01 95.0 95.0  Pulse Waveform (200Hz, 60%)  X 20.00 90.51 20.32 2.22 120.0 120.0 120.0  Y 20.00 90.11 18.63 120.0 120.0 120.0  Pulse Waveform, 1 MHz  X 1.73 66.41 15.28 1.00 150.0 150

Note: For details on UID parameters see Appendix

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

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

B Linearization parameter uncertainty for maximum specified field strength.

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

#### Parameters of Probe: EX3DV4 - SN:7554

#### Sensor Model Parameters

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

#### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-133.3°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tlp Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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#### Parameters of Probe: EX3DV4 - SN:7554

#### Calibration Parameter Determined in Head Tissue Simulating Media

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

<sup>&</sup>lt;sup>C</sup> Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 90, 84, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-6 MHz, and CorwF assessed at 13 MHz is 9-18 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

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

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

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

#### Parameters of Probe: EX3DV4 - SN:7554

#### Calibration Parameter Determined in Head Tissue Simulating Media

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

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

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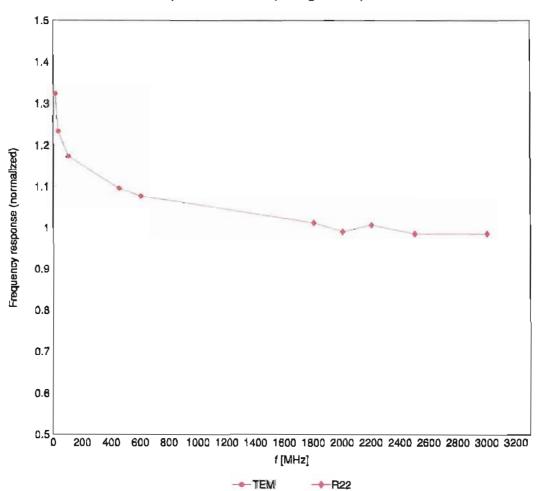
frequency and the uncertainty for the indicated frequency band.

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

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

### Frequency Response of E-Field

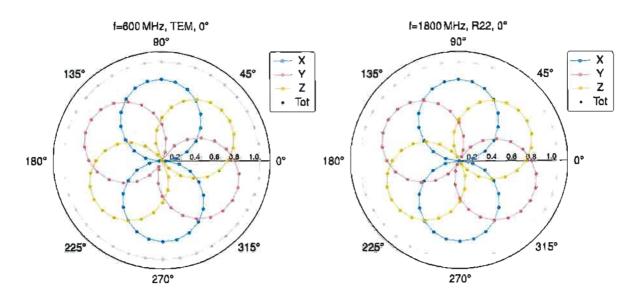
(TEM-Cell:iff110 EXX, Wavegulde:R22)

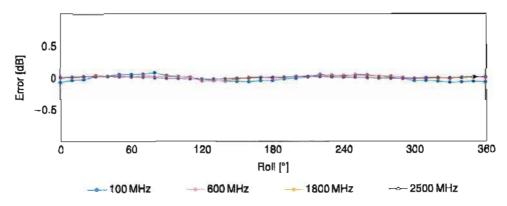


Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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

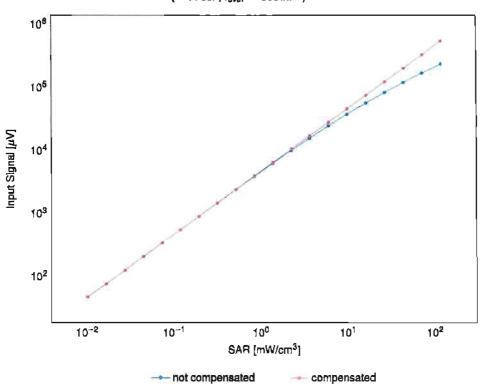


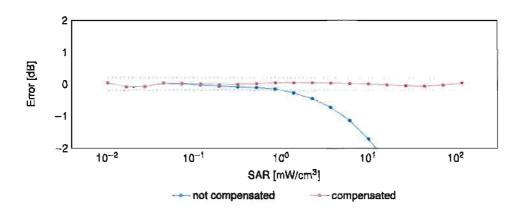


Uncertainty of Axiai Isotropy Assessment:  $\pm 0.5\%$  (k=2)

## Dynamic Range $f(SAR_{head})$

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



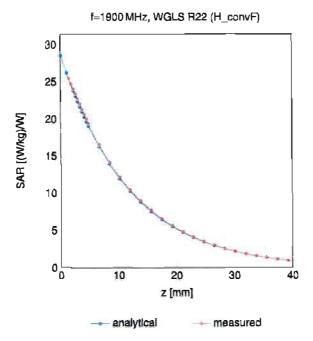


Uncertainty of Linearity Assessment: ±0.6% (k=2)

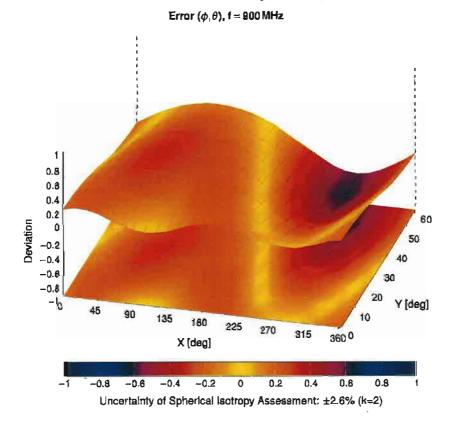
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#### **Conversion Factor Assessment**



## **Deviation from Isotropy in Liquid**



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# **Appendix: Modulation Calibration Parameters**

UID	Rev	Comparing Conton Name	Charles	DAR (JD)	Uno $E k = 2$
010	nev	Communication System Name CW	Group CW	0.00	±4.7
	CAB				
10010	CAB	SAA Validation (Squere, 100 ms, 10 ms) UMTS-FDD (WCDMA)	WCDMA	2,91	±9.6
10011		` '			
	CAB	IEEE 802.11b WiF1 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)		9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9,57	±9.8
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	8.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.5
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	QSM	9.65	±9.5
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	£9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	8.e±
10030	CAA	IEEE 802.15.1 Bluelooth (GFSK, DH1)	Bluelooth	5.30	±9.8
10031	CAA	IEEE 802.15.1 Bluelooth (GFSK, DH3)	Bluetooth	1.87	±9.8
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetosth	1,18	±9.6
10033	CAA	IEEE 802.15.1 Bluelooth (PI/4-DQPSK, DH1)	Bluetooth	7,74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Sluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3,83	±9.8
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluelooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
1003B	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	±9.8
10048	CAA	DECT (TDD, TDMA/FDM, GF8K, Full Sto), 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10058	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11,01	±9.8
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.115 WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	(EEE 602.116 WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.8
10062	CAD	IEEE 802.11a/h WiFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10083	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10084	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10085	CAD	IEEE 802.11a/h WiFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 38 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	1EEE 802.11a/h WiFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.8
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802,11g WiFi 2,4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10,77	±9.6
10078	ÇAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB		WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xATT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.8
10097	ÇAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10097	CAC	UMTS-FDD (HSUPA, Sublest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDO	5.67	19.6
10101	CAF	LTE-FOD (SC-FOMA, 100% RB, 20 MHz, 18-QAM)	LTE-FOD	8,42	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FOD	8.60	±9.6
10102	CAP	LTE-FOD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDO	9.29	±9.6
	_		LTE-TOD	9.23	±9.6
10104	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)			±9.8
10105	CAH		LTE-TDD	10.01	±9,6
10108	CAH		LTE-FDD	5.80	±9.6
10109	CAH		LTE-FDD	6.43	_,
10110	CAH		LTE-FOD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5:MHz, 16-QAM)	₹7E-FÐD	6.44	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Uno <sup>E</sup> k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	5.59	±9.6
10113	CAH	LTE-FOD (SC-FOMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	£9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mops, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-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	±9.8
10118	CAD	IEEE 802,11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	£9.8
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 84-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	8,49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	8.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FOD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9,8
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.8
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FOD	5.76	±9.6
10146	CAG	LTE-FDO (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FOD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FOO	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10160	CAF	LTE-FDO (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FOD	6.60	±9.6
10151	CAH	LTE-TDO (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	9.92	±9.8
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TD0	10.05	±9.5
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FOD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FOO	8.43	±9.6
10156	CAH	LTE-FOD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDO	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.8
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FOD	0.56	±9.6
10160	CAF	LTE-FDD (8C-FDMA, 60% R8, 15 MHz, QPSK)	LTE-FOD	5,82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 18-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (8C-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.48	±9.6
10167	CAG	LTE-FDD (8C-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDO	8.21	±9.8
10168	CAG	LTE-FOD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM)	LTE-FDD	8.79	±9.6
10159	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FOD	5.73	±9.8
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FOD	6.52	±9.8
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FOD	8,49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TOO	9,21	±9.6
10173	CAH	LTE-TOD (SC-FOMA, 1 RB, 20 MHz, 18-QAM)	LTE-TOD	9.48	±9.6
10174	CAH	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FOO	8.62	≐9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5MHz, OPSK)	LTE-FDD	5.73	±9.8
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	8.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 84-QAM)	LTE-FDD	6.50	¥9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM)	LTE-FDD	6.52	±9.8
10183	AAE	LTE-FDO (SC-FDMA, 1 RB, 15 MHz, 84-QAM)	LTE-FDO	8.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FDD	5.73	19.6
10185	CAF	LTE-FOD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FOD	6.50	±9.6
10187	CAG	1 1 1 1 1	LTE-FD0	5.73	±9.6
10188	CAG	,	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FOD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenlield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 18-QAM)	WLAN	8.12	±9.8
10 195	CAD	IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.21	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAD	IEEE 802,11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8,27	±9.6
10219	CAD	(EEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802,11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
	CAD	₹EEE 802.11π (HT Mixed, 72.2 Mbps, 84-QAM)	WLAN	8.27	±9.8
10221		IEEE 802.11n (HT Mixed, 16 Mbps, BPSK)	WLAN	8.06	±9.6
10222	CAD			_	
	CAD CAD		WLAN	8.48	±9.8 ±9.8

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UID   Rev   Communication System Name   Group   PAR (dB)   10225   CAC   UMTS-FDD (HSPA+)   WCDMA   5.97   10226   CAC   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 18-QAM)   LTE-TDD   9.49   LTE-TDD   10.28   10227   CAC   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)   LTE-TDD   10.28   10228   CAC   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)   LTE-TDD   9.22   10229   CAE   LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)   LTE-TDD   9.48   10230   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-TDD   10.25   10231   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0PSK)   LTE-TDD   9.19   10232   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TDD   9.48   10233   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TDD   10.25   10234   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)   LTE-TDD   9.21   10235   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 18-QMM)   LTE-TDD   9.21   10235   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.48   10236   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.21   10237   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.21   10238   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-QPSK)   LTE-TDD   9.28   10239   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-QPSK)   LTE-TDD   9.21   10240   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-QPSK)   LTE-TDD   9.21   10241   CAC   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-QPSK)   LTE-TDD   9.22   10241   CAC   LTE-TDD (SC-FDMA, 1 SM, 15 MHz, 16-QAM)   LTE-TDD   9.24   10240   CAC   LTE-TDD (SC-FDMA, 1 SM, 15 MHz, 16-QAM)   LTE-TDD   9.24   10240   CAC   LTE-TDD (SC-FDMA, 1 SM, 15 MHz, 16-QAM)   LTE-TDD   9.26   10240   CAC   LTE-TDD (SC-FDMA, 1 SM, 15 MHz, 16-QAM)   LTE-TDD   9.86   10244   CAC   LTE-TDD (SC-FDMA, 1 SM, 15 MHz, 16-QAM)   LTE-TDD   9.86   10244   CAC   LTE-TDD (SC-FDMA, 1 SM, 15 MHz, 16-QAM)   LTE-TDD   9.86   10244   CAC   LTE-TDD (SC-FDMA, 1 SM, 14 MHz, 16-QAM)   LTE-TDD   9.48   10244   CAC   LTE-TDD (SC-FDMA, 1 SM, 14 MHz, 16-QAM)   LTE-TDD   9.48   10244   CAE   LTE-TDD (SC-FDMA, 1 SM, 14 MHz, 16-QAM)   LTE-TDD   9.48   10244   CAE   LTE-TDD (SC-FDM	Line k = 2 ±9.6
10226   CAC   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 18-QAM)   LTE-TDD   9.49     10227   CAC   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)   LTE-TDD   10.28     10228   CAC   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)   LTE-TDD   9.22     10229   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-TDD   9.48     10230   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 84-QAM)   LTE-TDD   10.25     10231   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-TDD   9.19     10232   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TDD   9.48     10233   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-TDD   10.26     10234   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.48     10235   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   9.48     10236   CAH   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   10.25     10237   CAH   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.21     10238   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.21     10239   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.21     10240   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.48     10241   CAC   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.82     10242   CAC   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.82     10243   CAC   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.82     10242   CAC   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.86     10243   CAC   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G4-QAM)   LTE-TDD   9.86     10243   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.88     10244   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.88     10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.88     10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.48     10247   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.48     10248   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.48	#8.6 ±9.6
10227   CAC   LTE-TDD   (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM)   LTE-TDD   10.28     10228   CAC   LTE-TDD   (SC-FDMA, 1 RB, 1.4 MHz, QPSK)   LTE-TDD   9.22     10229   CAE   LTE-TDD   (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-TDD   9.48     10230   CAE   LTE-TDD   (SC-FDMA, 1 RB, 3 MHz, 84-QAM)   LTE-TDD   10.25     10231   CAE   LTE-TDD   (SC-FDMA, 1 RB, 3 MHz, QPSK)   LTE-TDD   9.19     10232   CAH   LTE-TDD   (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TDD   9.48     10233   CAH   LTE-TDD   (SC-FDMA, 1 RB, 5 MHz, 44-QAM)   LTE-TDD   10.25     10234   CAH   LTE-TDD   (SC-FDMA, 1 RB, 5 MHz, QPSK)   LTE-TDD   9.21     10235   CAH   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.48     10236   CAH   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   10.25     10237   CAH   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.21     10238   CAG   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.21     10239   CAG   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.26     10240   CAG   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.26     10241   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.88     10242   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.88     10243   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.88     10243   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.88     10243   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10245   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10246   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.88     10248   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10249   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10249   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8
10228   CAC   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, OPSK)   LTE-TDD   9.22     10229   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)   LTE-TDD   9.48     10230   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 84-QAM)   LTE-TDD   10.25     10231   CAE   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, OPSK)   LTE-TDD   9.19     10232   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TDD   9.48     10233   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, G4-QAM)   LTE-TDD   10.25     10234   CAH   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)   LTE-TDD   9.21     10235   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.48     10236   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   10.25     10237   CAH   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, OPSK)   LTE-TDD   9.21     10238   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   LTE-TDD   9.21     10239   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   LTE-TDD   9.21     10239   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)   LTE-TDD   9.25     10240   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)   LTE-TDD   9.26     10241   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.82     10242   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86     10243   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86     10243   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86     10243   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10243   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10244   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86     10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48     10247   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.48	±9.8 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8
10229         CAE         LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)         LTE-TDD         9.48           10230         CAE         LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         LTE-TDD         10.25           10231         CAE         LTE-TDD (SC-FDMA, 1 RB, 3 MHz, OPSK)         LTE-TDD         9.19           10232         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         LTE-TDD         9.48           10233         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)         LTE-TDD         10.25           10234         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)         LTE-TDD         9.21           10235         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)         LTE-TDD         9.48           10236         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         10.25           10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.48           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)         LTE-TDD         9.21           10240         CAG         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.82           10242         CAC	#9.5 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.5 #9.8 #9.8 #9.8 #9.6 #9.6 #9.6 #9.6
10230         CAE         LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 84-OAM)         LTE-TDD         10.25           10231         CAE         LTE-TDD (SC-FDMA, 1 RB, 3 MHz, OPSK)         LTE-TDD         9.19           10232         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         LTE-TDD         9.48           10233         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)         LTE-TDD         10.25           10234         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)         LTE-TDD         9.21           10235         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         9.48           10236         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         10.25           10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.21           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.48           10240         CAG         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.88           10243	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.5 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8
10231         CAE         LTE-TDD (SC-FDMA, 1 RB, 3 MHz, OPSK)         LTE-TDD         9.19           10232         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         LTE-TDD         9.48           10233         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         LTE-TDD         10.25           10234         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)         LTE-TDD         9.21           10235         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)         LTE-TDD         9.48           10236         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         10.25           10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.48           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.48           10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.88           10243	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.6 ±9.8
10232         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         LTE-TDD         9.48           10233         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         LTE-TDD         10.25           10234         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)         LTE-TDD         9.21           10235         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)         LTE-TDD         9.48           10236         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         10.25           10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.48           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         10.25           10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.88           10243         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.48	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8
10233         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         LTE-TDD         10.25           10234         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)         LTE-TDD         9.21           10235         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)         LTE-TDD         9.48           10236         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         10.25           10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.48           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         10.25           10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         9.21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.88           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.48	±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8
10234         CAH         LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)         LTE-TDD         9.21           10235         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)         LTE-TDD         9.48           10238         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         10.25           10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, OPSK)         LTE-TDD         9.21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.48           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         10.25           10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, OPSK)         LTE-TDD         9.21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.88           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)         LTE-TDD         9.48	19.6 19.6 19.6 19.6 19.8 19.8 19.8 19.8 19.6 19.6 19.6 19.6 19.6
10235         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-OAM)         LTE-TDD         9,48           10238         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)         LTE-TDD         10,25           10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK)         LTE-TDD         9,21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9,48           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         10,25           10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)         LTE-TDD         9,21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)         LTE-TDD         9,82           10242         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9,88           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)         LTE-TDD         9,48	±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10237         CAH         LTE-TDD (SC-FDMA, 1 RB, 10 MHz, OPSK)         LTE-TDD         9.21           10238         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)         LTE-TDD         9.48           10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         10.25           10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, OPSK)         LTE-TDD         9.21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.86           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)         LTE-TDD         9.48	±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10238   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   LTE-TDD   9.48   10239   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   10.25   10240   CAG   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.21   10241   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)   LTE-TDD   9.82   10242   CAC   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   9.48   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   9.48   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   9.48   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   9.48   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   9.48   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   9.48   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   9.48   10243   CAC   LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)   LTE-TDD   10.25   1	±9.6 ±9.8 ±9.8 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10239         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)         LTE-TDD         10.25           10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, OPSK)         LTE-TDD         9.21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.86           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)         LTE-TDD         9.48	±9.8 ±9.6 ±9.6 ±9.6 ±9.8 ±9.6 ±9.6
10240         CAG         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, OPSK)         LTE-TDD         9.21           10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.86           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)         LTE-TDD         9.48	±9.6 ±9.6 ±9.6 ±9.8 ±9.6 ±9.6
10241         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)         LTE-TDD         9.82           10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.86           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)         LTE-TDD         9.48	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10242         CAC         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)         LTE-TDD         9.86           10243         CAC         LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK)         LTE-TDD         9.48	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10243 CAC LTE-TDD (SC-FDMA, 60% RB, 1.4 MHz, QPSK) LTE-TDD 9.48	±9.6 ±9.6 ±9.6
	±9.6 ±9.6
10244 CAE LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM) LTE-TDD 10.06	±9.6
	£9.6
10245 CAE LTE-TDD (SC-FDMA, 50% RB, 3MHz, 84-QAM) LTE-TDD 10.06	
10248 CAE LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30	200
10247 CAH LTE-TDD (SC-FDMA, 60% RB, 5 MHz, 16-QAM) LTE-TDD 9.91	±9.6
10248 CAH LTE-TDD (SC-F0MA, 50% RB, 5 MHz, 84-QAM) LTE-TDD 10.09	±9.6
10249 CAH LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29	±9,8
10250 CAH LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81	±9.8
10251 CAH LTE-TDD (SC-FOMA, 50% RB, 10 MH2, 64-QAM) LTE-TDD 10.17	±9.6
10252 CAH LTE-TDD (SC-FDMA, 50% R8, 10 MHz, QPSK) LTE-TDD 9.24	±9.6
10253 CAG LTE-TOD (SC-FDMA, 50% R8, 15 MHz, 16-QAM) LTE-TOD 9.90	±9.6
10254 CAG LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM) LTE-TDD 10.14	±9.6
10255 CAG LTE-TOD (SC-FDMA, 60% AB, 15MHz, QPSK) LTE-TOD 9:20	±9.6
10256 CAC LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 10257 CAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 84-QAM) LTE-TDD 10.08	±9.6
	±9.8
10258 CAC   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)   LTE-TDD   9.34   10259   CAE   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)   LTE-TDD   9.98	±9.6
10280 CAE LTE-TOD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97	±9.8
10261 CAE LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24	±8.6
10282 CAH LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) 1TE-TDD 9.83	±9.6
10263 CAH LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM) LTE-TDD 10.16	±9.6
10284 CAH LTE-TDD (SC-FDMA, 100% RB, 5MHz, OPSK) LTE-TDD 9.23	±9.6
10285 CAH LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-TDD 9.92	±9.6
10265 CAH LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07	±9.6
10267 CAH LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.30	±9.6
10288 CAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06	±9.6
10289 CAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.13	±9.6
10270 CAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.58	±9.6
10274 CAC UMTS-FDD (HSUPA, Sublest 5, 3GPP Rel8.10) WCOMA 4.87	±9.6
10275 CAC UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA 3.98	±9.6
10277 CAA PHS (QPSK) PHS 11.81	±9.6
10278 CAA PHS (QPSK, BW 884 MHz, Raftoff 0.5) PHS 11.81	±9.6
10279 CAA PHS (QPSK, BW 884 MHz, Rolloff 0.38) PHS 12.18	±9.8
10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91	±9.6
10291 AAB CDMA2C00, RC3, SO55, Full Rate CDMA2C00 3.46	±9.6
10292 AAB CDMA2000, RC3, SO32, Full Raie CDMA2000 3.39	±9.8
10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50	±9.6
10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 tr. CDMA2000 12.49	±9.6
10297 AAE LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 6.81	±9.6
10298         AAE         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72           10299         AAE         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 18-QAM)         LTE-FDD         6.39	±9.6
	±9.6
10300 AAE LTE-FDD (SC-FDMA, 50% R8, 3 MHz, 84-QAM) LTE-FDO 6.60 10301 AAA IEEE 802,16s WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC) WIMAX 12.03	±9.6 ±9.8
10301 AAA IEEE 802.168 WIMAX (29:18, 5 ms, 10 MHz, QPSK, FUSC, 3 CTRL symbols) WIMAX 12.57	±9.8
10303 AAA IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC) WIMAX 12.52	±9.6
10304 AAA IEEE 802.16e WiMAX (29:18, 5me, 10 MHz, 840AM, PUSC) WiMAX 11.86	±9.6
10305 AAA IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WiMAX 15.24	±9.6
10308 AAA IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSG, 18 symbols) WIMAX 14.67	±9.6
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DID	Rev	Communication System Name	Group	PAR (dB)	Unc $^{\mathbf{E}} \mathbf{k} = 2$
10307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE B02.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 18QAM, AMC 2x3, 18 symbols)	WIMAX	14.5B	8.6±
10310	AAA	EEE 802.18e WIMAX (29:18, 10ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FD0	8.08	±9.8
10313	AAA	IDEN 1:3	IDEN	10.51	£9.6
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6
10315	AA8	IEEE 802.11b WiFI 2.4 GHz (DSSS, 1 Mbps, 98pc duly cycle)	WLAN	1.71	8.61
10316	AAB	IEEE 802.11g WiFt 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WIFI 5 QHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Wavelorm (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulsa Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.8
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.8
10398	AAA	84-QAM Waveform, 100 kHz	Generlo	8.27	±9.6
10399	AAA	84-DAM Waveform, 40 MHz	Qeneric	8.27	±9.8
10400	AAE	IEEE 802.1 ac WIFT (20 MHz, 84-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFI (40 MHz, 84-QAM, 99po duty cycle)	WLAN	9.60	±9.6
10402	AAE	IEEE 802.1 (ac WIFI (80 MHz, 84-QAM, 99pc duty cycle)	WLAN	B.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.78	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3,77	±9.6
10408	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.8
10410	AAH	LTE-TOD (SC-FDMA, 1 R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conl=4)	LTE-TOD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WIFT 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.8
10417	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 8 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 99pp duty cycle, Long preambule)	WŁAN	6.14	±9.8
10418	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pa duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 84-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 18-QAM)	WLAN	8.46	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 6 MHz, 8-TM 3.1)	LTE-FOD	8.28	±9.8
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FOD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FOD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.8
10434	AAB	W-CDMA (BS Test Model 1, 84 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1. Clipping 44%)	LTE-FDD	7.56	±9.8
10448	AAE	LTE-FOO (OFDMA, 16 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	GAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.8
10451	AAB	W-CDMA (8S Test Model 1, 64 DPCH, Cflpping 44%)	WCDMA	7.59	£9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
,	~~~	IEEE 802.11ac WiFI (160 MHz, 84-QAM, 99po duty cycle)	SAG ANS	0.00	±9.6
10456	AAC	ice occitae with (rooming, by coaw, sope day eyele)	WLAN	8.63	
$\overline{}$		UMTS-FDO (DC-HSDPA)	WCDMA	6.62	±9.6
10456	AAC			_	±9.6 ±9.8
10456 10467	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	
10456 10457 10458	AAC AAA	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDWA5000	6.62 6.55	±9.6
10458 10458 10459	AAC AAB AAA	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO; Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD	6.62 6.55 8.25	±9.6 ±9.6
10458 10457 10458 10459 10460 10461 10462	AAC AAB AAA AAA AAB AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO, Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)  UMTS-F0D (WCDMA, AMR)  LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA	6.62 6.55 8.25 2.39	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10458 10457 10458 10459 10460 10461 10462 10463	AAC AAB AAA AAB AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO; Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)  UMTS-F0D (WCDMA, AMR)  LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)  LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD	6.62 6.55 8.25 2.39 7.82	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10458 10457 10458 10459 10460 10461 10462 10463	AAC AAA AAA AAB AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO; Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)  UMTS-F0D (WCDMA, AMR)  LTE-TDD (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-F0MA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-F0MA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD LTE-TOD	6.62 6.55 8.25 2.39 7.82 6.30 8.56 7.82	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10458 10457 10458 10459 10460 10461 10462 10463 10464 10465	AAC AAB AAA AAB AAC AAC AAC AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO, Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)  UMTS-FD0 (WCDMA, AMR)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD	6.62 6.55 8.25 2.39 7.82 8.30 8.56	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10458 10467 10458 10459 10460 10461 10462 10463 10464 10465	AAC AAA AAA AAC AAC AAC AAC AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO, Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)  UMTS-FD0 (WCDMA, AMR)  LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 1 A MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD	6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.6
10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468	AAC AAB AAA AAB AAC AAC AAC AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO, Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)  UMTS-FD0 (WCDMA, AMR)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1 4 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)	WCDMA CDMA2000 WCDMA LTE-TOD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.6 ±9.6
10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468	AAC AAA AAA AAB AAC AAC AAC AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO; Rev. B, 2 carriers)  CDMA2000 (1xEV-DO; Rev. B, 3 carriers)  UMTS-FD0 (WCDMA, AMR)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)	WCDMA CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TDD	6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82 8.32	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.6 ±9.6
10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468 10468 10468	AAC AAB AAA AAB AAC AAC AAC AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO, Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)  UMTS-FD0 (WCDMA, AMR)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TOD LTE-TDD	6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82 8.32 8.57	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.6 ±9.6 ±9.6 ±9.6
10458 10467 10458 10459 10460 10461 10462 10463 10464 10465 10468	AAC AAA AAA AAB AAC AAC AAC AAC AAC AAC	UMTS-FD0 (DC-HSDPA)  CDMA2000 (1xEV-DO; Rev. B, 2 carriers)  CDMA2000 (1xEV-DO; Rev. B, 3 carriers)  UMTS-FD0 (WCDMA, AMR)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subirame=2,3,4,7,8,9)  LTE-TD0 (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)	WCDMA CDMA2000 WCDMA LTE-TOD LTE-TOD LTE-TDD	6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82 8.32	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.6 ±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)	LTE-TDD	8.32	±9.8
10475	AAF	LTE-TDD (SC-FDMA, 1 R8, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.8
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10 480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FOMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,71	±9.6
10483	AAD	LTE-TDD (SC-PDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)	LTE-TDD	8.47	19.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subírame=2,3,4,7,8,9)	LTE-TDD	7.59	±9.8
10486	AAG	LTE-TDD (SG-FDMA, 50% R8, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 84-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subkama=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,41	±9.6
10493	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,74	±9.6
10495	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,37	±9.5
10498	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Subirams=2,3,4,7,8,9)	LTE-TDD	8.54	±9,8
10497	AAC	LTE-TDD (SC-FDMA, 100% R8, 1.4 MHz, OPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.8
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TOD (SC-FDMA, 100% RB, 1,4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.87	±9.6
10601	AAD	LTE-TOD (SC-FOMA, 100% RB, 3 MHz, 18-QAM, UL Subtramc=2,3,4,7,8,9)	LTE-TOD	8.44	±9.8
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.52	±9.8
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2.3,4,7,8.9)	LTE-TOD	7.72	±96
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sublrame=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FOMA, 100% RB, 5 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10506	AAG	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 16-OAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10508	AAG	LTE-TOD (SC-FOMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8,49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 16 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	B.51	±9.8
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sublrame=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10513	AAG	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe +2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
10515	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99po duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 98pc duty cycle)	WLAN	1.58	±9.6
10518	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10619	AAC	IEEE 802.11a/h WiF) 5 GHz (OFDM, 12 Mbps, 99pc duly cycls)	WLAN	8,39	3.9 <sub>2</sub>
10520	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFOM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WIFI 5 QHz (OFDM, 54 Mbps, 99pc duly cycle)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11 ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	IEEE 802.11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WiFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WIFT (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	ISEE 802.11ac WIFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 99po duly cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
INEAL	AAC	IEEE 802.11ac WiFI (40 MHz, MCS0, 98pc duly cycle)	WLAN	8.45	±8,6
10534	AAC	IEEE 802.11ac WiFI (40 MHz, MCS1, 99pc duly cycle)	WLAN	8.45	±9.6
10535	_				
10535 10536	AAC	IEEE 802.11ac WIFi (40 MHz, MCS2, 89pc duly cycle)	WLAN	8.32	±9.6
10535 10536 10537	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.32 8.44	±9.6
10535 10536	AAC	The state of the s		_	

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מוט	Rev	Communication System Name	Group	PAR (dB)	Unc $E k = 2$
10541	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 98pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFI (40 MHz, MCS8, 99pc duly cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFI (40 MHz, MCS9, 99pc duly cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.5
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ao WiFI (80 MHz, MC98, 99pc duty cycle)	WLAN	8.38	±9.6
10651	AAC	IEEE 802.11ac.WiFI (80 MHz, MCS7, 99pc.duty cycle)	WLAN	8,50	±9.6
10552	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duly cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WIFi (180 MHz, MCS0, 99pc duty cycle)	WLAN	8.46	±9.8
10555	AAD	1EEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	ISEE 802.11ac WiFl (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WIFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	£9.8
10568	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 99pc duly cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802,11ac WF) (180 MHz, MCSB, 98pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WIFI (160 MHz, MCSB, 99pc duty cycle)	WLAN	8.69	±9.8
10563	AAD	IEEE 802.11ac WIFI (180 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	<b>±9.6</b>
10564	АЛА	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duly cycle)	WLAN	8.45	±9.5
10566	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 18 Mbps, 89pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	£9.6
10568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 38 Mbps, 99pc duly cycle)	WLAN	8.37	£9.6
10569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 98pc duty cycle)	WLAN	8,10	±9.6
10570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	<b>÷9.6</b>
10575	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6Mbps, 90pc duly cycle)	WLAN	8.59	\$9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle)	WLAN	8.60	±\$.6
10577	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9,6
10579	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.38	±9.6
10580	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 38 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8,35	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duly cycle)	WLAN	8.67	±9.8
10583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duly cycle)	WLAN	8.59	19.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)  IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10586	AAC		WLAN	8.70	±9.8
10585	AAC	IEEE 802.11a/h WiFl 5'GHz (OFDM, 18 Mbps, 90pc duty cycle)   IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN WLAN	8.49	±9.6
10588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.36 8.76	±9.6
10589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802,118/h WIFI 5 GHz (OFDM, 54 Mbps, 90pa duly cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 80pc duly cycle)	WLAN	8.63	±9.6
10682	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	19.6
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duly cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90cc duly cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duly cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90po duly cycle)	WLAN	8,71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS8, 90pc duly cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duly cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duly cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 80pc duly cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10803	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.8
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90po duty cycle)	WLAN	8,97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10807	AAC	IEEE 802,11ac WIFI (20 MHz, MCS0, 80pc duty cycle)	WLAN	8.54	±9.6
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duly cycle)	WLAN	8.77	±9.6
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UID	Rav	Communication System Name	Group	PAR (dB)	Unc $\frac{1}{2}k=2$
	AAC	IEEE 802.11ac WIFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.8
	AAC	IEEE 802.11ac WiFI (20 MHz, MGS4, 90pc duly cycle)	WLAN	8.70	±9.8
-	AAC	IEEE 802.11ac WIFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.8
_	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	49,8
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duly cycle)	WLAN	8.59	±9.6
-	AAC	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.8
	AAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duly cycle)	WLAN	8.82	±9.6
	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.5B	19.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
	AAC	1EEE 802.11ac WiFi (40 MHz, MCS4, 90pc duly cycle)	WLAN	8.87	±9.6
	AAC	IEEE 802.11ac WiFI (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
	AAC	IEEE 802,11ac WIFI (40 MHz, MCS6, 90pc duly cycle)	WLAN	8.68	±9.6
	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
-	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
-	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duly cycle)	WLAN	8.96	±9.8
	AAC	IEEE 802.11ao WiFI (80 MHz, MCSO, 90pc duly cycle)	WLAN	8.83	±9.8
$\overline{}$	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9,8
$\overline{}$	AAC	IEEE 802,11ac WiFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	6.71	±9.6
	AAC	IEEE 802.11ac WIFT (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
$\overline{}$	AAC	IEEE 802.11ac WIF7 (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.1180 WIFI (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duly cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10638	AAD	IEEE 802.11ac WIFI (180 MHz, MCS0, 90pg duty cycle)	WLAN	8.83	8.64
10637	AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10838	AAD	IEEE 802.11ac WIFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10839	AAD	IEEE 802.11ac Wift (160 MHz, MCS3, 90pc duty cycls)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 90po duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90po duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	£9.8
10644	AAD	IEEE 802.11ac WIFI (180 MHz, MCS8, 90po duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WIFI (180 MHz, MCS9, 90pc duty cycle)	WLAN	9,11	±9.6
10646	AAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11,96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subtrame = 2,7)	LTE-TOD	11.98	±9.5
10848	AAA	CDMA2000 (1x Advanced)	CDMA2000	3,45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	£9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.8
10865	AAF	LTE-TDD (QFDMA, 20 MHz, E-TM 9.1, Clipping 44%)	LTE-TOD	7.21	±9.6
10658	AA8	Polse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AA8	Pulse Wavelorm (200Hz, 40%)	Test	3.98	±9.6
10661	AA8	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	6.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS4, 90po duty cycle)	WLAN	6.80	±9.8
10878	AAC	IEEE 802,11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cyclo)	WLAN	8.73	±9.8
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duly cycle)	WLAN	6.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duly cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11 ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	08.8	19.8
10881	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	÷9.6
10683	AAC	IEEE 802.11ax (20.MHz, MCSO, 99pc duly cyole)	WLAN	8.42	±9.6
10684		IEEE 802.11ax (20 MHz, MCS1, 98pp duly cycle)	WLAN	8.26	±9.5
	AAC				
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 98pc duty cycle) IEEE 802.11ax (20 MHz, MCS3, 98pc duty cycle)	WLAN	8.33	±9.6

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סוע	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	<del></del>	
10688	AAC	IEEE 802.11ex (20 MHz, MCS5, 99pc duty cycle)		8.45	±9.6
10689	AAC	IEEE 802,11ax (20 MHz, MCSS, 98pc duty cycle)	WLAN	8.29	£9.8
10690	AAC		WLAN	8.55	F9.6
	_	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10891	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	39.6
10692	AAC	IEEE 802.11ax (20 MHz, MGS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.8
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.8
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10896	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802,11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.8
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	£9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duly cycle)	WLAN	8.73	±9.8
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11 ax (40 MHz, MCS7, 90pc duly cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.8
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.89	±9.5
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90po duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duly cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duly cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802,11ax (40 MHz, MCS4, 89pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99po duty cycle)	WLAN	8.67	±9.8
10713	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.33	±9.8
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.8
10715	AAC	(EEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	_
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 98pc duty cycle)	WLAN	6.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	-	
10718	AAC	IEEE 802.11ex (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.48	±9.6
10719	AAC			8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.8
10721	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
	_	[EEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.8
10722	AAC	(EEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.56	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.8
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WŁAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.74	±9.8
10726	AAC	IEEE 802.11ex (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.8
10727	AAC	(EEE 802,11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.86	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.66	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	ΛAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.48	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.8
10734		IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.8
10736	_	IEEE 802.11ax (80 MHz, MCS4, 99cc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11 Ex (80 MHz, MCS7, 9900 duly cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802,11ex (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.1 Lax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11 ax (80 MHz, MC810, 89pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.49	±9.6
10743	AAC	IEEE 802.11ax (180 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (180 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	1EEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (180 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.8
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8,90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MC37, S0pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	(EEE 802.11ax (160 MHz, MCS9, 80pc duty cycle)	WLAN	8.81	±9,6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	Group WLAN	9.00	
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.84	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.8
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.8
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.59	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 98pc duly cycle)	WLAN	8.58	19.6
10760	AAC	IEEE 802.11ax (180 MHz, MCS6, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99po duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (180 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ex (160 MHz, MCS8, 98pc duly cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802,11ax (180 MHz, MCS9, 99pc duly cycle)	WLAN	6.54	£9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.8
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	8.8±
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 16 kHz)	5G NR FR1 TOD	7.99	±9.6
10768	AAD	SG NR (CP-OFDM, 1 RB, 10MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15 kHz)	5G NR FR1 TOO	8.01	±9.6
10770	DAA	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	50 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	OAA	6G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	69 NR FR1 TDD	8.02	±9.8
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,31	-±9.6
1D776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 16 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 60% RB, 15 MHz, QPSK, 15 kHz)	56 NR FR1 TD0	8.30	£9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10778	AAC	5G NA (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FA1 TOD	8.42	±9.8
10780	AAD	5G NR (CP-OFDM, 60% R8, 30 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.38	±9.6
10781	AAD	5Q NA (CP-OFDM, 50% R8, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 60% RB, 50 MHz, QPSK, 15 kHz)	6G NR FR1 TOD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TOO	8.31	±9.6
10784	DAA	6G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	50 NR FRI TOD	B.29	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)  5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.40 8.35	±9.6 ±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	5G NR FRI TOD	8.44	±9.8
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	5G NR FRI TOD	8.39	±9.6
10789	AAD	60 NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	6.37	±9.6
10790	AAD	6G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QFSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.5
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	6G NR FR1 TDD	7.92	±9.8
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	50 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TOO	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.01	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7.89	±9.6
10802	AAD	SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7.93	±9.6
10805	AAO	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8,34	±9.6
10806	AAD	5G NR (CP-OFOM, 50% RB, 16 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.37	±9.6
10809	DAA	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.8
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOD	6.35	±9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.35	±9.8
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)  5G NR (CP-OFDM, 100% RB, 16 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MRZ, QPSK, 30 KRZ)	5G NR FR1 TDD	9.33	±9.6 ±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)	6G NR FR1 TDD	8.30 8.41	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)	5G NA FRI TOD	8.41	±9.6
10822	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)	50 NR FRI TOD	8.39	±9.6
10825	AAD	6G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.41	±9.6
10827	AAD	SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.42	±9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.43	±9.6
			1	1	

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1825   AND   20 AP (CP OFFILE, 1007, RS, 200 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 201 MHz, 201 MHz)   50 AP (CP OFFILE, 1007, RS, 201 MHz, 20	מונו	Rev	Communication System Name	Group	PAR (dB)	Unc E k = 2
1885  AAD   50 RR (CP-OFDM, 1 RB, 15MHz, QPSK, 50 MHz)   50 NR FRI TOD   7.73   5.9	$\longrightarrow$	_				
1893  AAD   50 RR (CP-OPDM, 1 RB, 19MR), CPSK, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   1983  AAD   50 RR (CP-OPDM, 1 RB, 29MR), CPSK, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   1983  AAD   50 RR (CP-OPDM, 1 RB, 29MR), CPSK, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   1983  AAD   50 RR (CP-OPDM, 1 RB, 29MR), CPSK, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   1983  AAD   50 RR (CP-OPDM, 1 RB, 30 MR), CPSK, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   1983  AAD   50 RR (CP-OPDM, 1 RB, 30 MR), CPSK, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   50 NR (CPSC, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   50 NR (CPSC, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   50 NR (CPSC, 60 Heb)   50 NR FRI TOD   7.70   ±9.6   50 NR (CPSC, 60 Heb)   50 N		_				
1983  AAD   50 AR (CP-OPDM, 1 RB, 20MHX, CPSK, 60 Hz)   50 AR FRI TOD   7.74   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 20MHX, CPSK, 60 Hz)   50 AR (RF NT DO   7.75   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 30 MHX, CPSK, 60 Hz)   50 AR (RF NT DO   7.75   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 60 Hz)   50 AR (RF NT DO   7.76   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 60 Hz)   50 AR (RF NT DO   7.76   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 60 Hz)   50 AR (RF NT DO   7.86   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 80 Hz)   50 AR (RF NT DO   7.76   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 80 Hz)   50 AR (RF NT DO   7.76   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 80 Hz)   50 AR (RF NT DO   7.77   ±3.6   1883  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 80 Hz)   50 AR (RF NT DO   7.77   ±3.6   1884  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 80 Hz)   50 AR (RF NT DO   7.77   ±3.6   1884  AAD   50 AR (CP-OPDM, 1 RB, 50 MHX, CPSK, 80 Hz)   50 AR (RF NT DO   7.77   ±3.6   1884  AAD   50 AR (CP-OPDM, 50 KB, 81 ARMAN, CPSK, 80 Hz)   50 AR (RF NT DO   7.77   ±3.6   1884  AAD   50 AR (CP-OPDM, 50 KB, 81 ARMAN, CPSK, 80 Hz)   50 AR (RF NT DO   8.34   ±3.6   1884  AAD   50 AR (CP-OPDM, 50 KB, 81 ARMAN, CPSK, 80 Hz)   50 ARR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN, CPSK, 80 Hz)   50 AR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN, CPSK, 80 Hz)   50 ARR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN, CPSK, 80 Hz)   50 ARR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN, CPSK, 80 Hz)   50 ARR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN, CPSK, 80 Hz)   50 ARR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN, CPSK, 80 Hz)   50 ARR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN, CPSK, 80 Hz)   50 ARR (RF NT DO   8.34   ±3.6   1885  AAD   50 AR (CP-OPDM, 100 KB, 83 ARMAN,	-	_	, , , , , , , , , , , , , , , , , , , ,			
1983   ADC   SC NR (ICP OFDM, 1 R8, 26th); (DRSK, 69 th);   SC NR PRI TIDD   7.70   2.9.8	$\overline{}$					
16855 AND SON NIC POPOM, 188, 0014Hz, 095K, 0014Hz)	$\overline{}$	_	·			
10835 AND   SO NN (CPOPOM, 18), 504M; 095K; 60 M/s)   SO NN FRI TOD   7:70   ±0.8   10837 AND   SO NN (CPOPOM, 18), 504M; 095K; 60 M/s)   SO NN FRI TOD   7:80   ±0.8   50.8   10837 AND   SO NN (CPOPOM, 18), 504M; 095K; 60 M/s)   SO NN FRI TOD   7:70   ±0.8   50.8						
1983   ADD   SO NR (CP-OPEM, I FB, SOMH-, CPSK, 60 M-1)	$\overline{}$	AAD	·	\	7.70	
1989   AAD   SO NR (CP-OFDM, 1 RB, 90.MHz, OPSK, 90 MHz)   50 MR FRI 170D   7.70   9.5.	=	DAA			7,68	±9.6
1984   AAD   SO NR (CP-ODDA, 188, 300Hz, OPSK, 50 NH2)   50 NR FR1 TOD   7.71   59.6	10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	50 NR FR1 TOD	7.68	±9.6
1984  AAD SON RICE-OFDIA, 183, 1904MHz, CPSK, 50 MHz  SON REPAINDD   7.71   9.8   1984  AAD SON RICE-OFDIA, 59% RB, 20 MHz, CPSK, 50 MHz  SON REPAINDD   8.49   1.98, 1984  AAD SON RICE-OFDIA, 59% RB, 20 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 20 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 10 MHz, CPSK, 60 MHz  SON RICE-OFDIA, 190% RB, 20 MHz, CPSK, 60 MHz  SON REPAIND RB, 20 MHz, 20 MHz, 20 MHz, 20 MHz  SON REPAIND RB, 20 MHz, 20 MHz, 20 MHz  SON REPAIND RB, 20 MHz, 20 MHz  SON REPAIND RB, 20 MHz, 20 MHz  SON REPAIND RB, 20 MHz, 20 MHz  SON REPAI	10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 80 kHz)	5G NR FRI TDD	7.70	±9.8
19844   AAD   SO NR (CP-OFOM, 59% RB, 18MHz, CPSK, 50 MHz)	10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 80 kHz)	5G NR FR1 TOO	7.67	±9.6
1984   AAD   SO NR (CP-OFON, 50% RB, 20MHz, OPSK, 60 MHz)   SO NR FR 1700   8.41   25.8	10841	AAD	6G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.71	±9.6
10856   AAD   SOLRI (CP-OFDM, 59% R.S. 30MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.34   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 1004); OPSK, 50 MHz)   SOLN FRI TOD   8.34   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 1004); OPSK, 50 MHz)   SOLN FRI TOD   8.37   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 1004); OPSK, 50 MHz)   SOLN FRI TOD   8.37   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 20 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.35   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.35   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.35   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.35   29.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.34   19.8   10855   AAD   SOLRI (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.34   19.8   10855   AAD   SOLN R.C. (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.34   19.8   10855   AAD   SOLN R.C. (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.34   19.8   10855   AAD   SOLN R.C. (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.37   29.5   10855   AAD   SOLN R.C. (CP-OFDM, 100% R.S. 30 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.37   29.5   10855   AAD   SOLN R.C. (CP-OFDM, 100% R.S. 100 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.37   29.5   10855   AAD   SOLN R.C. (CP-OFDM, 100% R.S. 100 MHz, OPSK, 50 MHz)   SOLN FRI TOD   8.37   29.5   10855   AAD   SOLN R.C. (CP-OFDM, 100% R.S. 100 MHz, OPSK, 100 MHz, OP	10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.49	±9.6
10855   AAD   50 RR (CP-OPEN, 100% RB, 10MHz, OPSK, 80 MHz)   50 NR FRI TOD   8.36   19.8	10844	CAA	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.34	±9.6
10855   AAD   50 AR (ICP-OFOM, 100% RB, 000MHz, OPSK, 80 MHz)   SO NA FRI TOD   8.37   19.8	10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	6G NR FR1 TOD	8.41	±9.8
10855   AAD   50 AR (PC-POFOM, 100% RB, 20MHz, OPSK, 80 MHz)   S0 NA FRI TOD   8.35   4.86   10859   AAD   S0 KR (PC-POFOM, 100% RB, 20MHz, OPSK, 80 MHz)   S0 NA FRI TOD   8.36   4.86   10859   AAO   S0 KR (PC-POFOM, 100% RB, 20MHz, OPSK, 80 MHz)   S0 NA FRI TOD   8.36   4.86   10859   AAO   S0 KR (PC-POFOM, 100% RB, 50 MHz, OPSK, 80 MHz)   S0 NA FRI TOD   8.36   4.86   10859   AAO   S0 KR (PC-POFOM, 100% RB, 50 MHz, OPSK, 80 MHz)   S0 NA FRI TOD   8.41   4.88   4.86   AAO   S0 KR (PC-POFOM, 100% RB, 50 MHz, OPSK, 80 MHz)   S0 NA FRI TOD   8.41   4.88   4.86   AAO   S0 NA FRI TOD   8.41   4.88   4.88   4.88   AAO   S0 NA FRI TOD   8.41   4.88   AAO   S0 NA FRI TOD   8		DAA	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)			
10855   AAO   5G NR (PCP-DEM, 100% RB, 25MHz, OPSK, 60 MHz)   SG NR FRI TDD   B.35   9.5.			SG NR (CP-OFOM, 100% RB, 15 MHz, QPSK, 80 kHz)			
10555   AAD   56 NR (CP-DFDM, 1075 RB, 30 MHz, CPSK, 60 MHz)   50 MR FRI TOD   8.34   9.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 60 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 60 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 60 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 60 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 60 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 60 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 50 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 50 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 50 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 50 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 30 MHz)   50 MR FRI TOD   8.41   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 30 MHz)   50 MR FRI TOD   8.40   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 30 MHz)   50 MR FRI TOD   8.60   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 120 MHz)   50 MR FRI TOD   8.60   19.6 NR 6PC-DFDM, 100% RB, 50 MHz, CPSK, 120 MHz)   50 MR FRI TOD   8.60   19.6 NR 6PC-DFDM, 100% RB, 100 MHz, CPSK, 120 MHz)   50 MR FRI TOD   8.60   19.6 NR 6PC-DFDM, 100% RB, 100 MHz, 100 MH						
1985   AAO   SG NR (CP-DEDM, 100% RB, 50MHz, CPSK, 60 MHz)	-	_				
1988   AAD   SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 MHz)   SG NR FRI TOD   8.40   28.8		_		-		
1985   AAD   SG NR (CP-OFDM, 100% R8, 80 MHz, QPSK, 60 MHz)   SG NR FRI TDD   8.40   ±9.8					-	
10883   AAD   SO NR (CP-OFDM, 109% RB, 80 MHz, OPSK, 80 NHz)   SG NR FRI TOD   8.41   \$2.8						
10885   AAD   SG NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 80 MHz)   SG NR FRI TDD   8.37   49.6			-		_	
10885   AAD   SG MR (CP-GFDM, 109%, RB, 100 MHz, QPSK, 30 KHz)   SG NR FRI TDD   S. 8. 49.8		_				$\overline{}$
10868   AAD   50 NR (DFT-6-OFDM, 10 RB, 100 MHz, QPSK, 30 NHz)   50 NR FRI TDD   5.88   ±9.8     10870   AAE   50 NR (DFT-5-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz)   50 NR FRZ TDD   5.75   ±9.8     10870   AAE   50 NR (DFT-5-OFDM, 10 RB, 100 MHz, QPSK, 120 NHz)   50 NR FRZ TDD   5.75   ±9.8     10870   AAE   50 NR (DFT-5-OFDM, 10 RB, 100 MHz, QPSK, 120 NHz)   50 NR FRZ TDD   5.86   ±9.8     10872   AAE   50 NR (DFT-5-OFDM, 10 NR RB, 100 MHz, QPSK, 120 NHz)   50 NR FRZ TDD   5.86   ±9.8     10872   AAE   50 NR (DFT-6-OFDM, 10 NR RB, 100 MHz, 160 NHz)   50 NR FRZ TDD   5.86   ±9.8     10873   AAE   50 NR (DFT-6-OFDM, 10 NR RB, 100 NHz, 160 NHz)   50 NR FRZ TDD   5.85   ±9.8     10873   AAE   50 NR (DFT-6-OFDM, 10 NR RB, 100 NHz, 160 NHz)   50 NR FRZ TDD   5.85   ±9.8     10873   AAE   50 NR (DFT-6-OFDM, 10 NR RB, 100 NHz, 160 NHz)   50 NR FRZ TDD   5.85   ±9.8     10875   AAE   50 NR (DFT-6-OFDM, 10 NR RB, 100 NHz, 160 NHz)   50 NR FRZ TDD   5.85   ±9.8     10876   AAE   50 NR (DFD-OFDM, 10 NR RB, 100 NHz, 160 NHz)   50 NR FRZ TDD   7.78   ±9.8     10877   AAE   50 NR (CP-OFDM, 10 NR, 100 NHz, 160 NM NZ NHz)   50 NR FRZ TDD   7.78   ±9.8     10878   AAE   50 NR (CP-OFDM, 10 NR, 100 NHz, 160 NM, 120 NHz)   50 NR FRZ TDD   7.95   ±9.8     10879   AAE   50 NR (CP-OFDM, 10 NR, 100 NHz, 160 NM, 120 NHz)   50 NR FRZ TDD   7.95   ±9.8     10880   AAE   50 NR (CP-OFDM, 10 NR, 100 NHz, 160 NM, 120 NHz)   50 NR FRZ TDD   5.95   ±9.8     10881   AAE   50 NR (CP-OFDM, 10 NR, 100 NHz, 160 NMz, 120 NHz)   50 NR FRZ TDD   5.75   5.9 S     10882   AAE   50 NR (CP-OFDM, 10 NR, 100 NHz, 160 NMz, 120 NHz)   50 NR FRZ TDD   5.75   5.9 S     10883   AAE   50 NR (CPT-6-OFDM, 10 NR, 50 NHz, 640 NM, 120 NHz)   50 NR FRZ TDD   5.75   5.9 S     10883   AAE   50 NR (CPT-6-OFDM, 10 NR, 50 NHz, 640 NM, 120 NHz)   50 NR FRZ TDD   5.75   5.9 S     10885   AAE   50 NR (CPT-6-OFDM, 10 NR, 50 NHz, 640 NM, 120 NHz)   50 NR FRZ TDD   5.85   ±9.8     10886   AAE   50 NR (CPT-6-OFDM, 10 NR, 50 NHz, 640 NM, 120 NHz)   50 NR FRZ TDD   5.85   ±9.8						
10888   AAD   SG NR (DFT=-OFDM, 100% RB, 100MHz, QPSK, 120 MHz)   SG NR FRI TOD   S.88   ±8.6     10870   AAE   SG NR (DFT=-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FRZ TDD   S.75   ±9.8     10871   AAE   SG NR (DFT=-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FRZ TDD   S.75   ±9.8     10871   AAE   SG NR (DFT=-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)   SG NR FRZ TDD   S.75   ±9.6     10873   AAE   SG NR (DFT=-OFDM, 100% RB, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.75   ±9.6     10873   AAE   SG NR (DFT=-OFDM, 100% RB, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.51   ±9.8     10873   AAE   SG NR (DFT=-OFDM, 100% RB, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.51   ±9.8     10873   AAE   SG NR (DFT=-OFDM, 100% RB, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.52   ±9.8     10876   AAE   SG NR (DFT=-OFDM, 188, 100 MHz, QPSK, 120 MHz)   SG NR FRZ TDD   T.78   ±9.8     10876   AAE   SG NR (DFO-OFDM, 188, 100 MHz, QPSK, 120 MHz)   SG NR FRZ TDD   T.78   ±9.8     10876   AAE   SG NR (CP-OFDM, 168, 100 MHz, QPSK, 120 MHz)   SG NR FRZ TDD   T.78   ±9.8     10877   AAE   SG NR (CP-OFDM, 168, 100 MHz, QPSK, 120 MHz)   SG NR FRZ TDD   T.95   ±9.6     10878   AAE   SG NR (CP-OFDM, 168, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   T.95   ±9.6     10879   AAE   SG NR (CP-OFDM, 168, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.79   ±9.6     10879   AAE   SG NR (CP-OFDM, 168, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.71   ±9.8     10879   AAE   SG NR (CP-OFDM, 168, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.71   ±9.8     10879   AAE   SG NR (CP-OFDM, 168, 100 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.71   ±9.8     10880   AAE   SG NR (CP-OFDM, 168, 50 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.71   ±9.8     10881   AAE   SG NR (CP-OFDM, 168, 50 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.75   ±9.8     10882   AAE   SG NR (CP-OFDM, 168, 50 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.75   ±9.8     10883   AAE   SG NR (CP-OFDM, 168, 50 MHz, 160AM, 120 MHz)   SG NR FRZ TDD   S.75   ±9.8     10883   AAE   SG NR (CP-OFDM, 16					4	
10899   AAE   SG NR (DFT+-OFDM, 108, 100MHz, OPSK, 120 KHz)   SG NR FRZ TDD   S.76   £9.8   10870   AAE   SG NR (DFT+-OFDM, 108% RB, 100 MHz, CPSK, 120 KHz)   SG NR FRZ TDD   S.76   £9.8   10872   AAE   SG NR (DFT+-OFDM, 108% RB, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.75   £9.6   10872   AAE   SG NR (DFT+-OFDM, 18 R, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.52   £9.6   10873   AAE   SG NR (DFT+-OFDM, 18 R, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.52   £9.6   10874   AAE   SG NR (DFT+-OFDM, 18 R, 100MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.55   £9.8   10875   AAE   SG NR (DFT+-OFDM, 108% RB, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.55   £9.8   10875   AAE   SG NR (DFT-OFDM, 108% RB, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.55   £9.8   10876   AAE   SG NR (DF-OFDM, 108% RB, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.78   £9.8   10877   AAE   SG NR (DF-OFDM, 108% RB, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.39   £9.6   10878   AAE   SG NR (DF-OFDM, 18 R, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.39   £9.6   10878   AAE   SG NR (DF-OFDM, 18 R, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.91   £9.8   10878   AAE   SG NR (DF-OFDM, 108% RB, 100 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.91   £9.8   10880   AAE   SG NR (DF-OFDM, 108% RB, 100 MHz, 180AM, 120 KHz)   SG NR FRZ TDD   S.92   £9.8   10882   AAE   SG NR (DF-OFDM, 108% RB, 100 MHz, 180AM, 120 KHz)   SG NR FRZ TDD   S.92   £9.8   10883   AAE   SG NR (DFT+OFDM, 188, 50 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.93   £9.8   10883   AAE   SG NR (DFT+OFDM, 188, 50 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.95   £9.8   £9.8   10883   AAE   SG NR (DFT+OFDM, 188, 50 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.95   £9.8   £9.8   10883   AAE   SG NR (DFT+OFDM, 188, 50 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.95   £9.8   £9.8   10887   AAE   SG NR (DFT+OFDM, 188, 50 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.95   £9.8   £9.8   10887   AAE   SG NR (DFT+OFDM, 188, 50 MHz, 160AM, 120 KHz)   SG NR FRZ TDD   S.95   £9.8   £9.8   10887   AAE   SG NR (DFT+		·	• • • • • • • • • • • • • • • • • • • •			
10870   AAE   SG NR (DFTs-OFDM, 100%, RB, 100 MHz, 10-SM, 120 MHz)   SG NR FR2 TDD   S. 86   £9.6   10871   AAE   SG NR (DFTs-OFDM, 1 RB, 100 MHz, 160 AM, 120 MHz)   SG NR FR2 TDD   S. 75   £9.8   10873   AAE   SG NR (DFTs-OFDM, 100% RB, 100 MHz, 160 AM, 120 MHz)   SG NR FR2 TDD   S. 52   £9.6   10873   AAE   SG NR (DFTs-OFDM, 100% RB, 100 MHz, 640 AM, 120 MHz)   SG NR FR2 TDD   S. 52   £9.6   10873   AAE   SG NR (DFTs-OFDM, 100% RB, 100 MHz, 640 AM, 120 MHz)   SG NR FR2 TDD   S. 55   £9.6   10875   AAE   SG NR (DFTs-OFDM, 100% RB, 100 MHz, 640 AM, 120 MHz)   SG NR FR2 TDD   S. 55   £9.6   10876   AAE   SG NR (DFTs-OFDM, 100% RB, 100 MHz, 120 MHz)   SG NR FR2 TDD   S. 50 MR FR2 TDD   S.						
10871   AAE   SG NR (DFT-9-OFDM, 1 RB, 100 MHz, 160AM, 120 NHz)   SG NR FR2 TDD   S.75   ±9.6   10872   AAE   SG NR (DFT-9-OFDM, 100% RB, 100 MHz, 160AM, 120 NHz)   SG NR FR2 TDD   S.61   ±9.6   10873   AAE   SG NR (DFT-9-OFDM, 18B, 100 MHz, 40AM, 120 NHz)   SG NR FR2 TDD   S.61   ±9.6   10874   AAE   SG NR (DFT-9-OFDM, 18B, 100 MHz, 40AM, 120 NHz)   SG NR FR2 TDD   S.65   ±9.6   10875   AAE   SG NR (DFT-9-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz)   SG NR FR2 TDD   S.65   ±9.6   10875   AAE   SG NR (DFT-9-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz)   SG NR FR2 TDD   S.79   ±9.6   10876   AAE   SG NR (DF-0-OFDM, 18B, 100 MHz, 180AM, 120 NHz)   SG NR FR2 TDD   S.39   ±9.6   10877   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 180AM, 120 NHz)   SG NR FR2 TDD   S.79   ±9.6   10878   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz)   SG NR FR2 TDD   S.41   ±9.8   10880   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz)   SG NR FR2 TDD   S.75   ±9.6   10880   AAE   SG NR (DF-0-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz)   SG NR FR2 TDD   S.75   ±9.8   10881   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.75   ±9.8   10881   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.75   ±9.8   10883   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.75   ±9.8   10885   AAE   SG NR (DFF-0-OFDM, 18B, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.75   ±9.8   10885   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.75   ±9.8   10885   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.75   ±9.8   10885   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.76   ±9.8   10885   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.76   ±9.8   10885   AAE   SG NR (DFF-0-OFDM, 100% RB, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.76   ±9.8   10885   AAE   SG NR (DF-0-OFDM, 18B, 50 MHz, 0-PSK, 120 NHz)   SG NR FR2 TDD   S.76   ±9.8   10885			, , , , , , , , , , , , , , , , , , , ,			
10872   AAE   SG NR (DFT-6-OFDM, 18B, 100 MHz, 190 AM, 120 MHz)   SG NR FR2 TDD   8.52   49.8						
10873   AAE   5G NR (DFTs-OFDM, 1 RB, 100 MHz, 84QAM, 120 KHz)   5G NR FR2 TDD   6.55   49.6   10874   AAE   5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 KHz)   5G NR FR2 TDD   7.78   49.8   10875   AAE   5G NR (DF-OFDM, 18B, 100 MHz, 04QAM, 120 KHz)   5G NR FR2 TDD   7.78   49.8   10876   AAE   5G NR (DF-OFDM, 100% RB, 100 MHz, 04QK, 120 KHz)   5G NR FR2 TDD   7.78   49.8   10876   AAE   5G NR (DF-OFDM, 100% RB, 100 MHz, 04QK, 120 KHz)   5G NR FR2 TDD   7.95   49.6   10878   AAE   5G NR (DF-OFDM, 108, 100 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   7.95   49.6   10878   AAE   5G NR (DF-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   8.11   49.6   10878   AAE   5G NR (DF-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   8.12   49.6   10880   AAE   5G NR (DF-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   8.12   49.6   10880   AAE   5G NR (DF-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   8.75   49.6   10882   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.75   49.6   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.96   49.6   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.96   49.6   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)   5G NR FR2 TDD   5.65   49.8   10883   AAE   5G NR (DFTs-O					_	
10874   AAE   5G NR   (DFTs-OFDM, 100% RB, 100 MHz, 64OAM, 120 KHz)   5G NR FR2 TDD   8.65   49.8     10875   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 KHz)   5G NR FR2 TDD   7.78   49.8     10876   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 KHz)   5G NR FR2 TDD   7.95   49.8     10877   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 KHz)   5G NR FR2 TDD   7.95   49.6     10878   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 160AM, 120 KHz)   5G NR FR2 TDD   7.95   49.6     10878   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 160AM, 120 KHz)   5G NR FR2 TDD   8.41   49.8     10880   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 840AM, 120 KHz)   5G NR FR2 TDD   8.12   49.6     10880   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 840AM, 120 KHz)   5G NR FR2 TDD   8.39   49.8     10881   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz)   5G NR FR2 TDD   5.75   49.8     10882   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz)   5G NR FR2 TDD   5.75   49.6     10883   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz)   5G NR FR2 TDD   5.98   49.6     10884   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 160AM, 120 KHz)   5G NR FR2 TDD   6.67   49.8     10885   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 160AM, 120 KHz)   5G NR FR2 TDD   6.67   49.8     10886   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 20 KHz)   5G NR FR2 TDD   6.67   49.8     10886   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 60AM, 120 KHz)   5G NR FR2 TDD   6.65   49.8     10886   AAE   5G NR (DFTs-OFDM, 100% RB, 50 MHz, 60AM, 120 KHz)   5G NR FR2 TDD   6.65   49.8     10887   AAE   5G NR (DFTs-OFDM, 18, 50 MHz, 60AM, 120 KHz)   5G NR FR2 TDD   6.65   49.8     10888   AAE   5G NR (DFTs-OFDM, 18, 50 MHz, 60AM, 120 KHz)   5G NR FR2 TDD   6.65   49.8     10889   AAE   5G NR (DFTs-OFDM, 18, 50 MHz, 60AM, 120 KHz)   5G NR FR2 TDD   6.65   49.8     10889   AAE   5G NR (DFTs-OFDM, 18, 50 MHz, 60AM, 120 KHz)   5G NR FR2 TDD   6.65   49.8     10889   AAE   5G NR (DFTs-OFDM, 18, 50 MHz, 60AM, 120 KHz)   5G NR FR2 TDD   6.65   49.8     10889   AAE   5			· · · · · · · · · · · · · · · · · · ·			
10875   AAE   5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.78   49.8     10876   AAE   5G NR (CP-OFDM, 100% RB, 100 kHz, QPSK, 120 kHz)   SG NR FR2 TDD   8.39   49.6     10877   AAE   5G NR (CP-OFDM, 18, 100 kHz, L60AM, 120 kHz)   SG NR FR2 TDD   8.41   49.6     10878   AAE   5G NR (CP-OFDM, 18, 100 kHz, L60AM, 120 kHz)   SG NR FR2 TDD   8.41   49.6     10879   AAE   SG NR (CP-OFDM, 180% RB, 100 kHz, 180 kHz)   SG NR FR2 TDD   8.41   49.6     10880   AAE   SG NR (CP-OFDM, 180% RB, 100 kHz, 840AM, 120 kHz)   SG NR FR2 TDD   8.12   49.6     10880   AAE   SG NR (CP-OFDM, 100% RB, 100 kHz, 840AM, 120 kHz)   SG NR FR2 TDD   8.38   49.8     10881   AAE   SG NR (DFT4-OFDM, 100% RB, 50 kHz, 120 kHz)   SG NR FR2 TDD   5.75   49.6     10882   AAE   SG NR (DFT4-OFDM, 100% RB, 50 kHz, 120 kHz)   SG NR FR2 TDD   5.75   49.6     10883   AAE   SG NR (DFT4-OFDM, 100% RB, 50 kHz, 120 kHz)   SG NR FR2 TDD   5.86   49.6     10884   AAE   SG NR (DFT4-OFDM, 100% RB, 50 kHz, 160AM, 120 kHz)   SG NR FR2 TDD   6.67   49.6     10885   AAE   SG NR (DFT4-OFDM, 100% RB, 50 kHz, 840AM, 120 kHz)   SG NR FR2 TDD   6.67   49.6     10885   AAE   SG NR (DFT4-OFDM, 100% RB, 50 kHz, 840AM, 120 kHz)   SG NR FR2 TDD   6.65   49.8     10885   AAE   SG NR (DFT4-OFDM, 100% RB, 50 kHz, 840AM, 120 kHz)   SG NR FR2 TDD   6.65   49.8     10886   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 240AM, 120 kHz)   SG NR FR2 TDD   6.65   49.8     10887   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 240AM, 120 kHz)   SG NR FR2 TDD   6.65   49.8     10888   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 240AM, 120 kHz)   SG NR FR2 TDD   8.45     10889   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 240AM, 120 kHz)   SG NR FR2 TDD   8.45     10889   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 240AM, 120 kHz)   SG NR FR2 TDD   8.45     10889   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 20 kHz)   SG NR FR2 TDD   8.46     10890   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 20 kHz)   SG NR FR2 TDD   8.47     10890   AAE   SG NR (CP-OFDM, 100% RB, 50 kHz, 30 kHz)   SG NR FR2 TDD   8.49						
10877   AAE   6G NR (CP-OFDM, 1 RB, 100MHz, 180AM, 120 kHz)   5G NR FR2 TDD   7.95   ±9.6     10878   AAE   5G NR (CP-OFDM, 100% RB, 100MHz, 180AM, 120 kHz)   5G NR FR2 TDD   8.11   ±9.6     10880   AAE   5G NR (CP-OFDM, 18, 100 MHz, 840AM, 120 kHz)   5G NR FR2 TDD   8.12   ±9.6     10880   AAE   5G NR (CP-OFDM, 100% RB, 100 MHz, 840AM, 120 kHz)   5G NR FR2 TDD   8.38   ±9.8     10881   AAE   5G NR (DFT-6-OFDM, 100% RB, 100 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   5.96   ±9.6     10882   AAE   5G NR (DFT-6-OFDM, 100% RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   5.96   ±9.6     10883   AAE   5G NR (DFT-6-OFDM, 100% RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   5.96   ±9.6     10883   AAE   5G NR (DFT-6-OFDM, 100% RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   5.67   ±9.8     10883   AAE   5G NR (DFT-6-OFDM, 100% RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   6.67   ±9.8     10883   AAE   5G NR (DFT-6-OFDM, 100% RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   6.65   ±9.8     10885   AAE   5G NR (DFT-6-OFDM, 100% RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   6.65   ±9.8     10885   AAE   5G NR (DFT-6-OFDM, 100% RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   6.65   ±9.8     10886   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   6.65   ±9.8     10887   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   7.78   ±9.8     10888   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 0FSK, 120 kHz)   5G NR FR2 TDD   7.78   ±9.8     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz)   5G NR FR2 TDD   8.02   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz)   5G NR FR2 TDD   8.03   ±9.6     10889   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz)   5G NR FR2 TDD   8.40   ±9.6     10890   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz)   5G NR FR2 TDD   8.40   ±9.6     10891   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz)   5G NR FR2 TDD   8.40   ±9.6     10892   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz)   5G NR FR2 TDD   5.80   ±9.6     10893   AAE   5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz)   5G NR FR2 TDD   5.80		AAE		5G NR FR2 TDD	7.78	±9.8
T0878   AAE   SG NR (CP-OFDM, 100% RB, 100 MHz, 18DAM, 120 kHz)   SG NR FR2 TOD   8.41   ±9.6   10890   AAE   SG NR (CP-OFDM, 1 R3, 100 MHz, 84DAM, 120 kHz)   SG NR FR2 TOD   8.38   ±9.8   10891   AAE   SG NR (CP-OFDM, 1 R3, 50 MHz, 64DAM, 120 kHz)   SG NR FR2 TOD   S.75   ±9.6   10892   AAE   SG NR (DFFa-OFDM, 1 R3, 50 MHz, CPSK, 120 kHz)   SG NR FR2 TOD   5.75   ±9.8   10892   AAE   SG NR (DFFa-OFDM, 1 R3, 50 MHz, CPSK, 120 kHz)   SG NR FR2 TOD   5.75   ±9.8   10892   AAE   SG NR (DFFa-OFDM, 1 R3, 50 MHz, CPSK, 120 kHz)   SG NR FR2 TOD   5.98   ±9.6   10893   AAE   SG NR (DFFa-OFDM, 1 R8, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   5.98   ±9.6   10893   AAE   SG NR (DFFa-OFDM, 1 R8, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   5.63   ±9.8   10885   AAE   SG NR (DFFa-OFDM, 1 R8, 50 MHz, 64DAM, 120 kHz)   SG NR FR2 TDD   5.63   ±9.8   10885   AAE   SG NR (DFFa-OFDM, 1 R8, 50 MHz, 64DAM, 120 kHz)   SG NR FR2 TDD   6.61   ±9.8   10886   AAE   SG NR (DFFa-OFDM, 1 R8, 50 MHz, 64DAM, 120 kHz)   SG NR FR2 TDD   6.61   ±9.8   10887   AAE   SG NR (DFPa-OFDM, 1 R8, 50 MHz, 64DAM, 120 kHz)   SG NR FR2 TDD   5.63   ±9.6   10880   AAE   SG NR (DP-OFDM, 1 R8, 50 MHz, 64DAM, 120 kHz)   SG NR FR2 TDD   7.78   ±9.8   10882   AAE   SG NR (CP-OFDM, 100% R8, 50 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   7.78   ±9.8   10889   AAE   SG NR (CP-OFDM, 100% R8, 50 MHz, 180AM, 120 kHz)   SG NR FR2 TDD   8.35   ±9.6   10890   AAE   SG NR (CP-OFDM, 100% R8, 50 MHz, 180AM, 120 kHz)   SG NR FR2 TDD   8.35   ±9.6   10890   AAE   SG NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz)   SG NR FR2 TDD   8.40   ±9.6   10890   AAE   SG NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6   10891   AAE   SG NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6   10893   AAE   SG NR (CP-OFDM, 1 R8, 50 MHz, 80AM, 120 kHz)   SG NR FR1 TDD   5.66   ±9.6   10893   AAB   SG NR (CP-OFDM, 1 R8, 50 MHz, 80AMz, 80AMz)   SG NR FR1 TDD   5.66   ±9.6   10893   AAB   SG NR (DFFa-OFDM, 1 R8, 50 MHz, 60AMz, 60AMz)   SG NR FR1 TDD   5.68   ±9.6	10876	AAE		SG NR FR2 TDD	8.39	±9.6
T0879   AAE   5G NR (CP-OFDM, 1 R8, 100 MHz, 84QAM, 120 kHz)   5G NR FR2 TDD   8.12   ±9.6	10877	AAE	6G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10880   AAE   56 NR (CP-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)   56 NR FR2 TDD   8.38   ±9.8     10882   AAE   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   56 NR FR2 TDD   5.75   ±9.6     10882   AAE   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   56 NR FR2 TDD   5.95   ±9.6     10883   AAE   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, 16CAM, 120 kHz)   56 NR FR2 TDD   6.57   ±9.8     10884   AAE   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, 16CAM, 120 kHz)   56 NR FR2 TDD   6.63   ±9.6     10885   AAE   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, 2 ACDAM, 120 kHz)   56 NR FR2 TDD   6.63   ±9.6     10885   AAE   56 NR (DFT-8-OFDM, 100% RB, 50 MHz, 84OAM, 120 kHz)   56 NR FR2 TDD   6.66   ±9.6     10886   AAE   56 NR (DFT-8-OFDM, 100% RB, 50 MHz, 84OAM, 120 kHz)   56 NR FR2 TDD   6.66   ±9.6     10887   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 20FSK, 120 kHz)   56 NR FR2 TDD   6.85   ±9.6     10888   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 20FSK, 120 kHz)   56 NR FR2 TDD   6.85   ±9.6     10889   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 20FSK, 120 kHz)   56 NR FR2 TDD   8.35   ±9.6     10889   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 18OAM, 120 kHz)   56 NR FR2 TDD   8.36   ±9.6     10889   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 18OAM, 120 kHz)   56 NR FR2 TDD   8.40   ±9.6     10889   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 18OAM, 120 kHz)   56 NR FR2 TDD   8.41   ±9.6     10889   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 20AM, 120 kHz)   56 NR FR2 TDD   8.41   ±9.6     10891   AAE   56 NR (CP-OFDM, 100% RB, 50 MHz, 20AM, 120 kHz)   56 NR FR2 TDD   8.41   ±9.6     10892   AAE   56 NR (CP-OFDM, 18, 50 MHz, 84OAM, 120 kHz)   56 NR FR2 TDD   8.41   ±9.6     10893   AAE   56 NR (CP-OFDM, 18, 50 MHz, 20AM, 120 kHz)   56 NR FR1 TDD   5.66   ±9.6     10894   AAB   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, 20FSK, 30 kHz)   56 NR FR1 TDD   5.66   ±9.6     10895   AAB   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, 20FSK, 30 kHz)   56 NR FR1 TDD   5.68   ±9.6     10890   AAB   56 NR (DFT-8-OFDM, 1 RB, 50 MHz, 20FSK, 30 kHz)   56 NR FR1 TDD   5.68   ±9.6     10900   AAB   56	10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 18QAM, 120 KHz)	5G NR FR2 TDD	8.41	±9.6
1088   AAE   50 NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   50 NR FR2 TDD   5.95   ±9.6     10882   AAE   50 NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   50 NR FR2 TDD   5.98   ±9.6     10883   AAE   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)   50 NR FR2 TDD   6.67   ±9.6     10885   AAE   50 NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   50 NR FR2 TDD   6.63   ±9.6     10885   AAE   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR2 TDD   6.61   ±9.8     10885   AAE   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR2 TDD   6.65   ±9.8     10887   AAE   50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   50 NR FR2 TDD   6.65   ±9.8     10888   AAE   50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)   50 NR FR2 TDD   6.65   ±9.8     10889   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   50 NR FR2 TDD   7.78   ±9.6     10889   AAE   50 NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)   50 NR FR2 TDD   8.35   ±9.5     10889   AAE   50 NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)   50 NR FR2 TDD   8.40   ±9.6     10890   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   50 NR FR2 TDD   8.40   ±9.6     10891   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR2 TDD   8.41   ±9.6     10892   AAE   50 NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR2 TDD   8.41   ±9.6     10893   AAB   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR2 TDD   8.41   ±9.6     10894   AAE   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR2 TDD   8.41   ±9.6     10895   AAB   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR2 TDD   5.66   ±9.6     10896   AAE   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR1 TDD   5.66   ±9.6     10897   AAC   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR1 TDD   5.66   ±9.6     10898   AAB   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR1 TDD   5.66   ±9.6     10899   AAB   50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   50 NR FR1 TDD   5.68   ±9.6     10890   AAB   50 NR (DFTs-OFDM,	10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.12	±9.6
10882 AAE 5G NR (DFT-8-OFDM, 1 8B, 50 MHz, 16QAM, 120 kHz)  10883 AAE 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)  10884 AAE 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)  10885 AAE 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)  10885 AAE 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10885 AAE 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10886 AAE 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10880 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10880 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10881 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 100 kHz)  10882 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10882 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10882 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10883 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10884 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10885 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  5G NR FR2 TDD  8.13 ±9.6  10897 AAC 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  5G NR FR1 TDD  5.66 ±9.6  10898 AAB 5G NR (DFT-S-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)  10890 AAB 5G NR (DFT-S-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.66 ±9.6  10901 AAB 5G NR (DFT-S-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.68 ±9.6  10902 AAB 5G NR (DFT-S-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.68 ±9.6  10903 AAB 5G NR (DFT-S-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.68 ±9.6  10904 AAB 5G NR (DFT-S-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.68 ±9.6  10905 AAB 5G NR (DFT-S-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.68 ±9.6  10906 AAB 5G NR (DFT-S-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.68 ±9.6  10909 AAB 5G	10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)			
10883   AAE   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   6.57   ±9.8     10884   AAE   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   6.63   ±9.6     10885   AAE   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)   SG NR FR2 TDD   6.65   ±9.8     10886   AAE   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)   SG NR FR2 TDD   6.65   ±9.8     10887   AAE   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 04PSK, 120 kHz)   SG NR FR2 TDD   7.78   ±9.8     10888   AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   SG NR FR2 TDD   8.35   ±9.6     10889   AAE   SG NR (CP-OFDM, 100% RB, 50 MHz, 04PSK, 120 kHz)   SG NR FR2 TDD   8.02   ±9.6     10880   AAE   SG NR (CP-OFDM, 180, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   8.04   ±9.6     10880   AAE   SG NR (CP-OFDM, 180, 50 MHz, 16QAM, 120 kHz)   SG NR FR2 TDD   8.40   ±9.6     10880   AAE   SG NR (CP-OFDM, 180, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10881   AAE   SG NR (CP-OFDM, 180, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10882   AAE   SG NR (CP-OFDM, 180, 50 MHz, 84QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10883   AAB   SG NR (CP-OFDM, 1 RB, 50 MHz, 04QAM, 120 kHz)   SG NR FR2 TDD   8.41   ±9.6     10884   AAE   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, 04QAM, 120 kHz)   SG NR FR1 TDD   5.66   ±9.6     10885   AAE   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, 04QAM, 120 kHz)   SG NR FR1 TDD   5.66   ±9.6     10896   AAB   SG NR (DFT-s-OFDM, 1 RB, 15 MHz, 04AM, 120 kHz)   SG NR FR1 TDD   5.67   ±9.8     10900   AAB   SG NR (DFT-s-OFDM, 1 RB, 15 MHz, 04AM, 120 kHz)   SG NR FR1 TDD   5.67   ±9.8     10900   AAB   SG NR (DFT-s-OFDM, 1 RB, 28 MHz, 04AM, 120 kHz)   SG NR FR1 TDD   5.68   ±9.6     10900   AAB   SG NR (DFT-s-OFDM, 1 RB, 28 MHz, 04AM, 120 kHz)   SG NR FR1 TDD   5.68   ±9.6     10900   AAB   SG NR (DFT-s-OFDM, 1 RB, 40 MHz, 04AM, 120 kHz)   SG NR FR1 TDD   5.68   ±9.6     10900   AAB   SG NR (DFT-s-OFDM, 1 RB, 40 MHz, 04AM, 120 kHz)   SG NR FR1 TDD   5.68   ±9.6     10900   AAB   SG NR (DFT-s-O	10881	AAE		<u> </u>		
10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz) 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10887 AAE 6G NR (DFT-s-OFDM, 100% RB, 50 MHz, 20 kHz) 10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 10892 AAE 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10893 AAC 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10894 AAC 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 10895 AAC 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10896 AAC 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10897 AAC 5G NR (CP-OFDM, 18B, 50 MHz, 84QAM, 120 kHz) 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 10890 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPS		_				
10885   AAE   5G NR (DFT-8-OFDM, 1 RB, 50 MHz, 84QAM, 120 KHz)   5G NR FR2 TDD   6.65   ±9.8						
10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 180 AMz, QPSK, 120 kHz) 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 180 AM, 120 kHz) 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64 QAM, 120 kHz) 10893 AAC 5G NR (CP-OFDM, 100% RB, 50 MHz, 64 QAM, 120 kHz) 10894 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64 QAM, 120 kHz) 10895 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 10896 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 10907 AAC 5G NR FR1 TDD 5.68 19.6 10908 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 19.6 10908 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.88 19.6 10909 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.99 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.99 10909		_				
10987 AAE 6Q NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10889 AAE 6Q NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAB 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10894 AAC 5G NR (CP-GFDM, 1 RB, 50 MHz, 040 AM, 120 kHz) 5G NR FR2 TDD 5.66 ±9.6 10895 AAB 5G NR (DFT-6-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10899 AAB 5G NR (DFT-6-OFDM, 1 RB, 15 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10900 AAB 6G NR (DFT-6-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-6-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-6-OFDM, 1 RB, 20 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-6-OFDM, 1 RB, 40 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.88 ±9.6 10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.89 ±9.6		_				
10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 120 KHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 6G NR (CP-OFDM, 1 RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 840AM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 840AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (CPT-8-OFDM, 1 RB, 6MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.3 10899 AAB 5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8 10900 AAB 6G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10908 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10909 AAB 5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6		_				
10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16OAM, 120 kHz)  10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16OAM, 120 kHz)  10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16OAM, 120 kHz)  10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)  10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)  10897 AAC 5G NR (DFT-6-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz)  10898 AAB 5G NR (DFT-6-OFDM, 1 RB, 10 MHz, 0PSK, 30 kHz)  10899 AAB 5G NR (DFT-6-OFDM, 1 RB, 15 MHz, 0PSK, 30 kHz)  10900 AAB 5G NR (DFT-6-OFDM, 1 RB, 26 MHz, 0PSK, 30 kHz)  10901 AAB 5G NR (DFT-6-OFDM, 1 RB, 26 MHz, 0PSK, 30 kHz)  10902 AAB 5G NR (DFT-6-OFDM, 1 RB, 26 MHz, 0PSK, 30 kHz)  10903 AAB 5G NR (DFT-6-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10904 AAB 5G NR (DFT-6-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10905 AAB 5G NR (DFT-6-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10906 AAB 5G NR (DFT-6-OFDM, 1 RB, 30 MHz, 0PSK, 30 kHz)  10907 AAB 5G NR (DFT-6-OFDM, 1 RB, 50 MHz, 0PSK, 30 kHz)  10908 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR (DFT-6-OFDM, 1 RB, 60 MHz, 0PSK, 30 kHz)  10909 AAB 5G NR	_	_			_	
10890       AAE       5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz)       5G NR FR2 TDD       8.40       ±9.6         10891       AAE       5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)       5G NR FR2 TDD       8.13       ±9.6         10892       AAE       5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)       5G NR FR2 TDD       8.41       ±9.6         10897       AAC       5G NR (DFT-6-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.66       ±9.6         10898       AAB       5G NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.87       ±9.8         10899       AAB       5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.87       ±9.8         10900       AAB       5G NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10901       AAB       5G NR (DFT-6-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10902       AAB       5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10903       AAB       5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TD		-	,			_
10891         AAE         5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)         5G NR FR2 TDD         8.13         ±9.6           10892         AAE         5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)         5G NR FR2 TDD         8.41         ±9.6           10897         AAC         5G NR (DFT-6-OFDM, 1 RB, 6MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.66         ±9.6           10898         AAB         5G NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.67         ±9.8           10899         AAB         5G NR (DFT-6-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ±9.8           10900         AAB         5G NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.8           10901         AAB         5G NR (DFT-6-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10902         AAB         5G NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10903         AAB         5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10905         AAB         5G NR (DFT-6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           1090		_				
10892         AAE         5G NR (CP-OFDM, 100% RB, 50 MHz, 840AM, 120 kHz)         5G NR FR2 TDD         8.41         ±9.6           10897         AAC         5G NR (DFT-8-OFDM, 1 RB, 6MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.66         ±9.6           10898         AAB         5G NR (DFT-8-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         6G NR FR1 TDD         5.87         ±9.8           10899         AAB         5G NR (DFT-8-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ±9.8           10900         AAB         5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         6G NR FR1 TDD         5.88         ±9.8           10901         AAB         5G NR (DFT-8-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10902         AAB         5G NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10903         AAB         5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10904         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10905         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           109	_	_				
10897         AAC         5G NR (DFT-8-OFDM, 1 RB, 5MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.66         ±9.6           10898         AAB         5G NR (DFT-8-OFDM, 1 RB, 10 MHz, OPSK, 30 kHz)         6G NR FR1 TDD         5.87         ±9.8           10899         AAB         5G NR (DFT-8-OFDM, 1 RB, 15 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.87         ±9.8           10900         AAB         5G NR (DFT-8-OFDM, 1 RB, 20 MHz, OPSK, 30 kHz)         6G NR FR1 TDD         5.68         ±9.8           10901         AAB         5G NR (DFT-8-OFDM, 1 RB, 26 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10902         AAB         5G NR (DFT-8-OFDM, 1 RB, 30 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.6           10903         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.8           10904         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.8           10905         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.8           10906         AAB         5G NR (DFT-8-OFDM, 1 RB, 60 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.68         ±9.8           10907		-				
10898       AAB       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.67       ±9.8         10899       AAB       5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.67       ±9.8         10900       AAB       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.8         10901       AAB       5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10902       AAB       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10903       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10909       AAC       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD		_			_	_
10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.8  10900 AAB 6G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8  10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6  10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6  10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8  10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8  10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.8  10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6  10907 AAC 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.79 ±9.6  10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.79 ±9.6  10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.8		-				
10900       AAB       SG NR (DFT-s-OFDM, 1 R8, 20 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10901       AAB       5G NR (DFT-s-OFDM, 1 R8, 26 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10902       AAB       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10903       AAB       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10904       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.8         10909       AAB       5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.8         10909       AAB       5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR F		_				
10801       AAB       5G NR (DFT-s-OFDM, 1 RB, 26 MHz, OPSK, 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, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10905       AAB       5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.8         10909       AAB       5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.8         10909       AAB       5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.96       ±9.8				<del>-</del>		
10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)  10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)  10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)  10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)  10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)  10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)  10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)  10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)  10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)  5G NR FR1 TDD  5.98  19.8						
10903       AAB       5G NR (DFT-6-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.8         10904       AAB       5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.8         10905       AAB       5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.8         10908       AAB       5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFT-8-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.8         10909       AAB       5G NR (DFT-8-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.96       ±9.8						_
10904       AAB       5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.8         10905       AAB       5G NR (DFT-8-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.8         10908       AAB       5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.68       ±9.6         10907       AAC       5G NR (DFT-8-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.78       ±9.6         10908       AAB       5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.93       ±9.8         10909       AAB       5G NR (DFT-8-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.96       ±9.8		_	53 NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.68	8.9±
10908     AAB     5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.88     ±9.6       10907     AAC     5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.78     ±9.6       10908     AAB     5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.93     ±9.8       10909     AAB     5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.96     ±9.8		AA8		5G NR FR1 TDD	5.68	£9.6
10907     AAC     5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.78     ±9.6       10908     AAB     5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     6G NR FR1 TDD     5.93     ±9.8       10909     AAB     5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz)     5G NR FR1 TDD     5.96     ±9.8		AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	±9.6
10 908         AAB         5G NR (DFT-s-OFOM, 50% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.93         ±9.8           10 909         AAB         5G NR (DFT-s-OFOM, 50% RB, 16 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.96         ±9.8	10908	AAB	5G NR (DFT-8-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,68	±9.6
10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.8	10907	AAC	5G NR (DFT-s-OFDM, 50% RB, SMHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.70	
	10908	AA8				_
10910   AAB   5G NR (DFT-9-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)   5G NR FR1 TOD   5.83   ±9.6				_		
	10910	AAB	5G NR (DFT-9-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.83	≐9.6

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UID	Hev	Communication System Name	Gratin	DVD (4D)	Unc $^{E}k=2$
10911	AAB	5G NR (DFT-s-OFOM, 50% RB, 25 MHz, QPSK, 30 kHz)	Group 50 NR FR1 TDD	PAR (dB) 5.93	±9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.84	±9.6
50913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	6G NR FR1 TOD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.85	±9.6
10915	AA8	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	19.6
10916	AA8	50 NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NA FRI TOD	5.87	±9.6
10917	AA8	5Q NR (OFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.94	±9.6
10918	AAC	5G NR (DFT-8-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.8
10919	AAB	6G NR (DFT-s-OFDM, 100% R8, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.86	±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 FRI TOD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FA1 TOD	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-9-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)	50 NR FRI TOO	5.84	±9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FRI TOO	5.94	±9.8
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MH2, QPSK, 15 kHz)	5G NR FR1 FOD	5.52	±9.8
10929	AAC	6G NR (DFT-8-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,52	±9.8
10930	AAC	5G NR (DFT-9-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.5
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)  6G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5.51	±9.8
10932	AAC	5G NR (DFT-9-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51 5.51	±9.6
10933	AAC	5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6 ±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 R8, 50 MHz, QPSK, 15 kHz)	5G NA FR1 FDD	6,51	±9.6
10938	AAC	5G NR (DFT-8-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	5Q NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.8
10939	AAC	5G NA (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.82	±9,8
10940	AAC	5Q NR (DFT-8-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	SG NR FRI FOD	5.89	±9.8
10941	AAC	5G NR (DFT-8-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	£9.8±
10942	AAC	5G NR (DFT-8-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	50 NA FA1 FOD	5.95	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	6G NR FR1 FDD	5.81	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5,85	±9.8
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-9-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.87	±9.6
10948	AAC	5G NA (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	6G NR FR1 FDD	5.94	±9.6
10949	AAC	6G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FOO	5.87	±9.8
10950	AAD	5G NR (DET-a-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5,94	±9.8
10951	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 16 kHz) 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25 8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 15 KHz)	50 NR FRI FOD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 kHz)	5G NR FR1 FDO	B.14	±9.6
10957	AAA	5G NA DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FOD	8.31	19.6
10958	AAA	6Q NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 30 KHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR OL (CP-OFOM, TM 3.1, 20 MHz, 64-QAM, 30 KHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	50 NR DL (CP-OFDM, TM 3.1, 6 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 TOD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.8
10963	AA8	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz)	50 NA FA1 TDD	9.55	±9.δ
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.5
10965	AA8	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	9.37	±9.6
10956	AAB	5G NR DL (CP-OFDM, TM 3.3, 15MHz, 64-OAM, 30 kHz)	5G NR FR1 TOD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.42	±9.6
10988	AA8	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)  5G NR (DFFs-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 700	11.59	±9.6
10973	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 258-QAM, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10978	AAA	ULLA BDR	ULLA	10.28	±9.6
10978	AAA	ULLA HDR4	ULLA	8,58	±9.6
10980	AAA	ULLA HOR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRo4	ULLA	3.19	±9.6
10982	AAA	ULLA HCIRO8	ULLA	3.43	±9.6

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UID	ABA	Communication System Name	Group	PAR (dB)	Unc* k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 84-QAM, 15 kHz)	50 NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR OL (CP-OFOM, TM 3.1, 50 MHz, 84-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5Q NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 KHz)	6G NR FR1 TDD	9,54	±9.6
10986	AAA	5G NR OL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5Q NR FR1 TDD	9.53	£9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.38	±9.6
10989	ΛΑΑ	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 84-QAM, 30 kHz)	5G NR FR1 TD0	9.33	±9.8
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 84-QAM, 30 kHz)	5G NA FRI TOD	9.52	±9.8

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

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#### 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)

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Multilateral Agreement for the recognition of calibration certificates

Client B.V. ADT (Auden)

Certificate No: EX3-7696\_Jan22

#### CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7696

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

Calibration procedure for dosimetric E-field probes

Calibration date: January 20, 2022

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-291	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: CC2552 (20x)	09-Apr-21 (No. 217-03343)	Apr-22
DAE4	SN: 660	13-Oct-21 (No. DAE4-660_Oct21)	Oct-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013_Dec21)	Dec-22
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN. MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-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

Calibrated by:

Name
Function
Signature
Laboratory Technician

Approved by:

Sven Kühn
Deputy Manager

Issued: January 26, 2022

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

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Report No.: SFBFLF-WTW-P22110085

#### 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)

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#### Glossary:

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

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

Polarization φ rotation around probe axis

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

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

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

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

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

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

#### Methods Applied and Interpretation of Parameters:

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

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

#### **Basic Calibration Parameters**

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

Calibration Results for Modulation Response

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

Note: For details on UID parameters see Appendix

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

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

<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.

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

#### **Sensor Model Parameters**

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

#### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-176.4
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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

#### Calibration Parameter Determined in Head Tissue Simulating Media

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

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

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

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

the ConvF uncertainty for indicated target tissue parameters.

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

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

#### Calibration Parameter Determined in Head Tissue Simulating Media

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

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

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the indicated frequency band.

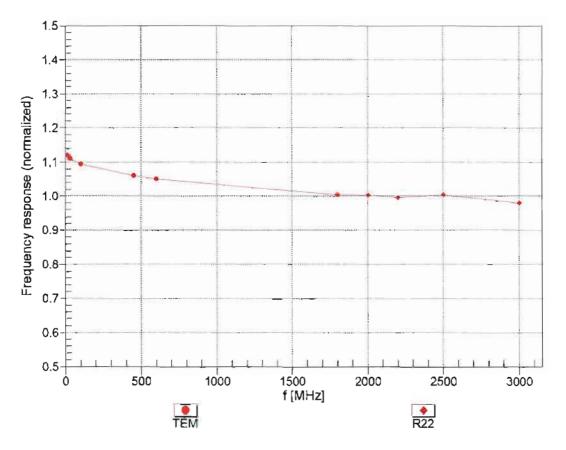
At frequencies 6-10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured

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

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

# Frequency Response of E-Field

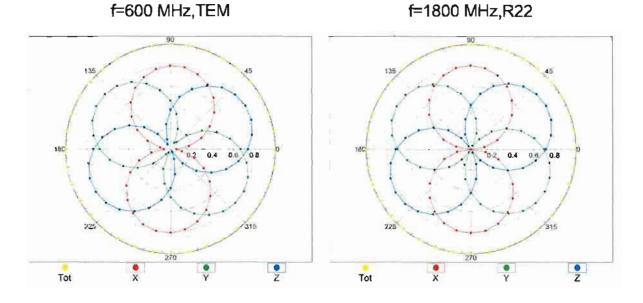
(TEM-Cell:Ifi110 EXX, Waveguide: R22)

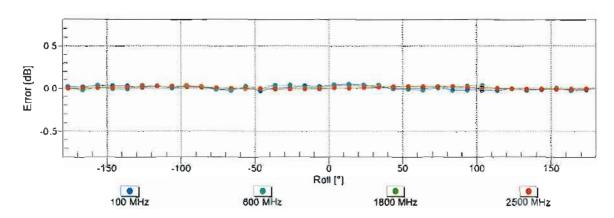


Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

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

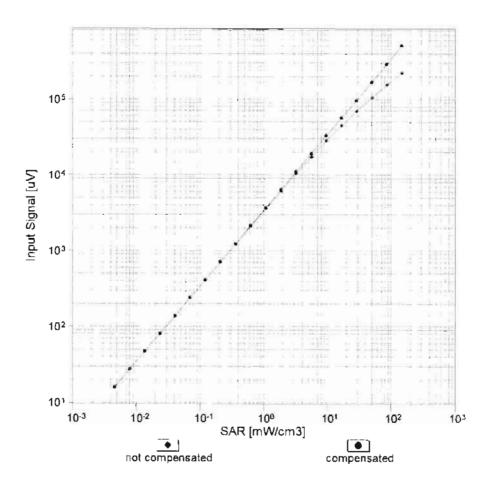
τισσοιτικής ταποιτίτ (ψ), σ

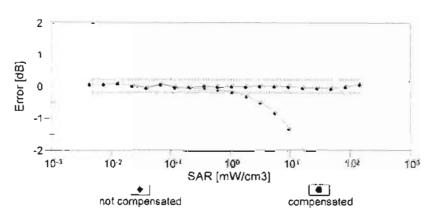




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

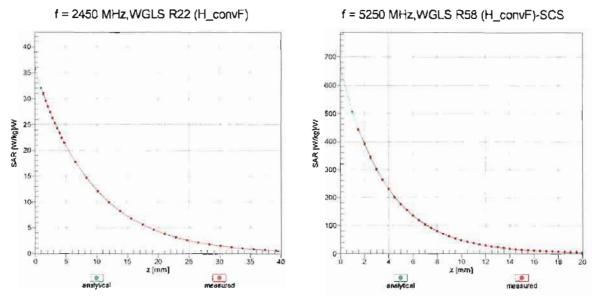
# Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)



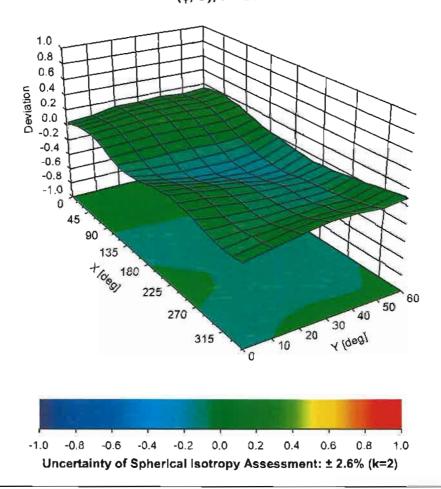


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

# **Conversion Factor Assessment**



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



Appendix: Modulation Calibration Parameters

מוט	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> (k=2)
0	-	ĆW	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 %
10035	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10038	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
		DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	_	± 9.6 %
10056	CAA			11.01	
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)  IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	GSM WLAN	6.52	± 9.6 % ± 9.6 %
10059	CAB	IEEE 802.116 WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB			2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	3.60	
10062	CAD		WLAN	8.68	± 9.6 % ± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065		IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069		IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %

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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	ÇAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	ÇAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAD	IEEE 802,11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6,72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FOD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB. 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
	37.00				

10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FOD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6%
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FOD	5.73	±9.6%
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FOD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FOD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)	WLAN	8.03	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TOD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TOD (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-TOD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TOD	9.46	± 9.6 %
10244	CAD	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TOD (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-TOD (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 %
	040	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10258	CAB				
$\overline{}$	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %

10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-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-TOD	10,16	±9.6%
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TOD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
		CDMA2000, RC3, SO32, Full Rate		+	
10292	AAB AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 % ± 9.6 %
7.00		CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	3.50	
10295	AAB		CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC. 3CTRL)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD_	6.06	± 9.6 %
10313	AAA	IDEN 1:3	IDEN	10.51	± 9.6 %
10314	AAA	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAE	IEEE 802.11ac WIFI (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
40400	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10406	~~				

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 %
	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 %
	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
-	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
	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 %
	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-TOD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-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-TOD	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-TOD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL \$ub)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TOD (SC-FDMA, 1 R8, 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-TOD	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-TOD	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 %
	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10483		LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
	AAC				
10484	AAC AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10484 10485				7.59 8.38	± 9.6 %
10484 10485 10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD		

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10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TOD	7.74	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
1.1.11	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TOD	8.68	± 9.6 %
	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TOD	8.52	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TOD	8.31	± 9.6 %
$\overline{}$	AAF	LTE-TDD (SC-FDMA, 100% R8, 5 MHz, 64-QAM, UL Sub)	LTE-TOD	8.54	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)			
<del></del>	AAF	LTE-TDD (SC-FDMA, 100 % RB, 10 MHz, 16-QAM, UL Sub)	LTE-TOD	7.74	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	8.55	± 9.6 %
	AAE		LTE-TOO	7.99	± 9.6 %
	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
$\overline{}$	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TOD	7.74	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TOD	8.42	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
_	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
$\overline{}$	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
$\overline{}$	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
	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 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
	AAC	IEEE 802.11ac WIFI (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
$\overline{}$	AAC_	IEEE 802.11ac WiFi (40MHz, MC\$4, 99pc dc)	WLAN	8.54	± 9.6 %
	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 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10542		IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
	AAC	1222 002. 1120 VVII 1 (40VII 12, WOOD, SOPE de)	44		
10543	AAC AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN_	8.47	± 9.6 %
10543 10544					

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10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MC\$4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dε)	WLAN	8.39	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8,77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DS\$S-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAC	IEEE 802,11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802,11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90oc dc)	WLAN	8.76	± 9.6 %
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps. 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAC	IEEE 802,11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
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1060B   AAC						
19607   AAC	10805	AAC		WLAN	8.97	± 9.6 %
10608   AAC	10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10609   AAC   IEEE 802.11ac WIFI (20MHz, MCS3, 90pc dc)   WLAN   8.77   4.96	10607	AAC	IEEE 802.11ac WIFI (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10610   AAC   IEEE 802.11ac WFF (20MHz, MCS4, 90pc dc)   WLAN   8.78   2.96	10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10511   AAC   IEEE 802.11ac WFF (20MHz, MCS5, 90pc dc)   WLAN   8.77   49.61	10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10612   AAC   IEEE 802.11ac WIFI (20MHz, MCS6, 90pc dc)   WLAN   8.94   4.96	10610	AAC	IEEE 802,11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10613   AAC	10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10614   AAC	10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10615   AAC	10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10818   AAC	10614	AAC	IEEE 802.11ac WIFI (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10617   AAC	10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10618	10816	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10619	10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10620	10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10621	10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10622	10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10623	10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10624   AAC   IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc)   WLAN   8.96   ± 9.6   10625   AAC   IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc)   WLAN   8.93   ± 9.6   10626   AAC   IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc)   WLAN   8.83   ± 9.6   10627   AAC   IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc)   WLAN   8.83   ± 9.5   10628   AAC   IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc)   WLAN   8.71   ± 9.6   10629   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.71   ± 9.6   10629   AAC   IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)   WLAN   8.72   ± 9.6   10630   AAC   IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc)   WLAN   8.72   ± 9.6   10631   AAC   IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc)   WLAN   8.81   ± 9.6   10632   AAC   IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc)   WLAN   8.81   ± 9.6   10633   AAC   IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc)   WLAN   8.84   ± 9.6   10633   AAC   IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc)   WLAN   8.80   ± 9.6   10634   AAC   IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)   WLAN   8.80   ± 9.6   10635   AAC   IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)   WLAN   8.80   ± 9.6   10635   AAC   IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)   WLAN   8.81   ± 9.6   10636   AAD   IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc)   WLAN   8.81   ± 9.6   10637   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.83   ± 9.6   10633   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.86   ± 9.6   10633   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.86   ± 9.6   10634   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.86   ± 9.6   10634   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.85   ± 9.6   10644   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.86   ± 9.6   10644   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.89   ± 9.6   10644   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WIFI (1	10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10625	10623	AAC	IEEE 802,11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10626	10624	AAC	IEEE 802,11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10627   AAC	10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10628   AAC   IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)   WLAN   8.71   ± 9.6   10639   AAC   IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)   WLAN   8.72   ± 9.6   10631   AAC   IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)   WLAN   8.72   ± 9.6   10631   AAC   IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)   WLAN   8.81   ± 9.6   10632   AAC   IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)   WLAN   8.74   ± 9.6   10633   AAC   IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)   WLAN   8.83   ± 9.6   10633   AAC   IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)   WLAN   8.80   ± 9.6   10634   AAC   IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)   WLAN   8.80   ± 9.6   10635   AAC   IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)   WLAN   8.81   ± 9.6   10636   AAD   IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)   WLAN   8.83   ± 9.6   10636   AAD   IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)   WLAN   8.79   ± 9.6   10637   AAD   IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)   WLAN   8.79   ± 9.6   10639   AAD   IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)   WLAN   8.79   ± 9.6   10639   AAD   IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)   WLAN   8.86   ± 9.6   10640   AAD   IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)   WLAN   8.85   ± 9.6   10640   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   8.98   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   8.99   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac	10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10629   AAC   IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)   WLAN   8.85	10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10630	10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10631   AAC   IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc)   WLAN   8.81   ± 9.6   10632   AAC   IEEE 802.11ac WIFI (80MHz, MCS6, 90pc dc)   WLAN   8.74   ± 9.6   10633   AAC   IEEE 802.11ac WIFI (80MHz, MCS7, 90pc dc)   WLAN   8.83   ± 9.6   10634   AAC   IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)   WLAN   8.80   ± 9.6   10635   AAC   IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc)   WLAN   8.81   ± 9.6   10636   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   8.83   ± 9.6   10637   AAD   IEEE 802.11ac WIFI (160MHz, MCS0, 90pc dc)   WLAN   8.79   ± 9.6   10637   AAD   IEEE 802.11ac WIFI (160MHz, MCS1, 90pc dc)   WLAN   8.79   ± 9.6   10638   AAD   IEEE 802.11ac WIFI (160MHz, MCS2, 90pc dc)   WLAN   8.86   ± 9.6   10639   AAD   IEEE 802.11ac WIFI (160MHz, MCS3, 90pc dc)   WLAN   8.85   ± 9.6   10640   AAD   IEEE 802.11ac WIFI (160MHz, MCS4, 90pc dc)   WLAN   8.98   ± 9.6   10641   AAD   IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10642   AAD   IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10643   AAD   IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10644   AAD   IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc)   WLAN   9.05   ± 9.6   10644   AAD   IEEE 802.11ac WIFI (160MHz, MCS5, 90pc dc)   WLAN   9.05   ± 9.6   10645   AAD   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.11ac WIFI (160MHz, MCS9, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   IEEE 802.1	10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10632	10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10633	10631	AAC	IEEE 802.11ac WIFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10634   AAC   IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)   WLAN   8.80   ± 9.6   10635   AAC   IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)   WLAN   8.81   ± 9.6   10636   AAD   IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)   WLAN   8.83   ± 9.6   10637   AAD   IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)   WLAN   8.79   ± 9.6   10638   AAD   IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)   WLAN   8.86   ± 9.6   10639   AAD   IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)   WLAN   8.85   ± 9.6   10640   AAD   IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)   WLAN   8.98   ± 9.6   10641   AAD   IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)   WLAN   9.06   ± 9.6   10642   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10642   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06   ± 9.6   10643   AAD   IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)   WLAN   9.05   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)   WLAN   9.05   ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)   WLAN   9.05   ± 9.6   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)   WLAN   9.05   ± 9.6   10646   AAG   LTE-TDD (SC-FDMA, 1 R8, 5 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96   ± 9.6   10647   AAF   LTE-TDD (SC-FDMA, 1 R8, 5 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96   ± 9.6   10648   AAA   CDMA2000 (1x Advanced)   CDMA2000   3.45   ± 9.6   10653   AAE   LTE-TDD (OFDMA, 1 S MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.91   ± 9.6   10655   AAE   LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21   ± 9.6   10655   AAE   LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   5.96   ± 9.6   10658   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99   ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99   ± 9.6   10661   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99   ± 9.6   10662   AAA   Pulse Waveform (200Hz, 80%)   Test   5.99   ± 9.6   10660   AAA   Pulse Waveform (200Hz, 80%)   Test   5.99   ± 9.6   10660   AAA   Pulse Waveform (200Hz, 80%)   Test   5.99   ± 9.6   1	10632	AAC	IEEE 802.11ac WIFI (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10635   AAC	10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10636   AAD	10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10637   AAD	10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10638 AAD   IEEE 802.11ac WiFI (160MHz, MCS2, 90pc dc)   WLAN   8.86	10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10639 AAD   IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)   WLAN   8.85	10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10640   AAD   IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)   WLAN   8.98 ± 9.6   10641   AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06 ± 9.6   10642   AAD   IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)   WLAN   9.06 ± 9.6   10643   AAD   IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)   WLAN   8.89 ± 9.6   10644   AAD   IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)   WLAN   9.05 ± 9.6   10645   AAD   IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)   WLAN   9.11 ± 9.6   10646   AAG   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96 ± 9.6   10647   AAF   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)   LTE-TDD   11.96 ± 9.6   10648   AAA   CDMA2000 (1x Advanced)   CDMA2000   3.45 ± 9.6   10652   AAE   LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   6.91 ± 9.6   10654   AAD   LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.42 ± 9.6   10655   AAE   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21 ± 9.6   10655   AAE   LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   LTE-TDD   7.21 ± 9.6   10658   AAA   Pulse Waveform (200Hz, 20%)   Test   6.99 ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10661   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10662   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10662   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10662   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10662   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10662   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10662   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10660   AAA   Pulse Waveform (200Hz, 20%)   Test   5.99 ± 9.6   10660   AAA   Pulse W	10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10641 AAD   IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)   WLAN   9.06	10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10642       AAD       IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)       WLAN       9.06       ± 9.6         10643       AAD       IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)       WLAN       8.89       ± 9.6         10644       AAD       IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)       WLAN       9.05       ± 9.6         10645       AAD       IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)       WLAN       9.11       ± 9.6         10646       AAG       LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10647       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10648       AAA       CDMA2000 (1x Advanced)       CDMA2000       3.45       ± 9.6         10652       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6         10654       AAD       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658	10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10643       AAD       IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)       WLAN       8.89       ± 9.6         10644       AAD       IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)       WLAN       9.05       ± 9.6         10645       AAD       IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)       WLAN       9.11       ± 9.6         10646       AAG       LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10647       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10648       AAA       CDMA2000 (1x Advanced)       CDMA2000       3.45       ± 9.6         10652       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6         10654       AAD       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6         10659       AAA	10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10644         AAD         IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)         WLAN         9.05         ± 9.6           10645         AAD         IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)         WLAN         9.11         ± 9.6           10646         AAG         LTE-TDD (SC-FDMA, 1 R8, 5 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6           10647         AAF         LTE-TDD (SC-FDMA, 1 R8, 20 MHz, QPSK, UL Sub=2,7)         LTE-TDD         11.96         ± 9.6           10648         AAA         CDMA2000 (1x Advanced)         CDMA2000         3.45         ± 9.6           10652         AAE         LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.91         ± 9.6           10653         AAE         LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.42         ± 9.6           10654         AAD         LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.96         ± 9.6           10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6           10658         AAA         Pulse Waveform (200Hz, 10%)         Test         10.00         ± 9.6           10659         AAA         Pulse Waveform (200Hz, 20%)         Test	10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10645       AAD       IEEE 802.11ac WIFi (160MHz, MCS9, 90pc dc)       WLAN       9.11       ± 9.6         10646       AAG       LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10647       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10648       AAA       CDMA2000 (1x Advanced)       CDMA2000       3.45       ± 9.6         10652       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658       AAA       Pulse Waveform (200Hz, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       10.00       ± 9.6         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6         10662       AAA	10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10646       AAG       LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10647       AAF       LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)       LTE-TDD       11.96       ± 9.6         10648       AAA       CDMA2000 (1x Advanced)       CDMA2000       3.45       ± 9.6         10652       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6         10660       AAA       Pulse Waveform (200Hz, 60%)       Test       3.98       ± 9.6         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6         10670       AAA       Bluetooth Low Energy       Blue	10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10647         AAF         LTE-TDD (SC-FDMA, 1 R8, 20 MHz, QPSK, UL Sub=2.7)         LTE-TDD         11.96         ± 9.6           10648         AAA         CDMA2000 (1x Advanced)         CDMA2000         3.45         ± 9.6           10852         AAE         LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.91         ± 9.6           10653         AAE         LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.42         ± 9.6           10654         AAD         LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         6.96         ± 9.6           10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6           10658         AAA         Pulse Waveform (200Hz, 10%)         Test         10.00         ± 9.6           10659         AAA         Pulse Waveform (200Hz, 20%)         Test         6.99         ± 9.6           10660         AAA         Pulse Waveform (200Hz, 60%)         Test         3.98         ± 9.6           10662         AAA         Pulse Waveform (200Hz, 60%)         Test         0.97         ± 9.6           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6 <td>10645</td> <td>AAD</td> <td></td> <td>WLAN</td> <td>9,11</td> <td>± 9.6 %</td>	10645	AAD		WLAN	9,11	± 9.6 %
10648       AAA       CDMA2000 (1x Advanced)       CDMA2000       3.45       ± 9.6         10852       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6	10646	$\vdash$		LTE-TDD	11.96	± 9.6 %
10852       AAE       LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.91       ± 9.6         10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       0.97       ± 9.6         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6	10647	AAF			_	± 9.6 %
10653       AAE       LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.42       ± 9.6         10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6	10648	AAA	1001			± 9.6 %
10654       AAD       LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       6.96       ± 9.6         10655       AAE       LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)       LTE-TDD       7.21       ± 9.6         10658       AAA       Pulse Waveform (200Hz, 10%)       Test       10.00       ± 9.6         10659       AAA       Pulse Waveform (200Hz, 20%)       Test       6.99       ± 9.6         10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6						± 9.6 %
10655         AAE         LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)         LTE-TDD         7.21         ± 9.6           10658         AAA         Pulse Waveform (200Hz, 10%)         Test         10.00         ± 9.6           10659         AAA         Pulse Waveform (200Hz, 20%)         Test         6.99         ± 9.6           10660         AAA         Pulse Waveform (200Hz, 40%)         Test         3.98         ± 9.6           10661         AAA         Pulse Waveform (200Hz, 60%)         Test         2.22         ± 9.6           10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6	10653				_	± 9.6 %
10658         AAA         Pulse Waveform (200Hz, 10%)         Test         10.00         ± 9.6           10659         AAA         Pulse Waveform (200Hz, 20%)         Test         6.99         ± 9.6           10660         AAA         Pulse Waveform (200Hz, 40%)         Test         3.98         ± 9.6           10661         AAA         Pulse Waveform (200Hz, 60%)         Test         2.22         ± 9.6           10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6	10654	AAD		LTE-TOD	-	± 9.6 %
10659         AAA         Pulse Waveform (200Hz, 20%)         Test         6.99         ± 9.6           10660         AAA         Pulse Waveform (200Hz, 40%)         Test         3.98         ± 9.6           10661         AAA         Pulse Waveform (200Hz, 60%)         Test         2.22         ± 9.6           10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6				LTE-TDD		± 9.6 %
10660       AAA       Pulse Waveform (200Hz, 40%)       Test       3.98       ± 9.6         10661       AAA       Pulse Waveform (200Hz, 60%)       Test       2.22       ± 9.6         10662       AAA       Pulse Waveform (200Hz, 80%)       Test       0.97       ± 9.6         10670       AAA       Bluetooth Low Energy       Bluetooth       2.19       ± 9.6		AAA				± 9.6 %
10661         AAA         Pulse Waveform (200Hz, 60%)         Test         2.22         ± 9.6           10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6		_				± 9.6 %
10662         AAA         Pulse Waveform (200Hz, 80%)         Test         0.97         ± 9.6           10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6		+			_	± 9.6 %
10670         AAA         Bluetooth Low Energy         Bluetooth         2.19         ± 9.6		_				± 9.6 %
						± 9.6 %
$\perp$ 10671 $\mid$ AAC $\mid$ IEEE 802 11ay (20MHz MCS0 900c dc) $\mid$ W/I ANI $\mid$ Q 00 $\mid$ $\pm$ 9.6		-			_	± 9.6 %
	10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672   AAC   IEEE 802.11ax (20MHz, MCS1, 90pc dc)   WLAN   8.57   ± 9.6	10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

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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, MC\$11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8,33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MC\$7, 99oc dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802,11ax (20MHz, MCS8, 99pc dc)			
10692		IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.25	± 9.6 % ± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.29	
	AAC		WLAN	8.25	± 9.6 % ± 9.6 %
10694		IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	
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, MC\$10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802,11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	_	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	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, MC\$5, 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 %
10720	1_740	TELL COLLITION (COUNTRY INCOME)	1.70 11	0,00	2 0.0 70

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10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90ρc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802,11ax (80MHz, MC\$11, 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, MC\$1, 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 %
10747	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		± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.82	± 9.6 %
	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)		8.81	-
10753 10754	AAC	IEEE 802,11ax (160MHz, MCS11, 90pc dc)	WLAN	9.00	± 9.6 %
	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.94	± 9.6 %
10755			WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MC\$1, 99pc dc) IEEE 802.11ax (160MHz, MC\$2, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC		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 %

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-QFDM, 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-QFDM, 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)		8.35	± 9.6 %
	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
10818	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 13 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 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	8.41	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QP\$K, 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)			± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.39	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)		<b>+</b>	
		5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6%
10828	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.40	± 9.6 %
10830				7.63	
10831 10832	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)  5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
			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	
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	<b>D</b> AA	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, 84QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAÇ	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AA8	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AA8	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6 %
10910	AA8	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	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 %
	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10920				= 0.4	
10920 10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 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		± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)		5.85	
	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947			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>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.

Certificate No: EX3-7696\_Jan22