

Appendix Z. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.



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Certificate No: Z21-60284

CALIBRATION CERTIFICATE Object D2450V2 - SN: 737 Calibration Procedure(s) FF-Z11-003-01 Calibration Procedures for dipole validation kits Calibration date: August 26, 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) ID # **Primary Standards** Cal Date (Calibrated by, Certificate No.) Scheduled Calibration Power Meter NRP2 106277 23-Sep-20 (CTTL, No.J20X08336) Sep-21 Power sensor NRP8S 104291 23-Sep-20 (CTTL, No.J20X08336) Sep-21 Reference Probe EX3DV4 SN 7517 03-Feb-21(CTTL-SPEAG,No.Z21-60001) Feb-22 DAE3 SN 536 06-Nov-20(CTTL-SPEAG, No.Z20-60452) Nov-21 Secondary Standards ID # Cal Date (Calibrated by, Certificate No.) Scheduled Calibration Signal Generator E4438C MY49071430 01-Feb-21 (CTTL, No.J21X00593) Jan-22 NetworkAnalyzer E5071C MY46110673 14-Jan-21 (CTTL, No.J21X00232) Jan-22 Name Function Signature Calibrated by: Zhao Jing SAR Test Engineer Reviewed by: Lin Hao SAR Test Engineer Approved by: Qi Dianyuan SAR Project Leader Issued: August 31, 2021 This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: Z21-60284





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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

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 assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016
- c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010
- d) KDB865664, 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: Z21-60284

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Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.0 ± 6 %	1.77 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C		

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.0 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.6 W/kg ± 18.8 % (<i>k</i> =2)
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	5.92 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.9 W/kg ± 18.7 % (<i>k</i> =2)



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.0Ω+ 4.29jΩ
Return Loss	- 25.0dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.067 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
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rtificate No: Z21-60284	Page 4 of 6	



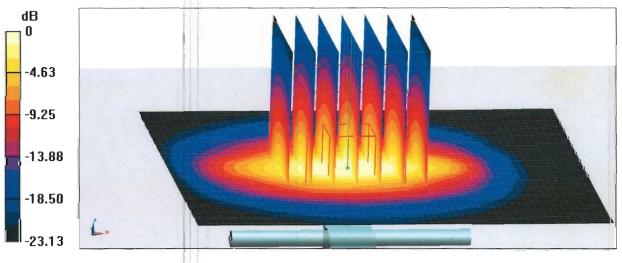
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, ChinaTel: +86-10-62304633-2079Fax: +86-10-62304633-2504E-mail: cttl@chinattl.comhttp://www.chinattl.cn

DASY5 Validation Report for Head TSLDate: 08.Test Laboratory: CTTL, Beijing, ChinaDUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 737Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1Medium parameters used: f = 2450 MHz; $\sigma = 1.772$ S/m; $\varepsilon_r = 40.04$; $\rho = 1000$ kg/m³Phantom section: Right SectionDASY5 Configuration:

- Probe: EX3DV4 SN7517; ConvF(7.34, 7.34, 7.34) @ 2450 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn536; Calibrated: 2020-11-06
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm Reference Value = 108.5 V/m; Power Drift = -0.01 dB Peak SAR (extrapolated) = 27.8 W/kg **SAR(1 g) = 13 W/kg; SAR(10 g) = 5.92 W/kg** Smallest distance from peaks to all points 3 dB below = 9 mm Ratio of SAR at M2 to SAR at M1 = 46.7% Maximum value of SAR (measured) = 22.3 W/kg



0 dB = 22.3 W/kg = 13.48 dBW/kg

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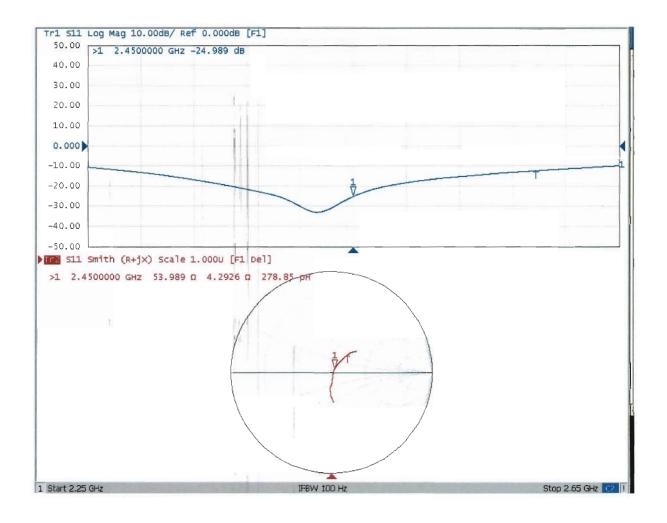
Date: 08.26.2021



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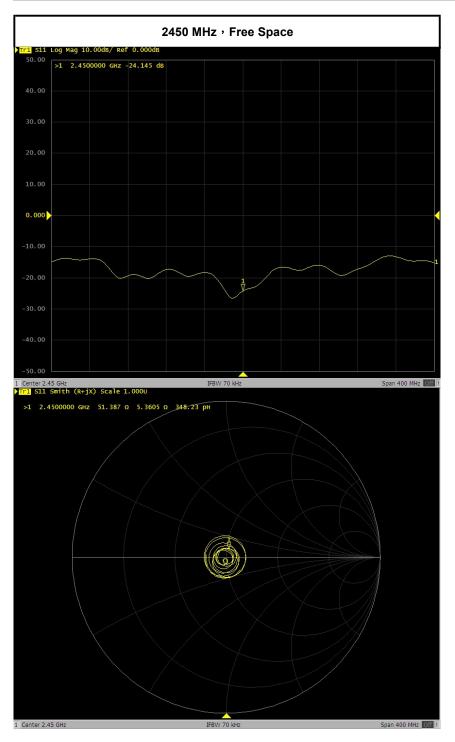
Impedance Measurement Plot for Head TSL





Annual Confirmation of SAR Reference Dipole

Model :	D2450V2		S/N :	737	Measurement	Date :	2022/8/25
Frequency (MHz)	Туре	ltem	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
		Real Impedance	53.989	51.387	-2.602	±5Ω	PASS
2450	Free Space	Imaginary Impedance	4.2926	5.3605	1.07	±5Ω	PASS
	Return Loss	-24.989	-24.145	-3.38%	±20%	PASS	



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- S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

B.V. ADT (Auden) Client

Certificate No: D5GHzV2-1019_Mar21

CALIBRATION CERTIFICATE

Object	D5GHzV2 - SN:1	019				
Calibration procedure(s)	QA CAL-22.v6 Calibration Proce	dure for SAR Validation Sources	between 3-10 GHz			
Calibration date:	March 19, 2021					
The measurements and the uncerta	ainties with confidence pr	onal standards, which realize the physical unit obability are given on the following pages and y facility: environment temperature $(22 \pm 3)^{\circ}$ C	are part of the certificate.			
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			
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	()A			
Approved by:	Katja Pokovic	Technical Manager	day			
			Issued: March 19, 2021			

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S **Swiss Calibration Service**

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

Glossarv:

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

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%.

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		

SAR result with Head TSL at 5250 MHz

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

SAR averaged over 10 cm ³ (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		

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (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 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.3 W/kg ± 19.5 % (k=2)

Certificate No: D5GHzV2-1019_Mar21

Head TSL parameters at 5750 MHz

The following parameters and calculations were applied.

	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		

SAR result with Head TSL at 5750 MHz

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

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

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
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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
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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; σ = 4.51 S/m; ε_r = 34.7; ρ = 1000 kg/m³ Medium parameters used: f = 5600 MHz; σ = 4.86 S/m; ε_r = 34.2; ρ = 1000 kg/m³ Medium parameters used: f = 5750 MHz; σ = 5.01 S/m; ε_r = 34; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

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

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5250 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 79.20 V/m; Power Drift = -0.00 dB Peak SAR (extrapolated) = 27.6 W/kg SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.32 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 70.7% Maximum value of SAR (measured) = 18.1 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 77.00 V/m; Power Drift = -0.05 dB Peak SAR (extrapolated) = 31.0 W/kg SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.36 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 66.9% Maximum value of SAR (measured) = 19.6 W/kg

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

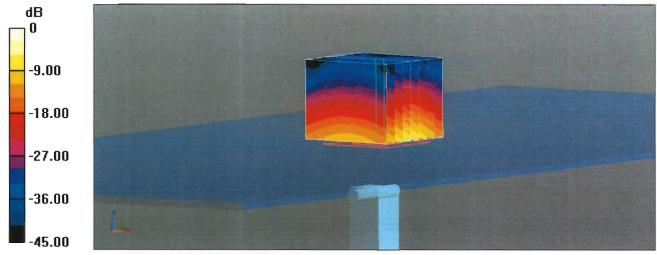
Peak SAR (extrapolated) = 31.6 W/kg

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

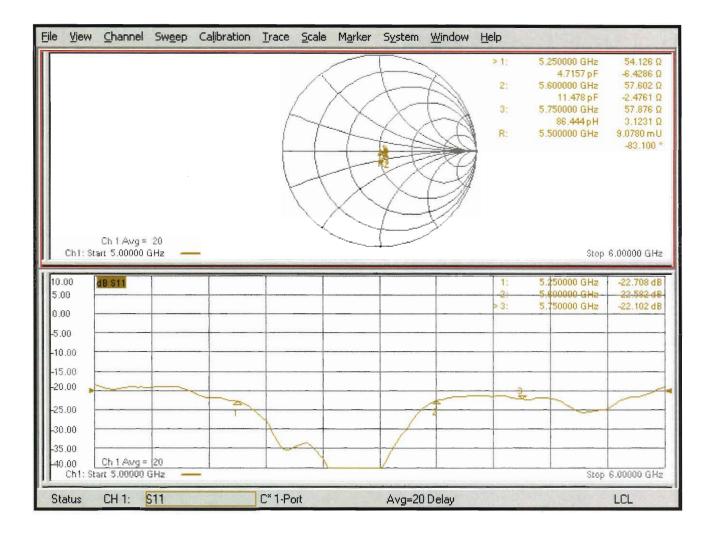
Ratio of SAR at M2 to SAR at M1 = 65%

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



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

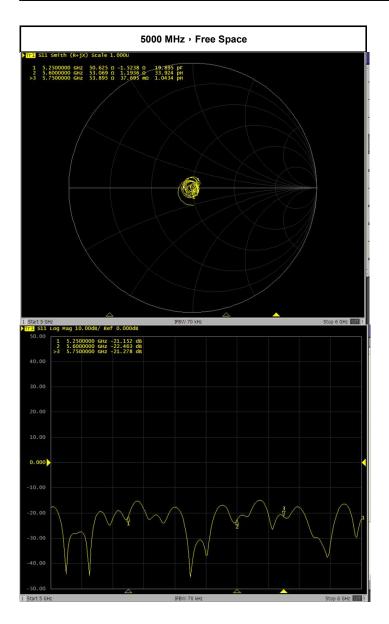
Impedance Measurement Plot for Head TSL





Annual Confirmation of SAR Reference Dipole

Model :	D5000V2		S/N :	1019	Measurement	Date :	2022/3/18
Frequency (MHz)	Туре	ltem	Previous Measurement	Annual 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	ltem	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	ltem	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
		Real Impedance	57.876	53.895	-3.981	±5Ω	PASS
5750	Free Space	Imaginary Impedance	3.1231	0.0377	-3.085	±5Ω	PASS
		Return Loss	-22.102	-21.278	-3.73%	±20%	PASS



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



Schweizerischer Kalibrierdienst

S Service suisse d'étalonnage С

Servizio svizzero di taratura

S **Swiss Calibration Service**

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Certificate No: D6.5GHzV2-1008_Sep21

Issued: September 27, 2021

CALIBRATION CERTIFICA

B.V. ADT (Auden)

Client

NAMES OF TAXABLE PARTY OF TAXABLE PARTY.			
Object	D6.5GHzV2 - SN	1008	
	QA CAL-22.v6		
	Calibration Proce	dure for SAR Validation Sources b	between 3-10 GHz
Calibration date:	September 2:4, 20	021	
-			
This calibration cortificate document	a the traceability to patie	nal standards, which realize the physical units	of massurements (SI)
		obability are given on the following pages and	
All calibrations have been conducted	d in the closed laboratory	γ facility: environment temperature (22 ± 3) $^{\circ}$ C a	and humidity < 70%.
Calibration Equipment used (M&TE	critical for calibration)		
Calibration Equipment used (Mare			
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
Power sensor R&S NRP33T	SN: 100967	08-Apr-21 (No. 217-03293)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Reference Probe EX3DV4	SN: 7405	30-Dec-20 (No. EX3-7405_Dec20)	Dec-21
DAE4	SN: 908	24-Jun-21 (No. DAE4-908_Jun21)	Jun-22
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
RF generator Anapico APSIN20G	SN: 669	28-Mar-17 (in house check Dec-18)	In house check: Dec-21
Network Analyzer Keysight E5063A		31-Oct-19 (in house check Oct-19)	In house check: Oct-22
	011.10104004221		
	Name	Function	Signature
Calibrated by:	Jeton Kastratii	Laboratory Technician	- 21
			-W
Approved by:	Katja Pokovic	Technical Manager	mint

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

Certificate No: D6.5GHzV2-1008_Sep21

Calibration Laboratory of

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



Schweizerischer Kalibrierdienst

- S Service suisse d'étalonnage
- С Servizio svizzero di taratura
- S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossarv:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

b) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The 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.
- 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 absorbed power density (APD): The absorbed power density is evaluated according to Samaras T, Christ A, Kuster N, "Compliance assessment of the epithelial or absorbed power density" above 6 GHz using SAR measurement systems", Bioelectromagnetics, 2021 (submitted). The additional evaluation uncertainty of 0.55 dB (rectangular distribution) is considered.

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

Measurement Conditions

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

DASY Version	DASY6	V16.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	5 mm	with Spacer
Zoom Scan Resolution	dx, dy = 3.4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	6500 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	34.5	6.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	33.6 ± 6 %	6.11 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	29.1 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	289 W/kg ± 24.7 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	5.39 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	53.5 W/kg ± 24.4 % (k=2)

Appendix

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.9 Ω - 7.6 jΩ
Return Loss	- 22.3 dB

APD (Absorbed Power Density)

APD averaged over 1 cm ²	Condition	
APD measured	100 mW input power	289 W/m ²
APD measured	normalized to 1W	2890 W/m ² ± 29.2 % (k=2)

APD averaged over 4 cm ²	condition	
APD measured	100 mW input power	132 W/m ²
APD measured	normalized to 1W	1320 W/m ² ± 28.9 % (k=2)

General Antenna Parameters and Design

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.

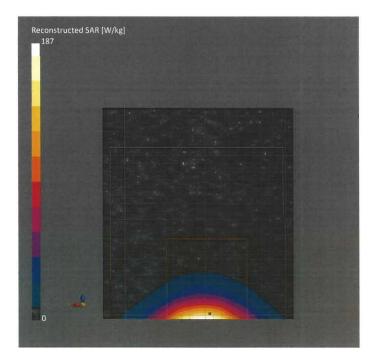
Additional EUT Data

Manufactured by	SPEAG

DASY6 Validation Report for Head TSL

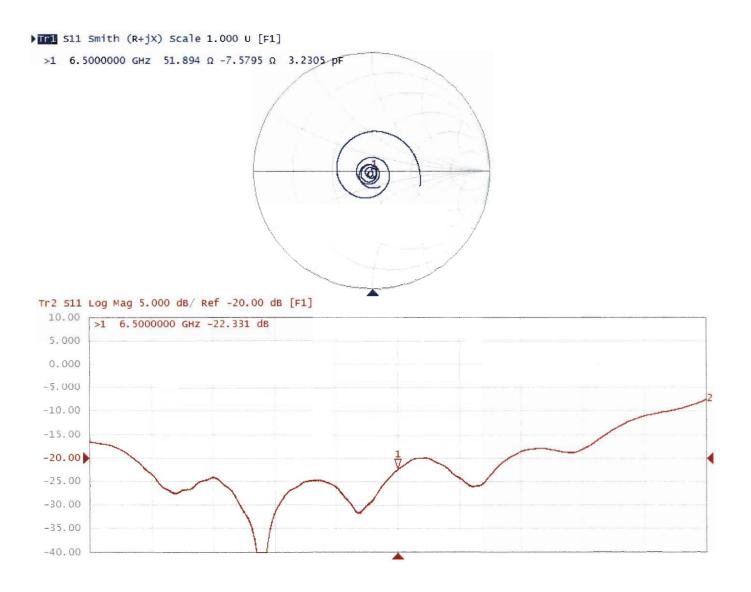
Measurement Report for D6.5GHz-1008, UID 0 -, Channel 6500 (6500.0MHz)

Name, Manufacturer		Dimensions [mm] IN		1EI	DUT Typ	e	
D6.5GHz	1	6.0 x 6.0 x	300.0 SN	1: 1008	-		
Exposure Cond	ditions						
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Cond. [S/m]	TSL Permittivity
Flat, HSL	5.00	Band	CW,	6500	5.75	6.11	33.6
Hardware Setu Phantom	•	SL		Probe, Calil	bration Date	DAF. Calik	pration Date
MFP V8.0 Center - 1182 HBBL600-100		000V6	EX3DV4 - SN7405, 2020-12-30		DAE4 Sn908, 2021-06-24		
Scan Setup				Measureme	ent Results		
			Zoom Scan				Zoom Scar
Grid Extents	[mm]		22.0 x 22.0 x 22.0	Date		2021-09-24, 11:35	
Grid Steps [m	וm]		3.4 x 3.4 x 1.4	4 psSAR1g [W/Kg]		29.3	
Sensor Surfac	ce [mm]		1.4	psSAR10g [W/Kg]		5.39	
Graded Grid			Yes	Power Dri	ft [dB]		0.02
Grading Ratio	C		1.4	Power Sca	lling		Disable
MAIA			N/A	Scaling Fac	ctor [dB]		
Surface Dete	ction		VMS + 6p	TSL Correc	ction		No correctio
Scan Method	1		Measured	M2/M1 [%	6]		50.
				Dist 3dB P	'eak [mm]		4.



Certificate No: D6.5GHzV2-1008_Sep21

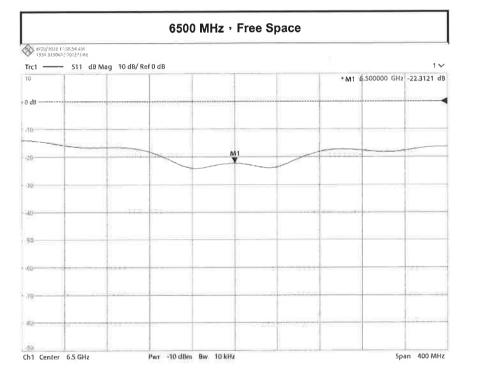
Impedance Measurement Plot for Head TSL

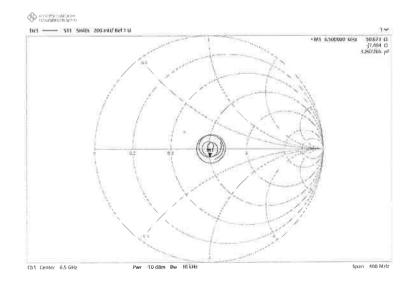




Annual Confirmation of SAR Reference Dipole

Model: D6.5GHzV2			S/N: 1008		Measurement	Measurement Date :	
Frequency (MHz)	Туре	ltem	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
	Return Loss	-22.331	-22.312	-0.08%	±20%	PASS	
6500	Free Space	Real Impedance	51.894	50.673	-1.22	±5Ω	PASS
	Imaginary Impedance	-7.5795	-7.4940	0.09	±5Ω	PASS	





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





Schweizerischer Kalibrierdienst

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 - Swiss Calibration Service

Accreditation No.: SCS 0108

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Multilateral Agreement for the recognition of calibration certificates

Client B.V. ADT (Auden)

Certificate No: 5G-Veri10-1025_Jan22

CALIBRATION CERTIFICATE

Object	ect 5G Verification Source 10 GHz - SN: 1025								
	QA CAL-45.v3 Calibration procedure for sources in air above 6 GHz								
Calibration date:	January 17, 2022								
	-	nal standards, which realize the physical units of bability are given on the following pages and ar							
All calibrations have been conducted	d in the closed laboratory	facility: environment temperature (22 \pm 3)°C and	d humidity < 70%.						
Calibration Equipment used (M&TE	critical for calibration)								
Primary Standards	, ID #	Scheduled Calibration							
Reference Probe EUmmWV3	SN: 9374	Cal Date (Certificate No.) 2021-12-21(No. EUmmWV3-9374_Dec21)	Dec-22						
DAE4ip	SN: 1602	2021-06-25 (No. DAE4ip-1602_Jun21)	Jun-22						
Secondary Standards	ID #	Check Date (in house)	Scheduled Check						
Calibrated but	Name	Function	Signature						
Calibrated by:	Leif Klysner	Laboratory Technician	Saflyn						
Approved by:	Sven Kühn	Deputy Manager	5.6						
This calibration certificate shall not b	be reproduced except in f	ull without written approval of the laboratory.	Issued: January 26, 2022						

Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



Schweizerischer Kalibrierdienst

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Servizio svizzero di taratura Swiss Calibration Service

Accreditation No.: SCS 0108

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Glossary

CW

Continuous wave

Calibration is Performed According to the Following Standards

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

Methods Applied and Interpretation of Parameters

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

Calibrated Quantity

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

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

Measurement Conditions

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

DASY Version	cDASY6 Module mmWave	V2.4
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
XY Scan Resolution	dx, dy = 7.5 mm	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	10 GHz ± 10 MHz	

Calibration Parameters, 10 GHz

Circular Averaging

Distance Horn Aperture	Prad	Max E-field	Uncertainty	Avg Power Density		Uncertainty
to Measured Plane	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+,		(k = 2)
				psPDmod+)		
				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	86.1	148	1.27 dB	54.5	51.3	1.28 dB

Square Averaging

D	istance Horn Aperture	Prad	Max E-field	Uncertainty	Avg Power Density		Uncertainty
to	Measured Plane	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+,		(k = 2)
					psPDmod+)		
					(W/m ²)		
					1 cm ²	4 cm ²	
	10 mm	86.1	148	1.27 dB	54.5	51.3	1.28 dB

 $^{^1}$ Assessed ohmic and mismatch loss plus numerical offset: 0.55 dB

Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm	-		DUT Type -	
Exposure Conditions					
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		Probe, Calibra EUmmWV3 - S 2021-12-21	t ion Date 5N9374_F1-55GHz,	DAE, Calibration Date DAE4ip Sn1602, 2021-06-25
Scan Setup			Measureme	ent Results	

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

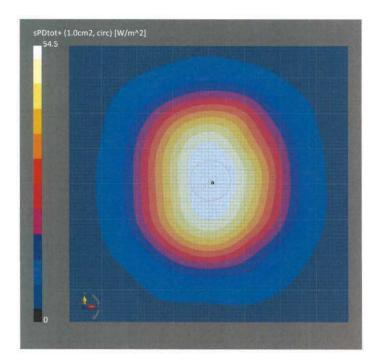
5G Scan 120.0 x 120.0 0.25 x 0.25 10.0 MAIA not used Date Avg. Area [cm²] psPDn+ [W/m²] psPDtot+ [W/m²] psPDmod+ [W/m²]

. E_{max} [V/m]

Power Drift [dB]

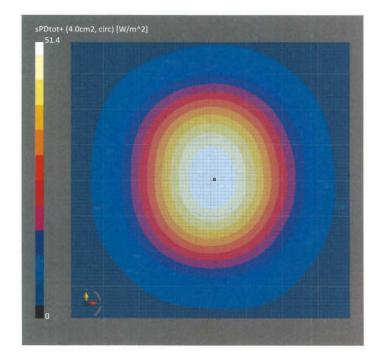
5G Scan 2022-01-17, 16:55 1.00 54.2 54.5 54.7 148

0.04



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm	-	IMEI SN: 1025	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm] 10.0 mm	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
- 20	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air			libration Date V3 - SN9374_F1-55GHz, 21	DAE, Calibration Date DAE4ip Sn1602, 2021-06-25
Scan Setup Grid Extents [mm] Grid Steps [lambda] Sensor Surface [mm] MAIA		5G S 120.0 x 12 0.25 x 0 1 MAIA not u	can 0.0 Date 0.25 Avg. Are 0.0 psPDn+ sed psPDtol psPDmo Emax [V/	[W/m ²] :+ [W/m ²] od+ [W/m ²]	5G Scan 2022-01-17, 16:55 4.00 51.1 51.4 51.5 148 0.04



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm Hz 100.0 x 100.0 x 1	•	IMEI SN: 1025	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		Probe, Calibratio EUmmWV3 - SNS 2021-12-21		DAE, Calibration Date DAE4ip Sn1602, 2021-06-25
Scan Setup			Measuremen	t Results	

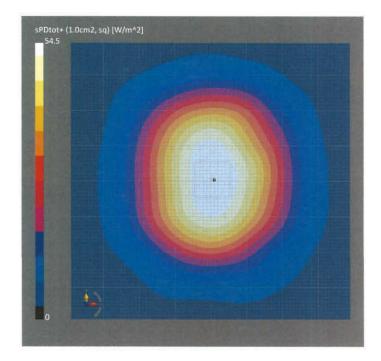
Grid Extents [mm]
Grid Steps [lambda]
Sensor Surface [mm]
MAIA

5G Scan 120.0 x 120.0 0.25 x 0.25 10.0 MAIA not used Measurement Result Date Avg. Area [cm²] psPDn+ [W/m²] psPDtot+ [W/m²]

psPDmod+ [W/m²]

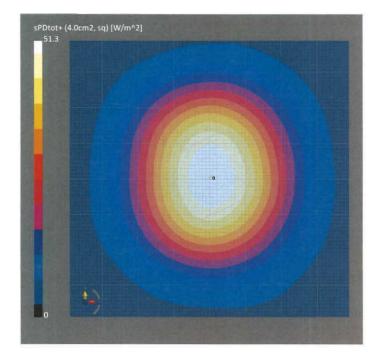
Power Drift [dB]

. E_{max} [V/m] **5G Scan** 2022-01-17, 16:55 1.00 54.2 54.5 54.8 148 0.04



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm		I MEI SN: 1025	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm] 10.0 mm	Band Validation band	Group , CW	Frequency [MHz], Channel Number	Conversion Factor
- טכ	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		Probe, Calibra EUmmWV3 - S 2021-12-21	tion Date N9374_F1-55GHz,	DAE, Calibration Date DAE4ip Sn1602, 2021-06-25
Scan Setup Grid Extents [mm] Grid Steps [lambda] Sensor Surface [mm] MAIA		5G S d 120.0 x 12 0.25 x 0 1 MAIA not us	0.0 Date 0.25 Avg. Area [cr 0.0 psPDn+ [W/r	n²] n²] /m²] W/m²]	5G Scan 2022-01-17, 16:55 4.00 51.1 51.3 51.5 148 0.04



Certificate No: 5G-Veri10-1025_Jan22

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

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Accreditation No.: SCS 0108

Client B.V. ADT (Auden)

Certificate No: 5G-Veri10-1025_Jan23

CALIBRATION CERTIFICATE

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

Object	5G Verification Source 10 GHz - SN: 1025							
Calibration procedure(s)	QA CAL-45.v4 Calibration procedure for sources in air above 6 GHz							
Calibration date:	January 19, 2023	3						
		ional standards, which realize the physical units o robability are given on the following pages and a						
All calibrations have been conduc	ted in the closed laborato	ry facility: environment temperature (22 \pm 3)°C ar	nd humidity < 70%.					
Calibration Equipment used (M&T	E critical for calibration)							
Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration					
Reference Probe EUmmWV3	SN: 9374	2023-01-03(No. EUmmWV3-9374_Jan23)	Jan-24					
DAE4ip	SN: 1602	2022-06-27 (No. DAE4ip-1602_Jun22)	Jun-23					
Secondary Standards	ID #	Check Date (in house)	Scheduled Check					
RF generator R&S SMF100A	SN: 100184	19-May-22 (in house check Nov-22)	In house check: Nov-23					
Power sensor R&S NRP18S-10	SN: 101258	31-May-22 (in house check Nov-22)	In house check: Nov-23					
	Name	Function	Signature					
Calibrated by:	Leif Klysner	Laboratory Technician	which appears to the second state of the secon					
Approved by:	Sven Kühn	Technical Manager	Sel Algen S. LS					
This calibration certificate shall no	t be reproduced except ir	n full without written approval of the laboratory.	Issued: February 8, 2023					

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Glossary

CW

Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

Methods Applied and Interpretation of Parameters

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

Calibrated Quantity

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

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

Certificate No: 5G-Veri10-1025_Jan23

Accreditation No.: SCS 0108

Measurement Conditions

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

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
XY Scan Resolution	dx, dy = 7.5 mm	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	10 GHz ± 10 MHz	

Calibration Parameters, 10 GHz

Circular Averaging

	3					
Distance Horn	Prad ¹	Max E-field	Uncertainty	Avg Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+, psPDmod+)		(k = 2)
Measured Plane				(W/m ²)		
				1 cm ²	4 cm ²	
10 mm	86.1	154	1.27 dB	57.6	53.6	1.28 dB

Distance Horn	Prad ¹	Max E-field	Uncertainty	Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	psPDn+, psPDtot+, psPDmod+		(k = 2)
Measured Plane				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	86.1	154	1.27 dB	55.7, 58.5, 58.7	51.7, 54.4, 54.7	1.28 dB

Square Averaging

Distance Horn	Prad ¹	Max E-field	Uncertainty	Avg Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+, psPDmod+)		(k = 2)
Measured Plane				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	86.1	154	1.27 dB	57.6	53.5	1.28 dB

Distance Horn	Prad ¹	Max E-field	Uncertainty	Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	psPDn+, psPDtot+, psPDmod+		(k = 2)
Measured Plane				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	86.1	154	1.27 dB	55.6, 58.5, 58.7	51.6, 54.3, 54.6	1.28 dB

Max Power Density

Distance Horn Aperture to Measured Plane	Prad¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Max Power Density Sn, Stot, Stot (W/m²)	Uncertainty (k = 2)
10 mm	86.1	154	1.27 dB	57.2, 60.3, 60.4	1.28 dB

 $^{^{\}rm 1}$ Assessed ohmic and mismatch loss plus numerical offset: 0.55 dB

Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

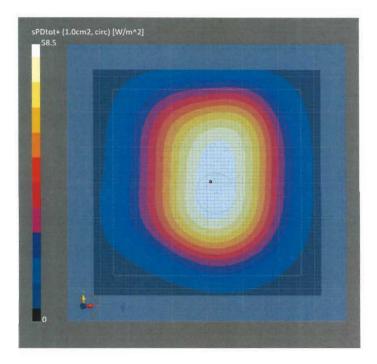
Device under Test Properties

Name, Manufacturer 5G Verification Source 10 Gl	Dimensions [mm Hz 100.0 x 100.0 x 1	-	IMEI SN: 1025	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		Probe, Calibrat EUmmWV3 - SI 2023-01-03	c ion Date N9374_F1-55GHz,	DAE, Calibration Date DAE4ip Sn1602, 2022-06-27
Scan Setup		5G S	Measureme	ent Results	5G Sca
Grid Extents [mm]		120.0 x 12	20.0 Date	- 21	2023-01-19, 13:5

Grid Extents [mm] Grid Steps [lambda] Sensor Surface [mm] MAIA **5G Scan** 120.0 x 120.0 0.25 x 0.25 10.0 MAIA not used

Date Avg. Area [cm²] Avg. Type psPDn+ [W/m²] psPDtot+ [W/m²] psPDmod+ [W/m²] Max(Sn) [W/m²] Max(Stot) [W/m²] Max(|Stot|) [W/m²]

5G Scan 2023-01-19, 13:57 1.00 Circular Averaging 55.7 58.5 58.7 57.2 60.3 60.4 154 0.00



E_{max} [V/m]

Power Drift [dB]

Certificate No: 5G-Veri10-1025_Jan23

Page 4 of 7

Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm		IMEI SN: 1025	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		Probe, Calibration D EUmmWV3 - SN9374 2023-01-03		DAE, Calibration Date DAE4ip Sn1602, 2022-06-27
Scan Setup Grid Extents [mm] Grid Steps [lambda] Sensor Surface [mm] MAIA		5G S 120.0 x 12 0.25 x 0 1 MAIA not u	20.0 Date 0.25 Avg. Area [cm²] 10.0 Avg. Type		5G Scan 2023-01-19, 13:57 4.00 Circular Averaging 51.7 54.4 54.7

Max(Sn) [W/m²]

Power Drift [dB]

E_{max} [V/m]

Max(Stot) [W/m²]

Max(|Stot|) [W/m²]

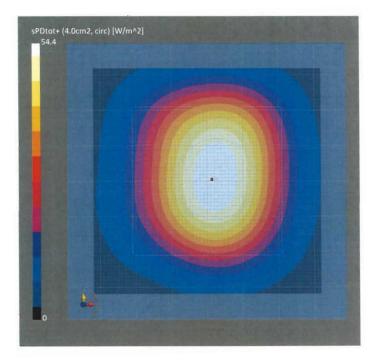
57.2

60.3

60.4

154

0.00



DASY Report

MAIA

Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm Hz 100.0 x 100.0 x 1	-	IMEI SN: 1025	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		Probe, Calibr . EUmmWV3 - 2023-01-03	ation Date SN9374_F1-55GHz,	DAE, Calibration Date DAE4ip Sn1602, 2022-06-27
Scan Setup		56.9	Measurem	ent Results	5G Scan
Grid Extents [mm] Grid Steps [lambda] Sensor Surface [mm]		120.0 x 1 0.25 x	20.0 Date 0.25 Avg. Area [c 10.0 Avg. Type	:m²]	2023-01-19, 13:57 1.00 Square Averaging

MAIA not used

psPDn+ [W/m²]

psPDtot+ [W/m²] psPDmod+ [W/m²]

Max(Sn) [W/m²]

E_{max} [V/m]

Max(Stot) [W/m²]

Power Drift [dB]

Max(|Stot|) [W/m²]

55.6 58.5

58.7

57.2

60.3

60.4

154

0.00

sPDtot+ (1.0cm2, sq) [W/m^2]

DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Pro Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm		IMEI SN: 1025	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	CW	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		Probe, Calibration Da EUmmWV3 - SN9374 2023-01-03		DAE, Calibration Date DAE4ip Sn1602, 2022-06-27
Scan Setup			Measurement Re	sults	
Grid Extents [mm] Grid Steps [lambda] Sensor Surface [mm] MAIA		5G S 120.0 x 12 0.25 x 0 1 MAIA not u	20.0 Date 0.25 Avg. Area [cm ²] 10.0 Avg. Type		5G Scan 2023-01-19, 13:57 4.00 Square Averaging 51.6 54.3

psPDmod+ [W/m²]

Max(Sn) [W/m²]

Power Drift [dB]

E_{max} [V/m]

Max(Stot) [W/m²]

Max(|Stot|) [W/m²]

54.6

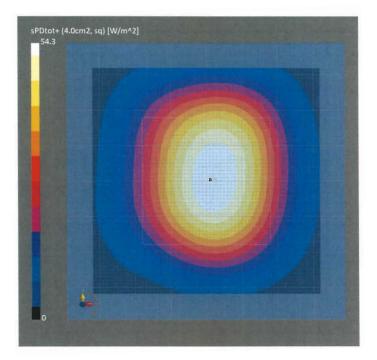
57.2

60.3

60.4

154

0.00



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



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Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Client

B.V. ADT (Auden)

Certificate No

EX-7472_May22

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7472
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	May 27, 2022
This calibration certificate do	cuments 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	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: 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
Calibrated by	Jeton Kastrati	Laboratory Technician	40
			122
Approved by	Sven Kühn	Technical Manager	54
			Issued: June 9, 2022
This calibration certificate	shall not be reproduced except in	n full without written approval of the	laboratory.

Calibration Laboratory of

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



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S Swiss Calibration Service

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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	arphi rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

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

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (<i>k</i> = 2)
Norm $(\mu V/(V/m)^2)^A$	0.59	0.48	0.42	±10.1%
DCP (mV) ^B	99.0	98.5	99.0	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
			dB	dBõV		dB	mV	dev.	Unc ^E
									<i>k</i> = 2
0	CW	Х	0.00	0.00	1.00	0.00	150.4	±2.2%	±4.7%
		Y	0.00	0.00	1.00		158.1		
		Z	0.00	0.00	1.00		165.6]	
10352	Pulse Waveform (200Hz, 10%)	Х	20.00	90.37	19.99	10.00	60.0	±3.2%	±9.6%
		Y	1.76	62.35	7.95	1	60.0]	
		Z	2.74	66.86	10.59	1	60.0]	
10353	Pulse Waveform (200Hz, 20%)	X	20.00	92.20	19.79	6.99	80.0	±2.3%	±9.6%
		Y	0.89	60.42	6.08		80.0	1	
		Z	1.63	65.82	9.12		80.0	1	
10354	Pulse Waveform (200Hz, 40%)	X	20.00	97.79	21.10	3.98	95.0	±1.3%	±9.6%
		Y	0.46	60.00	5.04		95.0	1	
		Z	0.52	61.90	6.23		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	108.77	24.65	2.22	120.0	±1.5%	±9.6%
		Y	0.27	60.00	4.49		120.0	1	
		Z	0.23	60.00	4.03		120.0	1	
10387	QPSK Waveform, 1 MHz	Х	1.93	69.27	16.90	1.00	150.0	±3.1%	±9.6%
		Y	1.81	69.42	16.50	1	150.0	1	
		Z	1.40	65.57	13.96		150.0	1	
10388	QPSK Waveform, 10 MHz	Х	2.65	71.43	17.68	0.00	150.0	±1.5%	±9.6%
		Y	2.28	69.40	16.78	1	150.0	1	
		Z	1.90	66.42	14.86	1	150.0	1	
10396	64-QAM Waveform, 100 kHz	Х	3.13	72.18	20.25	3.01	150.0	±1.5%	±9.6%
		Y	2.17	67.04	17.92	1	150.0	1	
		Z	2.05	65.80	16.74	1	150.0		
10399	64-QAM Waveform, 40 MHz	X	3.72	68.35	16.69	0.00	150.0	±2.2%	±9.6%
		Y	3.50	67.46	16.19	1	150.0	1	
		Z	3.26	66.28	15.31	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	5.03	66.29	16.14	0.00	150.0	±4.0%	±9.6%
		Y	4.74	65.75	15.78	1	150.0	1	
		Z	4.56	65.18	15.29	1	150.0	1	

Note: For details on UID parameters see Appendix

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

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

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

Sensor Model Parameters

		C1 fF	C2 fF	α V ⁻¹	T1 msV ^{−2}	T2 msV ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
ſ	Х	47.3	364.27	37.77	13.07	0.06	5.10	0.24	0.44	1.01
ľ	у	35.2	265.91	36.48	6.88	0.00	4.96	0.00	0.23	1.01
ſ	Z	33.7	254.45	36.26	3.82	0.00	5.03	0.00	0.25	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-96.4°
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	
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.

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (<i>k</i> = 2)
750	41.9	0.89	10.50	10.50	10.50	0.52	0.80	±12.0%
835	41.5	0.90	10.10	10.10	10.10	0.49	0.80	±12.0%
1450	40.5	1.20	8.93	8.93	8.93	0.43	0.80	±12.0%
1750	40.1	1.37	8.80	8.80	8.80	0.42	0.86	±12.0%
1900	40.0	1.40	8.44	8.44	8.44	0.34	0.86	±12.0%
2000	40.0	1.40	8.33	8.33	8.33	0.30	0.86	±12.0%
2300	39.5	1.67	8.14	8.14	8.14	0.31	0.90	±12.0%
2450	39.2	1.80	7.89	7.89	7.89	0.30	0.90	±12.0%
2600	39.0	1.96	7.59	7.59	7.59	0.38	0.90	±12.0%
3300	38.2	2.71	7.29	7.29	7.29	0.35	1.35	±13.1%
3500	37.9	2.91	7.22	7.22	7.22	0.35	1.35	±13.1%
3700	37.7	3.12	7.20	7.20	7.20	0.40	1.35	±13.1%
3900	37.5	3.32	6.98	6.98	6.98	0.40	1.60	±13.1%
4100	37.2	3.53	6.60	6.60	6.60	0.40	1.60	±13.1%
4200	37.1	3.63	6.55	6.55	6.55	0.40	1.60	±13.1%
4400	36.9	3.84	6.40	6.40	6.40	0.40	1.70	±13.1%
4600	36.7	4.04	6.38	6.38	6.38	0.40	1.70	±13.1%
4800	36.4	4.25	6.35	6.35	6.35	0.40	1.80	±13.1%
4950	36.3	4.40	6.01	6.01	6.01	0.40	1.80	±13.1%
5250	35.9	4.71	5.89	5.89	5.89	0.40	1.80	±13.1%
5600	35.5	5.07	5.04	5.04	5.04	0.40	1.80	±13.1%
5750	35.4	5.22	5.28	5.28	5.28	0.40	1.80	±13.1%

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

^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.

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

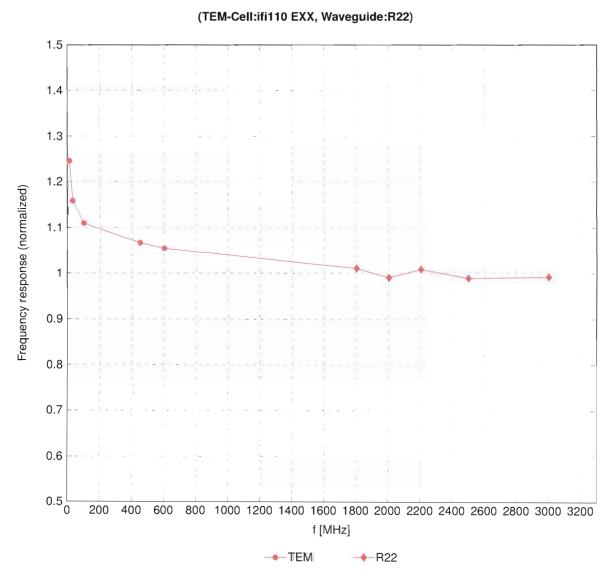
Calibration Parameter Determined in Head Tissue Simulating Media

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

^C Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration 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

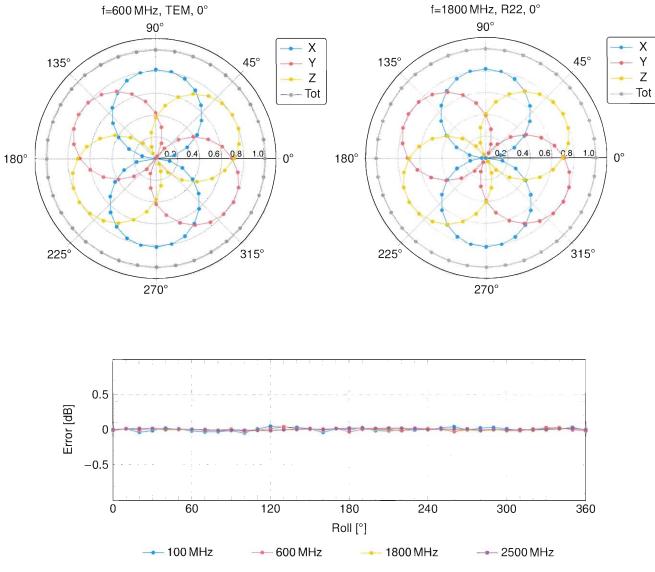
values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^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; 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.



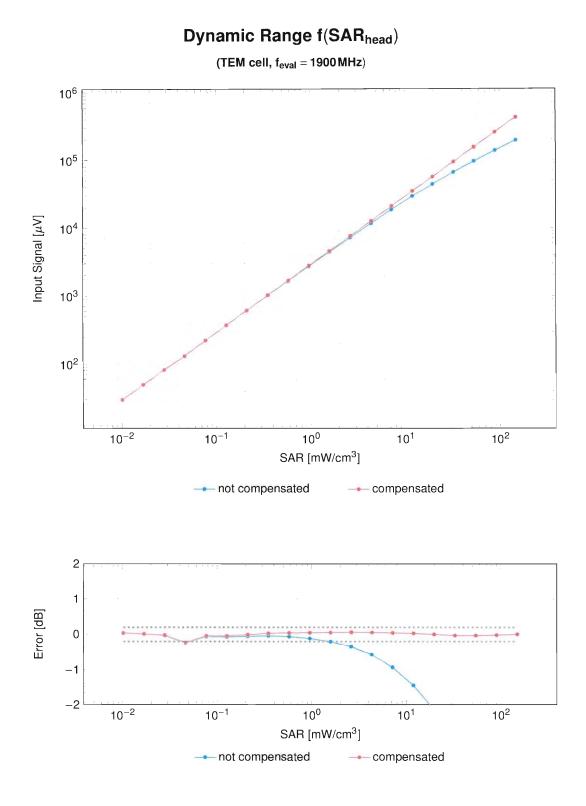
Frequency Response of E-Field

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

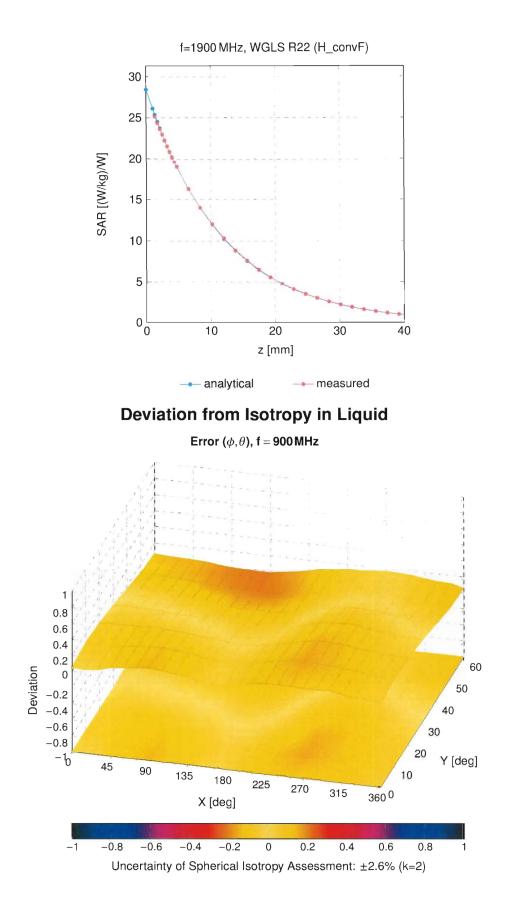


Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

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



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



Conversion Factor Assessment

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
0		CW	CW	0.00	±4.7
10010	CAA	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10012	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10013	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10021	DAC	GPRS-FDD (TDMA, GMSK) GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
			GSM	6.56	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)		12.62	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM		
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10055	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, 0.5 Mbps)			
10061	CAD	IEEE 802.110 WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
	CAD		WLAN	8.68	±9.6
10063	-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10100	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	
10102	DAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 04-QAM)			±9.6
			LTE-TDD	9.29	±9.6
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAE	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
		LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	E 7E	10.6
10110	CAG CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	5.75	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAG	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	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAC	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	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD LTE-FDD	10.05	±9.6 ±9.6
10154	CAF CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 10-QAM)	LTE-FDD	5.79	±9.6
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 10-QAM)	LTE-FDD	6.62	±9.6
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	AAE	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	CAG CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.72	±9.6
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.52	±9.6
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)	LTE-FDD	5.73	±9.6
10185	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 4 FSK)	LTE-FDD	6.51	±9.6
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 10-QAM)	LTE-FDD	6.50	±9.6
10187	0,00				±9.6
	CAG	LTE-FDD (SC-FDMA, 1 RB. 1.4 MHz, OPSK)	LTE-FDD	5.73	+90
	CAG CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD LTE-FDD	5.73 6.52	
10188 10189	CAG CAG CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.52	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)			
10188 10189	CAG CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD LTE-FDD	6.52 6.50	±9.6 ±9.6
10188 10189 10193	CAG CAE CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	LTE-FDD LTE-FDD WLAN	6.52 6.50 8.09	±9.6 ±9.6 ±9.6
10188 10189 10193 10194	CAG CAE CAE AAD	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	LTE-FDD LTE-FDD WLAN WLAN	6.52 6.50 8.09 8.12	$ \pm 9.6 \pm 9.6 \pm 9.6 \pm 9.6 \pm 9.6 $
10188 10189 10193 10194 10195	CAG CAE CAE AAD CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	LTE-FDD LTE-FDD WLAN WLAN WLAN	6.52 6.50 8.09 8.12 8.21	$ \pm 9.6 $
10188 10189 10193 10194 10195 10196 10197 10198	CAG CAE CAE AAD CAE CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	LTE-FDD LTE-FDD WLAN WLAN WLAN WLAN WLAN WLAN	6.52 6.50 8.09 8.12 8.21 8.10	$ \begin{array}{r} \pm 9.6 \\ \end{array} $
10188 10189 10193 10194 10195 10196 10197	CAG CAE CAE AAD CAE CAE AAE CAF CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	LTE-FDD UTE-FDD WLAN WLAN WLAN WLAN WLAN	6.52 6.50 8.09 8.12 8.21 8.10 8.13	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10188 10193 10193 10194 10195 10196 10197 10198 10219 10220	CAG CAE CAE AAD CAE CAE AAE CAF CAF AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 6.5 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	LTE-FDD LTE-FDD WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	6.52 6.50 8.09 8.12 8.21 8.10 8.13 8.27	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10188 10193 10193 10194 10195 10196 10197 10198 10219 10220 10221	CAG CAE CAE AAD CAE CAE CAE CAF CAF AAF CAC	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 6.5 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	LTE-FDD LTE-FDD WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	6.52 6.50 8.09 8.12 8.21 8.10 8.13 8.27 8.03 8.13 8.27	$\begin{array}{r} \pm 9.6 \\ \pm 9.6 \end{array}$
10188 10193 10193 10194 10195 10196 10197 10198 10219 10220 10221 10222	CAG CAE CAE AAD CAE CAE AAE CAF CAF CAF CAC CAC	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	LTE-FDD LTE-FDD WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	6.52 6.50 8.09 8.12 8.11 8.11 8.13 8.27 8.03 8.13 8.27 8.03 8.13 8.27	$\begin{array}{r} \pm 9.6 \\ \pm 9.6 \end{array}$
10188 10193 10193 10194 10195 10196 10197 10198 10219 10220 10221	CAG CAE CAE AAD CAE CAE CAE CAF CAF AAF CAC	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 6.5 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	LTE-FDD LTE-FDD WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	6.52 6.50 8.09 8.12 8.21 8.10 8.13 8.27 8.03 8.13 8.27	$\begin{array}{r} \pm 9.6 \\ \pm 9.6 \end{array}$

UID	Rev	Communication System Name	Group		Unc ^E $k = 2$
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CĀD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	ĊĀG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CĀG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAB	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	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAG	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	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAF	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	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAD	PHS (QPSK)	PHS	11.81	±9.6
10278	CAD	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAG	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
100-	CAC	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10301		IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	±9.6
10302	CAB				
10302 10303	CAB	IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10302 10303 10304	CAB CAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6
10302 10303	CAB			_	

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10307	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC)	WiMAX	14.49	±9.6
10308	AAB	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAB	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM,AMC 2x3)	WiMAX	14.58	±9.6
10310	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3	WiMAX	14.57	±9.6
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAD	iDEN 1:3	iDEN	10.51	±9.6
10314	AAD	iDEN 1:6	iDEN	13.48	±9.6
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	±9.6
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200 Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200 Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200 Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200 Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200 Hz, 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	AAD	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc dc)	WLAN	8.37	±9.6
10401	AAA	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc dc)	WLAN	8.60	±9.6
10402	AAA	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc dc)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	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	AAA	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	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAB	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAB	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	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAA	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	AAA	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	AAC	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc dc)	WLAN	8.63	±9.6
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	±9.6
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	±9.6
10464	AAD	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	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10468					
10468 10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	±9.6
	AAD AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD LTE-TDD	7.82	±9.6 ±9.6

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10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	±9.6
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	±9.6
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	±9.6
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	±9.6
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Sub)	LTE-TDD	7.59	±9.6
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	±9.6
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	±9.6
10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	±9.6
10489	AAC	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	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 61 SK, 62 Sub)	LTE-TDD	8.37	±9.6
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6
10490	AAE	LTE-TDD (SC-FDMA, 100% RB, 2011, 04-QAM, 02 Sub)	LTE-TDD	7.67	±9.6
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	±9.6
10499	AAF	LTE-TDD (SC-FDMA, 100% RB, 144 Min2, 04-04 Mi, 02 Sub)	LTE-TDD	7.67	±9.6
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GFSK, 02 Sub)	LTE-TDD	8.44	±9.6
10502	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)		8.52	
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 04-QAM, 0L Sub)	LTE-TDD		±9.6
10503	AAB		LTE-TDD	7.72	±9.6
		LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	±9.6
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10507	AAC	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 10510	AAF AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Sub)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	±9.6
		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	±9.6
10512	AAF AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10513		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	±9.6
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	±9.6
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	±9.6
10518	AAF AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	±9.6
10519 10520	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±9.6
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	±9.6
	AAB	IEEE 802.11 a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	±9.6
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	±9.6
10523		IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc dc)	WLAN	8.36	±9.6
10526	AAF	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc dc)	WLAN	8.42	±9.6
10527	AAF	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc dc)	WLAN	8.21	±9.6
10528	AAF	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc dc)	WLAN	8.36	±9.6
10529	AAF AAF	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc dc)	WLAN	8.36	±9.6
10531		IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc dc)	WLAN	8.43	±9.6
10532	AAF	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6
10533	AAE	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6
10534	AAE	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc dc)	WLAN	8.45	±9.6
10535	AAE	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6
10536	AAF	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc dc)	WLAN	8.32	±9.6
	AAF	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc dc)	WLAN	8.44	±9.6
10537					
10537 10538 10540	AAF	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc dc) IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc dc)	WLAN WLAN	8.54	±9.6

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10541	AAA	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc dc)	WLAN	8.46	±9.6
10542	AAA	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc dc)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc dc)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc dc)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc dc)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc dc)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc dc)	WLAN	8.37	_±9.6_
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc dc)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc dc)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc dc)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc dc)	WLAN	8.45	±9.6
10554	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc dc)	WLAN	8.48	±9.6
10555	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc dc)	WLAN	8.47	±9.6
10556	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc dc)	WLAN	8.50	±9.6
10557	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc dc)	WLAN	8.52	±9.6
10558	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc dc)	WLAN	8.61	±9.6
10560	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc dc)	WLAN	8.73	±9.6
10561	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc dc)	WLAN	8.56	±9.6
10562	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc dc)	WLAN	8.69	±9.6
10563	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc dc)	WLAN	8.77	±9.6
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	±9.6
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	±9.6
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	±9.6
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	±9.6
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	±9.6
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	±9.6
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	±9.6
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	±9.6
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	±9.6
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	±9.6
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	±9.6
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.6
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6
10579	AAD AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6
10580 10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.76	±9.6
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OF DM, 48 Mipps, 50pc dc)	WLAN	8.67	±9.6
10582	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN		
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.70	±9.6 ±9.6
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 16 Mbps, 90pc dc)	WLAN	8.36	±9.6
10587	AAA	IEEE 802.11a/n WiFI 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6
10500	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6
10590	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc dc)	WLAN	8.63	±9.6
10592	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 30pc dc)	WLAN	8.79	±9.6
10593	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc dc)	WLAN	8.64	±9.6
10594	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc dc)	WLAN	8.74	±9.6
10595	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc dc)	WLAN	8.74	±9.6
10596	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc dc)	WLAN	8.71	±9.6
10597	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc dc)	WLAN	8.72	±9.6
10598	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc dc)	WLAN	8.50	±9.6
10599	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc dc)	WLAN	8.79	±9.6
10600	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
10601	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc dc)	WLAN	8.82	±9.6
10602	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc dc)	WLAN	8.94	±9.6
	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc dc)	WLAN	9.03	±9.6
10603			WLAN	8.76	±9.6
10603 10604	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc dc)			
	AAA AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc dc)	WLAN	8.97	±9.6
10604					
10604 10605	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc dc)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc dc)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc dc)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc dc)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc dc)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc dc)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc dc)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc dc)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc dc)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc dc)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc dc)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6
10636	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
10637	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
10638	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6
10639	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
10640	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc dc)	WLAN	8.98	±9.6
10641	AAC	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc dc)	WLAN	9.06	±9.6
10642	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc dc)	WLAN	9.06	±9.6
10643	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6
10644	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc dc)	WLAN	9.05	±9.6
10645	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc dc)	WLAN	9.11	±9.6
10646 10647	AAC AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	±9.6
10648	AAC	CDMA2000 (1x Advanced)	LTE-TDD CDMA2000	11.96	±9.6 ±9.6
10648	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	3.45	±9.6
10652	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10654	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD		
10655	AAC	LTE-TDD (OFDMA, 13MH2, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAC	Pulse Waveform (200 Hz, 10%)	Test	7.21	±9.6
10658	AAC	Pulse Waveform (200 Hz, 10%)	Test	6.99	±9.6 ±9.6
10659	AAC	Pulse Waveform (200 Hz, 20%)	Test	3.98	±9.6
10661	AAC	Pulse Waveform (200 Hz, 40%)	Test	2.22	±9.6
10662	AAC	Pulse Waveform (200 Hz, 80%)	Test	0.97	±9.6
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10670	AAD	IEEE 802.11ax (20 MHz, MCS0, 90pc dc)	WLAN	9.09	±9.6
10672	AAD	IEEE 802.11ax (20 MHz, MCS0, 90pc dc)	WLAN	8.57	±9.6
10672	AAD	IEEE 802.11ax (20 MHz, MCS2, 90pc dc)	WLAN	8.78	±9.6
10674	AAD	IEEE 802.11ax (20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
10675	AAD	IEEE 802.11ax (20 MHz, MCS4, 90pc dc)	WLAN	8.90	±9.6
10676	AAD	IEEE 802.11ax (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10677	AAD	IEEE 802.11ax (20 MHz, MCS6, 90pc dc)	WLAN	8.73	±9.6
10678	AAD	IEEE 802.11ax (20 MHz, MCS7, 90pc dc)	WLAN	8.78	±9.6
10679	AAD	IEEE 802.11ax (20 MHz, MCS8, 90pc dc)	WLAN	8.89	±9.6
10680	AAD	IEEE 802.11ax (20 MHz, MCS9, 90pc dc)	WLAN	8.80	±9.6
10681	AAG	IEEE 802.11ax (20 MHz, MCS10, 90pc dc)	WLAN	8.62	±9.6
10682	AAF	IEEE 802.11ax (20 MHz, MCS11, 90pc dc)	WLAN	8.83	±9.6
10683	AAA	IEEE 802.11ax (20 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc dc)	WLAN	8.26	±9.6
10004			WLAN		
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc dc)	I VVLAIN	8.33	±9.6

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10687	AAE	IEEE 802.11ax (20 MHz, MCS4, 99pc dc)	WLAN	8.45	±9.6
10688	AAE	IEEE 802.11ax (20 MHz, MCS5, 99pc dc)	WLAN	8.29	±9.6
10689	AAD	IEEE 802.11ax (20 MHz, MCS6, 99pc dc)	WLAN	8.55	±9.6
10690	AAE	IEEE 802.11ax (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6
10691	AAB	IEEE 802.11ax (20 MHz, MCS8, 99pc dc)	WLAN	8.25	±9.6
10692	AAA	IEEE 802.11ax (20 MHz, MCS9, 99pc dc)	WLAN	8.29	±9.6
10693	AAA	IEEE 802.11ax (20 MHz, MCS10, 99pc dc)	WLAN	8.25	±9.6
10694	AAA	IEEE 802.11ax (20 MHz, MCS11, 99pc dc)	WLAN	8.57	±9.6
10695	AAA	IEEE 802.11ax (40 MHz, MCS0, 90pc dc)	WLAN	8.78	±9.6
10696	AAA	IEEE 802.11ax (40 MHz, MCS1, 90pc dc)	WLAN	8.91	±9.6
10697	AAA	IEEE 802.11ax (40 MHz, MCS2, 90pc dc)	WLAN	8.61	±9.6
10698	AAA	IEEE 802.11ax (40 MHz, MCS3, 90pc dc)	WLAN	8.89	±9.6
10699	AAA	IEEE 802.11ax (40 MHz, MCS4, 90pc dc)	WLAN	8.82	±9.6
10700	AAA	IEEE 802.11ax (40 MHz, MCS5, 90pc dc)	WLAN	8.73	±9.6
10701	AAA	IEEE 802.11ax (40 MHz, MCS6, 90pc dc)	WLAN	8.86	±9.6
10702	AAA	IEEE 802.11ax (40 MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6
10703	AAA	IEEE 802.11ax (40 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10704	AAA	IEEE 802.11ax (40 MHz, MCS9, 90pc dc)	WLAN	8.56	±9.6
10705	AAA	IEEE 802.11ax (40 MHz, MCS10, 90pc dc)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc dc)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc dc)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc dc)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc dc)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc dc)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc dc)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc dc)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc dc)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc dc)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc dc)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc dc)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc dc)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc dc)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc dc)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc dc)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc dc)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc dc)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc dc)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc dc)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc dc)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc dc)	WLAN	8.67	±9.6
10731	AAC AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc dc) IEEE 802.11ax (80 MHz, MCS1, 99pc dc)	WLAN WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc dc)		8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc dc)	WLAN WLAN	8.40	±9.6 ±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc dc)	WLAN	8.33	
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc dc)	WLAN	8.27	±9.6 ±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc dc)	WLAN	8.30	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc dc)	WLAN		
10739	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc dc)	WLAN	8.29	±9.6 ±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc dc)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc dc)	WLAN	8.93	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc dc)	WLAN	9.11	±9.6
10740	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc dc)	WLAN	9.04	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc dc)	WLAN	8.93	±9.6
	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc dc)	WLAN	8.93	±9.6
	I AAU			0.00	<u> </u>
10749		IEEE 802.11ax (160 MHz, MCS7, 90nc dc)	WIAN	8 79	+9.6
	AAC AAC AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc dc) IEEE 802.11ax (160 MHz, MCS8, 90pc dc)	WLAN WLAN	8.79 8.82	±9.6 ±9.6

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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc dc)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc dc)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc dc)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc dc)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc dc)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc dc)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc dc)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc dc)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc dc)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc dc)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc dc)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc dc)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc dc)	WLAN	8.51	±9.6
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAC	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	AAC	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	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAE	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	AAD	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	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10021	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10821		TO NO OF OF OF ON ON OF ON ON OF ON	5G NR FR1 TDD	0.26	±9.6
	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	JUNKINI	8.36	20.0
10822		5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10822 10823	AAC				
10822 10823 10824	AAC AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39 8.41	±9.6

ŪID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	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	<u>±9.6</u>
10864	AAE	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 AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878 10879	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	8.41	±9.6
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)		8.12	±9.6
10880	AAD	5G NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz)	5G NR FR2 TDD 5G NR FR2 TDD	8.38 5.75	±9.6 ±9.6
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 KHz)		6.57	
10883	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD 5G NR FR2 TDD		±9.6
10885	AAD	5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 120 KHz)	5G NR FR2 TDD	6.53 6.61	±9.6 ±9.6
10885	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	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
		5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAD				
10906 10907	AAD AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
			5G NR FR1 TDD 5G NR FR1 TDD		±9.6 ±9.6
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)		5.78	

10911 AAD 5G NR (DFT=CPEM, 50% RB, 25MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.43 ±9.6 10912 AAD 5G NR (DFT=CPEM, 50% RB, 30 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.44 ±9.6 10913 AAD 5G NR (DFT=CPEM, 50% RB, 50 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.83 ±9.6 10916 AAD 5G NR (DFT=CPEM, 50% RB, 50 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.84 ±9.6 10917 AAD 5G NR (DFT=CPEM, 50% RB, 20 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.84 ±9.6 10917 AAD 5G NR (DFT=CPEM, 100% RB, 20 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.86 ±9.6 10918 AAD 5G NR (DFT=CPEM, 100% RB, 20 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.86 ±9.6 10924 AAD 5G NR (DFT=CPEM, 100% RB, 20 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.44 ±9.6 10924 AAD 5G NR (DFT=CPEM, 100% RB, 20 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.44 ±9.6 10924 AAD 5G NR (DFT=CPEM, 100% RB, 20 MHz, CPEK, 30 Hz) 5G NR FR1 TDD 5.54 ±9.6 10924 <th>UID</th> <th>Rev</th> <th>Communication System Name</th> <th>Group</th> <th>PAR (dB)</th> <th>$Unc^E k = 2$</th>	UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10914 ADD 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 50% RB, 30MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 10MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 10MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 10MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (DFT-SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT-SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz, QPSK, 30 Hz) 5G NH (FTT OF SOFDM, 100% RB, 20MHz,				5G NR FR1 TDD	5.93	±9.6
10915 ADD 50 NR [DF1-G/DF0M, 50% RB, 50/MH-2, OP5K, 30 /H2) 50 NN FP1 TDD 5.883 9.96 10915 ADD 50 NR [DF1-G/DF0M, 50% RB, 50/MH-2, OP5K, 30 /H2) 50 NN FP1 TDD 5.97 9.96 10916 ADD 50 NR [DF1-G/DF0M, 50% RB, 10/MH-2, OP5K, 30 /H2) 50 NN FP1 TDD 5.94 9.96 10917 ADD 50 NR [DF1-G/DF0M, 100% RB, 10/ML2, OP5K, 30 /H2) 50 NN FP1 TDD 5.86 9.96 10918 ADD 50 NR [DF1-G/DF0M, 100% RB, 10/ML2, OP5K, 30 /H2) 50 NN FP1 TDD 5.87 9.96 10921 ADD 50 NR [DF1-G/DF0M, 100% RB, 10/ML2, OP5K, 30 /H2) 50 NN FP1 TDD 5.84 9.96 10922 ADD 50 NR [DF1-G/DF0M, 100% RB, 40/ML2, OP5K, 30 /H2) 50 NN FP1 TDD 5.84 9.96 10923 ADD 50 NR [DF1-G/DF0M, 100% RB, 40/ML2, OP5K, 30 /H2) 50 NR FP1 TDD 5.84 9.86 10924 ADD 50 NR [DF1-G/DF0M, 100% RB, 40/ML2, OP5K, 30 /H2) 50 NR FP1 TDD 5.84 9.86 10926 ADD 50 NR [DF1-G/DFM, 100% RB, 40/ML2, OP5K, 30 /H2) 50 NR FP1 TDD 5.84 9.86	10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
19915 ADD 56 NR (DFT-GCDML 50% RB, 30.MHz, OPSK, 30.HHz) 56 NN FFRT TDD 5.87 19.9 105916 ADD 56 NR (DFT-GCDML 50% RB, 100.MHz, OPSK, 30.HHz) 56 NN FFRT TDD 5.87 19.9 105917 ADD 56 NR (DFT-GCDML 50% RB, 100.MHz, OPSK, 30.HHz) 56 NN FFRT TDD 5.86 19.6 10592 ADD 56 NR (DFT-GCDML 100% RB, 15.MHz, OPSK, 30.HHz) 56 NR FFRT TDD 5.84 19.8 10592 ADD 56 NR (DFT-GCDML 100% RB, 20.MHz, OPSK, 30.HHz) 56 NR FFRT TDD 5.84 19.8 10592 ADD 56 NR (DFT-GCDML 100% RB, 20.MHz, OPSK, 30.HHz) 56 NR FFRT TDD 5.84 19.6 10592 ADD 56 NR (DFT-GCDML 100% RB, 20.MHz, OPSK, 30.HHz) 56 NR FFRT TDD 5.84 19.6 10592 ADD 56 NR (DFT-GCDML 100% RB, 20.MHz, OPSK, 30.HHz) 56 NR FFRT TDD 5.84 19.6 10592 ADD 56 NR (DFT-GCDML 100% RB, 20.MHz, OPSK, 15.HHz) 56 NR FFRT TDD 5.84 19.6 10592 ADD 56 NR (DFT-GCDML 100% RB, 20.MHz, OPSK, 15.HHz) 56 NR FFRT DDD 5.81 19.6	10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10916 ADD 5G NR (DFI-GCDM, 50% RB, 50MHz, QPSK, 30 Hz) 5G NR FPT TDD 5.94 4.96 10917 ADD 5G NR (DFI-S-GDM, 50% RB, 50MHz, QPSK, 30 Hz) 5G NR FPT TDD 5.86 4.96 10918 ADD 5G NR (DFI-S-GDM, 100% RB, 10MHz, QPSK, 30 Hz) 5G NR FPT TDD 5.86 4.96 10928 ADD 5G NR (DFI-S-GDM, 100% RB, 10MHz, QPSK, 30 Hz) 5G NR FPT TDD 5.87 4.96 10928 ADD 5G NR (DFI-S-GDM, 100% RB, 20 MHz, QPSK, 30 Hz) 5G NR FPT TDD 5.84 4.96 10927 ADD 5G NR (DFI-S-GDM, 100% RB, 20 MHz, QPSK, 30 Hz) 5G NR FPT TDD 5.84 4.96 10927 ADD 5G NR (DFI-S-GDM, 100% RB, 20 MHz, QPSK, 30 Hz) 5G NR FPT TDD 5.84 4.96 10927 ADD 5G NR (DFI-S-GDM, 100% RB, 20 MHz, QPSK, 15 Hz) 5G NR FPT TDD 5.84 4.96 10928 ADD 5G NR (DFI-S-GDM, 100% RB, 20 MHz, QPSK, 15 Hz) 5G NR FPT TDD 5.92 4.96 10928 ADD 5G NR (DFI-S-GDM, 17R, 20 MHz, QPSK, 15 Hz) 5G NR FPT TDD 5.52 4.96 1092	10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
1997 AD 50 NR (DFT-CPUM, 50% RB, 100 MHz, OPSK, 30 H42) 50 NN FF1 TDD 5.96 9.96 1998 AD 50 NR (DFT-CPUM, 100% RB, 104Hz, OPSK, 30 H42) 50 NN FF1 TDD 5.86 9.96 1699 AD 50 NR (DFT-CPUM, 100% RB, 104Hz, OPSK, 30 H42) 50 NN FF1 TDD 5.87 4.96 16920 AD 50 NR (DFT-CPUM, 100% RB, 20 MHz, OPSK, 30 H42) 50 NN FF1 TDD 5.84 4.96 10923 AD 50 NR (DFT-CPUM, 100% RB, 20 MHz, OPSK, 30 H42) 50 NR FF1 TDD 5.84 4.96 10924 AD 50 NR (DFT-CPUM, 100% RB, 20 MHz, OPSK, 30 H42) 50 NR FF1 TDD 5.84 4.96 10924 AD 50 NR (DFT-CPUM, 100% RB, 40 MHz, OPSK, 30 H42) 50 NR FF1 TDD 5.84 4.96 10924 AD 50 NR (DFT-CPUM, 100% RB, 40 MHz, OPSK, 30 H42) 50 NR FF1 TDD 5.84 4.96 10924 AD 50 NR (DFT-CPUM, 100% RB, 40 MHz, OPSK, 15 H42) 50 NR FF1 TDD 5.94 4.96 10924 AD 50 NR (DFT-CPUM, 118, 50 MHz, OPSK, 15 H42) 50 NR FF1 TDD 5.91 4.96 10933	10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10917 ADD 5G NR (DFF-GCENL, 50%, RB, 100,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 100,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 100,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 100,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 20,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 20,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 20,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 20,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 20,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 30,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 30,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 30,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 30,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 50,MHz, OPSK, 30 MHz) 5G NR (DFF-GCENL, 100%, RB, 50,MHz, OPSK, 30 MHz) 5G NR (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 30 MHz) 5G NR (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 30 MHz) 5G NR (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 30 MHz) 5G NR (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 15 Hz) 5G NR (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 100%, RB, 50,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 10%, S0%, RB, 10,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 10%, S0%, RB, 10,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 10%, S0%, RB, 10,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 10%, S0%, RB, 10,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 10%, S0%, RB, 10,MHz, OPSK, 15 Hz) 5N R (FFF-GCENL, 10%, S0%, RB, 10	10916	AAD		5G NR FR1 TDD	5.87	±9.6
19919 AD SG NR (DFT-S-OFDM, 100%, RB, SMHz, OPSK, 30 HHz) SG NR (FFN 100) 5.88 1.996 19919 AD SG NR (DFT-S-OFDM, 100%, RB, 15MHz, OPSK, 30 HHz) SG NR IPFN 100) 5.84 1.996 10921 AD SG NR (DFT-S-OFDM, 100%, RB, 25MHz, OPSK, 30 HHz) SG NR IPFN 100) 5.84 1.996 10924 AD SG NR (DFT-S-OFDM, 100%, RB, 30 MHz, OPSK, 30 HHz) SG NR IPFN 100) 5.84 1.996 10924 AD SG NR (DFT-S-OFDM, 100%, RB, 30 MHz, OPSK, 30 HHz) SG NR IPFN 100) 5.84 1.996 10926 AD SG NR (DFT-S-OFDM, 100%, RB, 30 MHz, OPSK, 30 HHz) SG NR IPFN 100) 5.84 1.996 10926 AD SG NR (DFT-S-OFDM, 118, SMHz, OPSK, 15 MHz) SG NR IPFN 100) 5.52 1.966 10928 AD SG NR (DFT-S-OFDM, 118, SMHz, OPSK, 15 HHz) SG NR IPFN 100) 5.52 1.966 10928 AD SG NR (DFT-S-OFDM, 118, SMHz, OPSK, 15 HHz) SG NR IPFN 100) 5.51 1.966 10930 AD SG NR (DFT-S-OFDM, 118, SMHz, OPSK, 15 HHz) SG NR IPFN 100) 5.51 1.966		AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
1982 AAD SG NR IDFL-CPDM, 100%, PB, 15MHz, DPSK, 30 Hz) SG NR IPR 1TDD 5 44 9 8 10821 AAD SG NR IDFL-CPDM, 100%, RB, 25MHz, DPSK, 30 Hz) SG NR IPR 1TDD 5 84 9 8 10822 AAD SG NR IDFL-CPDM, 100%, RB, 25MHz, DPSK, 30 Hz) SG NR IPR 1TDD 5 84 9 8 10824 AAD SG NR IDFL-CPDM, 100%, RB, 20MHz, DPSK, 30 Hz) SG NR IPR 1TDD 5 84 9 8 10925 AAD SG NR IDFL-CPDM, 100%, RB, 30 MHz, OPSK, 15 MHz) SG NR IPR 1TDD 5 44 9 8 10926 AAD SG NR IDFL-CPDM, 100%, RB, 30 MHz, OPSK, 15 MHz) SG NR IPR 1TDD 5 52 19 6 10928 AAD SG NR IDFL-SOFDM, 118, SIMHz, OPSK, 15 HHz) SG NR IPR 1TDD 5 52 19 6 10930 AAD SG NR IDFL-SOFDM, 118, SIMHz, OPSK, 15 HHz) SG NR IPR 1TDD 5 52 19 6 10931 AAD SG NR IDFL-SOFDM, 118, SIMHz, OPSK, 15 HHz) SG NR IPR 1FDD 5 51 19 6 10932 AAB SG NR IDFL-SOFDM, 118, SIMHz, OPSK, 15 HHz) SG NR IPR 1FDD 5 51 19 6 10933 </td <td></td> <td>AAD</td> <td>5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)</td> <td>5G NR FR1 TDD</td> <td>5.86</td> <td>±9.6</td>		AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
Tog21 AAD SG NR IDFT=-OFDM. 100% RB. 20 MHz, OPSK, 30 HHz) SG NR IPF1 TDD 5 82		AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
Tog21 AAD SG NR IDFT=-OFDM. 100%, RB, 20 MHz, OPSK, 30 HHz) SG NR IPFN TDD 5.82 1.96 10922 AAD SG NR IDFT=-OFDM. 100%, RB, 30 MHz, OPSK, 30 HHz) SG NR IPFN TDD 5.84 1.96 10924 AAD SG NR IDFT=-OFDM. 100%, RB, 30 MHz, OPSK, 30 HHz) SG NR IPFN TDD 5.84 1.96 10925 AAD SG NR IDFT=-OFDM. 100%, RB, 50 MHz, OPSK, 30 HHz) SG NR IPTN TDD 5.94 1.96 10926 AAD SG NR IDFT=-OFDM. 100%, RB, 50 MHz, OPSK, 15 MHz) SG NR IPTN TDD 5.94 1.96 10927 AAD SG NR IDFT=-OFDM. 118, 15 MHz, OPSK, 15 MHz) SG NR IPTN TDD 5.52 1.96 10932 AAD SG NR IDFT=-OFDM. 118, 15 MHz, OPSK, 15 MHz) SG NR IPTN TDD 5.51 1.96 10933 AAD SG NR IDFT=-OFDM. 118, 20 MHz, OPSK, 15 HHz) SG NR IPTN TDD 5.51 1.96 10933 AAD SG NR IDFT=-OFDM. 118, 20 MHz, OPSK, 15 HHz) SG NR IPTN DD 5.51 1.96 10933 AAD SG NR IDFT=-OFDM. 118, 20 MHz, OPSK, 15 HHz) SG NR IPTN DD 5.51 1.96	10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
1922 AAD GS NR [PF1-CPEM, 100%; RB, 20MHz, OPSK, 30 Hz] GS NR [PF1 TDD 5.44 +9.6 1922 AAD GS NR [DF1-CPEM, 100%; RB, 20MHz, OPSK, 30 Hz] GS NR [PF1 TDD 5.44 +9.6 1922 AAD GG NR [DF1-CPEM, 100%; RB, 20MHz, OPSK, 30 Hz] GG NR [PF1 TDD 5.44 +9.6 1922 AAD GG NR [DF1-CPEM, 100%; RB, 20MHz, OPSK, 30 Hz] GG NR [PF1 TDD 5.44 +9.6 1922 AAD GG NR [DF1-CPEM, 100%; RB, 20MHz, OPSK, 15 Hz] GG NR [PF1 TDD 5.54 +9.6 1922 AAD GG NR [DF1-CPEM, 118, 100%; RB, 20MHz, OPSK, 15 Hz] GG NR [PF1 FDD 5.52 +9.6 1933 AAD GG NR [DF1-S-CPEM, 118, 20MHz, OPSK, 15 Hz] GG NR [PF1 FDD 5.51 +9.6 1933 AAA GG NR [DF1-S-CPEM, 118, 20MHz, OPSK, 15 Hz] GG NR [PF1 FDD 5.51 +9.6 1933 AAA GG NR [DF1-S-CPEM, 188, 20MHz, OPSK, 15 Hz] GG NR [PF1 FDD 5.51 +9.6 1933 AAA GG NR [DF1-S-CPEM, 50% RB, 15 MHz, OPSK, 15 Hz] GG NR [PF1 FDD 5.90 +9.6 1933 </td <td>10921</td> <td>AAD</td> <td>5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)</td> <td>5G NR FR1 TDD</td> <td>5.84</td> <td>±9.6</td>	10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10921 AAD GS NR [PF1-CPEM, 100%; RB, 20MHz, OPSK, 30 Hz] GS NR PF1 TDD 5.84 +9.6 10926 AAD GS NR [DF1-S-OFDM, 100%; RB, 50MHz, OPSK, 30 Hz] GS NR FR1 TDD 5.84 +9.6 10927 AAD SG NR (DF1-S-OFDM, 100%; RB, 50MHz, OPSK, 30 Hz) GG NR FR1 TDD 5.84 +9.6 10928 AAD GG NR (DF1-S-OFDM, 100%; RB, 50MHz, OPSK, 15 Hz) GG NR FR1 FDD 5.52 +9.6 10928 AAD GG NR (DF1-S-OFDM, 11B, 10MHz, OPSK, 15 Hz) GG NR FR1 FDD 5.52 +9.6 10930 AAD GG NR (DF1-S-OFDM, 11B, 20MHz, OPSK, 15 Hz) GG NR FR1 FDD 5.51 +9.6 10931 AAD GG NR (DF1-S-OFDM, 11B, 20MHz, OPSK, 15 Hz) GG NR FR1 FDD 5.51 +9.6 10933 AAA GG NR (DF1-S-OFDM, 11B, 30MHz, OPSK, 15 Hz) GG NR FR1 FDD 5.51 +9.6 10934 AAA GG NR (DF1-S-OFDM, 10%, RB, 5MHz, OPSK, 15 Hz) GG NR FR1 FDD 5.51 +9.6 10935 AAA GG NR (DF1-S-OFDM, 50%, RB, 15 MHz, OPSK, 15 Hz) GG NR FR1 FDD 5.51 +9.6 10934 </td <td>10922</td> <td>AAD</td> <td>5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)</td> <td>5G NR FR1 TDD</td> <td>5.82</td> <td>±9.6</td>	10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10252 AAD GS NR (DFF-S-OFDM, 100%, RB, GMHz, OPSK, 30 kHz) SG NR FR1 TDD 5.95 +9.6 10827 AAD SG NR (DFF-S-OFDM, 100%, RB, GMHz, OPSK, 30 kHz) SG NN FR1 TDD 5.94 +9.6 10927 AAD SG NR (DFF-S-OFDM, 100%, RB, GMHz, OPSK, 15 kHz) SG NN FR1 TDD 5.94 +9.6 10928 AAD SG NR (DFT-S-OFDM, 17B, 15 MHz, OPSK, 15 kHz) SG NN FR1 FDD 5.52 +9.6 10930 AAD SG NR (DFT-S-OFDM, 17B, 15 MHz, OPSK, 15 kHz) SG NN FR1 FDD 5.51 +9.6 10931 AAD SG NR (DFT-S-OFDM, 17B, 25 MHz, OPSK, 15 kHz) SG NN FR1 FDD 5.51 +9.6 10932 AAB SG NR (DFT-S-OFDM, 17B, 25 MHz, OPSK, 15 kHz) SG NN FR1 FDD 5.51 +9.6 10933 AAA SG NR (DFT-S-OFDM, 17B, 50 MHz, OPSK, 15 kHz) SG NN FR1 FDD 5.51 +9.6 10938 AAC SG NR (DFT-S-OFDM, 50%, RB, 10 MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.51 +9.6 10938 AAB SG NR (DFT-S-OFDM, 50%, RB, 20 MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.82 +9.6	10923	AAD	5G NR (DFT s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10325 AAD G NR [CFT-S-OFDM, 100%, RB, 80 MHz, OPSK, 30 KHz) G NR FR1 TDD 5.44 +9.6 10328 AAD G NR [CFT-S-OFDM, 100%, RB, 80 MHz, OPSK, 15 KHz) G NR FR1 FDD 5.52 +9.6 10328 AAD G NR [CFT-S-OFDM, 17, RB, 10MHz, OPSK, 15 KHz) G NR FR1 FDD 5.52 +9.6 10328 AAD G NR [CFT-S-OFDM, 17, RB, 20MHz, OPSK, 15 KHz) G NR FR1 FDD 5.52 +9.6 10331 AAD G S NR [CFT-S-OFDM, 17, RB, 20MHz, OPSK, 15 KHz) G NR FR1 FDD 5.51 +9.6 10332 AAA G S NR [CFT-S-OFDM, 17, RB, 20MHz, OPSK, 15 KHz) G S NR FR1 FDD 5.51 +9.6 10333 AAA G S NR [CFT-S-OFDM, 17, RB, 20MHz, OPSK, 15 KHz) G S NR FR1 FDD 5.51 +9.6 10383 AAA G S NR [CFT-S-OFDM, 50%, RB, 25 MHz, OPSK, 15 KHz) G S NR FR1 FDD 5.51 +9.6 10383 AAB S G NR [CFT-S-OFDM, 50%, RB, 25 MHz, OPSK, 15 KHz) S G NR FR1 FDD 5.51 +9.6 10383 AAB S G NR [CFT-S-OFDM, 50%, RB, 25 MHz, OPSK, 15 KHz) S G NR FR1 FDD 5.51 +9.6	10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10327 AAD GG NR (DFT-S-OFDM, 100%, RB, 20HL;, OPSK, 15 HL;) GG NR FR1 FDD 5.54 +9.6 10928 AAD SG NR (DFT-S-OFDM, 1 RB, 10MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.52 +9.6 10930 AAD SG NR (DFT-S-OFDM, 1 RB, 10MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.52 +9.6 10931 AAD SG NR (DFT-S-OFDM, 1 RB, 20MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.51 +9.6 10932 AAB SG NR (DFT-S-OFDM, 1 RB, 20MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.51 +9.6 10933 AAA SG NR (DFT-S-OFDM, 1 RB, 40MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.51 +9.6 10934 AAA SG NR (DFT-S-OFDM, 1 RB, 40MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.90 +9.6 10935 AAA SG NR (DFT-S-OFDM, 50%, RB, 5MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.90 +9.6 10936 AAC SG NR (DFT-S-OFDM, 50%, RB, 20MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.90 +9.6 10937 AAB SG NR (DFT-S-OFDM, 50%, RB, 20MHz, OPSK, 15 HL;) SG NN FR1 FDD 5.90 +9.6 1	10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
TOB22 AAD SG NR IDET=OFDM, IT RB, SMHz, OPSK, 15 KHz) SG NR FRI FDD 5.52 +9.6 10929 AAD SG NR (DFT=OFDM, 1 RB, 10MHz, OPSK, 15 KHz) SG NR RFI FDD 5.52 +9.6 10930 AAD SG NR (DFT=OFDM, 1 RB, 20MHz, OPSK, 15 KHz) SG NR RFI FDD 5.51 +9.6 10931 AAA SG NR (DFT=OFDM, 1 RB, 20MHz, OPSK, 15 KHz) SG NR RFI FDD 5.51 +9.6 10933 AAA SG NR (DFT=OFDM, 1 RB, 30MHz, OPSK, 15 KHz) SG NR RFI FDD 5.51 +9.6 10934 AAA SG NR (DFT=OFDM, 1 RB, 50MHz, OPSK, 15 KHz) SG NR RFI FDD 5.51 +9.6 10934 AAA SG NR (DFT=OFDM, 50% RB, 50MHz, OPSK, 15 KHz) SG NR RFI FDD 5.71 +9.6 10937 AAB SG NR (DFT=OFDM, 50% RB, 50MHz, OPSK, 15 KHz) SG NR RFI FDD 5.90 +9.6 10939 AAB SG NR (DFT=OFDM, 50% RB, 20MHz, OPSK, 15 KHz) SG NR FRI FDD 5.82 +9.6 10942 AAB SG NR (DFT=OFDM, 50% RB, 20MHz, OPSK, 15 KHz) SG NR FRI FDD 5.85 +9.6 10944 AA	10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
TOD22 AAD SG NR IDET=:0FDM, I RB, 10MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.52 ±9.6 19931 AAD SG NR IDET=:0FDM, I RB, 20MHz, OPSK, 15 KHz) SG NR RF1 FDD 5.51 ±9.6 19931 AAD SG NR IDET=:0FDM, I RB, 20MHz, OPSK, 15 KHz) SG NR RF1 FDD 5.51 ±9.6 19932 AAA SG NR IDET=:0FDM, I RB, 20MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.51 ±9.6 19933 AAA SG NR IDET=:0FDM, I RB, 40MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.51 ±9.6 19934 AAA SG NR IDET=:0FDM, 50% RB, 5MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.51 ±9.6 19935 AAA SG NR IDET=:0FDM, 50% RB, 5MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.77 ±9.6 19938 AAB SG NR IDET=:0FDM, 50% RB, 20MHz, OPSK, 15 KHz) SG NR RF1 FDD 5.82 ±9.6 19939 AAB SG NR IDET=:0FDM, 50% RB, 20MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.83 ±9.6 19934 AAB SG NR IDET=:0FDM, 50% RB, 30MHz, OPSK, 15 KHz) SG NR FR1 FDD 5.83 ±9.6 19944	10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10930 AAD 5G NR (DFT=0-CPDM, 1 RB, 15MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.51 ±9.6 10931 AAD 5G NR (DFT=0-CPDM, 1 RB, 20MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.51 ±9.6 10932 AAB 5G NR (DFT=0-CPDM, 1 RB, 30MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.51 ±9.6 10934 AAA 5G NR (DFT=0-CPDM, 1 RB, 30MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.51 ±9.6 10935 AAA 5G NR (DFT=0-CPDM, 1 RB, 50MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.51 ±9.6 10937 AAB 5G NR (DFT=0-CPDM, 50%, RB, 10MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.90 ±9.6 10938 AAB 5G NR (DFT=0-CPDM, 50%, RB, 25MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.82 ±9.6 10940 AAB 5G NR (DFT=0-CPDM, 50%, RB, 20MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFT=0-CPDM, 50%, RB, 20MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.83 ±9.6 10944 AAB 5G NR (DFT=0-CPDM, 100%, RB, 10MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.85 ±9.6 19.6	10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
1933 AAD 5G NR (DFT=OFDM, 1 RB, 20MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.51 ±9.6 1932 AAA 5G NR (DFT=OFDM, 1 RB, 30 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.51 ±9.6 1933 AAA 5G NR (DFT=OFDM, 1 RB, 30 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.51 ±9.6 1935 AAA 5G NR (DFT=OFDM, 1 RB, 30 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.91 ±9.6 1935 AAA 5G NR (DFT=OFDM, 50% RB, 5MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.90 ±9.6 1938 AAB 5G NR (DFT=OFDM, 50% RB, 15 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.80 ±9.6 1938 AAB 5G NR (DFT=OFDM, 50% RB, 20 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.82 ±9.6 1934 AAB 5G NR (DFT=OFDM, 50% RB, 20 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.83 ±9.6 1944 AAB 5G NR (DFT=OFDM, 50% RB, 20 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.85 ±9.6 1944 AAB 5G NR (DFT=OFDM, 100% RB, 5MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.81 ±9.6 1944 AAB	10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
1933 AAD 5G NR (DFT=OFDM, 1 RB, 20MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.51 ±9.6 1932 AAA 5G NR (DFT=OFDM, 1 RB, 30 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.51 ±9.6 1933 AAA 5G NR (DFT=OFDM, 1 RB, 30 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.51 ±9.6 1935 AAA 5G NR (DFT=OFDM, 1 RB, 30 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.91 ±9.6 1935 AAA 5G NR (DFT=OFDM, 50% RB, 5MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.90 ±9.6 1938 AAB 5G NR (DFT=OFDM, 50% RB, 15 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.80 ±9.6 1938 AAB 5G NR (DFT=OFDM, 50% RB, 20 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.82 ±9.6 1934 AAB 5G NR (DFT=OFDM, 50% RB, 20 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.83 ±9.6 1944 AAB 5G NR (DFT=OFDM, 50% RB, 20 MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.85 ±9.6 1944 AAB 5G NR (DFT=OFDM, 100% RB, 5MHz, OPSK, 15 Hz); 5G NR FR1 FDD 5.81 ±9.6 1944 AAB		AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10932 AAB 5G NR [OFT-S-OFDM, 1 RB, 25MHz, OPSK, 15 Hz] 5G NR FR1 FDD 5.51 ±9.6 10933 AAA 5G NR [OFT-S-OFDM, 1 RB, 30MHz, OPSK, 15 Hz] 5G NR FR1 FDD 5.51 ±9.6 10934 AAA 5G NR [OFT-S-OFDM, 1 RB, 50MHz, OPSK, 15 Hz] 5G NR FR1 FDD 5.51 ±9.6 10935 AAA 5G NR [OFT-S-OFDM, 50% RB, 5MHz, OPSK, 15 Hz] 5G NR FR1 FDD 5.77 ±9.6 10938 AAB 5G NR [OFT-S-OFDM, 50% RB, 20 Hz, OPSK, 15 Hz] 5G NR FR1 FDD 5.80 ±9.6 10939 AAB 5G NR [OFT-S-OFDM, 50% RB, 20 Hz, OPSK, 15 Hz] 5G NR FR1 FDD 5.82 ±9.6 10941 AAB 5G NR [OFT-S-OFDM, 50% RB, 20 Hz, OPSK, 15 Hz] 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFT-S-OFDM, 50% RB, 30 Hz, OPSK, 15 Hz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFT-S-OFDM, 50% RB, 50 Hz, OPSK, 15 Hz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFT-S-OFDM, 100% RB, 20 Mz, OPSK, 15 Hz) 5G NR FR1 FDD 5.81 ±9.6 10944 <td></td> <td>AAD</td> <td></td> <td>5G NR FR1 FDD</td> <td>5.51</td> <td>±9.6</td>		AAD		5G NR FR1 FDD	5.51	±9.6
1033 AAA SG NR (DFT=-OFDM, 1 RB, 40 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.51 ±9.6 10335 AAA 5G NR (DFT=-OFDM, 50% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.51 ±9.6 10337 AAB 5G NR (DFT=-OFDM, 50% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.77 ±9.6 10338 AAB SG NR (DFT=-OFDM, 50% RB, 15 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.80 ±9.6 10338 AAB SG NR (DFT=-OFDM, 50% RB, 20 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.82 ±9.6 10344 AAB SG NR (DFT=-OFDM, 50% RB, 20 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.83 ±9.6 10342 AAB SG NR (DFT=-OFDM, 50% RB, 20 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.83 ±9.6 10342 AAB SG NR (DFT=-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.81 ±9.6 10344 AAB SG NR (DFT=-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.81 ±9.6 10344 AAB SG NR (DFT=-OFDM, 100% RB, 20 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.83 ±9.6 103	10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10335 AAA SG NR (DFT-s-OFDM, 1 RB, 50MHz, OPSK, 15 Hz) SG NR FRI FDD 5.51 ±9.6 10337 AAB SG NR (DFT-s-OFDM, 50% RB, 15 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.90 ±9.6 10338 AAB SG NR (DFT-s-OFDM, 50% RB, 15 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.82 ±9.6 10349 AAB SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.82 ±9.6 10340 AAB SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.88 ±9.6 10341 AAB SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.85 ±9.6 10342 AAB SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.85 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.85 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.85 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 Hz) SG NR FRI FDD 5.85 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 Hz) S	10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10386 AAC 5G NR (DFT-s-OFDM, 50% RB, 5MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 10337 AAB 5G NR (DFT-s-OFDM, 50% RB, 15MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.80 ±9.6 10338 AAB 5G NR (DFT-s-OFDM, 50% RB, 20MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.82 ±9.6 10340 AAB 5G NR (DFT-s-OFDM, 50% RB, 20MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10341 AAB 5G NR (DFT-s-OFDM, 50% RB, 20MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10342 AAB 5G NR (DFT-s-OFDM, 50% RB, 30MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10343 AAB 5G NR (DFT-s-OFDM, 100% RB, 10MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10344 AAB 5G NR (DFT-s-OFDM, 100% RB, 10MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10344 AAB 5G NR (DFT-s-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10344 AAB 5G NR (DFT-s-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10344 AAB 5G NR (DFT-s-OFDM, 100% RB, 20MHz, OPSK, 15 kHz) <t< td=""><td>10934</td><td>AAA</td><td>5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)</td><td>5G NR FR1 FDD</td><td>5.51</td><td>±9.6</td></t<>	10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10337 AAB SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.77 ±9.6 10338 AAB SG NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.82 ±9.6 10340 AAB SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10341 AAB SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10342 AAB SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10343 AAB SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.81 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.81 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) </td <td>10935</td> <td>AAA</td> <td>5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 FDD</td> <td>5.51</td> <td>±9.6</td>	10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10938 AAB 5G NR (DFTs-OFDM, 50% RB, 15MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.90 ±9.6 10939 AAB 5G NR (DFTs-OFDM, 50% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.82 ±9.6 10940 AAB 5G NR (DFTs-OFDM, 50% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.83 ±9.6 10941 AAB 5G NR (DFTs-OFDM, 50% RB, 30MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFTs-OFDM, 50% RB, 30MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB SG NR (DFTs-OFDM, 100% RB, 15MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAB SG NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.87 ±9.6 10947 AAB 5G NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFTs-OFDM, 100% RB, 30MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.84 ±9.6 10951 AAB 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15 Hz) 5G NR FR1 FDD	10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939 AAB 5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.82 ±9.6 10941 AAB 5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 ±9.6 10942 AAB 5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 51MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 20MLz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 20MLz, QPSK, 15 KHz) 5G NR FR1 FDD 5.84 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 20MLz, QPSK, 15 KHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 20MLz, QPSK, 15 KHz) 5G NR FR1 FDD 5.87 ±9.6 10946 AAB 5G NR DL (DF-OFDM, TM 3.1, 5MHz, 64-0AM, 15 KHz)	10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10940 AAB 5G NR (DFTs-OFDM, 50% RB, 25MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.89 ±9.6 10941 AAB 5G NR (DFTs-OFDM, 50% RB, 30MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFTs-OFDM, 50% RB, 50MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAB 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.85 ±9.6 10945 AAB 5G NR (DFTs-OFDM, 100% RB, 15MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.83 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR DL (OP-OFDM, TM 3.1, 5MHz, 64-CAM, 15 Hz) 5G NR FR1 FDD <td>10938</td> <td>AAB</td> <td>5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 FDD</td> <td>5.90</td> <td>±9.6</td>	10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10941 AAB 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10951 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30	10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10942 AAB 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAB 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10945 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.12 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kH	10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10943 AAB 5G NR (DFT-s-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.95 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 5MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 5G NR (DFT-s-OFDM, 100% RB, 15MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 15MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 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, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.12 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6	10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10945 AAB 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 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 2 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kH	10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAB 5G NR DL (CP-OFDM, T0.3, 1, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.12 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30	10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10947 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAB 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAB 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-OAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 3	10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10948 AAB 5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAB 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30	10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QA	10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6	10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.33 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 </td <td>10949</td> <td>AAB</td> <td>5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 FDD</td> <td>5.87</td> <td>±9.6</td>	10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.32 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.49.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5	10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10953 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 k	10951	AAB		5G NR FR1 FDD	5.92	±9.6
10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 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 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 6	10952	AAB		5G NR FR1 FDD	8.25	±9.6
10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 k	10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.49 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kH				5G NR FR1 FDD	8.23	±9.6
10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 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, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 6					8.42	±9.6
10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 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, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 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, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz,						
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10981 AAA ULLA HDRp4 ULLA 1.50 ±9.6						
10982 AAA ULLA HDRp8 ULLA 1.44 ±9.6						
	10982	AAA	ULLA HDRp8	ULLA	1.44	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6

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

Calibration Laboratory of Schmid & Partner Engineering AG

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Client B.V. ADT (Auden)

Certificate No: EX3-7537_Apr22

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Schweizerischer Kalibrierdienst

Service suisse d'étalonnage

Servizio svizzero di taratura

Swiss Calibration Service

Accreditation No.: SCS 0108

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7537

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:

April 27, 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	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
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
Calibrated by:	Jeton Kastrati	Laboratory Technician	72K
Approved by:	Sven Kühn	Deputy Manager	S. 4
This calibration certificate	e shall not be reproduced except in ful	l without written approval of the labo	Issued: April 29, 2022

Calibration Laboratory of

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



S Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	ϕ rotation around probe axis
Polarization 9	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center),
	i.e., $\vartheta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 9 = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below *ConvF*).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of *ConvF*.
- *DCPx,y,z*: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- *PAR:* PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal 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).

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.61	0.66	0.59	± 10.1 %
DCP (mV) ^B	101.2	100.5	99.4	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	157.5	± 3.0 %	± 4.7 %
		Y	0.00	0.00	1.00		156.7		
		Z	0.00	0.00	1.00		155.1		
10352-	Pulse Waveform (200Hz, 10%)	X	20.00	92.64	21.29	10.00	60.0	± 3.4 %	± 9.6 %
AAA		Y	8.58	77.96	15.39		60.0		
		Z	20.00	92.70	21.61		60.0	1	
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	96.50	22.13	6.99	80.0	± 1.8 %	± 9.6 %
AAA		Y	20.00	86.29	17.01		80.0		
		Z	20.00	98.19	23.34		80.0	1	
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	103.66	24.16	3.98	95.0	± 1.5 %	± 9.6 %
AAA		Y	20.00	88.27	16.96		95.0	1	
		Z	20.00	113.86	29.46		95.0	1	
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	110.56	25.92	2.22	120.0	± 1.6 %	± 9.6 %
AAA		Y	20.00	92.97	18.18		120.0		
		Z	20.00	121.83	31.60		120.0	1	
10387-	QPSK Waveform, 1 MHz	X	1.60	64.74	14.28	1.00	150.0	± 2.3 %	± 9.6 %
AAA		Y	1.82	67.30	15.97		150.0	1	
		Z	2.07	70.37	17.65		150.0	1	
10388-	QPSK Waveform, 10 MHz	X	2.10	66.60	14.98	0.00	150.0	± 1.8 %	± 9.6 %
AAA		Y	2.47	69.63	16.74	1	150.0	1	
		Z	2.84	72.60	18.36	1	150.0	1	
10396-	64-QAM Waveform, 100 kHz	X	3.03	70.66	18.96	3.01	150.0	± 1.4 %	± 9.6 %
AAA		Y	3.57	74.87	21.27	1	150.0	1	
		Z	3.28	73.51	21.05]	150.0	1	
10399-	64-QAM Waveform, 40 MHz	Х	3.43	66.43	15.40	0.00	150.0	± 1.8 %	± 9.6 %
AAA		Y	3.63	67.66	16.22]	150.0]	
		Z	3.72	68.38	16.77	1	150.0	1	
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.83	65.23	15.31	0.00	150.0	± 2.9 %	± 9.6 %
AAA		Y	4.98	65.88	15.80	1	150.0	1	
		Z	4.94	65.99	16.00	1	150.0	1	

Note: For details on UID parameters see Appendix

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

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

^B Numerical linearization parameter: uncertainty not required.

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

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
Х	48.1	363.20	36.22	12.24	0.00	5.08	1.51	0.23	1.01
Y	49.7	374.41	36.25	22.53	0.00	5.03	1.92	0.13	1.01
Z	47.2	357.21	36.66	14.92	0.11	5.10	0.51	0.35	1.01

Other Probe Parameters

Connector Angle (°) Mechanical Surface Detection Mode Optical Surface Detection Mode Image: Content of the second sec	Triangular
Optical Surface Detection ModeImage: Constraint of the second	177.4
Probe Overall LengthImage: Constraint of the second se	enabled
Probe Body Diameter Image: Constraint of the second se	disabled
Tip Length Image: Construct of the sensor of the sense sensor of the sensor of the sensor of the	337 mm
Tip Diameter Image: Construction Point Probe Tip to Sensor X Calibration Point Image: Construction Point Probe Tip to Sensor Z Calibration Point Image: Construction Point	10 mm
Probe Tip to Sensor X Calibration Point Probe Tip to Sensor Y Calibration Point Probe Tip to Sensor Z Calibration Point	9 mm
Probe Tip to Sensor Y Calibration Point Probe Tip to Sensor Z Calibration Point	2.5 mm
Probe Tip to Sensor Z Calibration Point	1 mm
	1 mm
	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	10.74	10.74	10.74	0.55	0.80	± 12.0 %
835	41.5	0.90	10.50	10.50	10.50	0.53	0.80	± 12.0 %
1450	40.5	1.20	8.95	8.95	8.95	0.54	0.80	± 12.0 %
1750	40.1	1.37	8.57	8.57	8.57	0.41	0.86	± 12.0 %
1900	40.0	1.40	8.24	8.24	8.24	0.32	0.86	± 12.0 %
	40.0	1.40	8.09	8.09	8.09	0.38	0.86	± 12.0 %
2000								
2300	39.5	1.67	7.89	7.89	7.89	0.40	0.90	± 12.0 %
2450	39.2	1.80	7.61	7.61	7.61	0.39	0.90	± 12.0 %
2600	39.0	1.96	7.52	7.52	7.52	0.31	0.90	± 12.0 %
3300	38.2	2.71	6.73	6.73	6.73	0.35	1.30	± 13.1 %
3500	37.9	2.91	6.70	6.70	6.70	0.35	1.30	± 13.1 %
3700	37.7	3.12	6.60	6.60	6.60	0.35	1.30	± 13.1 %
3900	37.5	3.32	6.57	6.57	6.57	0.45	1.50	± 13.1 %
4100	37.2	3.53	6.37	6.37	6.37	0.40	1.50	± 13.1 %
4200	37.1	3.63	6.10	6.10	6.10	0.40	1.50	± 13.1 %
4400	36.9	3.84	6.04	6.04	6.04	0.40	1.70	± 13.1 %
4600	36.7	4.04	6.01	6.01	6.01	0.45	1.70	± 13.1 %
4800	36.4	4.25	5.75	5.75	5.75	0.40	1.80	± 13.1 %
4950	36.3	4.40	5.69	5.69	5.69	0.40	1.80	<u>± 1</u> 3.1 %
5250	35.9	4.71	5.54	5.54	5.54	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	4.97	4.97	4.97	0.40	1.80	± 13.1 %

Calibration Parameter Determined in Head Tissue Simulating Media

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

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. ^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is

always less than \pm 1% for frequencies below 3 GHz and below \pm 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

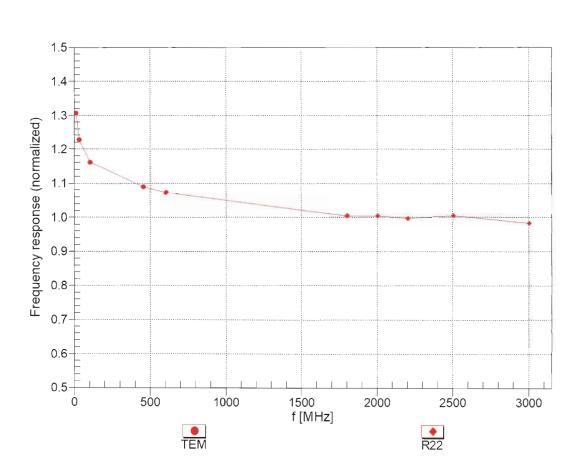
f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
6500	34.5	6.07	5.45	5.45	5.45	0.20	2.50	± 18.6 %

Calibration Parameter Determined in Head Tissue Simulating Media

 c Frequency validity at 6.5 GHz is -600/+700 MHz, and \pm 700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

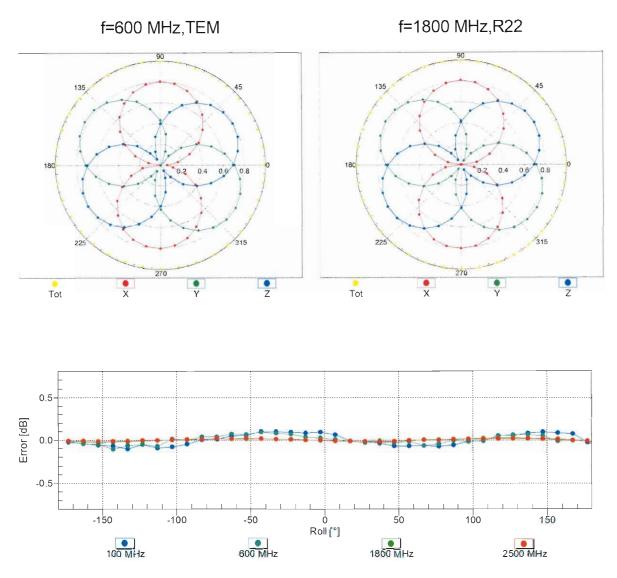
^F At frequencies 6-10 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters. ^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is

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



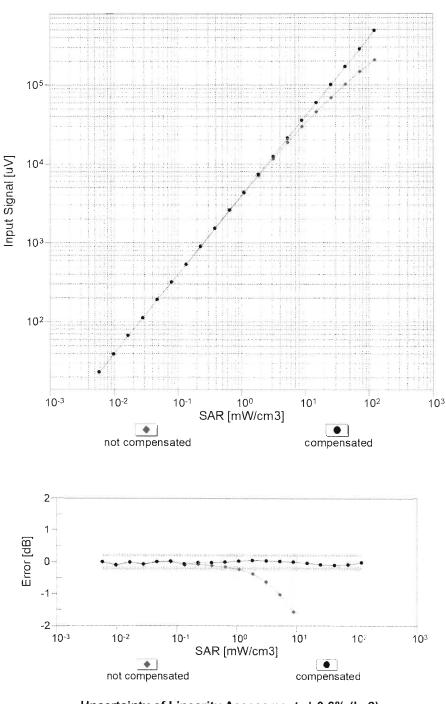
Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

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



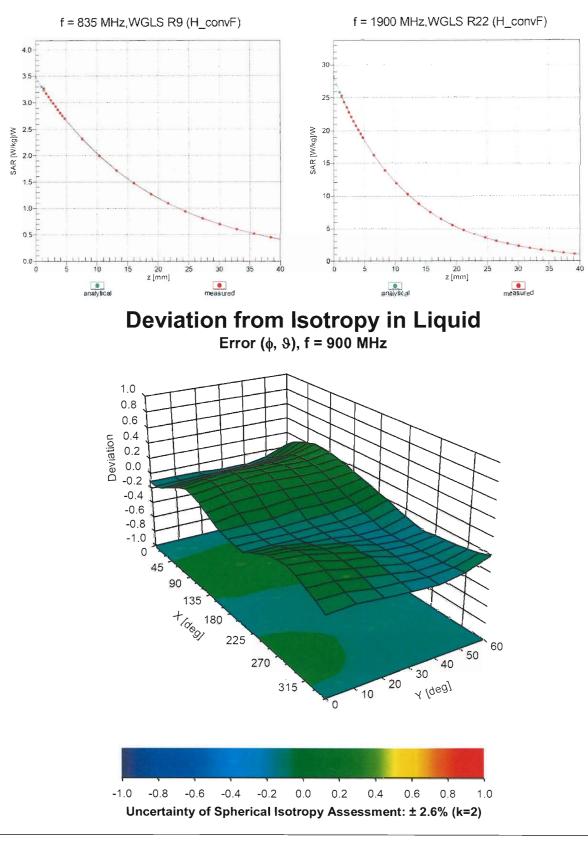
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

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



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

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



Conversion Factor Assessment

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E (k=2)
0	-	CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 9
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 9
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6 9
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 9
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 9
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 9
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 9
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 9
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 °
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 °
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 °
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 °
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 °
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 °
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 °
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 °
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 9
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 °
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 9
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 °
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 °
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 °
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 °
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 °
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.12	± 9.6 °
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 °
10000	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 °
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 °
10072	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	10.00	± 9.6 °
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 30 Mbps)	WLAN	10.77	± 9.6 °
10070	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 46 Mbps)	WLAN	11.00	± 9.6 °
10077	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 °
10081	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 °
10082	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM		± 9.6 °
10090	CAB	UMTS-FDD (HSDPA)	WCDMA	6.56	± 9.6 °
10097	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA WCDMA		
10098	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	3.98 9.55	± 9.6 9 ± 9.6 9

10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10179	CAG			0.00	- 0.0 /0
10179 10180	CAG CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %

,					
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLÂN	8.13	± 9.6 %
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
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10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %

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10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10291	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 %
10293	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
		LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 0F3R)		6.39	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 10-QAM)	LTE-FDD	6.60	± 9.6 %
10300	AAD				
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6 % ± 9.6 %
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	
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	AAD		0000		- 0.0 /0

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10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	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 %
10400		LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10480	AAB				
	AAB AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10481		LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD LTE-TDD	7.71 8.39	± 9.6 % ± 9.6 %
10481 10482	AAC				
10481 10482 10483	AAC AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD LTE-TDD	8.39 8.47	± 9.6 % ± 9.6 %
10481 10482 10483 10484	AAC AAC AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD LTE-TDD LTE-TDD	8.39 8.47 7.59	± 9.6 % ± 9.6 % ± 9.6 %
10481 10482 10483 10484 10485	AAC AAC AAC AAF	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD LTE-TDD	8.39 8.47	± 9.6 % ± 9.6 %

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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-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/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
	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 %
	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %

10000 AAC IEEE 802 11n IPT Nimad. 40MHz, MCS7, 90pc dc) WLAN 8.82 1.9.6 % 10007 AAC IEEE 802 11nc WFI (20MHz, MCS1, 90pc dc) WLAN 8.77 4.9.6 % 10008 AAC IEEE 802 11nc WFI (20MHz, MCS1, 90pc dc) WLAN 8.77 4.9.6 % 10010 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN 8.77 4.9.6 % 10111 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN 8.77 4.9.6 % 10111 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN 8.77 4.9.6 % 10111 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN 8.92 4.9.6 % 10115 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN 8.82 4.9.6 % 10117 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN 8.81 4.9.6 % 10117 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN 8.81 4.9.6 % 10117 AAC IEEE 802 11nc WFI (20MHz, MCS3, 90pc dc) WLAN						
10607 AAC IEEE 802 11se WHI (200Hz, MCS0, 90pc de) WLAN 8.64 2.9.6 % 10608 AAC IEEE 802 11se WHI (200Hz, MCS1, 90pc de) WLAN 8.77 4.9.6 % 10609 AAC IEEE 802 11se WHI (200Hz, MCS1, 90pc de) WLAN 8.77 4.9.6 % 10611 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN 8.77 4.9.6 % 10612 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN 8.70 4.9.6 % 10613 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN 8.94 4.9.6 % 10614 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN 8.82 4.9.6 % 10616 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN 8.82 4.9.6 % 10617 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN 8.81 4.9.6 % 10618 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN 8.81 4.9.6 % 10621 AAC IEEE 802 11se WHI (200Hz, MCS3, 90pc de) WLAN <td< td=""><td>10605</td><td>AAC</td><td>IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)</td><td>WLAN</td><td>8.97</td><td>± 9.6 %</td></td<>	10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
1968 AAC FEEE 802.11ac WiFI (20MHz, MCS2, 00pc dc) WLAN 8.77 ± 9.6 % 10605 AAC IEEE 802.11ac WiFI (20MHz, MCS3, 00pc dc) WLAN 8.77 ± 9.6 % 10610 AAC IEEE 802.11ac WiFI (20MHz, MCS3, 00pc dc) WLAN 8.77 ± 9.6 % 10611 AAC IEEE 802.11ac WiFI (20MHz, MCS3, 00pc dc) WLAN 8.77 ± 9.6 % 10613 AAC IEEE 802.11ac WiFI (20MHz, MCS3, 00pc dc) WLAN 8.59 ± 9.6 % 10614 AAC IEEE 802.11ac WiFI (20MHz, MCS3, 00pc dc) WLAN 8.82 ± 9.6 % 10615 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 00pc dc) WLAN 8.82 ± 9.6 % 10616 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 00pc dc) WLAN 8.84 ± 9.6 % 10622 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 00pc dc) WLAN 8.86 ± 9.6 % 10624 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 00pc dc) WLAN 8.86 ± 9.6 % 10627 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 00pc dc) WLAN	10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)			
10609 AAC IEEE 802.11ac WIFI (20MHz, MCS2, 00pc dc) WLAN 8.57 4.9.6.% 10610 AAC IEEE 802.11ac WIFI (20MHz, MCS3, 00pc dc) WLAN 8.77 4.9.6.% 10611 AAC IEEE 802.11ac WIFI (20MHz, MCS4, 00pc dc) WLAN 8.77 4.9.6.% 10613 AAC IEEE 802.11ac WIFI (20MHz, MCS5, 00pc dc) WLAN 8.94 4.9.6.% 10614 AAC IEEE 802.11ac WIFI (20MHz, MCS3, 00pc dc) WLAN 8.82 ±9.8.% 10615 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 00pc dc) WLAN 8.81 ±9.8.% 10616 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 00pc dc) WLAN 8.81 ±9.8.% 10617 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 00pc dc) WLAN 8.81 ±9.8.% 10620 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 00pc dc) WLAN 8.87 ±9.8.% 10621 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 00pc dc) WLAN 8.87 ±9.6.% 10622 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 00pc dc) WLAN	10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN		
10000 AAC IEEE 802.11ac WIFI (20MHz, MCS3, 30pc dc) WLAN 8.78 ± 9.6 % 10611 AAC IEEE 802.11ac WIFI (20MHz, MCS5, 50pc dc) WLAN 8.77 ± 9.6 % 10612 AAC IEEE 802.11ac WIFI (20MHz, MCS5, 50pc dc) WLAN 8.77 ± 9.6 % 10613 AAC IEEE 802.11ac WIFI (20MHz, MCS7, 50pc dc) WLAN 8.59 ± 9.6 % 10615 AAC IEEE 802.11ac WIFI (20MHz, MCS7, 90pc dc) WLAN 8.82 ± 9.6 % 10616 AAC IEEE 802.11ac WIFI (40MHz, MCS1, 90pc dc) WLAN 8.81 ± 9.6 % 10617 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.81 ± 9.6 % 10622 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.84 ± 9.6 % 10622 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.82 ± 9.6 % 10623 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.82 ± 9.6 % 10624 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN	10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	
10611 AAC EEEE 802.11ac WIFI (20MHz, MCS6, 80pc dc) WLAN 8 70 ± 9.6 % 10612 AAC IEEE 802.11ac WIFI (20MHz, MCS6, 80pc dc) WLAN 8.94 ± 9.6 % 10614 AAC IEEE 802.11ac WIFI (20MHz, MCS6, 80pc dc) WLAN 8.94 ± 9.6 % 10615 AAC IEEE 802.11ac WIFI (20MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 % 10616 AAC IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10617 AAC IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10618 AAC IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10620 AAC IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 % 10621 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10624 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10625 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN	10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	
10612 AAC EEEE 802.11ac WIFI (20MHz, MCS8, 90pc dc) WLAN 8.97 ± 9.6 % 10613 AAC IEEE 802.11ac WIFI (20MHz, MCS8, 90pc dc) WLAN 8.99 ± 9.6 % 10615 AAC IEEE 802.11ac WIFI (20MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 % 10616 AAC IEEE 802.11ac WIFI (20MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10617 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10618 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10621 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10622 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10624 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.96 ± 9.6 % 10625 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.96 ± 9.6 % 10626 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN	10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10613 AAC IEEE 802.11ac WHF (20MHz, MCS7, 90pc dc) WLAN 8.94 ± 9.6 % 10614 AAC IEEE 802.11ac WHF (20MHz, MCS7, 90pc dc) WLAN 8.52 ± 9.6 % 10615 AAC IEEE 802.11ac WHF (20MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10616 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN 8.81 ± 9.6 % 10618 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN 8.84 ± 9.6 % 10620 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN 8.67 ± 9.6 % 10621 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN 8.67 ± 9.6 % 10622 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10625 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN 8.84 ± 9.6 % 10626 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN 8.83 ± 9.6 % 10625 AAC IEEE 802.11ac WHF (40MHz, MCS3, 90pc dc) WLAN <td< td=""><td>10611</td><td>AAC</td><td>IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)</td><td>WLAN</td><td>8.70</td><td>± 9.6 %</td></td<>	10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10614 AAC IEEE 802.11ac WiFI (20MHz, MCS8, 90pc dc) WILAN 8.59 ± 9.6 % 10615 AAC IEEE 802.11ac WiFI (40MHz, MCS9, 90pc dc) WILAN 8.82 ± 9.6 % 10617 AAC IEEE 802.11ac WiFI (40MHz, MCS9, 90pc dc) WILAN 8.81 ± 9.6 % 10618 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WILAN 8.86 ± 9.6 % 10621 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WILAN 8.86 ± 9.6 % 10622 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WILAN 8.7 9.6 % 10622 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WILAN 8.68 ± 9.6 % 10622 AAC IEEE 802.11ac WiFI (40MHz, MCS8, 90pc dc) WILAN 8.86 ± 9.6 % 10622 AAC IEEE 802.11ac WiFI (40MHz, MCS8, 90pc dc) WILAN 8.86 ± 9.6 % 10622 AAC IEEE 802.11ac WiFI (40MHz, MCS8, 90pc dc) WILAN 8.86 ± 9.6 % 10622 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WILAN <	10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	
Institution Institution <thinstitution< th=""> <thinstitution< th=""></thinstitution<></thinstitution<>	10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10616 AAC IEEE 802.11ac WiF(40MHz, MCS0, 90pc dc) WLAN 8.82 ± 9.6 % 10617 AAC IEEE 802.11ac WiF(40MHz, MCS2, 90pc dc) WLAN 8.81 ± 9.6 % 10618 AAC IEEE 802.11ac WiF(40MHz, MCS3, 90pc dc) WLAN 8.87 ± 9.6 % 10620 AAC IEEE 802.11ac WiF(40MHz, MCS3, 90pc dc) WLAN 8.87 ± 9.6 % 10621 AAC IEEE 802.11ac WiF(40MHz, MCS3, 90pc dc) WLAN 8.77 ± 9.6 % 10622 AAC IEEE 802.11ac WiF(40MHz, MCS9, 90pc dc) WLAN 8.68 ± 9.6 % 10623 AAC IEEE 802.11ac WiF(40MHz, MCS9, 90pc dc) WLAN 8.96 ± 9.6 % 10624 AAC IEEE 802.11ac WiF(60MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10627 AAC IEEE 802.11ac WiF(60MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10628 AAC IEEE 802.11ac WiF(60MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10628 AAC IEEE 802.11ac WiF(60MHz, MCS9, 90pc dc) WLAN 8.71 ± 9.6 % 10633 AAC <td>10614</td> <td>AAC</td> <td>IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)</td> <td>WLAN</td> <td>8.59</td> <td>± 9.6 %</td>	10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10617 AAC IEEE 802.11ac WIFI (40MHz, MCS2, 90pc dc) WLAN 8.81 ± 9.6 % 10619 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.68 ± 9.6 % 10621 AAC IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc) WLAN 8.77 ± 9.6 % 10622 AAC IEEE 802.11ac WIFI (40MHz, MCS6, 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, MCS6, 90pc dc) WLAN 8.82 ± 9.6 % 10625 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.84 ± 9.6 % 10626 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.84 ± 9.6 % 10627 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.84 ± 9.6 % 10628 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN 8.71 ± 9.6 % 10633 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WLAN	10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10618 AAC IEEE 802.11ac WIF (40MHz, MCS2, 90pc dc) WLAN 8.58 ± 9.6 % 10619 AAC IEEE 802.11ac WIF (40MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10620 AAC IEEE 802.11ac WIF (40MHz, MCS5, 90pc dc) WLAN 8.77 ± 9.6 % 10621 AAC IEEE 802.11ac WIF (40MHz, MCS5, 90pc dc) WLAN 8.68 ± 9.6 % 10622 AAC IEEE 802.11ac WIF (40MHz, MCS7, 90pc dc) WLAN 8.68 ± 9.6 % 10623 AAC IEEE 802.11ac WIF (40MHz, MCS9, 90pc dc) WLAN 8.96 ± 9.6 % 10624 AAC IEEE 802.11ac WIF (40MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10627 AAC IEEE 802.11ac WIF (80MHz, MCS3, 90pc dc) WLAN 8.81 ± 9.6 % 10628 AAC IEEE 802.11ac WIF (80MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 % 10623 AAC IEEE 802.11ac WIF (80MHz, MCS9, 90pc dc) WLAN 8.71 ± 9.6 % 10633 AAC IEEE 802.11ac WIF (80MHz, MCS9, 90pc dc) WLAN <td< td=""><td>10616</td><td>AAC</td><td>IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)</td><td>WLAN</td><td>8.82</td><td>± 9.6 %</td></td<>	10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10619 AAC IEEE 802.11ac WIF (40MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10620 AAC IEEE 802.11ac WIF (40MHz, MCS3, 90pc dc) WLAN 8.77 ± 9.6 % 10621 AAC IEEE 802.11ac WIF (40MHz, MCS5, 90pc dc) WLAN 8.68 ± 9.6 % 10622 AAC IEEE 802.11ac WIF (40MHz, MCS8, 90pc dc) WLAN 8.68 ± 9.6 % 10623 AAC IEEE 802.11ac WIF (40MHz, MCS9, 90pc dc) WLAN 8.96 ± 9.6 % 10625 AAC IEEE 802.11ac WIF (40MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10626 AAC IEEE 802.11ac WIF (80MHz, MCS1, 90pc dc) WLAN 8.84 ± 9.6 % 10627 AAC IEEE 802.11ac WIF (80MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10630 AAC IEEE 802.11ac WIF (80MHz, MCS3, 90pc dc) WLAN 8.81 ± 9.6 % 10633 AAC IEEE 802.11ac WIF (80MHz, MCS5, 90pc dc) WLAN 8.72 ± 9.6 % 10633 AAC IEEE 802.11ac WIF (80MHz, MCS5, 90pc dc) WLAN <td< td=""><td>10617</td><td>AAC</td><td>IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)</td><td>WLAN</td><td>8.81</td><td>± 9.6 %</td></td<>	10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 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, MCS5, 90pc dc) WLAN 8.82 ± 9.6 % 10623 AAC IEEE 802.11ac WiFI (40MHz, MCS9, 90pc dc) WLAN 8.96 ± 9.6 % 10626 AAC IEEE 802.11ac WiFI (40MHz, MCS9, 90pc dc) WLAN 8.96 ± 9.6 % 10626 AAC IEEE 802.11ac WiFI (80MHz, MCS9, 90pc dc) WLAN 8.88 ± 9.6 % 10627 AAC IEEE 802.11ac WiFI (80MHz, MCS3, 90pc dc) WLAN 8.88 ± 9.6 % 10628 AAC IEEE 802.11ac WiFI (80MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10630 AAC IEEE 802.11ac WiFI (80MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10633 AAC IEEE 802.11ac WiFI (80MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10633 AAC IEEE 802.11ac WiFI (80MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10633 AAC IEEE 802.11ac	10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 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 8.88 ± 9.6 % 10624 AAC IEEE 802.11ac WiFI (40MHz, MCS6, 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 (40MHz, MCS9, 90pc dc) WLAN 8.83 ± 9.6 % 10627 AAC IEEE 802.11ac WiFI (40MHz, MCS2, 90pc dc) WLAN 8.88 ± 9.6 % 10628 AAC IEEE 802.11ac WiFI (40MHz, MCS2, 90pc dc) WLAN 8.71 ± 9.6 % 10630 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WLAN 8.72 ± 9.6 % 10633 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10633 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WLAN 8.81 ± 9.6 % 10633 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WLAN	10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10622 AAC IEEE 802.11ac WiFI (40MHz, MCS7, 90pc dc) WLAN 8.68 ± 9.6 % 10623 AAC IEEE 802.11ac WiFI (40MHz, MCS7, 90pc dc) WLAN 8.96 ± 9.6 % 10624 AAC IEEE 802.11ac WiFI (40MHz, MCS9, 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 (40MHz, MCS9, 90pc dc) WLAN 8.83 ± 9.6 % 10627 AAC IEEE 802.11ac WiFI (40MHz, MCS2, 90pc dc) WLAN 8.71 ± 9.6 % 10628 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10631 AAC IEEE 802.11ac WiFI (40MHz, MCS4, 90pc dc) WLAN 8.81 ± 9.6 % 10632 AAC IEEE 802.11ac WiFI (40MHz, MCS5, 90pc dc) WLAN 8.81 ± 9.6 % 10633 AAC IEEE 802.11ac WiFI (40MHz, MCS6, 90pc dc) WLAN 8.81 ± 9.6 % 10633 AAC IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc) WLAN	10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10622 AAC IEEE 802.11ac WIFI (40MHz, MCS7, 90pc dc) WILAN 8.92 ± 9.6 % 10624 AAC IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc) WILAN 8.96 ± 9.6 % 10625 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WILAN 8.96 ± 9.6 % 10626 AAC IEEE 802.11ac WIFI (80MHz, MCS1, 90pc dc) WILAN 8.83 ± 9.6 % 10627 AAC IEEE 802.11ac WIFI (80MHz, MCS1, 90pc dc) WILAN 8.83 ± 9.6 % 10628 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WILAN 8.72 ± 9.6 % 10630 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WILAN 8.72 ± 9.6 % 10633 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WILAN 8.74 ± 9.6 % 10634 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WILAN 8.81 ± 9.6 % 10635 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WILAN 8.81 ± 9.6 % 10636 AAD IEEE 802.11ac WIFI (160MHz, MCS2, 90pc dc) <td< td=""><td>10621</td><td>AAC</td><td>IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)</td><td>WLAN</td><td>8.77</td><td>± 9.6 %</td></td<>	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) WILAN 8.96 ± 9.6 % 10625 AAC IEEE 802.11ac WIFI (40MHz, MCS9, 90pc dc) WILAN 8.83 ± 9.6 % 10626 AAC IEEE 802.11ac WIFI (80MHz, MCS1, 90pc dc) WILAN 8.83 ± 9.6 % 10627 AAC IEEE 802.11ac WIFI (80MHz, MCS2, 90pc dc) WILAN 8.71 ± 9.6 % 10628 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WILAN 8.71 ± 9.6 % 10630 AAC IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc) WILAN 8.72 ± 9.6 % 10631 AAC IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc) WILAN 8.81 ± 9.6 % 10632 AAC IEEE 802.11ac WIFI (80MHz, MCS7, 90pc dc) WILAN 8.81 ± 9.6 % 10633 AAC IEEE 802.11ac WIFI (80MHz, MCS7, 90pc dc) WILAN 8.81 ± 9.6 % 10633 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc) WILAN 8.81 ± 9.6 % 10634 AAC IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)	10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10625 AAC IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) WLAN 8.96 ± 9.6 % 10626 AAC IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc) WLAN 8.83 ± 9.6 % 10627 AAC IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc) WLAN 8.71 ± 9.6 % 10629 AAC IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) WLAN 8.71 ± 9.6 % 10630 AAC IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) WLAN 8.81 ± 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 8.83 ± 9.6 % 10633 AAC IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) WLAN 8.83 ± 9.6 % 10635 AAC IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10636 AAD IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) WLAN 8.81 ± 9.6 % 10637 AAC IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN <td>10623</td> <td>AAC</td> <td>IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)</td> <td>WLAN</td> <td>8.82</td> <td>± 9.6 %</td>	10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 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 % 10630 AAC IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) WLAN 8.72 ± 9.6 % 10631 AAC IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) WLAN 8.74 ± 9.6 % 10633 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 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc) WLAN 8.81 ± 9.6 % 10635 AAD IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) WLAN 8.83 ± 9.6 % 10636 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.83 ± 9.6 % 10638 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN <td>10624</td> <td>AAC</td> <td>IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)</td> <td>WLAN</td> <td>8.96</td> <td>± 9.6 %</td>	10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 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 % 10630 AAC IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 % 10631 AAC IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) WLAN 8.72 ± 9.6 % 10632 AAC IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) WLAN 8.81 ± 9.6 % 10633 AAC IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) WLAN 8.83 ± 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 8.81 ± 9.6 % 10637 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.84 ± 9.6 % 10638 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 </td <td>10625</td> <td>AAC</td> <td>IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)</td> <td>WLAN</td> <td>8.96</td> <td>± 9.6 %</td>	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 % 10629 AAC IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 % 10630 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, MCS5, 90pc dc) WLAN 8.83 ± 9.6 % 10633 AAC IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) WLAN 8.80 ± 9.6 % 10635 AAC IEEE 802.11ac WiFi (180MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10636 AAD IEEE 802.11ac WiFi (180MHz, MCS1, 90pc dc) WLAN 8.83 ± 9.6 % 10637 AAD IEEE 802.11ac WiFi (180MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10639 AAD IEEE 802.11ac WiFi (180MHz, MCS4, 90pc dc) WLAN 8.86 ± 9.6 % 10641 AAD IEEE 802.11ac WiFi (180MHz, MCS5, 90pc dc) WLAN<	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 ± 9.6 % 10630 AAC IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) WLAN 8.72 ± 9.6 % 10631 AAC IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc) WLAN 8.81 ± 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 8.83 ± 9.6 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10635 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10637 AAD IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) WLAN 8.83 ± 9.6 % 10638 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN<	10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 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, MCS7, 90pc dc) WLAN 8.74 ± 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 8.81 ± 9.6 % 10635 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10636 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.83 ± 9.6 % 10637 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 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 8.96 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN	10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10631 AAC IEEE 802.11ac WiFi (80MHz, MCS6, 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 % 10634 AAC IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 % 10635 AAC IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 % 10636 AAD IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) WLAN 8.79 ± 9.6 % 10637 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.79 ± 9.6 % 10639 AAD IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) WLAN 8.86 ± 9.6 % 10640 AAD IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) WLAN 8.89 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLA	10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 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 8.83 ± 9.6 % 10635 AAC IEEE 802.11ac WiFi (160MHz, 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, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10638 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.86 ± 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 8.98 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN 9.06 ± 9.6 % 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WL	10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 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 8.79 ± 9.6 % 10637 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.79 ± 9.6 % 10638 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 % 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 8.89 ± 9.6 % 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WL	10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 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 8.79 ± 9.6 % 10637 AAD IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) WLAN 8.79 ± 9.6 % 10638 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.86 ± 9.6 % 10639 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 % 10640 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 8.98 ± 9.6 % 10641 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) W	10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 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, MCS3, 90pc dc) WLAN 8.98 ± 9.6 % 10641 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN 9.06 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 9.06 ± 9.6 % 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.01 ± 9.6 % 10644 AAG ITE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2.7)	10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 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, MCS3, 90pc dc) WLAN 8.98 ± 9.6 % 10641 AAD IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) WLAN 8.98 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 % 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.01 ± 9.6 % 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) <td< td=""><td>10634</td><td>AAC</td><td>IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)</td><td>WLAN</td><td>8.80</td><td>± 9.6 %</td></td<>	10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 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, MCS6, 90pc dc) WLAN 9.06 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN 9.06 ± 9.6 % 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 % 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.11 ± 9.6 % 10646 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2.7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2.7)	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 ± 9.6 % 10639 AAD IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) WLAN 8.85 ± 9.6 % 10640 AAD IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) WLAN 8.98 ± 9.6 % 10641 AAD IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) WLAN 9.06 ± 9.6 % 10642 AAD IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) WLAN 9.06 ± 9.6 % 10643 AAD IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) WLAN 9.05 ± 9.6 % 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 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) <t< td=""><td>10636</td><td>AAD</td><td>IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)</td><td>WLAN</td><td>8.83</td><td>± 9.6 %</td></t<>	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 ± 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, MCS7, 90pc dc) WLAN 8.89 ± 9.6 % 10644 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 8.89 ± 9.6 % 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.05 ± 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 % 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % 10653 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.	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, MCS7, 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 f.96 % 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-T	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 ± 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, MCS7, 90pc dc) WLAN 9.05 ± 9.6 % 10645 AAD IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) WLAN 9.11 ± 9.6 % 10646 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 % 10647 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) LTE-TDD 11.96 ± 9.6 % 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ± 9.6 % 10652 AAE LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 ± 9.6 % 10653 AAE LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 % ± 9.6 % 10654 AAD LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Cli	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, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 % 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.	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, 15 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 % 10656 AAA Pulse Waveform (200Hz,	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 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 7.21 ± 9.6 % 10655 AAE LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ± 9.6 % 10654 AAA Pulse Waveform (200Hz, 10%) Test 10.00 ± 9.6 % 10658 AAAA Pulse Waveform (200Hz, 20%)	10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10645AADIEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)WLAN9.11± 9.6 %10646AAGLTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)LTE-TDD11.96± 9.6 %10647AAFLTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)LTE-TDD11.96± 9.6 %10648AAACDMA2000 (1x Advanced)CDMA20003.45± 9.6 %10652AAELTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)LTE-TDD6.91± 9.6 %10653AAELTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)LTE-TDD7.42± 9.6 %10654AADLTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)LTE-TDD7.42± 9.6 %10655AAELTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)LTE-TDD7.21± 9.6 %10655AAELTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)LTE-TDD7.21± 9.6 %10658AAAPulse Waveform (200Hz, 10%)Test10.00± 9.6 %10659AAAPulse Waveform (200Hz, 20%)Test3.98± 9.6 %10660AAAPulse Waveform (200Hz, 40%)Test3.98± 9.6 %10661AAAPulse Waveform (200Hz, 60%)Test0.97± 9.6 %10662AAAPulse Waveform (200Hz, 80%)Test0.97± 9.6 %10670AAABluetooth Low EnergyBluetooth2.19± 9.6 %10671AACIEEE 802.11ax (20MHz, MCS0, 90pc dc)WLAN9.09± 9.6 %	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, 15 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, 10%) Test 10.00 ± 9.6 % 10659 AAA Pulse Waveform (200Hz, 20%) Test 3.98 ± 9.6 % 10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 % 10661 AAA	10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 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, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ± 9.6 % 10655 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ± 9.6 % 10655 AAE LTE-TDD (OFDMA, 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 % 10660 AAA Pulse Waveform (200Hz, 20%) Test 3.98 ± 9.6 % 10661 AAA Pulse Waveform (200Hz, 40%) Test 2.22 ± 9.6 % 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.	10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 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 6.96 ± 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, 10%) Test 10.00 ± 9.6 % 10659 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 % 10660 AAA Pulse Waveform (200Hz, 60%) Test 3.98 ± 9.6 % 10661 AAA Pulse Waveform (200Hz, 60%) Test 0.97<	10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 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, 10%) 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 Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 % 10671 AAC IEEE 802.11ax (20MHz, MCS0, 90pc dc) WLAN 9.09 ± 9.6 % </td <td>10647</td> <td>AAF</td> <td>LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)</td> <td>LTE-TDD</td> <td>11.96</td> <td>± 9.6 %</td>	10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 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 %	10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 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 % 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 %	10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 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 %	10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 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 %	10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 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 %	10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10660 AAA Pulse Waveform (200Hz, 40%) Test 3.98 ± 9.6 % 10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 % 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 % 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 % 10671 AAC IEEE 802.11ax (20MHz, MCS0, 90pc dc) WLAN 9.09 ± 9.6 %	10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10661 AAA Pulse Waveform (200Hz, 60%) Test 2.22 ± 9.6 % 10662 AAA Pulse Waveform (200Hz, 80%) Test 0.97 ± 9.6 % 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ± 9.6 % 10671 AAC IEEE 802.11ax (20MHz, MCS0, 90pc dc) WLAN 9.09 ± 9.6 %	10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
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 %	10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 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 %	10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10671 AAC IEEE 802.11ax (20MHz, MCS0, 90pc dc) WLAN 9.09 ± 9.6 %		AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
	10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10672 AAC JEEE 802 11ax (20MHz MCS1 90pc dc) W/J ANJ 957 + 9.6 %	10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10072 AAO IEEE 002.1 Tax (2010112, 10001, 0000 00) WLAIN 0.57 19.0 %	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, 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 %
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10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %

10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	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 %
10770	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 %
10772	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 %
10779	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.38	± 9.6 %
10780	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)			± 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		
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10/64	AAD		5G NR FR1 TDD	8.29	± 9.6 %

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10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 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 %

			1	1	
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 10892	AAD AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 04QAM, 120 KHz)	5G NR FR2 TDD	8.41	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.66	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.67	± 9.6 % ± 9.6 %
10000	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67 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 %
10004	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10921 10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)			

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 %
103/4		ULLA BDR	ULLA	2.23	± 9.6 %
	AAA				± 9.6 %
10978		ULLA HDR4		7 02	
10978 10979	AAA	ULLA HDR4		7.02	
10978 10979 10980	AAA AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10978 10979 10980 10981	AAA AAA AAA	ULLA HDR8 ULLA HDRp4	ULLA ULLA	8.82 1.50	± 9.6 % ± 9.6 %
10978 10979 10980	AAA AAA	ULLA HDR8	ULLA	8.82	± 9.6 %

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

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

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



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Swiss Calibration Service

Accreditation No.: SCS 0108

Client

B.V. ADT (Auden)

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

Certificate No

EX-7554_Jul22/2

CALIBRATION CERTIFICATE (Replacement of No: EX-7554_Jul22)

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 (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	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: 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-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

Calibrated by	Name Leif Klysner	Function Laboratory Technician	Signature
Approved by	Sven Kühn	Technical Manager	9.45
This calibration certificate sha	I not be reproduced except in full wi	thout written approval of th	Issued: November 11, 2022 ne laboratory.

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



Schweizerischer Kalibrierdienst S

Service suisse d'étalonnage С

Servizio svizzero di taratura S

Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

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	arphi rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx, y, z: Assessed for E-field polarization $\vartheta = 0$ ($f \le 900$ MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx, y, z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x, y, z = NORMx, y, z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx, y, z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- · PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- · ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \le 800 \text{ MHz}$) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx, y, z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 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).

Basic Calibration Parameters

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

Calibration Results for Modulation Response

UID	Communication System Name		A dB	$^{ m B}_{ m dB}\sqrt{\mu V}$	С	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	167.5	±2.5%	±4.7%
		Y	0.00	0.00	1.00		169.0		
		Z	0.00	0.00	1.00		160.7		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	90.08	20.26	10.00	60.0	±3.6%	±9.6%
		Y	20.00	89.84	19.86		60.0		
		Z	20.00	88.13	18.82		60.0		
10353	Pulse Waveform (200Hz, 20%)	Х	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		
10354	Pulse Waveform (200Hz, 40%)	Х	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		
10355	Pulse Waveform (200Hz, 60%)	Х	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		
10387	QPSK Waveform, 1 MHz	X	1.73	66.41	15.28	1.00	150.0	±2.6%	±9.6%
		Y	1.51	64.08	13.55		150.0		
		Z	1.55	64.66	13.98		150.0		
10388	QPSK Waveform, 10 MHz	X	2.33	68.63	16.03	0.00	150.0	±1.0%	±9.6%
		Y	2.00	65.91	14.30		150.0		
		Z	2.04	66.32	14.71		150.0		
10396	64-QAM Waveform, 100 kHz	Х	3.24	72.10	19.69	3.01	150.0	±0.7%	±9.6%
		Y	2.84	69.31	18.13		150.0	1	
		Z	2.91	70.80	19.09		150.0	1	
10399	64-QAM Waveform, 40 MHz	X	3.56	67.36	15.92	0.00	150.0	±2.1%	±9.6%
		Y	3.37	66.18	15.08	1	150.0	1	
		Z	3.38	66.32	15.26	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.94	65.79	15.64	0.00	150.0	±4.2%	±9.6%
		Y	4.80	65.18	15.17]	150.0]	
		Z	4.77	65.22	15.23		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%.

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

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

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
х	49.8	372.23	35.61	26.41	0.00	5.10	1.14	0.30	1.01
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
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.

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (<i>k</i> = 2)
13	55.0	0.75	20.23	20.23	20.23	0.00	1.00	±13.3%
750	41.9	0.89	10.48	10.48	10.48	0.53	0.80	±12.0%
835	41.5	0.90	10.01	10.01	10.01	0.39	1.00	±12.0%
1450	40.5	1.20	8.83	8.83	8.83	0.42	0.80	±12.0%
1640	40.2	1.31	8.68	8.68	8.68	0.37	0.86	±12.0%
1750	40.1	1.37	8.60	8.60	8.60	0.33	0.86	±12.0%
1900	40.0	1.40	8.24	8.24	8.24	0.37	0.86	±12.0%
2000	40.0	1.40	8.20	8.20	8.20	0.34	0.86	±12.0%
2300	39.5	1.67	7.73	7.73	7.73	0.32	0.90	±12.0%
2450	39.2	1.80	7.50	7.50	7.50	0.35	0.90	±12.0%
2600	39.0	1.96	7.23	7.23	7.23	0.45	0.90	±12.0%
3300	38.2	2.71	6.98	6.98	6.98	0.30	1.35	±14.0%
3500	37.9	2.91	6.91	6.91	6.91	0.30	1.35	±14.0%
3700	37.7	3.12	6.73	6.73	6.73	0.30	1.35	±14.0%
3900	37.5	3.32	6.63	6.63	6.63	0.35	1.50	±14.0%
4100	37.2	3.53	6.44	6.44	6.44	0.35	1.50	±14.0%
4200	37.1	3.63	6.41	6.41	6.41	0.35	1.60	±14.0%
5250	35.9	4.71	5.14	5.14	5.14	0.40	1.80	±14.0%
5600	35.5	5.07	4.61	4.61	4.61	0.40	1.80	±14.0%
5800	35.3	5.27	4.79	4.79	4.79	0.40	1.80	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 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.

assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz. F At frequencies up to 6 GHz, the validity of tissue parameters (ε and σ) can be relaxed to $\pm 10\%$ if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target 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 $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

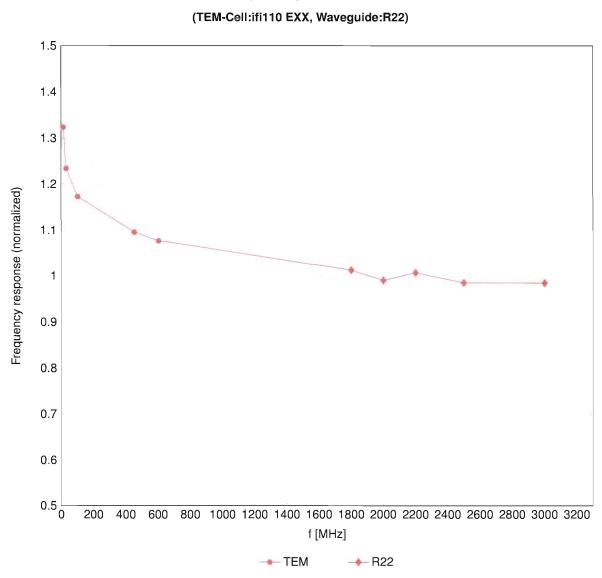
Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (<i>k</i> = 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	5.45	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 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. F 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

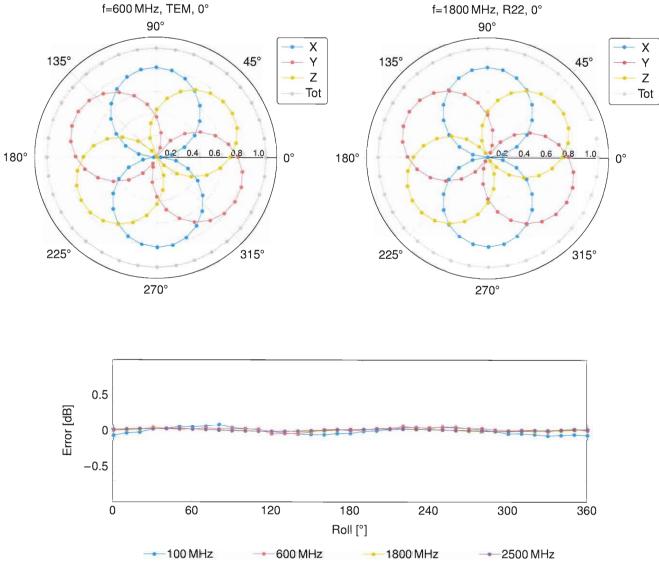
values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^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; 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.



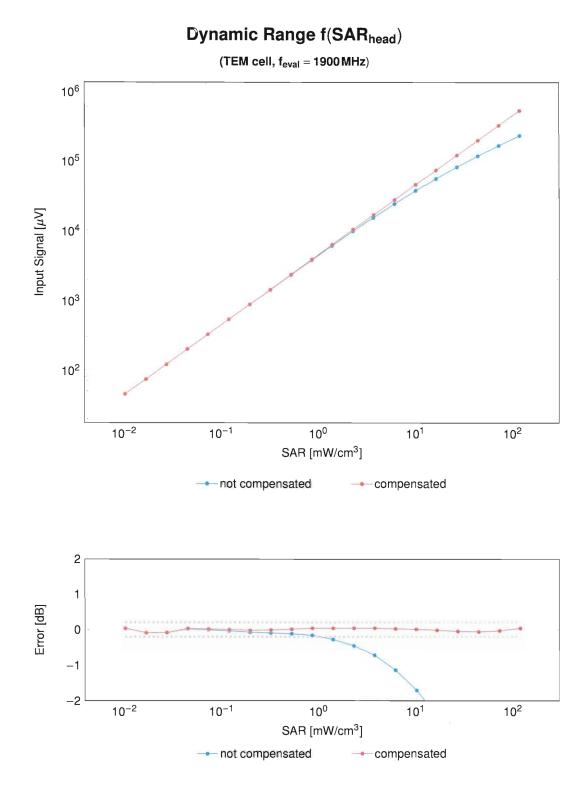
Frequency Response of E-Field

Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)



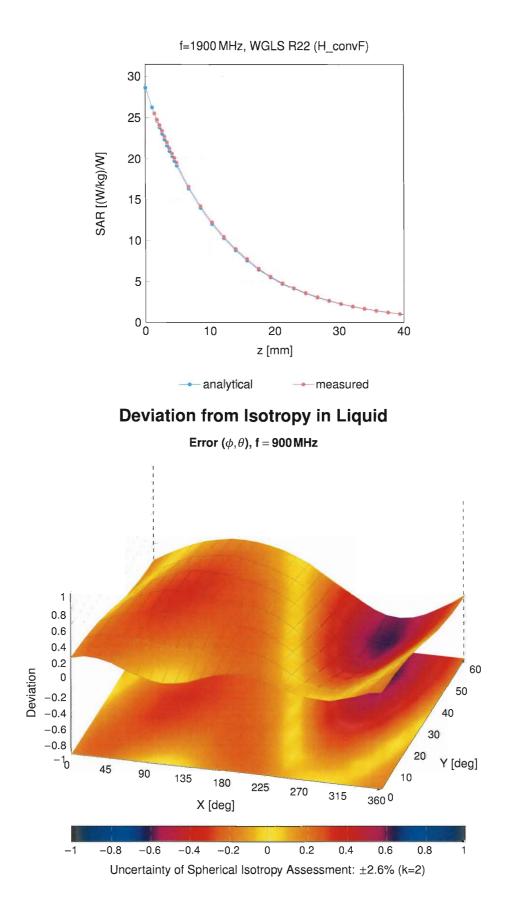
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

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



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

Conversion Factor Assessment



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10 033	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 (Pl/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	8.01	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10039	CAB CAB	CDMA2000 (1xRTT, RC1) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	CDMA2000 AMPS	4.57	±9.6 ±9.6
			AMPS		
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)		0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
	0.411	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10110	CAH		2.2.00	0.70	20.0

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	10.05	±9.6
10153	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10159	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
	CAF			6.58	
10162		LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD		±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±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, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	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
	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10223	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234 10235	CAH CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6 ±9.6
10230	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD LTE-TDD	9.96	±9.6
10257	CAC CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6 ±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (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
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK) PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5) PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	11.81	±9.6 ±9.6
10279	CAA AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10290	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10291	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10292	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	±9.6
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, 5 ms, 10 MHz, 64QAM, 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
10306	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e 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, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	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 duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (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 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 (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 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	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc 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)	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	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 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-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 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	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	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	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10404	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10465		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10465 10466	AAD				
10465 10466 10467	AAD AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465 10466 10467 10468	AAD AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10465 10466 10467 10468 10469	AAD AAG AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD LTE-TDD	8.32 8.56	±9.6 ±9.6
10465 10466 10467 10468	AAD AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±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	<u>±9.6</u>
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	<u>±9.6</u>
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	<u>±</u> 9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)		7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6 ±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)		7.74	±9.6
	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	WLAN		
10515		IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)		1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN WLAN	1.57	±9.6 ±9.6
	AAA AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10518 10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
	AAC			7.97	±9.6
		IEEE 802 11a/b WIEI 5 GHz (OEDM 24 Mbns 99nc duty cycle)	WIAN		
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN		+9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10522 10523	AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN WLAN	8.45 8.08	±9.6
10522 10523 10524	AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN WLAN WLAN	8.45 8.08 8.27	±9.6 ±9.6
10522 10523 10524 10525	AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36	+9.6 +9.6 +9.6
10522 10523 10524 10525 10526	AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42	± 9.6 ± 9.6 ± 9.6 ± 9.6
10522 10523 10524 10525 10526 10527	AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21	$ \begin{array}{r} \pm 9.6 \\ \end{array} $
10522 10523 10524 10525 10526 10527 10528	AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.21 8.36	$ \begin{array}{r} \pm 9.6 \\ \end{array} $
10522 10523 10524 10525 10526 10527 10528 10529	AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10522 10523 10524 10525 10526 10527 10528 10529 10531	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36 8.36 8.43	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10522 10523 10524 10525 10526 10527 10528 10529 10531 10532	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36 8.36 8.36 8.36 8.36 8.43 8.29	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10522 10523 10524 10525 10526 10527 10528 10529 10531 10532 10533	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36 8.36 8.43 8.29 8.38	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10522 10523 10524 10525 10526 10527 10528 10529 10531 10532 10533 10534	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36 8.36 8.43 8.29 8.38 8.45	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10522 10523 10524 10525 10526 10527 10528 10529 10531 10532 10533 10534 10535	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36 8.36 8.43 8.29 8.38 8.45	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10522 10523 10524 10525 10526 10527 10528 10529 10531 10532 10533 10534 10535 10536	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36 8.36 8.36 8.38 8.43 8.29 8.38 8.45 8.45 8.32	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10522 10523 10524 10525 10526 10527 10528 10529 10531 10532 10533 10534 10535	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36 8.36 8.43 8.29 8.38 8.45	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty 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	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552 10553	AAC AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN WLAN	8.42	±9.6 ±9.6
10553	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567 10568	AAA AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN WLAN	8.00	±9.6 ±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 38 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 46 Mips, 99pc duty cycle)	WLAN	8.30	±9.6
10570	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±0.0 ±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN WLAN	8.67	±9.6 ±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 8 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597 10598	AAC AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle) IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.72	±9.6 ±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10 603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10604	1.10	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10604	AAC	;,,,,,,			
	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10605			WLAN WLAN WLAN	8.82 8.64 8.77	+9.6 +9.6 +9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	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
4 * * - *	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10683			1 1 4 4 4 5 5		
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
		IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN WLAN WLAN	8.26 8.33 8.28	+9.6 +9.6 +9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 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 (160 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	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10710	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10749		IEEE 000 they (100 MUE MOOZ 00mg duty system)	WLAN	8.79	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)		0.75	13.0
	AAC AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.82	±9.6

1975 Add LEFE 802 1111 (100HL, MCS 11, 800: duty cycle) WLAN 1976 1975 Add LEEE 802 1111 (100HL, MCS 11, 900: duty cycle) WLAN 8.94 19.65 1975 Add LEEE 802 1111 (100HL, MCS 1990: duty cycle) WLAN 8.77 19.66 1976 Add LEEE 802 1111 (100HL, MCS 29, 990: duty cycle) WLAN 8.77 19.6 1978 Add LEEE 802 1111 (100HL, MCS 29, 990: duty cycle) WLAN 8.69 19.6 1978 Add LEEE 802 1111 (100HL, MCS 29, 990: duty cycle) WLAN 8.49 2.8.6 1978 Add LEEE 802 1111 (100HL, MCS 29, 990: duty cycle) WLAN 8.49 2.8.6 1978 Add LEEE 802 1111 (100HL, MCS 3990: duty cycle) WLAN 8.43 2.8.6 1978 Add LEE 802 1111 (100HL, MCS 3990: duty cycle) WLAN 8.24 2.8.6 1978 Add LEE 802 1111 (100HL, MCS 3990: duty cycle) WLAN 8.24 2.8.6 1978 Add LEE 802 11111 (100HL, MCS 3990: duty cycle) WLAN 8.24 </th <th>UID</th> <th>Rev</th> <th>Communication System Name</th> <th>Group</th> <th>PAR (dB)</th> <th>$Unc^E k = 2$</th>	UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10754 ACC LEFE 80.11 kt (100 MHz, MCS 11, Spic duty cycle) WLAN 8.42 1.8.6 10756 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.77 1.8.6 10757 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.77 1.8.6 10758 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.58 1.9.6 10758 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.58 1.9.6 10761 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.58 1.9.6 10774 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.53 1.8.6 10787 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.53 1.8.6 10787 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.54 1.8.6 10787 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex duty cycle) WLAN 8.51 1.8.0 10787 ACC IEEE 80.11 kt (100 MHz, MCS 190 ex du				<u> </u>	· · · ·	
10756 AAC LEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.77 =9.6 10757 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.77 =9.6 10758 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.68 =5.6 10758 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.49 =5.6 10761 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.49 =5.6 10762 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.49 =5.6 10763 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.54 =3.6 10764 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.51 =3.6 10767 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.51 =3.6 10767 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle) WLAN 8.51 =3.6 10768 AAC IEEE 802.11 ks (100MHz, MCS3, 990 cday cycle)						
10786 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.77 #5.8 10787 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.59 #5.96 10789 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.58 #5.96 10780 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.58 #5.96 10771 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.58 #5.96 10778 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.54 #5.96 10778 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.54 #5.6 10776 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.54 #5.6 10776 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.54 #5.6 10768 AAC IEEE 802.11 tar (100 MHz, MCS3: 99p. day optio) WLAN 8.54 #5.6 10776 AAC IAAC IEEE 802.11						
10757 ACC IEEE 80.211 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.67 ±9.6 10758 ACC IEEE 80.211 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.58 ±9.6 10769 ACC IEEE 80.211 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.49 ±9.6 10761 ACC IEEE 80.211 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.49 ±9.6 10762 ACC IEEE 80.211 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.49 ±9.6 10764 ACC IEEE 80.211 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.44 ±9.6 10764 ACC IEEE 80.21 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.54 ±9.6 10767 ACC IEEE 80.21 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.54 ±9.6 10767 ACC IEEE 80.21 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.54 ±9.6 10776 ACC IEEE 80.21 tar (160 MHz, MCS3, 99pc duty cycle) WL AN 8.54 ±9.6 10777 AD SG NR (PC OPCML NE, 80 M		-				
10785 ACC IEEE 80.211 at (160 MHz, MCS, 99pc July cyclin) WLAN 8.69 1.96 10769 ACC IEEE 80.211 at (160 MHz, MCS, 99pc July cyclin) WLAN 8.54 1.96 10761 ACC IEEE 80.211 at (160 MHz, MCS, 99pc July cyclin) WLAN 8.54 1.96 10781 ACC IEEE 80.211 at (160 MHz, MCS, 99pc July cyclin) WLAN 8.53 1.96 10783 ACC IEEE 80.211 at (160 MHz, MCSS, 99pc July cyclin) WLAN 8.54 2.96 10765 ACC IEEE 80.211 at (160 MHz, MCSS, 99pc July cyclin) WLAN 8.54 2.96 10766 ACC IEEE 80.211 at (160 MHz, MCSS, 109pc July cyclin) WLAN 8.54 2.96 10767 ALC SG NR (PC+OPCM, H.B. SMHz, OPSK, 15 MHz) SG NR FR1 TDD 8.01 2.96 10776 ADC SG NR (PC+OPCM, H.B. SMHz, OPSK, 15 MHz) SG NR FR1 TDD 8.02 2.96 10777 AD SG NR (PC+OPCM, H.B. 3.0 MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.02 2.96 10777 AD SG NR (PC+OPCM, H.B. 3.0 MHz						
10759 AC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.49 2.86 10761 AC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.49 2.86 10762 AC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.49 2.86 10762 AC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.54 2.86 10764 AC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.54 2.86 10765 AC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.51 2.96 10768 AC IEEE 80.21 tax (160 MHz, MCS, 196 KJS, 15 Hz) 50 NR FPI TDD 8.01 2.96 10778 AD 50 NR (PC-POTM, 1FB, 15 MHz, OPSK, 15 Hz) 50 NR FPI TDD 8.01 2.96 10778 AD 50 NR (PC-POTM, 1FB, 20ML, OPSK, 15 Hz) 50 NR FPI TDD 8.02 2.96 10777 AD 50 NR (PC-POTM, 1FB, 50ML, OPSK, 15 Hz) 50 NR FPI TDD 8.02 2.96 10777 AD 50 NR (PC-POTM, 1FB, 50ML, OPSK, 15 Hz)						
10760 AC IEEE 80.21 tar (160 MHz, MCSS, 9950 cuty cycle) WLAN 8.49 28.6 10781 AC IEEE 80.21 tar (160 MHz, MCSS, 9950 cuty cycle) WLAN 8.39 2.86 10783 AC IEEE 80.21 tar (160 MHz, MCSS, 9950 cuty cycle) WLAN 8.34 2.86 10784 AC IEEE 80.21 tar (160 MHz, MCSS, 9950 cuty cycle) WLAN 8.54 2.86 10785 AC IEEE 80.21 tar (160 MHz, MCSS, 9950 cuty cycle) WLAN 8.54 2.96 10786 AC IEEE 80.21 tar (160 MHz, MCSS, 9950 cuty cycle) WLAN 8.51 2.96 10776 AC IEEE 80.21 tar (160 MHz, MCSS, 15 KHz) 50 NR FP1 TDD 8.01 2.96 10778 AD 50 NR (PC POFDM, TB, 15 KHz, 16 SKHz) 50 NR FP1 TDD 8.02 2.98 10771 AD 50 NR (PC POFDM, TB, 25 KHz, 15 KHz) 50 NR FP1 TDD 8.02 2.98 10774 AD 50 NR (PC POFDM, TB, 25 KHz, 15 KHz) 50 NR FP1 TDD 8.02 2.98 10774 AD 50 NR (PC POFDM, 50 KFR, 51 KHz) 50 NR						
10761 ACC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.49 10762 ACC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.43 2.96 10764 ACC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.54 2.96 10766 ACC IEEE 80.21 tax (160 MHz, MCS, 990 cuty cycle) WLAN 8.51 2.96 10766 ACC IEEE 80.21 tax (160 MHz, MCS, 1996 cuty cycle) WLAN 8.51 2.96 10776 ACC IEEE 80.21 tax (160 MHz, MCS, 1996 cuty cycle) WLAN 8.51 2.96 10778 AD SG NR (PC-PORM, TBR, 10MHz, OPSK, 15 Hz) SG NR PFH TDD 8.01 2.96 10777 AD SG NR (PC-PORM, 1BR, 20MHz, OPSK, 15 Hz) SG NR FFH TDD 8.02 2.96 10777 AD SG NR (PC-PORM, 1BR, 20MHz, OPSK, 15 Hz) SG NR FFH TDD 8.03 2.96 10777 AD SG NR (PC-PORM, 1BR, 20MHz, OPSK, 15 Hz) SG NR FFH TDD 8.03 2.96 10774 AD SG NR (PC-PORM, 59K, 15 Hz) SG NR FFH TDD						
10767 ACC IEEE 802.11x (100 MHz, MCS8, 299, duty, opel) WLAN 8.53 19.65 10766 ACC IEEE 802.11x (100 MHz, MCS8, 299, duty, opel) WLAN 8.54 19.65 10766 ACC IEEE 802.11x (100 MHz, MCS1), 99, duty, opel) WLAN 8.51 19.65 10766 ACC IEEE 802.11x (100 MHz, MCS1), 99, duty, opel) WLAN 8.51 19.65 107676 ACC IEEE 802.11x (100 MHz, MCS1), 99, duty, opel) WLAN 8.51 19.65 10778 ADD SO NR (CP-OFDML 188, 15MHz, OPSK, 15 Hzl) SG NR FPI TDD 8.01 2.9.6 10779 ADD SO NR (CP-OFDML 188, 20MHz, OPSK, 15 Hzl) SG NR FPI TDD 8.02 2.9.6 10774 ADD SO NR (CP-OFDML 188, 20MHz, OPSK, 15 Hzl) SG NR FPI TDD 8.03 2.9.6 10774 ADD SO NR (CP-OFDML 188, 20MHz, OPSK, 15 Hzl) SG NR FPI TDD 8.03 2.9.6 10774 ADD SO NR (CP-OFDML 188, 20MHz, OPSK, 15 Hzl) SG NR FPI TDD 8.30 2.9.6 10776 ADD SO NR (CP-OFDML 50% BR,	10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10764 AAC IEFE 802 11 at (160 MHE, NCS3) 98pc duty cycle) WLAN 8.54 9.86 10765 AAC IEEE 802 11 at (160 MHE, NCS1) 98pc duty cycle) WLAN 8.51 9.86 10767 AAC IEEE 802 11 at (160 MHE, NCS1) 98pc duty cycle) WLAN 8.51 9.86 10767 AAC IEEE 802 11 at (160 MHE, NCS1) 98pc duty cycle) SG NR FPI 17DD 8.01 2.56 10767 AAC SG NR (CP-OFDM 1 BB, 15MHC 0PSK, 15 H42) SG NR FPI 17DD 8.02 2.56 10777 ADD SG NR (CP-OFDM 1 BB, 25MHC 0PSK, 15 H42) SG NR FPI 17DD 8.02 2.56 10777 ADD SG NR (CP-OFDM 1 BB, 25MHC 0PSK, 15 H42) SG NR FPI 17DD 8.02 2.56 10774 ADD SG NR (CP-OFDM, 1BB, 25MHC 0PSK, 15 H42) SG NR FPI 17DD 8.30 2.56 10774 ADD SG NR (CP-OFDM, 50%, RB, 15MH2, 0PSK, 15 H42) SG NR FPI 17DD 8.30 2.56 10774 ADD SG NR (CP-OFDM, 50%, RB, 15MH2, 0PSK, 15 H42) SG NR FPI 17DD 8.30 2.56 10777 ADD S	10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10765 ACC IEEE 802111x (100 MHz, MCS11, 990c altry cycle) WLAN 9.54 1.9.69 10767 AAC 55 NR (CP-OFDM, 1 RB, 5MHz, OPSK, 15 Hk12) 56 NR FPI TDD 7.99 1.9.69 10768 AAD 55 NR (CP-OFDM, 1 RB, 15MHz, OPSK, 15 Hk12) 56 NR FPI TDD 8.01 1.9.68 10778 AAD 55 NR (CP-OFDM, 1 RB, 15MHz, OPSK, 15 Hk12) 56 NR FPI TDD 8.01 1.9.68 10779 AAD 55 NR (CP-OFDM, 1 RB, 20MLz, OPSK, 15 Hk12) 56 NR FPI TDD 8.02 1.9.68 10771 AAD 55 NR (CP-OFDM, 1 RB, 20MLz, OPSK, 15 Hk12) 56 NR FPI TDD 8.03 1.9.68 10774 AAD 55 NR (CP-OFDM, 1 RB, 20MLz, OPSK, 15 Hk12) 56 NR FPI TDD 8.03 1.9.68 10774 AAD 50 NR (CP-OFDM, 50% RB, 50 Mk2, OPSK, 15 Hk12) 56 NR FPI TDD 8.30 1.9.8 10776 AAD 50 NR (CP-OFDM, 50% RB, 15 Mk12, OPSK, 15 Hk12) 56 NR FPI TDD 8.30 1.9.8 10776 AAD 50 NR (CP-OFDM, 50% RB, 25 Mk2, OPSK, 15 Hk12) 56 NR FPI TDD 8.30 1.9.8 10778	10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10766 AAC IEEE 802 11ax (160 MHz, MCS11, 99c clury cycle) WLAN 8.51 19.6 10767 AAE SG NR (CP-OPDM, 1 B8, 51MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.01 29.6 10768 AAD SG NR (CP-OPDM, 1 B8, 15MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.01 29.6 10770 AAD SG NR (CP-OPDM, 1 B8, 20MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.02 29.6 10771 AAD SG NR (CP-OPDM, 1 B8, 20MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.02 29.6 10772 AAD SG NR (CP-OPDM, 1 B8, 20MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.03 29.6 10777 AAD SG NR (CP-OPDM, 1 B8, 20MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.30 29.6 10776 AAD SG NR (CP-OPDM, 50% RB, 20MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.30 29.6 10777 AAD SG NR (CP-OPDM, 50% RB, 20MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.30 29.6 10778 AAD SG NR (CP-OPDM, 50% RB, 20MHz, OPSK, 15 MHz) SG NR FR1 TDD 8.30 29.6 10778 AAD <	10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10767 ARE SG NR (CP-OPDM, 1 B8, 10MHz, OPSK, 15 kHz) SG NR FRI TDD 2.99 19.6 10768 AAD SG NR (CP-OPDM, 1 B8, 10MHz, OPSK, 15 kHz) SG NR FRI TDD 8.01 ±9.6 10778 AAD SG NR (CP-OPDM, 1 B8, 15MHz, OPSK, 15 kHz) SG NR FRI TDD 8.02 ±9.6 10771 AAD SG NR (CP-OPDM, 1 B8, 25MHz, OPSK, 15 kHz) SG NR FRI TDD 8.02 ±9.6 10772 AAD SG NR (CP-OPDM, 1 B8, 25MHz, OPSK, 15 kHz) SG NR FRI TDD 8.02 ±9.6 10773 AAD SG NR (CP-OPDM, 1 B8, 30 MHz, OPSK, 15 kHz) SG NR FRI TDD 8.03 ±9.6 10775 AAD SG NR (CP-OPDM, 1 B8, 30 MHz, OPSK, 15 kHz) SG NR FRI TDD 8.31 ±9.6 10776 AAD SG NR (CP-OPDM, 50% B8, 15 MHz, OPSK, 15 kHz) SG NR FRI TDD 8.30 ±9.6 10776 AAD SG NR (CP-OPDM, 50% B8, 20 MHz, OPSK, 15 kHz) SG NR FRI TDD 8.38 ±9.6 10777 AAD SG NR (CP-OPDM, 50% B8, 20 MHz, OPSK, 15 kHz) SG NR FRI TDD 8.38 ±9.6 10780 AAD	10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10768 ADD SG NR PLCP-OPDM, 1 BB, 15MHz, OPSK, 15 MHz) SG NR PR1 TDD 8.01 196 10776 AAD SG NR (PC-OPDM, 1 BB, 32MHz, OPSK, 15 MHz) SG NR PR1 TDD 8.02 ±96 10777 AAD SG NR (PC-OPDM, 1 BB, 32MHz, OPSK, 15 MHz) SG NR PR1 TDD 8.02 ±96 10777 AAD SG NR (PC-OPDM, 1 BB, 30MHz, OPSK, 15 MHz) SG NR PR1 TDD 8.02 ±96 10777 AAD SG NR (PC-OPDM, 1 BB, 30MHz, OPSK, 15 MHz) SG NR PR1 TDD 8.02 ±96 10777 AAD SG NR (PC-OPDM, 1 BB, 30MHz, OPSK, 15 MHz) SG NR PR1 TDD 8.02 ±96 10776 AAD SG NR (PC-OPDM, S9% BB, 10MHz, OPSK, 15 MHz) SG NR PR1 TDD 8.30 ±26 10777<	10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10769 AD SG NR (CP-OPDM, 1 R8, 15MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.01 29.6 10771 AD SG NR (CP-OPDM, 1 R8, 20MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.02 29.6 10771 AD SG NR (CP-OPDM, 1 R8, 20MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.02 29.6 10772 AD SG NR (CP-OPDM, 1 R8, 30MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.03 29.6 10774 AD SG NR (CP-OPDM, 1 R8, 30MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.31 29.6 10775 AD SG NR (CP-OPDM, 50% R8, 5MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.31 29.6 10777 AD SG NR (CP-OPDM, 50% R8, 5MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.30 29.6 10778 AD SG NR (CP-OPDM, 50% R8, 20MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.38 29.6 10778 AD SG NR (CP-OPDM, 50% R8, 20MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.38 29.6 10784 AD SG NR (CP-OPDM, 50% R8, 20MHz, OPSK, 15 Hz) SG NR FR1 TDD 8.38 29.6 10784 AD SG NR (CP-OP	10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10707 AAD SG NR ICP-OFDM, 1 RB, 20MHz, OPSK, 15 Hzl2; SG NR FFR 17DD 8.02 ±9.6 10772 AAD SG NR ICP-OFDM, 1 RB, 20MHz, OPSK, 15 Hzl2; SG NR FFR 17DD 8.02 ±9.6 10772 AAD SG NR ICP-OFDM, 1 RB, 20MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.02 ±9.6 10774 AAD SG NR ICP-OFDM, 1 RB, 20MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.02 ±9.6 10775 AAD SG NR ICP-OFDM, 50% RB, 50MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.31 ±9.6 10776 AAD SG NR ICP-OFDM, 50% RB, 50MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.30 ±9.6 10777 AAC SG NR ICP-OFDM, 50% RB, 50MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.34 ±9.6 10778 AAC SG NR ICP-OFDM, 50% RB, 50MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.34 ±9.6 10780 AAD SG NR ICP-OFDM, 50% RB, 50MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.38 ±9.6 10781 AAD SG NR ICP-OFDM, 50% RB, 50MHz, OPSK, 15 Hzl2; SG NR FR 17DD 8.33 ±9.6 10782 AAD SG NR ICP-OFDM, 100% RB, 50MHz, OPSK, 15 Hzl2; SG NR FR 17DD	10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10771 AAD G NA RICP-OFDM. 1 RB, 25MHz, OPSK, 15 M42; SG NA RICP-ITDD 8.02 ±9.6 10772 AAD G NA RICP-OFDM. 1 RB, 20MHz, OPSK, 15 M42; SG NA RICP. 17DD 8.03 ±9.6 10774 AAD G NA RICP-OFDM. 1 RB, 20MHz, OPSK, 15 M42; SG NA RICP. 17DD 8.03 ±9.6 10775 AAD SG NA RICP-OFDM. 50% RB, 50 MHz, OPSK, 15 M42; SG NA RICP. 17DD 8.30 ±9.6 10776 AAD SG NA RICP-OFDM. 50% RB, 50 MHz, OPSK, 15 M42; SG NA RICP. 17DD 8.30 ±9.6 10777 AAC SG NA RICP-OFDM. 50% RB, 50 MHz, OPSK, 15 M42; SG NA RICP. 17DD 8.30 ±9.6 10778 AAD SG NA RICP-OFDM. 50% RB, 50 MHz, OPSK, 15 M42; SG NA RICP 17DD 8.42 ±9.6 10780 AAD SG NA RICP-OFDM. 50% RB, 80 MHz, OPSK, 15 M42; SG NA RICP 17DD 8.32 ±9.6 10781 AAD SG NA RICP-OFDM. 50% RB, 80 MHz, OPSK, 15 M42; SG NA RICP 17DD 8.33 ±9.6 10782 AAD SG NA RICP-OFDM. 100% RB, 15 MHz, OPSK, 15 M42; SG NA RICP 17DD 8.43 ±9.6 10784 AAD SG NA RICP-OFDM. 100% RB, 15 MHz, OPSK, 15 M42; <t< td=""><td>10769</td><td>AAD</td><td>5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)</td><td>5G NR FR1 TDD</td><td>8.01</td><td>±9.6</td></t<>	10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10727 AAD 6G NR (CP-OPDM, 1 B8, 30MHz, OPSK, 15 kHz) 5G NR FFR 1TDD 8.23 ±9.6 10774 AAD 5G NR (CP-OPDM, 1 B8, 30MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.03 ±9.6 10775 AAD 5G NR (CP-OPDM, 50% R8, 5MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.31 ±9.6 10776 AAD 5G NR (CP-OPDM, 50% R8, 15 MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.33 ±9.6 10777 AAC 5G NR (CP-OPDM, 50% R8, 15 MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.34 ±9.6 10778 AAD 5G NR (CP-OPDM, 50% R8, 15 MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.34 ±9.6 10780 AAD 5G NR (CP-OPDM, 50% R8, 30 MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.34 ±9.6 10781 AAD 5G NR (CP-OPDM, 50% R8, 30 MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.34 ±9.6 10782 AAD 5G NR (CP-OPDM, 100% R8, 5MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.34 ±9.6 10783 AAD 5G NR (CP-OPDM, 100% R8, 20 MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8.34 ±9.6 10784 AAD 5G NR (CP-OPDM, 100% R8, 20 MHz, OPSK, 15 kHz) 5G NR FR 1TDD 8	10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10773 AAD 6G NR (CP-OFDM, 118, 60/MHz, OPSK, 15 kHz) 5G NR FFR 17DD 8.03 ±9.6 10774 AAD 6G NR (CP-OFDM, 158, 60/MHz, OPSK, 15 kHz) 5G NR FFR 17DD 8.31 ±9.6 10775 AAD 5G NR (CP-OFDM, 50%, RB, 5MHz, OPSK, 15 kHz) 5G NR FFR 17DD 8.31 ±9.6 10776 AAD 5G NR (CP-OFDM, 50%, RB, 10 kHz, OPSK, 15 kHz) 5G NR FR 17DD 8.30 ±9.6 10777 AAC 5G NR (CP-OFDM, 50%, RB, 80 kHz, OPSK, 15 kHz) 5G NR FR 17DD 8.34 ±9.6 10778 AAC 5G NR (CP-OFDM, 50%, RB, 30 MHz, OPSK, 15 kHz) 5G NR FR 17DD 8.34 ±9.6 10781 AAD 5G NR (CP-OFDM, 50%, RB, 30 MHz, OPSK, 15 kHz) 5G NR FR 17DD 8.38 ±9.6 10782 AAD 5G NR (CP-OFDM, 100%, RB, 10 MHz, OPSK, 15 kHz) 5G NR FR 17DD 8.34 ±9.6 10784 AAD 5G NR (CP-OFDM, 100%, RB, 20 MHz, OPSK, 15 kHz) 5G NR FR 17DD 8.43 ±9.6 10785 AAD 5G NR (CP-OFDM, 100%, RB, 20 MHz, OPSK, 15 kHz) 5G NR FR 17DD 8.44 ±9.6 10786 </td <td>10771</td> <td>-</td> <td></td> <td>5G NR FR1 TDD</td> <td>8.02</td> <td>±9.6</td>	10771	-		5G NR FR1 TDD	8.02	±9.6
10777 AAD 56 NR PRI TDD 8.02 19.6 10775 AAD 56 NR PRI TDD 8.31 19.6 10776 AAD 56 NR PRI TDD 8.31 19.6 10777 AAC 56 NR PRI TDD 8.30 19.6 10777 AAC 56 NR PRI TDD 8.30 19.6 10777 AAC 56 NR PRI TDD 8.30 19.6 10777 AAC 56 NR PRI TDD 8.34 19.6 10778 AAC 56 NR PRI TDD 8.34 19.6 1078 AAD 56 NR PRI TDD 8.34 19.6 1078 AAD 56 NR PRI TDD 8.33 19.6 1078 AAD 56 NR PRI TDD 8.33 19.6 1078 AAD 56 NR (P-OFDM, 100% RB, 50 MHz, OPSK, 15 Hz) 56 NR PRI TDD 8.31 19.6 1078 AAD 56 NR (P-OFDM, 100% RB, 50 MHz, OPSK, 15 Hz) 56 NR PRI TDD 8.43 19.6 1078 AAD 56 NR (P-OFDM, 100% RB, 50 MHz, OPSK, 15 Hz) 56 NR PRI TDD 8.44 19.6 10788 AAD 56 NR (P-		AAD		5G NR FR1 TDD	8.23	±9.6
10775 AAD 5G NR (CP-OFDM, 50%, RB, 5MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.30 ±9.6 10776 AAC 5G NR (CP-OFDM, 50%, RB, 15 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.30 ±9.6 10777 AAC 5G NR (CP-OFDM, 50%, RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.34 ±9.6 10778 AAD 5G NR (CP-OFDM, 50%, RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.34 ±9.6 1078 AAD 5G NR (CP-OFDM, 50%, RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.38 ±9.6 1078 AAD 5G NR (CP-OFDM, 50%, RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.33 ±9.6 1078 AAD 5G NR (CP-OFDM, 100%, RB, 5MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.31 ±9.6 1078 AAD 5G NR (CP-OFDM, 100%, RB, 5MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.32 ±9.6 1078 AAD 5G NR (CP-OFDM, 100%, RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.42 ±9.6 10780 AAD 5G NR (CP-OFDM, 100%, RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.37 ±9.6 10780 AAD 5G NR (CP-OFDM, 100%, RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8						±9.6
10777 AAD 5G NR (CP-OPDM, 50%, RB, 10MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.30 ±9.6 10777 AAC 5G NR (CP-OFDM, 50%, RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.30 ±9.6 10778 AAC 5G NR (CP-OFDM, 50%, RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.42 ±9.6 1078 AAD 5G NR (CP-OFDM, 50%, RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.33 ±9.6 1078 AAD 5G NR (CP-OFDM, 50%, RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.33 ±9.6 10781 AAD 5G NR (CP-OFDM, 50%, RB, 50 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.33 ±9.6 10782 AAD 5G NR (CP-OFDM, 100%, RB, 5MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.31 ±9.6 10784 AAD 5G NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.40 ±9.6 10787 AAD 5G NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.39 ±9.6 10788 AAD 5G NR (CP-OFDM, 100%, RB, 50 MHz, OPSK, 15 Hz) 5G NR FR1 TDD 8.39 ±9.6 10788 <						
10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.30 19.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.42 19.6 1078 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.42 19.6 1078 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 19.6 1078 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 19.6 1078 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 19.6 10784 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 19.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 19.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 19.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 19.6 10784						
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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 10812 AAD 5G NR (CP-OFDM, 100% RB, 50 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 8.41 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD <td>10806</td> <td>AAD</td> <td>5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)</td> <td>5G NR FR1 TDD</td> <td>8.37</td> <td>±9.6</td>	10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±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 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 8.41 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10825 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD <td>10809</td> <td>AAD</td> <td>5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)</td> <td>5G NR FR1 TDD</td> <td>8.34</td> <td>±9.6</td>	10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±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, 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 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 1082	10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±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, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 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 8.41 ±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	10812	AAD		5G NR FR1 TDD	8.35	±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 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 8.41 ±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	10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±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, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 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	10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±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, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10824 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						
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						
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	10821	AAD			8.41	±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		-				
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						
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						
	10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833 10834	AAD AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.75	±9.6 ±9.6
10835	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 AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.35 8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.36	±9.6 ±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874 10875	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.65 7.78	±9.6 ±9.6
10875	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 KHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887 10888	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	7.78	±9.6 ±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAB AAC	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-S-OFDM, 50% RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78 5.93	±9.6 ±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QF3K, 30 KHz)	5G NR FR1 TDD	5.96	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
.0010	1.040			0.00	

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
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 (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC AAB	5G NR (DFT-S-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6 ±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
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 AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 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 5G NR FR1 FDD	5.51 5.51	±9.6 ±9.6
10934	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 10947	AAC AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.87	±9.6 ±9.6
10948	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 AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	9.40 9.55	±9.6 ±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 KHz)	5G NR FR1 TDD	9.55	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6

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

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



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Client

B.V. ADT (Auden)

Certificate No

EUmm-9438_Jul22

CALIBRATION CERTIFICATE

Object	EUmmWV4 - SN:9438
Calibration procedure(s)	QA CAL-02.v9, QA CAL-25.v7, QA CAL-42.v2 Calibration procedure for E-field probes optimized for close near field evaluations in air
Calibration date	July 18, 2022

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 sensor NRP110T	SN: 101244	14-Mar-22 (No. 20A1037915)	Mar-23
Spectrum analyzer FSV40	SN: 101832	25-Jan-22 (No. 4030-315003399)	Jan-25
Ref. Probe EUmmWV3	SN: 9374	21-Dec-21 (No. EUmmWV3-9374_Dec21)	Dec-22
DAE4	SN: 789	24-Dec-21 (No. DAE4-789_Dec21)	Dec-22

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Generator APSIN26G	SN: 669	28-Mar-17 (in house check May-22)	In house check: May-23
Generator Agilent E8251A	SN: US41140111	28-Mar-17 (in house check May-22)	In house check: May-23

	Name	Function	Signature
Calibrated by	Leif Klysner	Laboratory Technician	Seef Alen
Approved by	Sven Kühn	Technical Manager	5.12
This calibration certifica	te shall not be reproduced except	in full without written approval of the lab	Issued: July 21, 2022 poratory.

Calibration Laboratory of

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



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Swiss Calibration Service

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Glossary

NORMx,y	sensitivity in free space
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	arphi rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis
Connector Angle Sensor Angles \vec{k}	information used in DASY system to align probe sensor X to the robot coordinate system sensor deviation from the probe axis, used to calculate the field orientation and polarization is the wave propagation direction

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y: Assessed for E-field polarization $\vartheta = 0$ ($f \le 900$ MHz in TEM-cell; f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- DCPx,y: 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
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R_p, inductance L and capacitors C, C_p).
- Ax,y; Bx,y; Cx,y; Dx,y; VRx,y: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- · Sensor Offset: The sensor offset corresponds to the 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).
- · Equivalent Sensor Angle: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORMx (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy): in a locally homogeneous field realized using an open waveguide / horn setup.

Parameters of Probe: EUmmWV4 - SN:9438

Basic Calibration Parameters

	Sensor X	Sensor Y	Unc (<i>k</i> = 2)
Norm $(\mu V/(V/m)^2)$	0.01991	0.02028	±10.1%
DCP (mV) ^B	106.0	105.0	±4.7%
Equivalent Sensor Angle	-61.5	33.5	

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

Frequency MHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (<i>k</i> = 2) dB
0.75	77.2	-0.21	-0.17	±0.43
1.8	140.4	-0.01	-0.00	±0.43
2.0	133.0	0.11	0.14	±0.43
2.2	124.8	-0.09	-0.05	±0.43
2.5	123.0	0.10	0.09	±0.43
3.5	256.2	-0.23	-0.32	±0.43
3.7	249.8	-0.13	-0.24	±0.43
6.6	76.1	-0.17	-0.38	±0.98
8.0	68.3	-0.05	-0.21	±0.98
10.0	67.5	0.13	0.15	±0.98
15.0	55.3	0.65	0.65	±0.98
26.6	114.9	0.36	0.35	±0.98
30.0	121.2	0.36	0.35	±0.98
35.0	119.8	0.36	0.38	±0.98
40.0	105.8	0.28	0.31	±0.98
50.0	60.5	-0.01	0.08	±0.98
55.0	75.8	0.01	-0.04	±0.98
60.0	80.0	0.01	0.00	±0.98
65.0	77.7	0.01	0.07	±0.98
70.0	73.8	0.01	0.01	±0.98
75.0	73.2	-0.20	-0.21	±0.98
75.0	80.8	0.09	0.07	±0.98
80.0	79.9	-0.18	-0.16	±0.98
85.0	47.6	-0.15	-0.18	±0.98
90.0	72.3	-0.00	0.00	±0.98
92.0	72.0	0.09	0.09	±0.98
95.0	66.6	0.11	0.13	±0.98
97.0	57.0	0.16	0.16	±0.98
100.0	55.0	0.20	0.20	±0.98
105.0	53.0	-0.28	-0.23	±0.98
110.0	61.1	-0.07	-0.17	±0.98

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%.

^B Linearization parameter uncertainty for maximum specified field strength.

Parameters of Probe: EUmmWV4 - SN:9438

Calibration Results for Modulation Response

UID	Communication System Name		A	В	С	D	VR	Max	Max
	-		dB	dBõV		dB	mV	dev.	Unc ^E
				, .					<i>k</i> = 2
0	CW	Х	0.00	0.00	1.00	0.00	138.2	±3.0%	±4.7%
		Y	0.00	0.00	1.00	1	63.7	1	
10352	Pulse Waveform (200Hz, 10%)	X	3.35	60.00	14.30	10.00	6.0	±1.4%	±9.6%
		Y	2.92	60.00	15.49	1	6.0	1	
10353	Pulse Waveform (200Hz, 20%)	X	2.35	60.00	13.04	6.99	12.0	±1.1%	±9.6%
		Y	1.98	60.00	14.49	1	12.0	1	
10354	Pulse Waveform (200Hz, 40%)	X	1.41	60.00	11.65	3.98	23.0	±1.7%	±9.6%
		Y	1.20	60.00	13.27		23.0	1	
10355	Pulse Waveform (200Hz, 60%)	X	0.82	60.00	10.88	2.22	27.0	±1.3%	±9.6%
		Y	0.82	60.00	12.20	1	27.0	1	
10387	QPSK Waveform, 1 MHz	X	1.28	60.00	12.09	1.00	22.0	±1.3%	±9.6%
		Y	1.40	60.00	12.06]	22.0		
10388	QPSK Waveform, 10 MHz	X	1.30	60.00	11.70	0.00	22.0	±0.9%	±9.6%
		Y	1.53	60.00	11.63	1	22.0		
10396	64-QAM Waveform, 100 kHz	Х	3.22	64.80	15.66	3.01	17.0	±1.4%	±9.6%
		Y	2.22	60.00	13.78]	17.0		
10399	64-QAM Waveform, 40 MHz	Х	2.12	60.00	12.25	0.00	19.0	±1.0%	±9.6%
		Y	2.30	60.00	12.26	1	19.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.33	60.00	12.70	0.00	12.0	±0.9%	±9.6%
		Y	3.48	60.00	12.72	1	12.0	1	

Note: For details on UID parameters see Appendix

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: EUmmWV4 - SN:9438

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (<i>k</i> = 2) dB
0.9	50.0	-0.05	0.12	±0.2
0.9	100.0	-0.03	0.07	±0.2
0.9	500.0	0.01	0.01	±0.2
0.9	1000.0	0.05	0.03	±0.2
0.9	1500.0	0.02	0.03	±0.2
0.9	2100.0	-0.00	0.03	±0.2

Sensor Frequency Model Parameters (750 MHz – 55 GHz)

	Sensor X	Sensor Y
R (Ω)	72.13	65.71
R _p (Ω)	103.68	90.29
L (nH)	0.09666	0.08662
C (pF)	0.1994	0.2915
Cp (pF)	0.0583	0.0728

Sensor Frequency Model Parameters (55 GHz – 110 GHz)

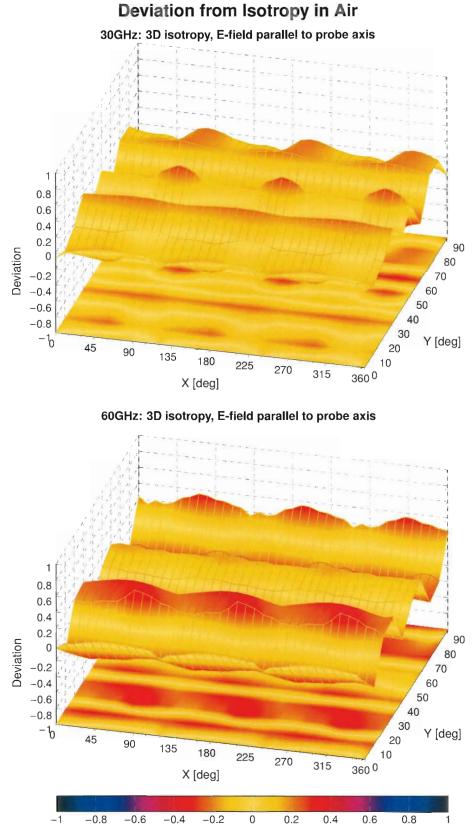
	Sensor X	Sensor Y
R (Ω)	40.23	37.27
R _p (Ω)	196.16	166.83
L (nH)	0.11097	0.09300
C (pF)	0.0398	0.0509
Cp (pF)	0.0484	0.0560

Sensor Model Parameters

	C1 fF	C2 fF	$\frac{\alpha}{V^{-1}}$	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
х	64.4	467.53	33.68	2.66	8.66	4.97	0.00	1.80	1.01
у	58.2	416.20	32.91	0.92	8.21	5.03	2.00	2.00	1.01

Other Probe Parameters

Sensor Arrangement	Rectangular
Connector Angle	-136.1°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm



Probe isotropy for E_{tot}: probe rotated $\phi = 0^{\circ}$ to 360°, tilted from field propagation direction \vec{k} Parallel to the field propagation ($\psi = 0^{\circ} - 90^{\circ}$) at 30 GHz: deviation within ±0.33 dB Parallel to the field propagation ($\psi = 0^{\circ} - 90^{\circ}$) at 60 GHz: deviation within ±0.38 dB

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
0		CW	CW	0.00	±4.7
10010	CAA	SAR Validation (Square, 100 ms, 10 ms)	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	<u>+</u> 9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDIM, 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	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
	CAC DAC	UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10098	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	3.98	±9.6 ±9.6
101099	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	9.55	
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QFSK)	LTE-FDD	6.42	±9.6 ±9.6
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.60	±9.6
10102	DAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 04-QAW)	LTE-TDD	9.29	±9.6
10103	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 10-QAM)	LTE-TDD	10.01	±9.6
10105	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.80	±9.6
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 10-QAM)	LTE-FDD	5.75	±9.6
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 0F3K)	LTE-FDD	6.44	±9.6
				0.44	1.0

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
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	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAG	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	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAC	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	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAE	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	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	AAE	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	CAG	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10220		IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10221	CAC			0.27	
10221 10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10221				_	

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	<u>+</u> 9.6
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	ĊAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAB	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	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAG	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	<u>±9</u> .6
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAF	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	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAD	PHS (QPSK)	PHS	11.81	±9.6
10278	CAD	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAG	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	CAC	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.6
10302	CAB	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	±9.6
10303	CAB	IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6
10304	CAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6
10305	CAA	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC)	WIMAX	15.24	±9.6
10306	CAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC)	WiMAX	14.67	±9.6

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10307	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC)	WiMAX	14.49	±9.6
10308	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM,AMC 2x3)	WiMAX	14.58	±9.6
10310	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3	WiMAX	14.57	±9.6
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAD	IDEN 1:3	iDEN	10.51	±9.6
10314	AAD	IDEN 1:6	iDEN	13.48	±9.6
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	±9.6
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200 Hz, 10%)	Generic	10.00	<u>±9.6</u>
10353	AAA	Pulse Waveform (200 Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200 Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200 Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200 Hz, 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	AAD	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc dc)	WLAN	8.37	±9.6
10401	AAA	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc dc)	WLAN	8.60	±9.6
10402	AAA	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc dc)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	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	AAA	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	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	<u>±9.6</u>
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAB	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	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAC	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAA	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	AAC	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc dc)	WLAN	8.63	±9.6
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10462 10463	AAC AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	±9.6
		LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	±9.6
10464	AAD	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, 3MHz, 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	AAA	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, 5MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	±9.6
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD LTE-TDD	7.82	±9.6 ±9.6
10471	AAC				

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	±9.6
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	±9.6
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	±9.6
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	±9.6
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Sub)	LTE-TDD	7.59	±9.6
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	±9.6
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	±9.6
10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	±9.6
10489	AAC	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	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	±9.6
10493	AAF	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	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	±9.6
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	±9.6
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	±9.6
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	±9.6
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	±9.6
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	±9.6
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	±9.6
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6
10507	AAC	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	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 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	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	±9.6
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	±9.6
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	±9.6
10519	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±9.6
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc) IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	8.12	±9.6
10521	AAB		WLAN	7.97	±9.6
10522	AAB	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) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.08	±9.6
10524	AAC		WLAN	8.27	±9.6
10525 10526	AAC AAF	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc dc) IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc dc)	WLAN WLAN	8.36	±9.6
10526	AAF	IEEE 802.11ac WiFI (20 MHz, MCS1, 99pc dc)	WLAN	8.42	±9.6
10527	AAF		WLAN		
10528	AAF	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc dc) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc dc)	WLAN	8.36	±9.6 ±9.6
					±9.6
10531	AAF	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc dc)	WLAN WLAN	8.43	
10532	AAF	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc dc)			±9.6
10533 10534	AAE	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6
10534	AAE	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc dc)	WLAN	8.45	±9.6
	AAE	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6 ±9.6
10535	A A -				, <u>+</u> uk
10535 10536	AAF	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc dc)	WLAN	8.32	
10535	AAF AAF AAF	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc dc) IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc dc) IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc dc)	WLAN WLAN WLAN	8.32 8.44 8.54	±9.6

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10541	AAA	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc dc)	WLAN	8.46	±9.6
10542	AAA	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc dc)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc dc)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc dc)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc dc)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc dc)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc dc)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc dc)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc dc)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11 ac WiFi (80 MHz, MCS8, 99pc dc)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc dc)	WLAN	8.45	±9.6
10554	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc dc)	WLAN	8.48	±9.6
10555	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc dc)	WLAN	8.47	±9.6
10556	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc dc)	WLAN	8.50	±9.6
10557	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc dc)	WLAN	8.52	±9.6
10558	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc dc)	WLAN	8.61	±9.6
10560	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc dc)	WLAN	8.73	±9.6
10561	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc dc)	WLAN	8.56	±9.6
10562	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc dc)	WLAN	8.69	±9.6
10563	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc dc)	WLAN	8.77	±9.6
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	±9.6
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	±9.6
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	±9.6
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	±9.6
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	±9.6
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	±9.6
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	±9.6
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	±9.6
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	±9.6
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	±9.6
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	±9.6
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.6
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	<u>±9.6</u>
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.6
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6
10591	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc dc)	WLAN	8.63	±9.6
10592	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
10593	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc dc)	WLAN	8.64	<u>±9.6</u>
10594	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
10595	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc dc)	WLAN	8.74	±9.6
10596	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc dc)	WLAN	8.71	±9.6
10597	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc dc)	WLAN	8.72	±9.6
10598	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc dc)	WLAN	8.50	±9.6
10599	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc dc)	WLAN	8.79	±9.6
10600	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
10601	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc dc)	WLAN	8.82	±9.6
10602	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc dc)	WLAN	8.94	±9.6
10603	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc dc)	WLAN	9.03	±9.6
10604	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc dc)	WLAN	8.76	±9.6
10605	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6
10606 10607	AAC AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc dc)	WLAN WLAN	8.82	±9.6
		IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc dc)		8.64	±9.6
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc dc)	WLAN	8.77	±9.6

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10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc dc)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc dc)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc dc)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc dc)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc dc)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc dc)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc dc)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc dc)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc dc)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc dc)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc dc)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc dc)	WLAN		
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6
10635	AAC			8.81	±9.6
	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
10637	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
10638		IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6
10639	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
10640	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc dc)	WLAN	8.98	±9.6
10641	AAC	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc dc)	WLAN	9.06	±9.6
10642	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc dc)	WLAN	9.06	±9.6
10643	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6
10644	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc dc)	WLAN	9.05	±9.6
10645	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc dc)	WLAN	9.11	<u>±9.6</u>
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	<u>±9.6</u>
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	±9.6
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAC	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAC	Pulse Waveform (200 Hz, 10%)	Test	10.00	±9.6
10659	AAC	Pulse Waveform (200 Hz, 20%)	Test	6.99	±9.6
10660	AAC	Pulse Waveform (200 Hz, 40%)	Test	3.98	±9.6
10661	AAC	Pulse Waveform (200 Hz, 60%)	Test	2.22	±9.6
10662	AAC	Pulse Waveform (200 Hz, 80%)	Test	0.97	±9.6
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	<u>±9.6</u>
10671	AAD	IEEE 802.11ax (20 MHz, MCS0, 90pc dc)	WLAN	9.09	±9.6
10672	AAD	IEEE 802.11ax (20 MHz, MCS1, 90pc dc)	WLAN	8.57	±9.6
10673	AAD	IEEE 802.11ax (20 MHz, MCS2, 90pc dc)	WLAN	8.78	±9.6
10674	AAD	IEEE 802.11ax (20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
10675	AAD	IEEE 802.11ax (20 MHz, MCS4, 90pc dc)	WLAN	8.90	±9.6
10676	AAD	IEEE 802.11ax (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10677	AAD	IEEE 802.11ax (20 MHz, MCS6, 90pc dc)	WLAN	8.73	±9.6
10678	AAD	IEEE 802.11ax (20 MHz, MCS7, 90pc dc)	WLAN	8.78	±9.6
10679	AAD	IEEE 802.11ax (20 MHz, MCS8, 90pc dc)	WLAN	8.89	±9.6
10680	AAD	IEEE 802.11ax (20 MHz, MCS9, 90pc dc)	WLAN	8.80	±9.6
10681	AAG	IEEE 802.11ax (20 MHz, MCS10, 90pc dc)	WLAN	8.62	±9.6
10682	AAF	IEEE 802.11ax (20 MHz, MCS11, 90pc dc)	WLAN	8.83	±9.6
10683	AAA	IEEE 802.11ax (20 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc dc)	WLÂN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc dc)	WLAN	8.28	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10687	AAE	IEEE 802.11ax (20 MHz, MCS4, 99pc dc)	WLAN	8.45	±9.6
10688	AAE	IEEE 802.11ax (20 MHz, MCS5, 99pc dc)	WLAN	8.29	±9.6
10689	AAD	IEEE 802.11ax (20 MHz, MCS6, 99pc dc)	WLAN	8.55	±9.6
10690	AAE	IEEE 802.11ax (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6
10691	AAB	IEEE 802.11ax (20 MHz, MCS8, 99pc dc)	WLAN	8.25	±9.6
10692	AAA	IEEE 802.11ax (20 MHz, MCS9, 99pc dc)	WLAN	8.29	±9.6
10693	AAA	IEEE 802.11ax (20 MHz, MCS10, 99pc dc)	WLAN	8.25	±9.6
10694	AAA	IEEE 802.11ax (20 MHz, MCS11, 99pc dc)	WLAN	8.57	±9.6
10695	AAA	IEEE 802.11ax (40 MHz, MCS0, 90pc dc)	WLAN	8.78	±9.6
10696	AAA	IEEE 802.11ax (40 MHz, MCS1, 90pc dc)	WLAN	8.91	±9.6
10697	AAA	IEEE 802.11ax (40 MHz, MCS2, 90pc dc)	WLAN	8.61	±9.6
10698	AAA	IEEE 802.11ax (40 MHz, MCS3, 90pc dc)	WLAN	8.89	±9.6
10699	AAA	IEEE 802.11ax (40 MHz, MCS4, 90pc dc)	WLAN	8.82	±9.6
10700	AAA	IEEE 802.11ax (40 MHz, MCS5, 90pc dc)	WLAN	8.73	±9.6
10701	AAA	IEEE 802.11ax (40 MHz, MCS6, 90pc dc)	WLAN	8.86	±9.6
10702	AAA	IEEE 802.11ax (40 MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6
10703	AAA	IEEE 802.11ax (40 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10704	AAA	IEEE 802.11ax (40 MHz, MCS9, 90pc dc)	WLAN	8.56	±9.6
10705	AAA	IEEE 802.11ax (40 MHz, MCS10, 90pc dc)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc dc)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc dc)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc dc)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc dc)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc dc)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc dc)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc dc)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc dc)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc dc)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc dc)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc dc)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc dc)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc dc)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc dc)	WLAN	8.76	<u>+9.6</u>
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc dc)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc dc)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc dc)	WLAN	8.72	<u>+9</u> .6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc dc)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc dc)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc dc)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc dc)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc dc)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc dc)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc dc)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc dc)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc dc)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc dc)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc dc)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc dc)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc dc)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc dc)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc dc)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc dc)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc dc)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc dc)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc dc)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc dc)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc dc)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc dc)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc dc)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc dc)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc dc)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc dc)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc dc)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc dc)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc dc)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc dc)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc dc) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)		8.51	±9.6
10767	AAC		5G NR FR1 TDD	7.99	±9.6
10768	AAC AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6 ±9.6
10769 10770	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.01	
10770	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02 8.02	±9.6 ±9.6
10772	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.23	±9.0 ±9.6
10772	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.03	±9.6
10773	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAC	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAC	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, 15MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAC	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	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	<u>+</u> 9.6
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798 10799	AAC AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.93	±9.6
10801	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 KHz)	5G NR FRI TDD	7.89	±9.6 ±9.6
10802	AAE	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	AAD	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	AAC	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	AAC	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 10828	AAD AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.42	<u>±9.6</u>

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	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
	AAD 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 (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.40 8.41	±9.6 ±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10865	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 AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 KHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.67	±9.6
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6 ±9.6
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
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10917 AAD SG NR (DFF-CPGN, SOR B, 25MRL, CPEX, 30 Hz) GG NR PFT TOD 54.00 10.65 10912 AAD SG NR (DFF-CPGN, SOR B, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 54.0 19.65 10914 AAD SG NR (DFF-CPGN, SOR B, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.0 19.65 10914 AAD SG NR (DFF-CPGN, SOR B, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.0 19.65 10917 AAD SG NR (DFF-CPGN, SOR B, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.0 9.66 10917 AAD SG NR (DFF-CPGN, 1007K, BB, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.0 9.6 10917 AAD SG NR (DFF-CPGN, 1007K, BB, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.0 9.6 10918 AAD SG NR (DFF-CPGN, 1007K, BB, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.4 9.6 10922 AAD SG NR (DFF-CPGN, 1007K, BB, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.4 9.6 10924 AAD SG NR (DFF-CPGN, 1007K, BB, 20MRL, CPEX, 30 Hz) GG NR PFT TOD 56.4 9.6 10924	UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
19912 ADD 5G NR DFE-SOFDM. 56W RB. 30 MHz, QPSK. 30 Hz) SG NN FPH TDD 5.44 9.66 1993 ADD 5G NR IDFE-SOFDM. 56W RB. 30 MHz, QPSK. 30 Hz) SG NN FPH TDD 5.85 1.96 19915 ADD 5G NR IDFE-SOFDM. 56W RB. 30 MHz, QPSK. 30 Hz) SG NN FPH TDD 5.87 1.96 19917 ADD 5G NR IDFE-SOFDM. 56W RB. 30 MHz, QPSK. 30 Hz) SG NN FPH TDD 5.88 1.96 19917 ADD 5G NR IDFE-SOFDM. 50W RB. 50 MLz, QPSK. 30 Hz) SG NR FPH TDD 5.88 +9.6 19919 ADD SG NR IDFE-SOFDM. 100W RB. 30 MLZ, QPSK. 30 Hz) SG NR FPH TDD 5.88 +9.6 19921 ADD SG NR IDFE-SOFDM. 100W RB. 20 MLZ, QPSK. 30 Hz) SG NR FPH TDD 5.84 +9.6 19922 ADD SG NR IDFE-SOFDM. 100W RB. 20 MLZ, QPSK. 30 Hz) SG NR FPH TDD 5.84 +9.6 19923 ADD SG NR IDFE-SOFDM. 100W RB. 20 MLZ, QPSK. 30 Hz) SG NR FPH TDD 5.84 +9.6 19924 ADD SG NR IDFE-SOFDM. 100W RB. 20 MLZ, QPSK. 30 Hz) SG NR FPH TDD 5.84 +9.6 1.96 <						
1991 ADD SG NR (DFF-SOFDM, 595, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 50%, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 50MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF-SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF SOFDM, 100%, RB, 20MHz, QPSK, 30 Hz) SG NR (DFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (DFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (DFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (DFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (PFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (PFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (PFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (PFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (PFF SOFDM, 100%, RB, 20MHz, QPSK, 15 Hz) SG NR (PFF SOFDM, 100%, RB, 20MHz, QPSK						
19915 ADD 5G NR (DFE-SCPEM). 50: RB, 30:MHz, QPSK, 30:Hz) 5G NR (PFE-SCPEM). 50: RB, 50:MHz, QPSK, 30:Hz) 5G NR (PFE-SCPEM). 50: RB, 50:MHz, QPSK, 30:Hz) 5G NR (PFE-SCPEM). 50: RB, 30:MHz, QPSK, 50:Hz) 5G NR (PFE-SCPEM). 50: RB, 30						
19915 ADD 5G NR (DFT-SOFDM, 50%, RB, 300.HEz, 095K, 301.Hz) 5G NR FRT TDD 5.87 9.96 19916 ADD 5G NR (DFT-SOFDM, 50%, RB, 300.HEZ, 095K, 301.Hz) 5G NR FRT TDD 5.94 9.66 19917 ADD 5G NR (DFT-SOFDM, 100%, RB, 100.MEZ, 095K, 301.Hz) 5G NR FRT TDD 5.86 9.96 19918 ADD 5G NR (DFT-SOFDM, 100%, RB, 15M-HZ, 0P5K, 301.Hz) 5G NR FRT TDD 5.86 9.98 19928 ADD 5G NR (DFT-SOFDM, 100%, RB, 201.Hz, 0P5K, 301.Hz) 5G NR FRT TDD 5.84 9.86 19928 ADD 5G NR (DFT-SOFDM, 100%, RB, 201.Hz, 0P5K, 301.Hz) 5G NR FRT TDD 5.84 9.86 19928 ADD 5G NR (DFT-SOFDM, 100%, RB, 301.Hz, 0P5K, 301.Hz) 5G NR FRT TDD 5.84 9.86 19928 ADD 5G NR (DFT-SOFDM, 100%, RB, 301.Hz, 0P5K, 151.Hz) 5G NR FRT TDD 5.84 9.86 19928 ADD 5G NR (DFT-SOFDM, 100%, RB, 301.Hz, 0P5K, 151.Hz) 5G NR FRT TDD 5.84 9.86 19928 ADD 5G NR (DFT-SOFDM, 1188, 501.Hz, 0P5K, 151.Hz) 5G NR FRT TDD 5.81 9.86						
19917 ADD 5G NR (DFE-CPUM, 59/K, RE, 00.MHz, QPSK, 30.HHz) 5G NR (PFE-CPUM, 100%, RE, 5MHz, QPSK, 30.HHz) 5G NR (PFE-CPUM, 100%, RE, 5MHz, QPSK, 30.HHz) 5G NR (PFE-CPUM, 100%, RE, 10.HHz, QPSK, 30.HHz) 5G NR (PFE-CPUM, 100%, RE, 20.HHz, QPSK, 15.HHz) 5G NR (PFE-CPUM, 10.HZ, QPSK, 15.HHz) 5G NR (PFE-CPU						
19917 ADD 5G NR (DFT-S-OFDM, 50%, RB, 100/Hz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 100/Hz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 100/Hz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 100/Hz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 20 Mz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 20 Mz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 20 Mz, OPSK, 30 Hz) 5G NR (PTT-TDD 5.82 4.98 10822 AAD 5G NR (DFT-SOFDM, 100%, RB, 20 Mz, OPSK, 30 Hz) 5G NR (PTT-TDD 5.84 +9.8 10822 AAD 5G NR (DFT-SOFDM, 100%, RB, 30 Mz, OPSK, 30 Hz) 5G NR (PTT-TDD 5.84 +9.8 10824 AAD 5G NR (DFT-SOFDM, 100%, RB, 30 Mz, OPSK, 30 Hz) 5G NR (PTT-TDD 5.84 +9.8 10825 AAD 5G NR (DFT-SOFDM, 100%, RB, 30 Mz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 30 Mz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 30 Mz, OPSK, 30 Hz) 5G NR (PTT-SOFDM, 100%, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 100%, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 100%, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 11, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 11, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 11, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 11, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 11, RB, 30 Mz, OPSK, 15 Hz) 5G NR (PTT-SOFDM, 50%, RB, 30 Mz, OPSK, 15 Hz)						
1998 AD 5G NR (DFF-CPDM, 100%, RB, 5MHz, OPSK, 30 Hz) 5G NR (PRT TDD 588 956 1999 AD 5G NR (DFF-CPDM, 100%, RB, 15MHz, OPSK, 30 Hz) 5G NR (PRT TDD 5.84 958 19821 AD 5G NR (DFF-CPDM, 100%, RB, 25MHz, OPSK, 30 Hz) 5G NR (PRT TDD 5.84 958 19821 AD 5G NR (DFF-CPDM, 100%, RB, 25MHz, OPSK, 30 Hz) 5G NR (PRT TDD 5.84 958 19822 AD 5G NR (DFF-CPDM, 100%, RB, 20MHz, OPSK, 30 Hz) 5G NR (PRT TDD 5.84 956 19824 AD 5G NR (DFF-CPDM, 100%, RB, 30 MHz, OPSK, 30 Hz) 5G NR (PRT TDD 5.84 956 19826 AD 5G NR (DFF-CPDM, 100%, RB, 30 MHz, OPSK, 30 Hz) 5G NR (PRT TDD 5.84 956 19828 AD 5G NR (DFF-CPDM, 100%, RB, 30 MHz, OPSK, 15 Hz) 5G NR (PRT FDD 5.52 956 19830 AD 5G NR (DFF-CPDM, 1RB, 5MHz, OPSK, 15 Hz) 5G NR (PRT FDD 5.51 956 19832 AAD 5G NR (DFF-CPDM, 1RB, 5MHz, OPSK, 15 Hz) 5G NR (PRT FDD 5.51 956 19832 AA						
109192 AAD SG NR IDFT=-OFDM. 100%: RB, 10MHz, OPSK, 30 Hz) SG NR FFH TDD 5 87 49 6 10920 AAD SG NR IDFT=-OFDM. 100%: RB, 20MHz, OPSK, 30 Hz) SG NR FFH TDD 5 84 49 6 10921 AAD SG NR IDFT=-OFDM. 100%: RB, 20MHz, OPSK, 30 Hz) SG NR FFH TDD 5 84 49 6 10923 AAD SG NR IDFT=-OFDM. 100%: RB, 20MHz, OPSK, 30 Hz) SG NR FFH TDD 5 44 49.6 10924 AAD SG NR IDFT=-OFDM. 100%: RB, 50MHz, OPSK, 30 Hz) SG NR FFH TDD 5 44 49.6 10925 AAD SG NR IDFT=-OFDM. 100%: RB, 50MHz, OPSK, 30 Hz) SG NR FFH TDD 5 44 49.6 10926 AAD SG NR IDFT=-OFDM. 1188, 10MHz, OPSK, 15 Hz) SG NR FFH TDD 5 52 19.6 10928 AAD SG NR IDFT=-OFDM. 1188, 10MHz, OPSK, 15 Hz) SG NR FFH TDD 5 52 19.6 10938 AAD SG NR IDFT=-OFDM. 1188, 20MHz, OPSK, 15 Hz) SG NR FFH TDD 5 51 19.6 10932 AAD SG NR IDFT=-OFDM. 1188, 20MHz, OPSK, 15 Hz) SG NR FFH TDD 5 51 19.6 10933 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
1982 AAD SG NR IDFT=-OFDM. 100%: RB, 15MHz, OPSK, 30 HzJ SG NR FPH TDD 5 64						
ID921 ADD SG NR IPET-SOFDM. 100%, RB, 20 MHz, DPSK, 30 HHz) SG NR IPET TDD 5.62 +9.6 10922 ADD SG NR IQFT-SOFDM. 100%, RB, 30 MHz, DPSK, 30 HHz) SG NR IPET TDD 5.64 +9.6 10924 ADD SG NR IQFT-SOFDM. 100%, RB, 30 MHz, DPSK, 30 HHz) SG NR IPT TDD 5.64 +9.6 10925 AAD SG NR IDFT-SOFDM. 100%, RB, 30 MHz, DPSK, 30 HHz) SG NR IPT TDD 5.94 +9.6 10926 AAD SG NR IDFT-SOFDM. 100%, RB, 60 MHz, OPSK, 15 MHz) SG NR IPT TDD 5.94 +9.6 10927 AAD SG NR IDFT-SOFDM. 118, 15 MHz, OPSK, 15 MHz) SG NR IPT TDD 5.52 +9.6 10928 AAD SG NR IDFT-SOFDM. 118, 15 MHz, OPSK, 15 HHz) SG NR IPT TDD 5.52 +9.6 10931 AAD SG NR IDFT-SOFDM. 118, 20 MHz, OPSK, 15 HHz) SG NR IPT TDD 5.51 +9.6 10933 AAA SG NR IDFT-SOFDM. 118, 20 MHz, OPSK, 15 HHz) SG NR IPT IPD 5.51 +9.6 10934 AAA SG NR IDFT-SOFDM. 118, 20 MHz, OPSK, 15 HHz) SG NR IPT IPD 5.51 +9.6 19.96						
19922 AD 5G NR IDFL-OFDM. 100%, RB, 25MHz, OPSK, 30 Hz) 5G NR FPH TDD 5 64 498 19924 AD 5G NR IDFL-SOFDM. 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR FPH TDD 5 64 498 19924 AD 5G NR IDFL-SOFDM. 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR FPH TDD 5 64 498 19926 AD 5G NR IDFL-SOFDM. 100%, RB, 30MHz, OPSK, 15 Mtz) 5G NR FPH TDD 5 544 496 19927 AD 5G NR IDFL-SOFDM. 100%, RB, 30MHz, OPSK, 15 Mtz) 5G NR FPH TDD 5 52 1986 19928 AD 5G NR IDFL-SOFDM. 118, 114%, OPSK, 15 Htz) 5G NR FPH TDD 5 52 1986 19930 AD 5G NR IDFL-SOFDM. 118, 214%L, OPSK, 15 Htz) 5G NR FPH TDD 5 51 1986 19932 AAD 5G NR IDFL-SOFDM. 118, 214%L, OPSK, 15 Htz) 5G NR FPH TDD 5 51 1986 19933 AAA 5G NR IDFL-SOFDM. 118, 214%L, OPSK, 15 Htz) 5G NR FPH TDD 5 51 1986 19934 AAA 5G NR IDFL-SOFDM. 118, 214%L, OPSK, 15 Htz) 5G NR FPH TDD 5 51 1986 1986 1983 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
19824 AAD 5G NR (PFT=GPEM, 100% RB, 30HHz, QPSK, 30 Hz) 5G NR PFR TDD 5.84 +9.6 19924 AAD 5G NR (PFT=GPEM, 100% RB, 30HHz, QPSK, 30 Hz) 5G NR PFR TDD 5.84 +9.6 19925 AAD 5G NR (PFT=GPEM, 100% RB, 50 HHz, QPSK, 30 Hz) 5G NR PFR TDD 5.84 +9.6 19927 AAD 5G NR (PFT=GPEM, 100% RB, 50 HHz, QPSK, 30 Hz) 5G NR PFR TDD 5.84 +9.6 19927 AAD 5G NR (DFT=GPEM, 110% RB, 50 HHz, QPSK, 15 Hz) 5G NR PFR TDD 5.82 +9.6 19929 AAD 5G NR (DFT=GPEM, 118, 15 Hz) 5G NR PFR TDD 5.52 +9.6 19931 AAD 5G NR (DFT=GPEM, 118, 15 MHz, QPSK, 15 Hz) 5G NR PFR TDD 5.51 +9.6 19932 AAB 5G NR (DFT=GPEM, 118, 20 MHz, QPSK, 15 Hz) 5G NR PFR TDD 5.51 +9.6 19933 AAA 5G NR (DFT=GPEM, 118, 20 MHz, QPSK, 15 Hz) 5G NR PFR TDD 5.51 +9.6 19934 AAD 5G NR (DFT=GPEM, 50% RB, 5MHz, QPSK, 15 Hz) 5G NR PFR TDD 5.51 +9.6 19935 AAD						
19925 AAD 6G NR (PFT=GCPDM, 100% RB, 60MHz, OPSK, 30 Hz) 5G NR PR1 TDD 5.84						
19925 AAD 5G NR [PF1-CPEM, 100%; RB, 50MHz, OPSK, 30 Hz] 5G NR PF1 TDD 5.65 +9.6 19926 AAD 5G NR [PF1-CPEM, 100%; RB, 60MHz, OPSK, 30 Hz] 5G NR PF1 TDD 5.94 +9.6 19927 AAD 5G NR [DF1-CPEM, 100%; RB, 80MHz, OPSK, 30 Hz] 5G NR FR1 TDD 5.94 +9.6 19928 AAD 5G NR [DF1-CPEM, 118, 15MHz, OPSK, 15 Hz12 5G NR FR1 FDD 5.52 +9.6 19931 AAD 5G NR [DF1-CPEM, 118, 15MHz, OPSK, 15 Hz12 5G NR FR1 FDD 5.51 +9.6 19933 AAA 5G NR [DF1-CPEM, 118, 20MHz, OPSK, 15 Hz12 5G NR FR1 FDD 5.51 +9.6 19933 AAA 5G NR [DF1-CPEM, 118, 20MHz, OPSK, 15 Hz12 5G NR FR1 FDD 5.51 +9.6 19933 AAA 5G NR [DF1-CPEM, 118, 40MHz, OPSK, 15 Hz12 5G NR FR1 FDD 5.51 +9.6 19938 AAA 5G NR [DF1-CPEM, 150K, 30WHZ, OPSK, 15 Hz12 5G NR FR1 FDD 5.51 +9.6 19938 AAB 5G NR [DF1-CPEM, 50% RB, 20MHz, OPSK, 15 Hz12 5G NR FR1 FDD 5.82 +9.6 19949 AAB<						
19925 AAD 5G NR (DFT-S-CFDM, 100%, RB, 80 MHz, OPSK, 30 Hz) 5G NR FR1 TDD 5.44 +9.6 19927 AAD 5G NR (DFT-S-CFDM, 100%, RB, 80 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.52 +9.6 19928 AAD 5G NR (DFT-S-CFDM, 18B, 15MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.52 +9.6 19930 AAD 5G NR (DFT-S-CFDM, 18B, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.52 +9.6 19931 AAD 5G NR (DFT-S-CFDM, 18B, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.51 +9.6 19932 AAA 5G NR (DFT-S-CFDM, 18B, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.51 +9.6 19933 AAA 5G NR (DFT-S-CFDM, 18B, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.51 +9.6 19933 AAA 5G NR (DFT-S-CFDM, 18B, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.51 +9.6 19938 AAB 5G NR (DFT-S-CFDM, 50% RB, 20MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.80 +9.6 19939 AAB 5G NR (DFT-S-CFDM, 50% RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.82 +9.6 19944						
10927 AAD 5G NR (PFT-SOFDM, 100%, RB, 80MHz, OPSK, 30 HHz) 5G NR PFH TDD 5.54 .49.6 10928 AAD SG NR (DFT-SOFDM, 1RB, 10MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.52 .49.6 10930 AAD SG NR (DFT-SOFDM, 1RB, 10MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.52 .49.6 10931 AAD SG NR (DFT-SOFDM, 1RB, 20MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.51 .49.6 10932 AAB SG NR (DFT-SOFDM, 1RB, 20MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.51 .49.6 10933 AAA SG NR (DFT-SOFDM, 1RB, 30MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.51 .49.6 10935 AAA SG NR (DFT-SOFDM, 1RB, 30MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.51 .49.6 10935 AAC SG NR (DFT-SOFDM, 50%, RB, 50Mtz, OPSK, 15 HHz) SG NR FR1 FDD 5.80 .49.6 10938 AAB SG NR (DFT-SOFDM, 50%, RB, 20MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.82 .49.6 10940 AAB SG NR (DFT-SOFDM, 50%, RB, 20MHz, OPSK, 15 HHz) SG NR FR1 FDD 5.82 .49.6 10944<						
10922 AAD 6G NR (DFT=-0FDM, 1 RB, 5MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.52 +9.6 10930 AAD 5G NR (DFT=-0FDM, 1 RB, 15 MHz, OPSK, 15 Hz) 5G NR R1 FDD 5.52 +9.6 10930 AAD 5G NR (DFT=-0FDM, 1 RB, 20 MHz, OPSK, 15 Hz) 5G NR R1 FDD 5.51 +9.6 10931 AAD 5G NR (DFT=-0FDM, 1 RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.51 +9.6 10933 AAA 5G NR (DFT=-0FDM, 1 RB, 30 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.51 +9.6 10934 AAA 5G NR (DFT=-0FDM, 1 RB, 50 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.51 +9.6 10938 AAA 5G NR (DFT=-0FDM, 50% RB, 10 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.90 +9.6 10938 AAB 5G NR (DFT=-0FDM, 50% RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.82 +9.6 10944 AAB 5G NR (DFT=-0FDM, 50% RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.82 +9.6 10944 AAB 5G NR (DFT=-0FDM, 50% RB, 20 MHz, OPSK, 15 Hz) 5G NR FR1 FDD 5.82 +9.6 10944						
10929 AAD 6G NR (DFT=-0CFDM, 1 RB, 10MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.52 19.6 10930 AAD 5G NR (DFT=-0CFDM, 1 RB, 20MHz, OPSK, 15 KHz) 5G NR RF1 FDD 5.51 19.6 10931 AAD 5G NR (DFT=-0CFDM, 1 RB, 20MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.51 19.6 10932 AAB 5G NR (DFT=-0CFDM, 1 RB, 20MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.51 19.6 10933 AAA 5G NR (DFT=-0CFDM, 1 RB, 40MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.51 19.6 10933 AAA 5G NR (DFT=-0CFDM, 50% RB, 5MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.51 19.6 10933 AAA 5G NR (DFT=-0CFDM, 50% RB, 5MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.80 19.6 10934 AAB 5G NR (DFT=-0CFDM, 50% RB, 20MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.82 19.6 10940 AAB 5G NR (DFT=-0CFDM, 50% RB, 20MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.82 19.6 10941 AAB 5G NR (DFT=-0CFDM, 50% RB, 20MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.83 19.6 10944						
10930 AAD 6G NR (DFT=-0CPDM, 1 RB, 15 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.52 1.96 10931 AAD 5G NR (DFT=-0CPDM, 1 RB, 25 MHz, OPSK, 15 HHz) 5G NR RF1 FDD 5.51 1.96 10932 AAA 5G NR (DFT=-0CPDM, 1 RB, 25 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.51 1.96 10934 AAA 5G NR (DFT=-0CPDM, 1 RB, 50 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.51 1.96 10934 AAA 5G NR (DFT=-0CPDM, 1 RB, 50 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.90 1.96 10936 AAA 5G NR (DFT=-0CPDM, 50% RB, 10 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.90 1.96 10937 AAB 5G NR (DFT=-0CPDM, 50% RB, 20 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.82 1.96 10939 AAB 5G NR (DFT=-0CPDM, 50% RB, 20 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.82 1.96 10941 AAB 5G NR (DFT=-0CPDM, 50% RB, 20 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.82 1.96 10942 AAB 5G NR (DFT=-0CPDM, 50% RB, 20 MHz, OPSK, 15 HHz) 5G NR FR1 FDD 5.85 1.96						
10931 AD 6G NR [DFT=0-CFDM, 1 RB, 20 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.51 19.6 10932 AAB 5G NR [DFT=0-CFDM, 1 RB, 30 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.51 19.6 10933 AAA 5G NR [DFT=0-CFDM, 1 RB, 30 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.51 19.6 10935 AAA 5G NR [DFT=0-CFDM, 1 RB, 30 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.91 19.6 10935 AAA 5G NR [DFT=0-CFDM, 50% RB, 5MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.90 19.6 10937 AAB 5G NR [DFT=0-CFDM, 50% RB, 10 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.80 19.6 10938 AAB 5G NR (DFT=0-CFDM, 50% RB, 20 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.82 19.6 10940 AAB 5G NR (DFT=0-CFDM, 50% RB, 20 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.83 19.6 10942 AAB 5G NR (DFT=0-CFDM, 50% RB, 10 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.81 19.6 10942 AAB 5G NR (DFT=0-CFDM, 50% RB, 10 MHz, OPSK, 15 KHz] 5G NR FR1 FDD 5.81 19.6						
10822 AAB 5G NR (DFT=-OFDM, 1 RB, 25MHz, QPSK, 15 Hz) 5G NR PR1 FDD 5.51 ±9.6 10933 AAA 5G NR (DFT=-OFDM, 1 RB, 20MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.51 ±9.6 10934 AAA 5G NR (DFT=-OFDM, 1 RB, 20MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.51 ±9.6 10935 AAA 5G NR (DFT=-OFDM, 50% RB, 5MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.77 ±9.6 10937 AAB 5G NR (DFT=-OFDM, 50% RB, 5MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.82 ±9.6 10938 AAB 5G NR (DFT=-OFDM, 50% RB, 20MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.82 ±9.6 10939 AAB 5G NR (DFT=-OFDM, 50% RB, 20MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.82 ±9.6 10941 AAB 5G NR (DFT=-OFDM, 50% RB, 20MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.85 ±9.6 10942 AAB 5G NR (DFT=-OFDM, 50% RB, 5MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFT=-OFDM, 100% RB, 20MHz, QPSK, 15 Hz) SG NR PR1 FDD 5.85 ±9.6 10944 AAB						
10933 AAA SG NR (DFT-S-OFDM, 1 RB, 30MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.51 ±9.6 10933 AAA SG NR (DFT-S-OFDM, 1 RB, 50MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.51 ±9.6 10935 AAA SG NR (DFT-S-OFDM, 1 RB, 50MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.90 ±9.6 10938 AAA SG NR (DFT-S-OFDM, 50% RB, 15 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.90 ±9.6 10938 AAB SG NR (DFT-S-OFDM, 50% RB, 15 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.90 ±9.6 10938 AAB SG NR (DFT-S-OFDM, 50% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.82 ±9.6 10940 AAB SG NR (DFT-S-OFDM, 50% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.88 ±9.6 10941 AAB SG NR (DFT-S-OFDM, 50% RB, 20 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.88 ±9.6 10944 AAB SG NR (DFT-S-OFDM, 50% RB, 50 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.84 ±9.6 10944 AAB SG NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 15 Htz) SG NR FR1 FDD 5.83 ±9.6 10944 AAB SG NR (DFT-S-OFDM, 100% RB, 20 MHz, QPSK, 15 Htz) <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
10334 AA SG NR (DFT-S-OFDM, 1 RB, 40 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.51 ±9.6 10335 AAA SG NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.51 ±9.6 10337 AAB SG NR (DFT-S-OFDM, 50% RB, 10 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.77 ±9.6 10338 AAB SG NR (DFT-S-OFDM, 50% RB, 15 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.82 ±9.6 10339 AAB SG NR (DFT-S-OFDM, 50% RB, 20 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.82 ±9.6 10344 AAB SG NR (DFT-S-OFDM, 50% RB, 20 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.83 ±9.6 10442 AAB SG NR (DFT-S-OFDM, 50% RB, 20 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.85 ±9.6 10443 AAB SG NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.81 ±9.6 10444 AAB SG NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.81 ±9.6 10444 AAB SG NR (DFT-S-OFDM, 100% RB, 20 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.81 ±9.6 10444 AAB SG NR (DFT-S-OFDM, 100% RB, 20 MHz, QPSK, 15 Hz)						
10335 AAA 5G NR (DFT-s-OFDM, 19B, 50MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.51 ±9.6 10337 AAB 5G NR (DFT-s-OFDM, 50% RB, 10MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.90 ±9.6 10338 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.82 ±9.6 10339 AAB 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.82 ±9.6 10340 AAB 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.83 ±9.6 10941 AAB 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.83 ±9.6 10942 AAB 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.85 ±9.6 10943 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.85 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.87 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, OPSK, 15 Hz) 5G NR FRI FDD 5.87 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, OPSK, 15 Hz) 5G						
10336 AAC SG NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.90 ±9.6 10337 AAB SG NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.90 ±9.6 10338 AAB SG NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.82 ±9.6 10340 AAB SG NR (DFT-s-OFDM, 50% RB, 2 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.82 ±9.6 10341 AAB SG NR (DFT-s-OFDM, 50% RB, 2 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.83 ±9.6 10342 AAB SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.84 ±9.6 10343 AAB SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.84 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.83 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 HHz) SG NR FR1 FDD 5.83 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 Hz) SG NR FR1 FDD 5.83 ±9.6 10344 AAB SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 Hz)						
10337 AAB SG NR (DFT-s-OFDM, 50% RB, 10MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.77 19.6 10338 AAB SG NR (DFT-s-OFDM, 50% RB, 20MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.82 ±9.6 10340 AAB SG NR (DFT-s-OFDM, 50% RB, 20MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.82 ±9.6 10441 AAB SG NR (DFT-s-OFDM, 50% RB, 20MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10442 AAB SG NR (DFT-s-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10442 AAB SG NR (DFT-s-OFDM, 00% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAB SG NR (DFT-s-OFDM, 100% RB, 51MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAB SG NR (DFT-s-OFDM, 100% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAB SG NR (DFT-s-OFDM, 100% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10944 AAB SG NR (DFT-s-OFDM, 100% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 FDD 5.84 ±9.6						
10938 AAB 5G NR (DFTs-OFDM, 50% RB, 15MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.90 ±9.6 10939 AAB 5G NR (DFTs-OFDM, 50% RB, 20MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.82 ±9.6 10940 AAB 5G NR (DFTs-OFDM, 50% RB, 20MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10941 AAB 5G NR (DFTs-OFDM, 50% RB, 30 MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10943 AAB 5G NR (DFTs-OFDM, 50% RB, 30 MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 5G NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAB 5G NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.87 ±9.6 10947 AAB 5G NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15 KHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15 KHz) 5G NR FR1						
10339 AAB 5G NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ±9.6 10941 AAB 5G NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10942 AAB 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAB 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.84 ±9.6 10948 AAB 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR DL (DF-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR						
10940 AAB 5G NR (DFTs-OFDM, 50% RB, 25MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.89 ±9.6 10941 AAB 5G NR (DFTs-OFDM, 50% RB, 30MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (DFTs-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAB 5G NR (DFTs-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAB 5G NR (DFTs-OFDM, 100% RB, 10MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAB 5G NR (DFTs-OFDM, 100% RB, 20Hz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10948 AAB 5G NR (DFTs-OFDM, 100% RB, 20Hz, OPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 20Hz, OPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 20Hz, OPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAB SG NR (DCFTs-OFDM, 100% RB, 20Hz, OPSK, 15 kHz) 5G NR FR1						
10941 AAB 5G NR (PFT-s-OFDM, 50% RB, 30 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAB 5G NR (PFT-s-OFDM, 50% RB, 40 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAB 5G NR (PFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10944 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10947 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, OPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10952 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kH						
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10943 AAB SG NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.95 ±9.6 10944 AAB SG NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.81 ±9.6 10945 AAB SG NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10947 AAB SG NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10948 AAB SG NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10949 AAB SG NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10950 AAB SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10951 AAB SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10952 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.25 ±9.6 10952 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.12 ±9.6 10954 AAB SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10944 AAB 5G NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAB 5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAB 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10950 AAB 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10954 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6						
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10958 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 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, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 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, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 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, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz,	10957	AAC				
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10960AAB5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz)5G NR FR1 TDD9.32±9.610961AAB5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz)5G NR FR1 TDD9.36±9.610962AAB5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15 kHz)5G NR FR1 TDD9.40±9.610963AAB5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15 kHz)5G NR FR1 TDD9.55±9.610964AAB5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.29±9.610965AAB5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.37±9.610966AAB5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.37±9.610967AAB5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.42±9.610968AAB5G NR DL (CP-OFDM, TM 3.1, 100MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.42±9.610972AAB5G NR (CP-OFDM, TM 3.1, 100MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.49±9.610972AAB5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15 kHz)5G NR FR1 TDD11.59±9.610973AAB5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)5G NR FR1 TDD10.28±9.610974AAB5G NR (CP-OFDM, 1 RB, 100MHz, 256-QAM, 30 kHz)5G NR FR1 TDD10.28±9.610978AAAULLABDRULLA2.23±9.610979AAAULLA BDRULLA7.02±9.610980AAA<	10959	AAB				
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, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±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 9.49 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kH	10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)			
10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 AAB 5G NR CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, T 3.1, 100 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 9.49 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)			
10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±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, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±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 <td< td=""><td>10962</td><td>AAB</td><td></td><td></td><td></td><td></td></td<>	10962	AAB				
10964AAB5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.29±9.610965AAB5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.37±9.610966AAB5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.55±9.610967AAB5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.42±9.610968AAB5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.42±9.610968AAB5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.49±9.610972AAB5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)5G NR FR1 TDD9.49±9.610973AAB5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)5G NR FR1 TDD11.59±9.610974AAB5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)5G NR FR1 TDD10.28±9.610978AAAULLA BDRULLA2.23±9.610979AAAULLA BDRULLA7.02±9.610980AAAULLA HDR4ULLA8.82±9.610981AAAULLA HDR4ULLA1.50±9.6	10963	AAB				
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, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 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 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 <tr< td=""><td>10964</td><td>AAB</td><td>5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)</td><td></td><td></td><td></td></tr<>	10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)			
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, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 11.59 ±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 HDR4 ULLA 1.50 ±9.6	10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	
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, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 1 00% 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 HDR4 ULLA 1.50 ±9.6	10966	AAB		5G NR FR1 TDD	9.55	
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 (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 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	10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)			
10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 2.23 ±9.6 10979 AAA ULLA HDR4 ULLA 7.02 ±9.6 10980 AAA ULLA HDR8 ULLA 8.82 ±9.6 10981 AAA ULLA HDR4 ULLA 1.50 ±9.6	10968	AAB		5G NR FR1 TDD	9.49	
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 HDR4 ULLA 1.50 ±9.6	10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±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	10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	
10978 AAA ULLA BDR ULLA 2.23 ±9.6 10979 AAA ULLA HDR4 ULLA 7.02 ±9.6 10980 AAA ULLA HDR8 ULLA 8.82 ±9.6 10981 AAA ULLA HDR94 ULLA 1.50 ±9.6	10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	
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	10978	AAA	ULLA BDR	ULLA		
10981 AAA ULLA HDRp4 ULLA 1.50 ±9.6	10979	AAA	ULLA HDR4	ULLA	7.02	
10981 AAA ULLA HDRp4 ULLA 1.50 ±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		

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6

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