

APPENDIX C: PROBE AND DIPOLE CALIBRATION CERTIFICATES

Calibration Laboratory of

Schmid & Partner **Engineering AG**

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

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

Client Element

Morgan Hill, USA

Certificate No. CLA13-1004_Nov24

CALIBRATION CERTIFICATE

Object

CLA13 - SN: 1004

Calibration procedure(s)

QA CAL-15,v11

Calibration Procedure for SAR Validation Sources below 700 MHz

Calibration date:

November 11, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	-Mar-25
Power sensor NRP-Z91	SN: 103245	26-Mar-24 (No. 217-04037)	Mar-25
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
Type-N mismatch combination	SN: 310982 / 06327	26-Mar-24 (No. 217-04047)	Mar-25
Reference Probe EX3DV4	SN: 3877	10-Jan-24 (No. EX3-3877_Jan24)	Jan-25
DAE4	SN: 654	18-Oct-24 (No. DAE4-654_Oct24)	Oct-25
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter NRP2	SN: 107193	08-Nov-21 (in house check Dec-22)	In house check: Dec-24
Power sensor NRP-Z91	SN: 100922	15-Dec-09 (In house check Dec-22)	in house check: Dec-24
Power sensor NRP-Z91	SN: 100418	01-Jan-04 (in house check Dec-22)	In house check: Dec-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Sep-24)	In house check: Sep-26
	Name	Function	Signature
Calibrated by:	Krešimir Franjić	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	<u> </u>
			A Company of the Comp

Issued: November 11, 2024

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Certificate No: CLA13-1004_Nov24

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C Service sulsse d'étalonnage
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Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL

N/A

tissue simulating liquid

ConvF

sensitivity in TSL / NORM x,y,z 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.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) 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 source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). 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 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	ELI4 Flat Phantom	Shell thickness: 2 ± 0.2 mm
EUT Positioning	Touch Position	
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	13 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	55.0	0.75 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	53.1 ± 6 %	0.72 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	1 W input power	0.561 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	0.575 W/kg ± 18.4 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	1 W input power	0.346 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	0.355 W/kg ± 18.0 % (k=2)

Certificate No: CLA13-1004_Nov24

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	56.5 Ω - 0.6 jΩ	
Return Loss	- 24.3 dB	

Additional EUT Data

Manufactured by	SPEAG
	1

Certificate No: CLA13-1004_Nov24

DASY5 Validation Report for Head TSL

Date: 11.11.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: CLA13; Type: CLA13; Serial: CLA13 - SN: 1004

Communication System: UID 0 - CW; Frequency: 13 MHz

Medium parameters used: f = 13 MHz; $\sigma = 0.72$ S/m; $\varepsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY52 Configuration:

Probe: EX3DV4 - SN3877; ConvF(15.33, 15.33, 15.33) @ 13 MHz; Calibrated: 10.01.2024

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn654; Calibrated: 18.10.2024
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2034
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

CLA Calibration for HSL-LF Tissue/CLA-13, touch configuration, Pin=1W/Zoom Scan,

dist=1.4mm (8x10x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 31.58 V/m; Power Drift = 0.00 dB

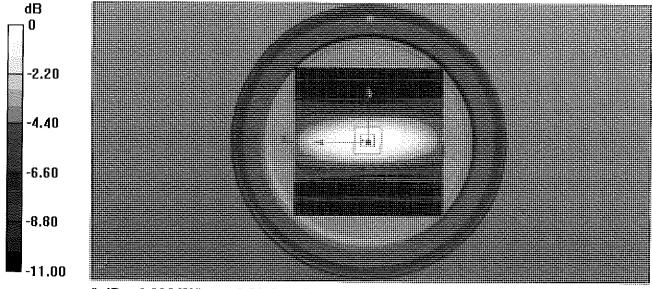
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.346 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

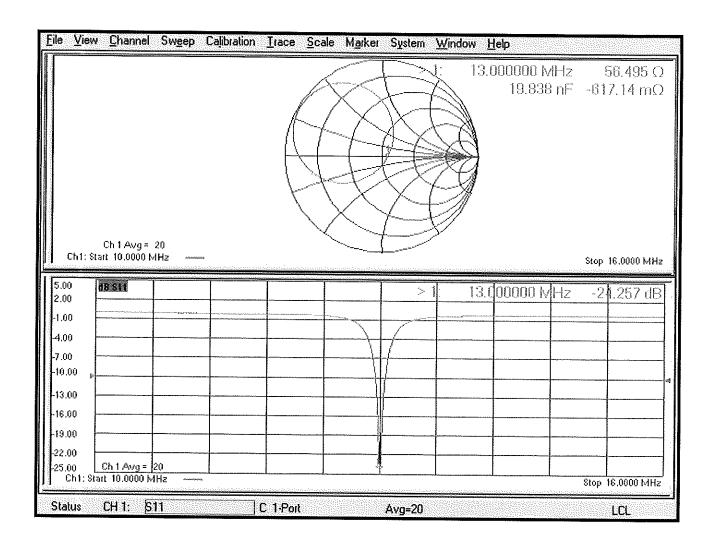
Ratio of SAR at M2 to SAR at M1 = 77.3%

Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg = -0.78 dBW/kg

Impedance Measurement Plot for Head TSL



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Swiss Calibration Service

Accreditation No.: SCS 0108

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Client

Element

Certificate No: D2450V2-855_Nov22

CALIBRATION CERTIFICATE

Object

D2450V2 - SN:855

Calibration procedure(s)

QA CAL-05.v11

Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date:

November 15, 2022

√ YW 12/13/2023

YW 11/19/2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power 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: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23
Type-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23
Reference Probe EX3DV4	SN: 7349	31-Dec-21 (No. EX3-7349_Dec21)	Dec-22
DAE4	SN: 601	31-Aug-22 (No. DAE4-601_Aug22)	Aug-23
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
			2 U C
Approved by:	Sven Kühn	Technical Manager	GE

Issued: November 16, 2022

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Calibration Laboratory of

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Accreditation No.: SCS 0108

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Glossary:

TSL

tissue simulating liquid

ConvF

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

N/A not applicable or not measure

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"

Additional Documentation:

c) 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 source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). 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 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	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
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	38.4 ± 6 %	1.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		700

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.4 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.4 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.24 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.6 W/kg ± 16.5 % (k=2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52. 7	1.95 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.7 ± 6 %	2.01 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.8 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	50.2 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.03 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	23.8 W/kg ± 16.5 % (k=2)

Certificate No: D2450V2-855_Nov22 Page 3 of 8

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	52.5 Ω + 6.3 jΩ
Return Loss	- 23.6 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	48.9 Ω + 7.9 jΩ
Return Loss	- 21.9 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1 157 ne
	1.15/ 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
	31 LAG

Certificate No: D2450V2-855_Nov22

DASY5 Validation Report for Head TSL

Date: 15.11.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:855

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 MHz; Calibrated: 31.12.2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn601; Calibrated: 31.08.2022

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

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

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.1 V/m; Power Drift = 0.01 dB

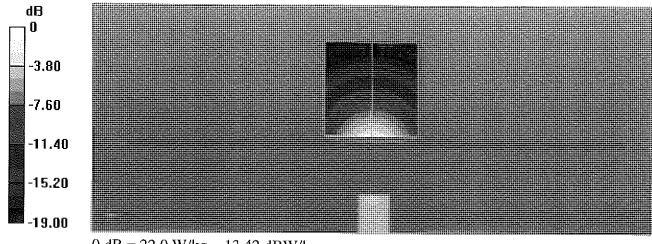
Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.24 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

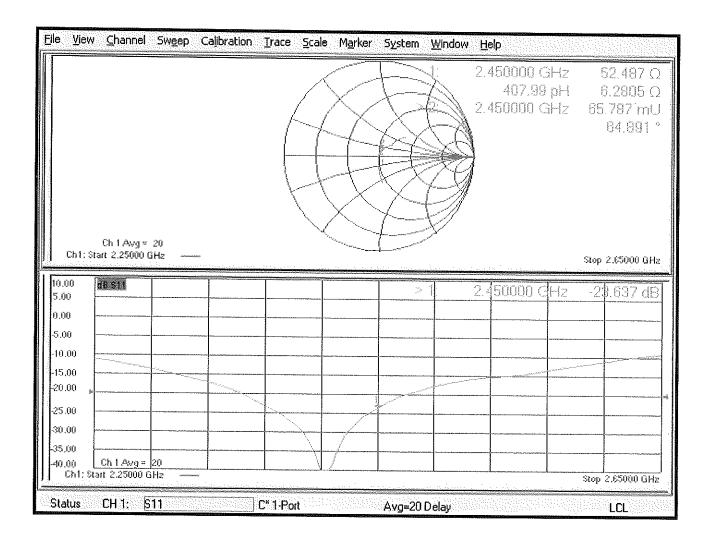
Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 dBW/kg

Impedance Measurement Plot for Head TSL



DASY5 Validation Report for Body TSL

Date: 15.11.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:855

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

• Probe: EX3DV4 - SN7349; ConvF(8.12, 8.12, 8.12) @ 2450 MHz; Calibrated: 31.12.2021

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 31.08.2022
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm 2/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 108.4 V/m; Power Drift = -0.04 dB

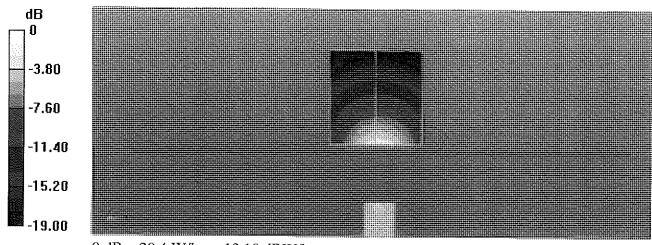
Peak SAR (extrapolated) = 24.1 W/kg

SAR(1 g) = 12.8 W/kg; SAR(10 g) = 6.03 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

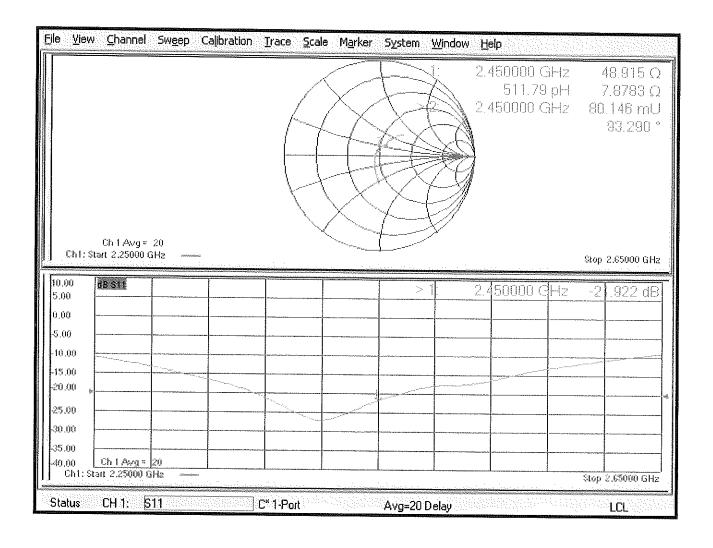
Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg = 13.10 dBW/kg

Impedance Measurement Plot for Body TSL



element

ELEMENT MATERIALS TECHNOLOGY

(formerly PCTEST) 18855 Adams Ct, Morgan Hill, CA 95037 USA Tel. +1.408.538.5600 http://www.element.com



Certification of Calibration

Object D2450V2 – SN: 855

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extension Calibration date: November 15, 2023

Description: SAR Validation Dipole at 2450 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	8753ES	S-Parameter Vector Network Analyzer	6/2/2023	Annual	6/12/2024	MY40003841
Agilent	E4438C	ESG Vector Signal Generator	4/25/2023	Annual	4/25/2024	US41460739
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Rohde & Schwarz	NRX	Power Meter	1/11/2023	Annual	1/11/2024	102583
Rohde & Schwarz	NRP-Z81	Wide Band Power Sensor	1/19/2023	Annual	1/19/2024	106563
Rohde & Schwarz	NRP-Z81	Wide Band Power Sensor	1/11/2023	Annual	1/11/2024	106564
Traceable	4040 90080-06	Therm./ Clock/ Humidity Monitor	5/11/2022	Biennial	5/11/2024	221514974
Control Company	4353	Ultra Long Stem Thermometer	10/24/2023	Annual	10/24/2024	200645916
Agilent	85033E	3.5mm Standard Calibration Kit	7/18/2023	Annual	7/18/2024	MY53402352
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Mini-Circuits	ZHDC-16-63-S+	50-6000MHz Bidirectional Coupler	CBT	N/A	CBT	N/A
Pasternack	NC-100	Torque Wrench	12/5/2022	Biennial	12/5/2024	N/A
SPEAG	DAK-3.5	Dielectric Assessment Kit	5/9/2023	Annual	5/9/2024	1070
SPEAG	EX3DV4	SAR Probe	11/9/2023	Annual	11/9/2024	7639
SPEAG	DAE4	Dasy Data Acquisition Electronics	11/14/2023	Annual	11/14/2024	1403

Measurement Uncertainty = ±23% (k=2)

	Name	Function	Signature
Calibrated By:	Arturo Oliveros	Compliance Engineer	40
Approved By:	Greg Snyder	Executive VP of Operations	LuggedSol

Object:	Date Issued:	Page 1 of 3
D2450V2 – SN: 855	11/15/2023	rage 1015

DIPOLE CALIBRATION EXTENSION

Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

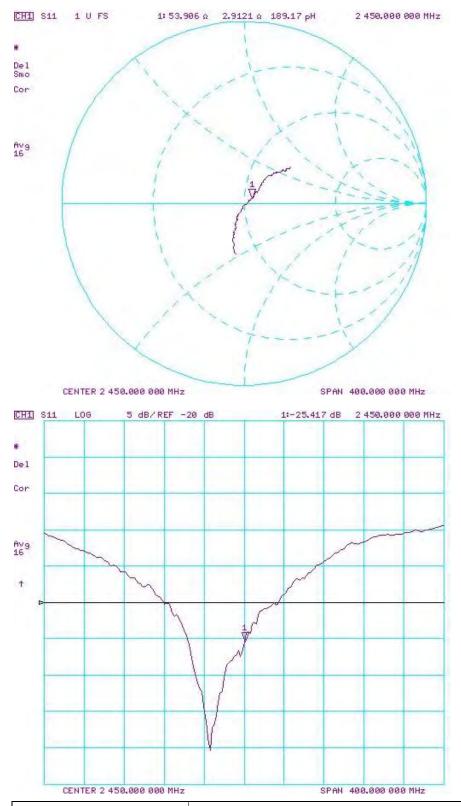
- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

c	Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 20.0 dBm	THead SAR (1a)	Deviation 1g (%)	Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	Head SAR	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real				Measured Impedance Head (Ohm) Imaginary	Difference	Certificate Return Loss Head (dB)		Deviation (%)	
1	1/15/2022	11/15/2023	1.157	5.24	5.13	-2.10%	2.46	2.38	-3.25%	52.5	53.9	1.4	6.3	2.9	3.4	-23.6	-25.4	-7.70%	

Object:	Date Issued:	Page 2 of 3
D2450V2 – SN: 855	11/15/2023	raye 2 01 3

Impedance & Return-Loss Measurement Plot for Head TSL



Object:	Date Issued:	Page 3 of 3
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element

ELEMENT MATERIALS TECHNOLOGY

(formerly PCTEST) 18855 Adams Ct, Morgan Hill, CA 95037 USA Tel. +1.408.538.5600 http://www.element.com



Certification of Calibration

Object D2450V2 – SN: 855

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extension Calibration date: November 15, 2024

Description: SAR Validation Dipole at 2450 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Hewlett Packard	8753E	RF Vector Network Analyzer	5/21/2024	Annual	5/21/2025	US38161081
Agilent	E4438C	ESG Vector Signal Generator	5/19/2024	Annual	5/19/2025	US41460739
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Anritsu	ML2496A	Power Meter	7/15/2024	Annual	7/15/2025	1138001
Anritsu	MA2411B	Pulse Power Sensor	7/10/2024	Annual	7/10/2025	1126066
Anritsu	MA2411B	Pulse Power Sensor	7/1/2024	Annual	7/1/2025	1911105
Traceable	4040 90080-06	Therm./ Clock/ Humidity Monitor	1/15/2024	Annual	1/15/2025	160574418
Control Company	4352	Ultra Long Stem Thermometer	1/15/2024	Annual	1/15/2025	160508097
Agilent	85033E	3.5mm Standard Calibration Kit	7/31/2024	Annual	7/31/2025	MY53402352
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Mini-Circuits	ZHDC-16-63-S+	50-6000MHz Bidirectional Coupler	CBT	N/A	CBT	N/A
Pasternack	NC-100	Torque Wrench	12/5/2022	Biennial	12/5/2024	N/A
SPEAG	DAK-3.5	Dielectric Assessment Kit	5/14/2024	Annual	5/14/2025	1070
SPEAG	EX3DV4	SAR Probe	9/9/2024	Annual	9/9/2025	7639
SPEAG	DAE4	Dasy Data Acquisition Electronics	9/4/2024	Annual	9/4/2025	1403

Measurement Uncertainty = ±23% (k=2)

	Name	Function	Signature
Calibrated By:	Arturo Oliveros	Compliance Engineer	10
Approved By:	Greg Snyder	Executive VP of Operations	Sugge M. Syla

Object:	Date Issued:	Page 1 of 3
D2450V2 - SN: 855	11/15/2024	Page 1 of 3

DIPOLE CALIBRATION EXTENSION

Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

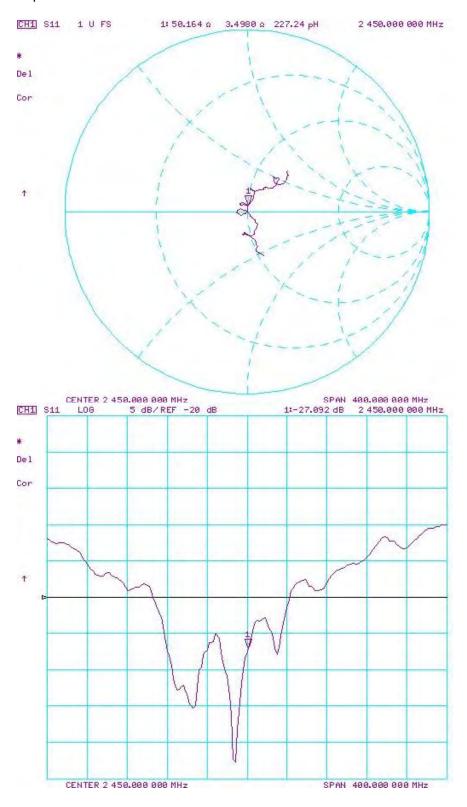
- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 3-year calibration period from the calibration date:

Calibra Date	on Extension Date		Certificate SAR Target Head (1g) W/kg @ 20.0 dBm	Head SAR (1g)	Deviation 1g (%)	Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	Measured Head SAR (10g) W/kg @ 20.0 dBm	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real	Measured Impedance Head (Ohm) Real		Certificate Impedance Head (Ohm) Imaginary	Measured Impedance Head (Ohm) Imaginary		Certificate Return Loss Head (dB)		Deviation (%)	
11/15/2	122 11/15/2024	1.157	5.24	5.31	1.34%	2.46	2.49	1.22%	52.5	50.2	2.3	6.3	3.5	2.8	-23.6	-27.1	-14.80%	ı

Object:	Date Issued:	Page 2 of 3
D2450V2 - SN: 855	11/15/2024	rage 2 01 3

Impedance & Return-Loss Measurement Plot for Head TSL



Object:	Date Issued:	Page 3 of 3
D2450V2 - SN: 855	11/15/2024	rage 3 or 3

Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Client

Element Morgan Hill, USA

Certificate No.

D2450V2-921_Oct24

CALIBRATION CERTIFICATE

Object

D2450V2 - SN: 921

Calibration procedure(s)

QA CAL-05.v12

Calibration Procedure for SAR Validation Sources between 0.7 - 3 GHz

Calibration date

October 23, 2024

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 $(22\pm3)^{\circ}$ C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Power Sensor R&S NRP-33T	SN: 100967	28-Mar-24 (No. 217-04038)	Mar-25
Power Sensor R&S NRP18A	SN: 101859	22-Jul-24 (No. 4030A315008547)	Jul-25
Spectrum Analyzer R&S FSV40	SN: 101832	25-Jan-24 (No. 4030-315007551)	Jan-25
Mismatch; Short [S4188] Attenuator [S4423]	SN: 1152	28-Mar-24 (No. 217-04050)	Mar-25
OCP DAK-12	SN: 1016	24-Sep-24 (No. OCP-DAK12-1016_Sep24)	Sep-25
OCP DAK-3.5	SN: 1249	23-Sep-24 (No. OCP-DAK3.5-1249_Sep24)	Sep-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349_Jun24)	Jun-25
DAE4ip	SN: 1836	10-Jan-24 (No. DAE4ip-1836_Jan24)	Jan-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
ACAD Source Box	SN: 1000	28-May-24 (No. 675-ACAD_Source_Box-240528)	May-25
Signal Generator R&S SMB100A	SN: 182081	28-May-24 (No. 675-CAL16-S4588-240528)	May-25
Mismatch; SMA	SN: 1102	22-May-24 (No. 675-Mismatch_SMA-240522)	May-25

Name Function Signature

Calibrated by Paulo Pina Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: October 23, 2024

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S **Swiss Calibration Service**

Accreditation No.: SCS 0108

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Glossary

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

- 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.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation

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.
- · 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%,

D2450V2 - SN: 921 October 23, 2024

Measurement Conditions

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

DASY Version	DASY8 Module SAR	16.4.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with spacer
Zoom Scan Resolution	dx, dy = 5mm, dz = 1.5mm	Graded Ratio = 1.5 mm (Z direction)
Frequency	2450MHz ±1MHz	

Head TSL parameters at 2450 MHz

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	37.7 ±6%	1.82 mho/m ±6%
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 2450 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	24 dBm input power	13.1 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.2 W/kg ±17.0% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	24 dBm input power	6.11 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.3 W/kg ±16.5% (k = 2)

D2450V2 - SN: 921 October 23, 2024

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 2450 MHz

Impedance	50.9 Ω+4.8 jΩ
Return Loss	-26.3 dB

General Antenna Parameters and Design

	1.4=3
Electrical Delay (one direction)	1.15/ ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

	
Manufactured by	SPEAG

Certificate No: D2450V2-921_Oct24 Page 4 of 6

System Performance Check Report

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Dipole	Frequency (MHz)	TSL	Power (dBm)
D2450V2 SN921	2450	HSL.	24

Exposure Conditions

Phantom Section, TSL	Test Distance (mm)	Band	Group, UID	Frequency (MHz), Channel Number	Conversion Factor	T\$L Conductivity [\$/m]	TSL Permittivity
Flat	10		C₩, 0	2450, 0	7.24	1,82	37,7

Hardware Setup

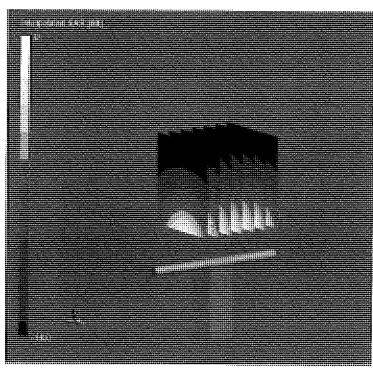
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Right	HSL, 2024-10-23	EX3DV4 - SN7349, 2024-06-03	DAE4ip Sn1836, 2024-01-10

Scans Setui

	Zoom Scar
Grid Extents [mm]	30 x 30 x 30
Grld Steps [mm]	5.0 x 5.0 x 1.5
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.5
MAIA	N/A
Surface Detection	VMS + 6p
Scan Method	Measured

Measurement Results

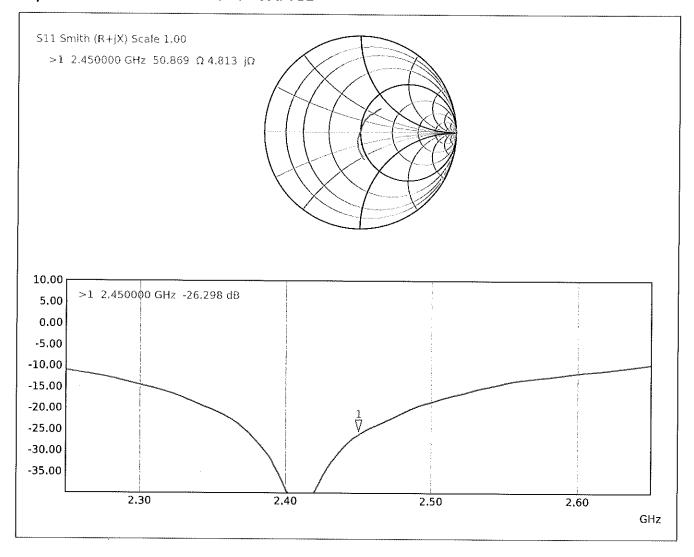
	Zoom Scan
Date	2024-10-23
psSAR1g [W/Kg]	13.1
psSAR10g (W/Kg)	6.11
Power Drift [dB]	10.0
Power Scaling	Disabled
Scaling Factor [d8]	
TSL Correction	Positive / Negative



0 dB = 27.3 W/Kg

D2450V2 - SN: 921

Impedance Measurement Plot for Head TSL



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Client Element

Morgan Hill, USA

Certificate No. D5GHzV2-1163_Jun24

CALIBRATION CERTIFICATE

Object

D5GHzV2 - SN:1163

Calibration procedure(s)

QA CAL-22.v7

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

June 12, 2024

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 NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
Power sensor NRP-Z91	SN: 103245	26-Mar-24 (No. 217-04037)	Mar-25
Reference 20 dB Attenuator	SN: BH9394 (20k)	26-Mar-24 (No. 217-04046)	Mar-25
Type-N mismatch combination	SN: 310982 / 06327	26-Mar-24 (No. 217-04047)	Mar-25
Reference Probe EX3DV4	SN: 3503	07-Mar-24 (No. EX3-3503_Mar24)	Mar-25
DAE4	SN: 601	22-May-24 (No. DAE4-601_May24)	May-25
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
Calibrated by:	Paulo Pina	Laboratory Technician	<i>j</i> 27,
Approved by:	Sven Kühn	Technical Manager : //	1 16-11.1
		J. //t .	10.757447

Issued: June 13, 2024

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Glossary:

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

Additional Documentation:

c) 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.
- 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	DASY52	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 5850 MHz ± 1 MHz	

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	Permittivit y	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.3 ± 6 %	4.60 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	****	

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	Verifica -
SAR measured	100 mW input power	7.95 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.6 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.26 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.6 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	35.6 ± 6 %	4.97 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.28 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	82.8 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.4 W/kg ± 19.5 % (k=2)

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	35.4 ± 6 %	5.14 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	8.12 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	81.1 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.30 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.0 W/kg ± 19.5 % (k=2)

Certificate No: D5GHzV2-1163_Jun24

Head TSL parameters at 5850 MHz
The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.2	5.32 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.3 ± 6 %	5.24 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5850 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.90 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.0 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.22 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.2 W/kg ± 19.5 % (k=2)

Certificate No: D5GHzV2-1163_Jun24

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	45.9 Ω - 5.0 jΩ
Return Loss	- 23.4 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	48.8 Ω + 2.7 jΩ
Return Loss	- 30.6 dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	56.4 Ω - 1.5 jΩ
Return Loss	- 24.2 dB

Antenna Parameters with Head TSL at 5850 MHz

Impedance, transformed to feed point	59.5 Ω + 1.4 jΩ
Return Loss	- 21.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.165 ns

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

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

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

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D5GHzV2-1163_Jun24 Page 6 of 9

DASY5 Validation Report for Head TSL

Date: 12.06.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1163

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

MHz, Frequency: 5850 MHz

Medium parameters used: f=5250 MHz; $\sigma=4.6$ S/m; $\epsilon_r=36.3$; $\rho=1000$ kg/m³ Medium parameters used: f=5600 MHz; $\sigma=4.97$ S/m; $\epsilon_r=35.6$; $\rho=1000$ kg/m³ Medium parameters used: f=5750 MHz; $\sigma=5.14$ S/m; $\epsilon_r=35.4$; $\rho=1000$ kg/m³

Medium parameters used: f = 5850 MHz; $\sigma = 5.24$ S/m; $\varepsilon_r = 35.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.39, 5.39, 5.39) @ 5250 MHz, ConvF(5, 5, 5) @ 5600 MHz, ConvF(4.98, 4.98, 4.98) @ 5750 MHz, ConvF(4.89, 4.89, 4.89) @ 5850 MHz; Calibrated: 07.03.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 22.05,2024
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

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 = 75.03 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 27.6 W/kg

SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.26 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 17.9 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 = 74.93 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 31.5 W/kg

SAR(1 g) = 8.28 W/kg; SAR(10 g) = 2.34 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) = 19.3 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 = 72.50 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.30 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.4%

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

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5850 MHz/Zoom Scan,

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

Reference Value = 71.84 V/m; Power Drift = 0.09 dB

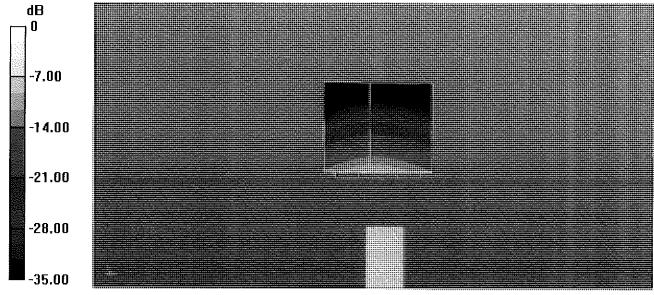
Peak SAR (extrapolated) = 32.3 W/kg

SAR(1 g) = 7.90 W/kg; SAR(10 g) = 2.22 W/kg

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

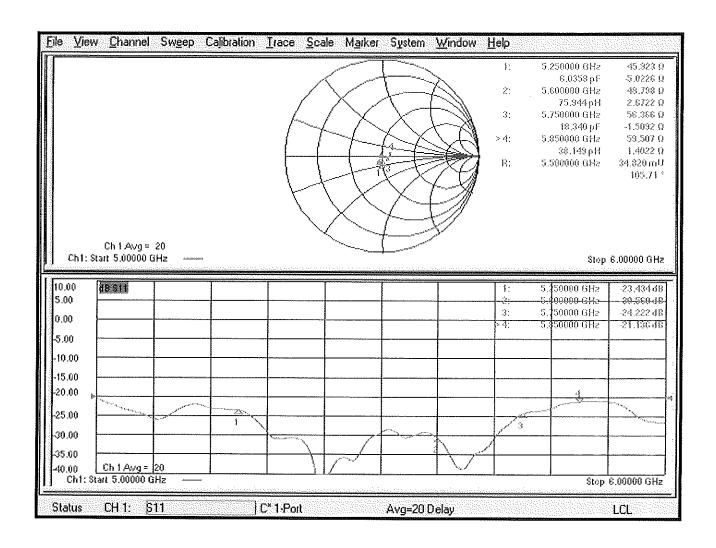
Ratio of SAR at M2 to SAR at M1 = 64.4%

Maximum value of SAR (measured) = 18.8 W/kg



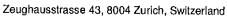
0 dB = 19.3 W/kg = 12.85 dBW/kg

Impedance Measurement Plot for Head TSL



Calibration Laboratory of

Schmid & Partner Engineering AG







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S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Client

Element

Morgan Hill, USA

Certificate No.

D5GHzV2-1066_Nov24

CALIBRATION CERTIFICATE

Object

D5GHzV2 - SN: 1066

Calibration procedure(s)

QA CAL-22.v7

Calibration Procedure for SAR Validation Sources between 3 - 10 GHz

Calibration date

November 8, 2024

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 $(22\pm3)^{\circ}$ C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Power Sensor R&S NRP-33T	SN: 100967	28-Mar-24 (No. 217-04038)	Mar-25
Power Sensor R&S NRP18A	SN: 101859	22-Jul-24 (No. 4030A315008547)	Jul-25
Spectrum Analyzer R&S FSV40	SN: 101832	25-Jan-24 (No. 4030-315007551)	Jan-25
Mismatch; Short [S4188] Attenuator [S4423]	SN: 1152	28-Mar-24 (No. 217-04050)	Mar-25
OCP DAK-12	SN: 1016	24-Sep-24 (No. OCP-DAK12-1016 Sep24)	Sep-25
OCP DAK-3.5	SN: 1249	23-Sep-24 (No. OCP-DAK3.5-1249_Sep24)	Sep-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349_Jun24)	Jun-25
DAE4ip	SN: 1836	28-Oct-24 (No. DAE4ip-1836, Oct24)	Oct-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
ACAD Source Box	SN: 1000	28-May-24 (No. 675-ACAD_Source_Box-240528)	May-25
Signal Generator R&S SMB100A	SN: 182081	28-May-24 (No. 675-CAL16-S4588-240528)	May-25
Mismatch; SMA	SN: 1102	22-May-24 (No. 675-Mismatch_SMA-240522)	May-25

Name

Function

Signatur

Calibrated by

Paulo Pina

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: November 12, 2024

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Certificate No: D5GHzV2-1066 Nov24

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Zeughausstrasse 43, 8004 Zurich, Switzerland





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Glossary

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

- 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.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation

· 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.
- · 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%.

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D5GHzV2 - SN: 1066 November 8, 2024

Measurement Conditions

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

DASY Version	DASY8 Module SAR	16.4.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with spacer
Zoom Scan Resolution	dx, dy = 4mm, dz = 1.4mm	Graded Ratio = 1.4 mm (Z direction)
Frequency	5250MHz ±1MHz 5600MHz ±1MHz 5750MHz ±1MHz 5850MHz ±1MHz	

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	35.8 ±6%	4.58 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 for nominal Head TSL parameters	20 dBm input power	7.79 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	77.9 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.25 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.5 W/kg ±19.5% (k = 2)

D5GHzV2 - SN: 1066 November 8, 2024

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittlvity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ±0.2)°C	35.2 ±6%	4.96 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 for nominal Head TSL parameters	20 dBm input power	8.18 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	81.8 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.37 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.7 W/kg ±19.5% (k = 2)

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	35.0 ±6%	5.12 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 for nominal Head TSL parameters	20 dBm input power	8.07 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.7 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.2 W/kg ±19.5% (k = 2)

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D5GHzV2 - SN: 1066 November 8, 2024

Head TSL parameters at 5850 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.2	5.32 mho/m
Measured Head TSL parameters	(22.0 ±0.2)°C	34.9 ±6%	5.21 mho/m ±6%
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5850 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	7.74 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	77.4 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.22 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.2 W/kg ±19.5% (k = 2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance	48.2 Ω – 2.3 jΩ	
Return Loss	-30.6 dB	

Antenna Parameters with Head TSL at 5600 MHz

Impedance	57.0 Ω – 0.7 jΩ
Return Loss	-23.7 dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance	55.3 Ω + 1.1 JΩ
Return Loss	-25.8 dB

Antenna Parameters with Head TSL at 5850 MHz

Impedance	55.7 Ω – 3.6 jΩ
Return Loss	-23.9 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1 105
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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

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Certificate No: D5GHzV2-1066_Nov24

System Performance Check Report

Summary

Dipole	Frequency (MHz)	TSL	Power (d8m)
D5GHzV2 - SN1066	5250	HSL.	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity (S/m)	TSL Permittivity
Flat	10		CW, 0	5250, 0	5.39	4.58	35.8

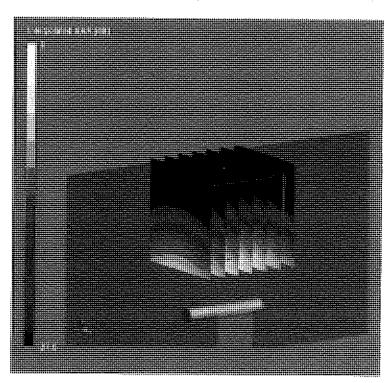
Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Left	HSL, 2024-11-08	EX3DV4 - \$N7349, 2024-06-03	DAE4Ip Sn1836, 2024-10-28

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface [mm]	1,4
Graded Grid	Yes
Grading Ratio	1.4
MAIA	N/A
Surface Detection	All points
Scan Method	Measured

	Zoom Scan
Date	2024-11-08
psSAR1g [W/Kg]	7.79
psSAR10g [W/Kg]	2.25
Power Drift [dB]	0.03
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



0 dB = 30.9 W/Kg

D5GHzV2 - SN: 1066 November 8, 2024

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power (dBm)
D5GHzV2 SN1066	5600	HSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency (MHz), Channel Number		TSL Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0	5600, 0	4.93	4.96	35.2

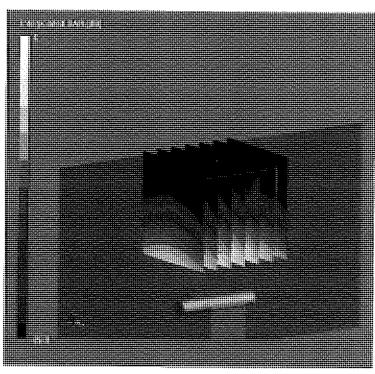
Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Left	HSL, 2024-11-08	EX3DV4 - SN7349, 2024-06-03	DAE4lp Sn1836, 2024-10-28

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.4
MALA	N/A
Surface Detection	All points
Scan Method	Measured

	Zoom Scan
Oate	2024-11-08
psSAR1g [W/Kg]	8.18
psSAR10g [W/Kg]	2.37
Power Drift [dB]	-0.09
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative
132 CONTROLON	POZIC



0 dB = 35.1 W/Kg

D5GHzV2 - SN: 1066 November 8, 2024

System Performance Check Report

Summary

Dipole	Frequency (MHz)	TSL	Power (d8m)
D5GHzV2 - SN1066	5750	HS∟	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Валф	Group, UID	Frequency (MHz), Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0	5750,0	4.93	5.12	35.0

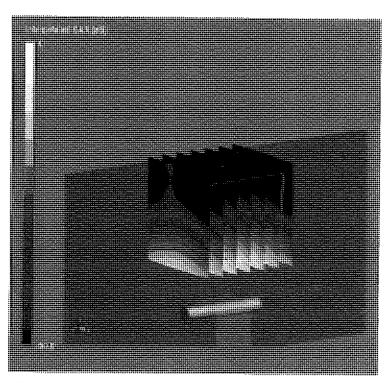
Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Left	HSL, 2024-11-08	EX3DV4 ~ SN7349, 2024-06-03	DAE4ip Sn1836, 2024-10-28

Scans Setup

	Zoom Scan
Grid Extents (mm)	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface [mm]	1,4
Graded Grid	Yes
Grading Ratto	1.4
MAIA	N/A
Surface Detection	All points
Scan Method	Measured

	Zoom Scan
Date	2024-11-08
psSAR1g [W/Kg]	8.07
psSAR10g [W/Kg]	2.32
Power Drift [d8]	0.00
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



0 dB = 35.6 W/Kg

System Performance Check Report

Summary

Dipole	Frequency (MHz)	TSL	Power [dBm]
D5GHzV2 ~ \$N1066	5850	HSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSt. Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0	5850, 0	4.96	5.21	34.9

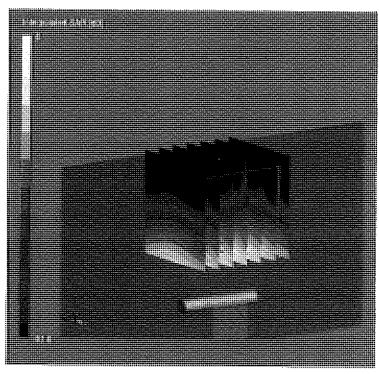
Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Left	HSL, 2024-11-08	EX3DV4 - \$N7349, 2024-06-03	DAE4lp Sn1836, 2024-10-28

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface (mm)	1,4
Graded Grid	Yes
Grading Ratlo	1.4
MAIA	N/A
Surface Detection	All points
Scan Method	Measured

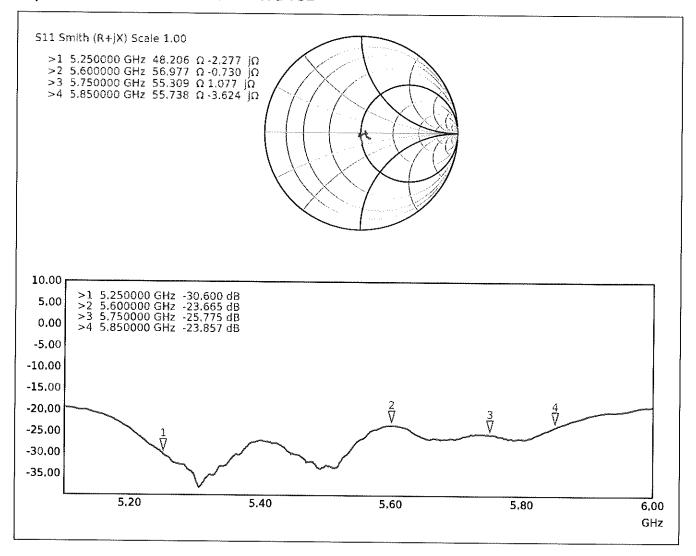
	Zoom Scan
Date	2024-11-08
psSAR1g [W/Kg]	7.74
psSAR10g [W/Kg]	2,22
Power Drift (d8)	-0.09
Power Scaling	Disabled
Scaling Factor [d8]	
TSL Correction	Positive / Negative



0 dB = 35.0 W/Kg

D5GHzV2 - SN: 1066 November 8, 2024

Impedance Measurement Plot for Head TSL



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Client

Element

Morgan Hill, USA

Certificate No. D6.5GHzV2-1019 Oct24

CALIBRATION CERTIFICATE

Object D6.5GHzV2 - SN:1019

Calibration procedure(s)

Calibration date:

October 10, 2024

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 sensor R&S NRP33T	SN: 100967	28-Mar-24 (No. 217-04038)	Mar-25
Reference 20 dB Attenuator	SN: BH9394 (20k)	26-Mar-24 (No. 217-04046)	Mar-25
Mismatch combination	SN: 84224 / 360D	28-Mar-24 (No. 217-04050)	Mar-25
Reference Probe EX3DV4	SN: 7405	01-Jul-24 (No. EX3-7405_Jul24)	Jul-25
DAE4	SN: 908	27-Mar-24 (No. DAE4-908_Mar24)	Mar-25
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Secondary Standards	ID#	Check Date (in house)	Scheduled Check
RF generator Anapico APSIN20G	SN: 827	18-Dec-18 (in house check Jan-24)	In house check: Jan-25
Power sensor NRP-Z23	SN: 100169	10-Jan-19 (in house check Jan-24)	In house check: Jan-25
Power sensor NRP-18T	SN: 100950	28-Sep-22 (in house check Jan-24)	In house check: Jan-25
Network Analyzer Keysight E5063A	SN:MY54504221	31-Oct-19 (in house check Sep-24)	In house check: Sep-26

Calibrated by:

Name Aidonia Georgiadou

Function Laboratory Technician Signature

Approved by:

Sven Kühn

Technical Manager

Issued: October 11, 2024

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Certificate No: D6.5GHzV2-1019_Oct24

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Accreditation No.: SCS 0108

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Glossary:

TSL

N/A

tissue simulating liquid

ConvF

sensitivity in TSL / NORM x,y,z 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 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	V16.2
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	34.5 ± 6 %	6.18 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	30.0 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	300 W/kg ± 24.7 % (k=2)

SAR averaged over 8 cm ³ (8 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.72 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	67.2 W/kg ± 24.4 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	5.51 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	55.1 W/kg ± 24.4 % (k=2)

Certificate No: D6.5GHzV2-1019_Oct24

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.6 Ω - 5.5 jΩ		
Return Loss	- 25.1 dB		

APD (Absorbed Power Density)

APD averaged over 1 cm ²	Condition	
APD measured	100 mW input power	299 W/m²
APD measured	normalized to 1W	2990 W/m² ± 29.2 % (k=2)

APD averaged over 4 cm ²	condition	
APD measured	100 mW input power	134 W/m²
APD measured	normalized to 1W	1340 W/m² ± 28.9 % (k=2)

^{*}The reported APD values have been derived using the psSAR1g and psSAR8g.

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

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Manufactured by	SPEAG

Certificate No: D6.5GHzV2-1019_Oct24

DASY6 Validation Report for Head TSL

Measurement Report for D6.5GHz-1019, UID 0 -, Channel 6500 (6500.0MHz)

Device	under	Test	Prop	erties
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Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D6.5GHz	16.0 x 6.0 x 300.0	SN: 1019	-

Exposure Conditions

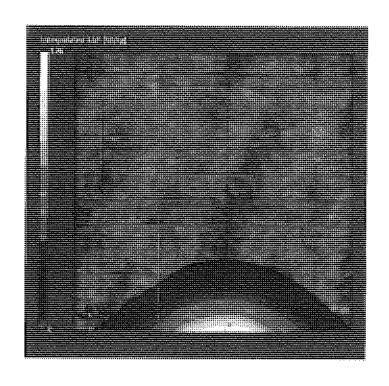
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Cond. [S/m]	TSL Permittivity
Flat, HSL	5.00	Band	cw,	6500	5.14	6.18	34.5

Hardware Setup

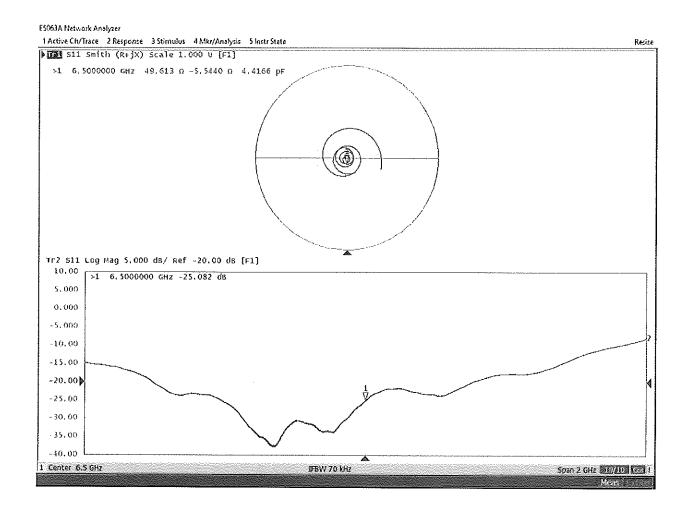
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center - 1182	HBBL600-10000V6	EX3DV4 - 5N7405, 2024-07-01	DAE4 Sn908, 2024-03-27

Scan Setup

	Zoom Scan		Zoom Scan
Grid Extents [mm]	22.0 x 22.0 x 22.0	Date	2024-10-10, 12:55
Grid Steps [mm]	3.4 x 3.4 x 1.4	psSAR1g [W/Kg]	30.0
5ensor Surface [mm]	1.4	psSAR8g [W/Kg]	6.72
Graded Grid	Yes	psSAR10g [W/Kg]	5.51
Grading Rati o	1.4	Power Drift [dB]	0.00
MAIA	N/A	Power Scaling	Disabled
Surface Detection	VM5 + 6p	Scaling Factor [dB]	
Scan Method	Measured	TSL Correction	No correction
		M2/M1 [%]	49.4
		Dist 3dB Peak [mm]	4.4



Impedance Measurement Plot for Head TSL



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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Client

Element Morgan Hill, USA Certificate No. 5G-Veri10-1006_Oct24

CALIBRATION CERTIFICATE

Multilateral Agreement for the recognition of calibration certificates

Object 5G Verification Source 10 GHz - SN: 1006

J yw 10/22/24

Scheduled Calibration

Calibration procedure(s)

QA CAL-45.v5

Calibration procedure for sources in air above 6 GHz

Calibration date:

Primary Standards

Calibrated by:

October 08, 2024

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#

Reference Probe EUmmWV3	SN: 9374	28-Aug-24 (No. EUmm-9374_Aug24)	Aug-25	
DAE4ip	SN: 1602	08-Nov-23 (No. DAE4ip-1602_Nov23)	Nov-24	
Secondary Standards	ID#	Check Date (in house)	Scheduled Check	
RF generator R&S SMF100A	SN: 100184	29-Nov-23 (in house check Nov-23)	In house check: Nov-24	
Power sensor R&S NRP18S-10	SN: 101258	29-Nov-23 (in house check Nov-23)	In house check: Nov-24	
	014. 101200	20 1104 20 (IT 110430 CHECK 1104 20)	IN HOUSE CHECK, NOT ET	

Cal Date (Certificate No.)

Name Function

Joanna Lleshaj Laboratory Technician

Approved by: Sven Kühn Technical Manager

Issued: October 10, 2024

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Certificate No: 5G-Veri10-1006_Oct24

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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

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-Veri10-1006_Oct24

Page 2 of 8

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	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	10 GHz ± 10 MHz	

Calibration Parameters, 10 GHz

Circular 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 cm²	4 cm²	
10 mm	93.3	155	1.27 dB	62.5	58.1	1.28 dB

Distance Horn	Prad1	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	93.3	155	1.27 dB	62.3, 62.5, 62.7	57.9, 58.1, 58.4	1.28 dB

Square Averaging

Distance Horn	Prad1	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	93.3	155	1.27 dB	62.4	58.0	1.28 dB

Distance Horn Aperture to	Prad¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+		Uncertainty (k = 2)
Measured Plane			,	(W/m²)		•
				1 cm ²	4 cm ²	
10 mm	93.3	155	1.27 dB	62.2, 62.5, 62.6	57.8, 58.0, 58.3	1.28 dB

Max Power Density

Distance Horn	Prad1	Max E-field	Uncertainty	Max Power Density	Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Sn, Stot, Stot	(k = 2)
Measured Plane				(W/m²)	
10 mm	93.3	155	1.27 dB	64.0, 64.2, 64.3	1.28 dB

Certificate No: 5G-Veri10-1006_Oct24

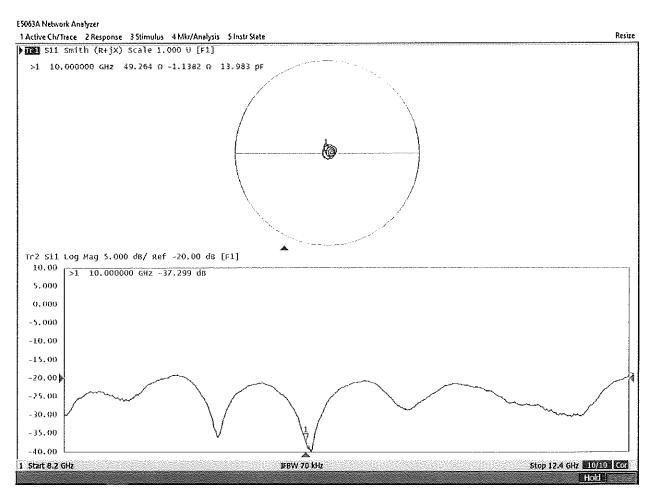
 $^{^{\}rm 1}$ Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	49.3 Ω - 1.1 jΩ
Return Loss	- 37.3 dB

Impedance Measurement Plot



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

Device under Test Properties

 Name, Manufacturer
 Dimensions [mm]
 IMEI
 DUT Type

 5G Verification Source 10 GHz
 100.0 x 100.0 x 172.0
 SN: 1006

Exposure Conditions

Phantom Section Position, Test Distance Band Group, Frequency [MHz], Conversion Factor [mm] Channel Number

5G - 10.0 mm Validation band CW 10000.0, 1.0

Hardware Setup

PhantomMediumProbe, Calibration DateDAE, Calibration DatemmWave Phantom - 1002AirEUmmWV3 - SN9374_F1-55GHz,DAE4ip Sn1602,2024-08-282023-11-08

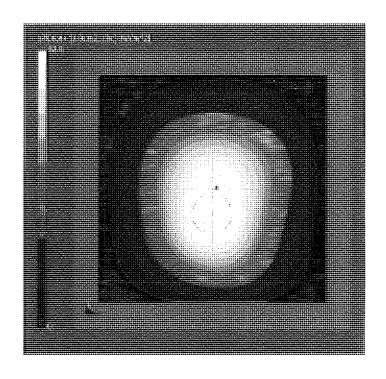
Scan Setup

5G Scan 5G Scan 2024-10-08, 09:13 Sensor Surface [mm] 10.0 Date MAIA MAIA not used Avg. Area [cm²] 1.00 Circular Averaging Avg. Type psPDn+ [W/m²] 62.3 psPDtot+ [W/m²] 62.5 psPDmod+ [W/m2] 62.7 Max(Sn) [W/m²] 64.0 Max(Stot) [W/m2] 64.2 Max(|Stot|) [W/m²] 64.3 $E_{max}[V/m]$ 155

Measurement Results

Power Drift [dB]

0.01



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

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 GHz Dimensions [mm] 100.0 x 100.0 x 172.0 IMEI SN: 1006 **DUT Type**

Exposure Conditions

Phantom Section

Position, Test Distance

Band

Group,

Frequency [MHz], Channel Number **Conversion Factor**

5G Scan

[mm]

5G -

10.0 mm

Validation band

CW

10000.0,

0.0,

10000

Hardware Setup

Phantom

mmWave Phantom - 1002

Medium

Air

Probe, Calibration Date

EUmmWV3 - SN9374_F1-55GHz,

2024-08-28

DAE, Calibration Date DAE4ip \$n1602,

1.0

2023-11-08

Scan Setup

Sensor Surface [mm]

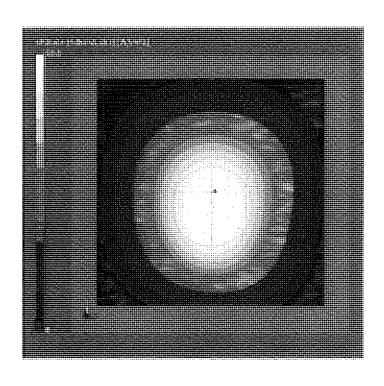
MAIA

5G Scan 10.0

MAIA not used

Measurement Results

2024-10-08, 09:13 Date Avg. Area [cm²] 4.00 Circular Averaging Avg. Type psPDn+ [W/m²] 58.1 psPDtot+ [W/m2] psPDmod+ [W/m²] 58.4 Max(Sn) [W/m²] 64.0 Max(Stot) [W/m²] 64.2 Max(|Stot|) [W/m²] 64.3 E_{max} [V/m] 155 0.01 Power Drift [dB]



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

Device under Test Properties

DUT Type Name, Manufacturer Dimensions [mm] IMEI SN: 1006 5G Verification Source 10 GHz 100.0 x 100.0 x 172.0

Exposure Conditions

Conversion Factor Phantom Section Position, Test Distance Group, Frequency (MHz),

[mm] 10000.0, 1.0 10.0 mm Validation band CW

Measurement Results

10000

Channel Number

155

0.01

Hardware Setup

5G -

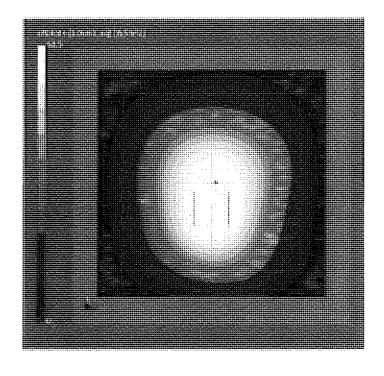
DAE, Calibration Date Medium Probe, Calibration Date Phantom EUmmWV3 - \$N9374_F1-55GHz, DAE4ip Sn1602, mmWave Phantom - 1002 Air 2024-08-28 2023-11-08

Scan Setup

5G Scan 5G Scan 2024-10-08, 09:13 Sensor Surface [mm] 10.0 Date MAIA not used Avg. Area [cm²] 1.00 MAIA Square Averaging Avg. Type psPDn+ [W/m²] 62.2 62.5 psPDtot+ (W/m²) psPDmod+ [W/m²] 62.6 Max(Sn) [W/m²] 64.0 Max(Stot) [W/m2] 64.2 Max(|Stot|) [W/m2] 64.3

E_{max} [V/m]

Power Drift [d8]



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

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 GHz Dimensions [mm] 100.0 x 100.0 x 172.0 IMEI SN: 1006 **DUT Type**

Exposure Conditions

Phantom Section

Position, Test Distance

Band

Group,

Frequency [MHz],

Conversion Factor

[mm]

10.0 mm Validation band

CW

Channel Number 10000.0,

10000

1.0

Hardware Setup

Phantom

5G -

mmWave Phantom - 1002

Medium

Air

Probe, Calibration Date

EUmmWV3 - SN9374 F1-55GHz,

2024-08-28

DAE, Calibration Date

DAE4ip Sn1602, 2023-11-08

Scan Setup

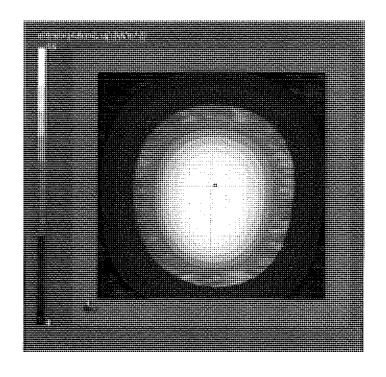
Sensor Surface [mm]

MAIA

5G Scan 10.0

MAIA not used

	5G Scan
Date	2024-10-08, 09:13
Avg. Area [cm²]	4.00
Avg. Type	Square Averaging
psPDn+ (W/m²)	57.8
psPDtot+ [W/m²]	58.0
psPDmod+ [W/m²]	58.3
Max(Sn) [W/m ²]	64.0
Max(Stot) [W/m²]	64.2
Max(Stot) [W/m²]	64.3
E _{max} [V/m]	155
Power Drift [dB]	0.01



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Cilent

Element Morgan Hill, USA Certificate No.

EX-7308_Feb24

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7308

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

February 09, 2024

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) ℃ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe EX3DV4	SN: 7349	03-Nov-23 (No. EX3-7349_Nov23)	Nov-24

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-22)	In house check: Oct-24

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Name

Function

Calibrated by

Claudio Leubler

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: February 09, 2024

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Certificate No: EX-7308_Feb24

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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 $\varphi \qquad \varphi$ rotation around probe axis

Polarization θ or rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is

normal to probe axis

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

Calibration is Performed According to the Following Standards:

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

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. 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
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- · Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Certificate No: EX-7308 Feb24 Page 2 of 21

Parameters of Probe: EX3DV4 - SN:7308

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) A	0.51	0.62	0.61	±10.1%
DCP (mV) B	105.5	103.5	104.1	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	C	D	VR	Max	Max
	•	1	₫B	dΒ√μV		dB	m۷	dev.	Unc ^E
				, -					k = 2
0	CW	Х	0.00	0.00	1.00	0.00	196.3	±3.5%	±4.7%
		Y	0.00	0.00	1.00		190.2		
		Z	0.00	0.00	1.00		192.5		
10352	Pulse Waveform (200Hz, 10%)	X	1.42	60.12	6.08	10.00	60.0	±2.8%	±9.6%
		Y	1.48	60.55	6.14		60.0		
		Z	2.00	62.00	7.00		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	74.00	9.00	6.99	80.0	±2.3%	±9.6%
		Y	20.00	74.00	9.00		80.0		
		Z	46.00	80.00	11.00		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.04	129.13	0.30	3.98	95.0	±2.6%	±9.6%
		Y	0.01	122.70	0.54		95.0		
		Z	0.15	138.67	0.27		95.0		
10355	Pulse Waveform (200Hz, 60%)	Х	6.10	159.99	15.25	2.22	120.0	±1.6%	±9.6%
		Y	11.68	159.01	1.42		120.0		
	•	Z	7.52	159.93	26.81		120.0		
10387	QPSK Waveform, 1 MHz	X	0.55	63.98	12.78	1.00	150.0	±4.1%	±9.6%
		Y	0.61	63.87	12.40		150.0		
		Z	0.65	65.33	13.63		150.0		
10388	QPSK Waveform, 10 MHz	X	1.35	66.17	14.16	0.00	150.0	±1.1%	±9.6%
		Y	1.37	65.47	14.01		150.0		
		Z	1.45	66.65	14.64		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.56	63.45	15.51	3.01	150.0	±1.2%	±9.6%
		Y	1.58	63.43	15.69		150.0		
		Z	1.61	63.81	15.92		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.81	66.27	15.15	0.00	150.0	±1.8%	±9.6%
		Y	2.84	65.87	15.01		150.0		
		Z	2.89	66.38	15.30		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.94	66.56	15.59	0.00	150.0	±3.2%	±9.6%
1		Y	4.03	66.18	15.53		150.0		
		Z	4.04	66.59	15.72		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 Page 5).

B Linearization parameter uncertainty for maximum specified field strength.

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

Parameters of Probe: EX3DV4 - SN:7308

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
х	9.7	70.04	33.64	2.26	0.00	4.90	0.19	0.00	1.00
у	11.7	87.00	34.96	3.06	0.00	4.90	0.09	0.02	1.00
Z	10.6	77.10	34.04	2.40	0.00	4.90	0.18	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-9.9°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

Parameters of Probe: EX3DV4 - SN:7308

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6	55.0	0.75	17.37	17.37	17.37	0.00	1.00	±13.3%
13	55.0	0.75	16.59	16.59	16.59	0.00	1.00	±13.3%
750	41.9	0.89	9.94	9.94	9.94	0.64	0.80	±11.0%
835	41.5	0.90	9.21	9.21	9.21	0.59	0.80	±11.0%
1750	40.1	1.37	8.53	8.53	8.53	0.35	0.86	±11.0%
1900	40.0	1.40	8.29	8.29	8.29	0.34	0.86	±11.0%
2300	39.5	1.67	8.10	8.10	8.10	0.32	0.90	±11.0%
2450	39.2	1.80	7.96	7.96	7.96	0.35	0.90	±11.0%
2600	39.0	1.96	7.56	7.56	7.56	0.41	0.90	±11.0%

^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.

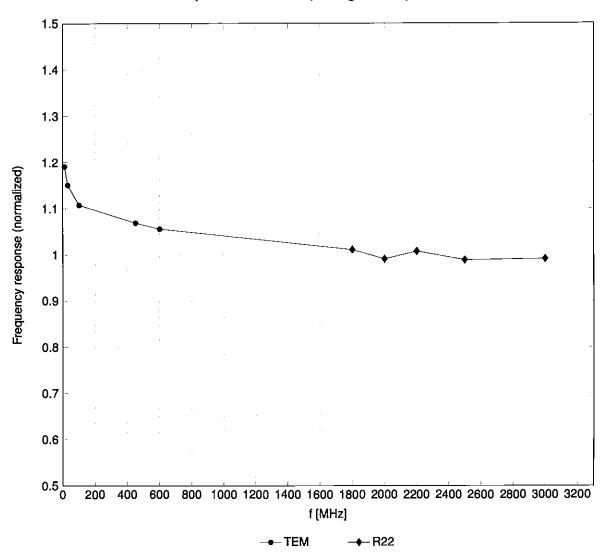
F The probes are calibrated using issue simulating liquids (TSL) that deviate for ε and σ by less than ±5% from the target values (typically better than ±3%)

and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

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.

Frequency Response of E-Field

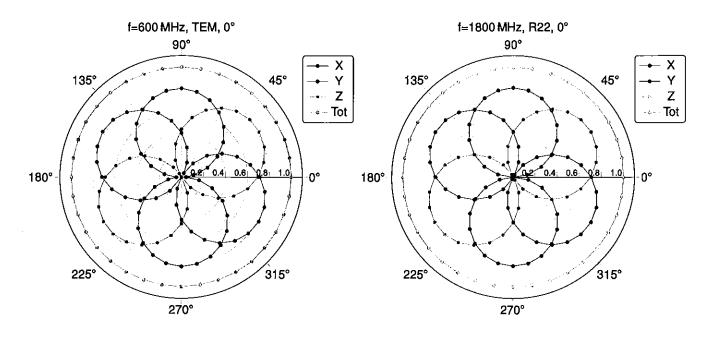
(TEM-Cell:ifi110 EXX, Waveguide:R22)

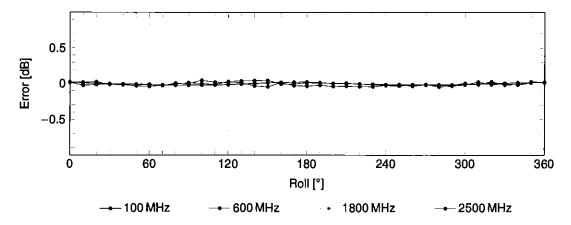


Uncertainty of Frequency Response of E-fleld: $\pm 6.3\%$ (k=2)

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

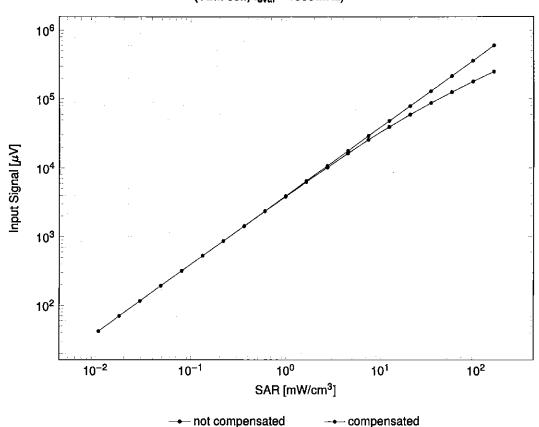


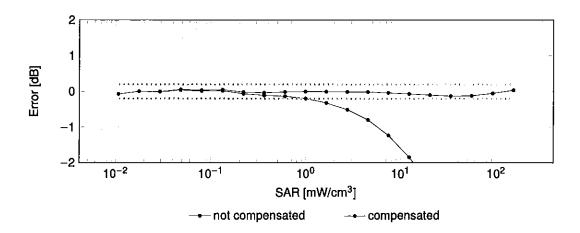


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

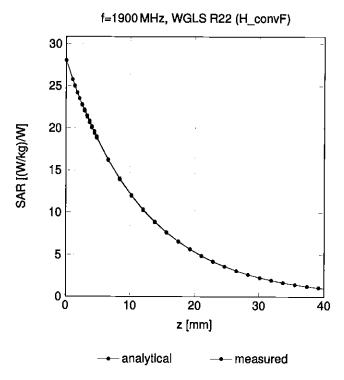
(TEM cell, $f_{eval} = 1900\,\text{MHz})$



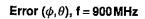


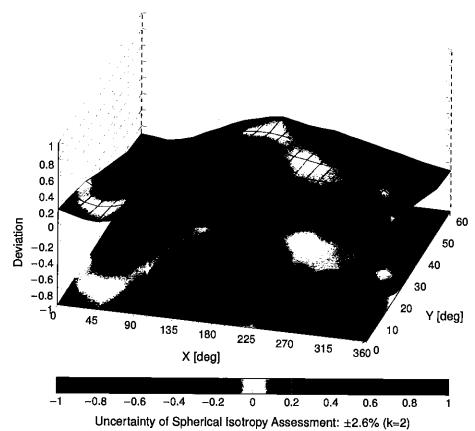
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid





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Appendix: Modulation Calibration Parameters

QIŲ	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
0	1	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 WiFl 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) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth Bluetooth	4.53	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)		3.83 8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth Bluetooth	4,77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.77	±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 WiFl 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	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802,11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/n WiFl 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802,11g WiFl 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 10077	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) CDMA2000 (1xRTT, RC3)	WLAN	11.00	±9.6
10081	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	CDMA2000	3.97	±9.6
10002	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	AMPS	4.77	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	6.56	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6 ±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	5.60	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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10112 CAH	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10116 CAE REES 02.11 (ptf (Prosemide, 13 Mbps, BPSI)	10112	CAH	<u></u>	•		
10115 CAE REE 802 IT IN (FT Greenfeld, 31 Mipps, 16-QAM)	10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10116 CAF LEEF B02.11n (HT Greenfield, 159Mbps, 84-OAM) W.AN 8.07 19.6	10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
1911 CAE REES 80211n (FTM Word, 13 Mipps, BPSK)		CAE		WLAN	8.46	±9.6
1911 CAE EEE 802.11 In (FT Nixod, 31 Mbps, 16-CAM)						
10119 CAF IEEE 802.11 ft Third Nord, 158 Mhps, 64-CAM) LTE-FDD 6.93 4.95						
1914 CAF LTE-FDD (SC-PDMA, 100% RB, 15MHz, 16-CAM) LTE-FDD (S.53						
10141 CAP LTE-POD (SC-PDMA, 100% RB, 15MHz, 64-CAM)						
19142 CAP LTE-FDD (SC-PDMA, 109% RB, 34Mz, QPSM)						
10145 CAP LITE-FDD (SC-PDMA, 100% RB, 3MHz, 19-CAM)						
1914						
10146 CAG LIFE-PID (SC-PDMA, 100% RB, 14 MHz, 10-CAM)		_		,		
10146 CAG LTE-FDD (SC-FDMA, 100% RB, 14 MHz, 16-CAM) LTE-FDD 6.41 ±9.8						
10149 CAR LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-CAM)						
10150 CAF LTE-FDD (SC-FDMA, 50% RB, 20MHz, G-GAM) LTE-FDD 9.28 9.56	10147	CAG	<u> </u>			
10151 CAH LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-CAM) LTE-TDD 9.28 9.56	10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10152 CAH LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-CAM) LTE-TDD 10.05 19.6	10150	CAF		LTE-FDD	6.60	±9.6
19155 CAH	10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9,28	±9.6
19156 CAH LTE-FDD (SC-FDMA, 50% RB, 10MHz, 16-DAM) LTE-FDD 6.75 49.6		CAH		LTE-TDD	9.92	±9.6
10155 CAH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16 CAM) LTE-FDD 6.79 19.6 10157 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16 CAM) LTE-FDD 6.89 19.6 10157 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16 CAM) LTE-FDD 6.80 19.6 10158 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16 CAM) LTE-FDD 6.60 19.6 10159 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64 CAM) LTE-FDD 6.60 19.6 10159 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64 CAM) LTE-FDD 6.60 19.6 10159 CAH LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64 CAM) LTE-FDD 6.62 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64 CAM) LTE-FDD 6.63 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64 CAM) LTE-FDD 6.64 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64 CAM) LTE-FDD 6.62 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64 CAM) LTE-FDD 6.62 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 678K) LTE-FDD 6.21 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 678K) LTE-FDD 6.21 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 678K) LTE-FDD 6.21 19.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 678K) LTE-FDD 6.27 19.8 10170 CAF LTE-FDD (SC-FDMA, 18, 20 MHz, 64 CAM) LTE-FDD 6.79 19.8 10170 CAF LTE-FDD (SC-FDMA, 18, 20 MHz, 64 CAM) LTE-FDD 6.79 19.8 10170 CAF LTE-FDD (SC-FDMA, 18, 20 MHz, 64 CAM) LTE-FDD 6.82 19.6 10171 CAF LTE-FDD (SC-FDMA, 18, 20 MHz, 64 CAM) LTE-FDD 6.82 19.6 10172 CAH LTE-TDD (SC-FDMA, 18, 20 MHz, 64 CAM) LTE-FDD 6.82 19.6 10173 CAH LTE-TDD (SC-FDMA, 18, 20 MHz, 64 CAM) LTE-FDD 6.82 19.6 10174 CAH LTE-TDD (SC-FDMA, 18, 20 MHz, 64 CAM) LTE-FDD 6.82 19.6 10176 CAH LTE-FDD (SC-FDMA, 18, 80 MHz, 64 CAM) LTE-FDD 6.82 19.6 10176 CAH LTE-FDD (SC-FDMA, 18, 80 MHz, 64 CAM) LTE-FDD 6.82 19.6 10176 CAH LTE-FDD (SC-FDMA, 18, 80 MHz, 64 CAM) LTE-FDD 6.82 19.6 10176 CAH LTE-FDD (SC-FDMA, 18, 80 MHz, 64 CAM)			` <u></u>			
10156 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 10-SMM) LTE-FDD 6.99 49.6						
19167 CAH ITE-FDD (SC-FDMA, 50% RB, 5MHz, 64-OAM) ITE-FDD 6.82 19.6			, , , , , , , , , , , , , , , , , , , ,			
10158 CAH LTE-FDD (SC-FDMA, 50% RB, 10MHz, 64-CAM) LTE-FDD 6.82 ±9.6 10169 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-CAM) LTE-FDD 6.56 ±9.8 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-CAM) LTE-FDD 6.58 ±9.6 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-CAM) LTE-FDD 6.43 ±9.6 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-CAM) LTE-FDD 6.58 ±9.8 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-CAM) LTE-FDD 6.40 ±9.6 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 14MHz, 16-CAM) LTE-FDD 6.21 ±9.6 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 14MHz, 16-CAM) LTE-FDD 6.21 ±9.6 10169 CAG LTE-FDD (SC-FDMA, 50% RB, 14MHz, 16-CAM) LTE-FDD 6.79 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 16% CAM) LTE-FDD 6.52 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-FDD 6.52 ±9.6 10171 CAF LTE-FDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-FDD 6.52 ±9.6 10172 CAF LTE-FDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-FDD 6.52 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-FDD 6.49 ±9.6 10174 CAH LTE-TDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-TDD 9.21 ±9.6 10175 CAH LTE-TDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-TDD 9.21 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-TDD 10.25 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 178, 20MHz, 16-CAM) LTE-FDD 10.25 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 178, 10MHz, 16-CAM) LTE-FDD 10.25 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 178, 10MHz, 16-CAM) LTE-FDD 5.72 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 178, 10MHz, 16-CAM) LTE-FDD 5.72 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 178, 10MHz, 16-CAM) LTE-FDD 5.72 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 178, 10MHz, 16-CAM) LTE-FDD 5.72 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 178, 10MHz, 16-CAM) LTE-FDD 5.73 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 178, 10MHz, 16-CAM) LTE-FDD 6.50 ±9.6 10183 CAE LTE-FDD (SC						
10159 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-CAM) LTE-FDD 5.66 49.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 18-CAM) LTE-FDD 5.82 49.6 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 18-CAM) LTE-FDD 6.43 49.6 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 18-CAM) LTE-FDD 6.58 49.6 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-CAM) LTE-FDD 6.58 49.6 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 14MHz, 64-CAM) LTE-FDD 6.21 49.6 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 14MHz, 18-CAM) LTE-FDD 6.21 49.6 10169 CAF LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.79 49.6 10169 CAF LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 5.73 49.6 10170 CAF LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.52 49.6 10171 CAF LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.52 49.6 10172 CAH LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.54 49.6 10173 CAH LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.59 49.6 10174 CAH LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.59 49.6 10175 CAH LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.59 49.6 10176 CAH LTE-FDD (SC-FDMA, 18-2 MHz, 64-CAM) LTE-FDD 6.50 49.6 10177 CAJ LTE-FDD (SC-FDMA, 18-3 MHz, 64-CAM) LTE-FDD 6.50 49.6 10178 CAH LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10179 CAH LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10179 CAH LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10179 CAH LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10179 CAH LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10180 CAH LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10181 CAF LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10182 CAF LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50 49.6 10183 CAF LTE-FDD (SC-FDMA, 18-5 MHz, 6-CAM) LTE-FDD 6.50						
10161 CAF		_				
10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 18-QAM) LTE-FDD 6.43 ±9.6						
10162 CAF		 _ : 	· · · · · · · · · · · · · · · · · · ·			
10166 CAG ITE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 0FSK) ITE-FDD 5.46 19.6 10167 CAG ITE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) ITE-FDD 6.27 19.8 10168 CAG ITE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) ITE-FDD 5.73 19.6 10168 CAF ITE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) ITE-FDD 5.73 19.6 10170 CAF ITE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) ITE-FDD 6.52 19.6 10171 AAF ITE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) ITE-FDD 6.52 19.6 10172 CAH ITE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) ITE-FDD 9.21 19.6 10173 CAH ITE-FDD (SC-FDMA, 1 RB, 20 MHz, 26-QAM) ITE-FDD 9.21 19.6 10173 CAH ITE-TDD (SC-FDMA, 1 RB, 20 MHz, 26-QAM) ITE-FDD 9.24 19.6 10174 CAH ITE-TDD (SC-FDMA, 1 RB, 20 MHz, 26-QAM) ITE-FDD 10.25 19.6 10175 CAH ITE-FDD (SC-FDMA, 1 RB, 10 MHz, 26-QAM) ITE-FDD 10.25 19.6 10176 CAH ITE-FDD (SC-FDMA, 1 RB, 10 MHz, 26-QAM) ITE-FDD 5.72 19.6 10177 CAJ ITE-FDD (SC-FDMA, 1 RB, 10 MHz, 26-QAM) ITE-FDD 5.72 19.6 10177 CAJ ITE-FDD (SC-FDMA, 1 RB, 10 MHz, 20 CAM) ITE-FDD 6.52 19.6 10178 CAH ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.52 19.6 10179 CAH ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.52 19.8 10179 CAH ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.52 19.8 10180 CAH ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.52 19.8 10180 CAH ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.52 19.8 10181 CAF ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.52 19.6 10181 CAF ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.52 19.6 10182 CAF ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) ITE-FDD 6.50 19.6 10182 CAF ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) ITE-FDD 6.50 19.6 10183 CAE ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) ITE-FDD 6.50 19.6 10183 CAE ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) ITE-FDD 6.50 19.6 10183 CAE ITE-FDD (SC-FDMA, 1 RB, 5 MHz, 6						
10167 CAG ITE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)			· · · · · · · · · · · · · · · · · · ·			
10169 CAF	10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	
10170 CAF	10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10171 AAF		CAF		LTE-FDD	5.73	±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-CAM) LTE-TDD 9.48 ±9.6 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-CAM) LTE-TDD 10.25 ±9.6 10175 CAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-CAM) LTE-FDD 6.52 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-FDD 5.73 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-FDD 6.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-FDD 6.50 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-FDD 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-FDD 6.50 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-FDD 6.50 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-FDD 6.50 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 0PSK) LTE-FDD 6.50 ±9.6 1		<u> </u>	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)		6.52	±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, 18-QAM) LTE-FDD 6.52 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 18-QAM) LTE-FDD 6.52 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.52 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.50 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 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 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.50 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10186 CAF 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 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10189 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, 8PSK) WLAN 8.12 ±9.6 10195 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK) WLAN 8.10 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK) WLAN 8.11 ±9.6 10197 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK) WLAN 8.13 ±9.6 10122 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK) WLAN 8.13					6.49	±9.6
10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 10.25 ±9.6						
10175 CAH						
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, QPSK) LTE-FDD 6.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 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, 64-QAM) LTE-FDD 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±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 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, QPSK) LTE-FDD 6.50 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, G4-QAM) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10190 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) ULAN 8.09 ±9.6 10191 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10195 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10197 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10199 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.03 ±9.6 10221 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.06 ±9.6 10222 CAE LEEE 802.11n (HT M						
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 ±9.8 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, 15 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, QPSK) LTE-FDD 6.50 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 ±9.6 10186 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, 16-QAM) LTE-FDD 6.51 ±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, QPSK) LTE-FDD 5.73 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10190 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10191 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10193 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10194 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10195 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10196 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10197 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10198 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10199 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10190 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10191 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD GPSK) LTE-FDD GPSK) LTE-FDD GPSK						
10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 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, 5MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK) LTE-FDD 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK) LTE-FDD 6.52 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, QPSK) LTE-FDD 6.50 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, QPSK) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10193 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10195 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10197 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10199 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10190 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10220 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10221 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.16 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.16 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (
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 ±9.8 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, 3 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 ±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 10186 CAF 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 6.50 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.52 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10193 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, GAAM) WLAN 8.12 ±9.6 10195 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.11 ±9.6 10196 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10197 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10198 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10199 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10220 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10221 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE						
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, 64-QAM) LTE-FDD 6.50 ±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 6.50 ±9.6 10189 AAG 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 CAE IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAE IEEE 802.11n (HT Greenfield, 6.5 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 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM) WLAN 8.13 ±9.6 10198 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10199 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10220 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10221 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, 84-QAM) WLAN 8.13 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, 84-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, 84-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, 84-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, 84-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6 10223 CAE IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.4			<u> </u>		-	
10181 CAF			, , , , , , , , , , , , , , , , , , ,			
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, 0PSK) 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 5.73 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10199 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10199 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM) WLAN 8.11						
10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 5.73 ±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 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE LEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAE LEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 65 Mbps, BPSK) WLAN 8.10 ±9.6 10197 CAE LEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10199 CAE LEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10200 CAE LEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.03 ±9.6 10221 CAE LEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 90						
10184 CAF	10183	AAE				
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 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM) WLAN 8.21 ±9.6 10196 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10197 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM) WLAN 8.13 ±9.6 10198 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.03 ±9.6 10219 CAE IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.13 <td>10184</td> <td>CAF</td> <td>LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)</td> <td></td> <td>5.73</td> <td></td>	10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)		5.73	
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 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE 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, 39 Mbps, 16-QAM) WLAN 8.10 ±9.6 10197 CAE IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10198 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10219 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10220 CAE IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27<				LTE-FDD	6.51	±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 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE 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 CAE IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ±9.6 10198 CAE IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ±9.6 10219 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAE IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10221 CAE IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27						±9.6
10189 AAG 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 CAE 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 CAE IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ±9.6 10198 CAE IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ±9.6 10219 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAE IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10221 CAE IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27 ±9.6 10223 CAE IEEE 802.11n (HT Mixed, 90 Mbps,			<u> </u>			
10193 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE 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 CAE IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ±9.6 10198 CAE IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ±9.6 10219 CAE IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAE IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10221 CAE IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAE IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.27 ±9.6 10223 CAE IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48			· · · · · · · · · · · · · · · · · · ·			
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10222 CAE IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAE IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6	10221	CAE				
1 1	10222	CAE	iEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN		
10224 CAE IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) WLAN 8.08 ±9.6					8.48	±9.6
	10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

UID Rev Communication System Name Group PAR (dl 10225 CAC UMTS-FDD (HSPA+) WCDMA 5.97 10226 CAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD 9.49) Unc ^E k = 2 ±9.6 ±9.6
10220 CAC [ETE-TDD (30-FDMA, 1 AB, 1.4 MHz, 10-QAM)	
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 CAH LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-TDD 9.21	±9.6
10235 CAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD 9.48	±9.6
10236 CAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD 10.25	±9.6
10237 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, 15MHz, 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, 15MHz, QPSK) LTE-TDD 9.20	±9.6
10256 CAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96	±9.6
10257 CAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08	±9.6
10258 CAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34	±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, 5MHz, 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, 5MHz, 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, 15MHz, 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 3.98	±9.6
10277 CAA PHS (QPSK) PHS 11.81	±9.6
10278 CAA PHS (QPSK, BW 884 MHz, Rolloff 0.5) PHS 11.81	±9.6
10279 CAA PHS (QPSK, BW 884 MHz, Rolloff 0.38) PHS 12.18	±9.6
10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91	±9.6
10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46	±9.6
10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39	±9.6
10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50	±9.6
10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49	±9.6
10297 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 10303 AAA IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC) WiMAX 12.52	±9.6
	±9.6
10304 AAA IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC) WiMAX 11.86 10305 AAA IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WiMAX 15.24	±9.6
10305 AAA IEEE 802.169 WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) WIMAX 15.24 10306 AAA IEEE 802.169 WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols) WIMAX 14.67	±9.6 ±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE 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 WiFl 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	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 5,22	±9.6 ±9.6
10388	AAA	QPSK Waveform, 10 MHz 64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10396	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10399	AAA	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	Generic WLAN	8.37	±9.6
10400	AAF	IEEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	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	AAD	IEEE 802.11a/h WiFl 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	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	WLAN LTE-FDD	8.41 8.28	±9.6
10430	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10431	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	· · · · · · · · · · · · · · · · · · ·	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, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FOD	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	AAD	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 (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82 8.30	±9.6 ±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	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	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
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32 8.57	±9.6
10473	AAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 10-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.57	±9.6
10478	AAC	LTE-TDD (SC-FDMA, 1 NB, 20 MRA, 04-QAM, 0E Subitante=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.18	±9.6
10480	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
10481	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,6,9)	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=2,3,4,7,6,9)	LTE-TDD	8.31	±9.6
10499	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.54	±9.6
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10491	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
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.55	±9.6
10493	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10494	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-TOD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1,4MHz, 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-TOD	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-TOD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	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-TOD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	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
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG		LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duly cycle)	WLAN	1.58	±9.6
10516	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WiFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAD	IEEE 802.11ac WiFl (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAD	IEEE 802.11ac WiFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6
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10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	Group WLAN	8.46	±9.6
10541	AAD	IEEE 802.11ac WiFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802.11ac WIFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802,11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAD	IEEE 802.11ac WIFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WiFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WiFl (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563 10564	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25 8.45	±9.6 ±9.6
10566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFl 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 WiFl 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581 10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10583	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 8.59	±9.6 ±9.6
10584	AAD	IEEE 802.11a/h WiFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAD	IEEE 802.11a/h WiFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597 10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle) IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.50 8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.62	±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WiFl (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k=2
10609	AAD	IEEE 802.11ac WiFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAD	IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAD	IEEE 802.11ac WiFl (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAD	IEEE 802.11ac WiFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAD	IEEE 802.11ac WiFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAD	IEEE 802,11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAD	IEEE 802.11ac WiFl (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAD	IEEE 802.11ac WiFl (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAD	IEEE 802.11ac WiFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAD	IEEE 802.11ac WiFl (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAD	IEEE 802.11ac WiFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAE	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAE	IEEE 802.11ac WiFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639 10640	AAE	IEEE 802.11ac WiFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN WLAN	8.98	±9.6
10642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06 9.06	±9.6
10643	AAE	IEEE 802.11ac WiFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAE	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, 10MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	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 10679	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) IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN WLAN	8.62	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83 8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6 ±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6
. 5000		(as (as in a) mass, sope out) show		3.20	10.0

10887 AAC IEEE 802.11 xx (20 MHz, MCSS, 99pc duly cycle)	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
1988 AAC IEEE 892-11 x (20 MHz, MCSS, 99pc duly cycle)				•	<u> </u>	
1988 ACC IEEE 802-11 at (20 MHz, MCSR, 99pc duly cycle)						
10891 AC EEE 802.11xx (20MHz, MCSS, 89e only cycle) W.A.A. 8.25 4.9.5 10892 AC EEE 802.11xx (20MHz, MCSS), 89e only cycle) W.A.A. 8.25 2.9.8 10893 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.25 2.9.8 10894 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.25 2.9.8 10895 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.27 2.9.8 10895 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.91 2.9.8 10897 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.91 2.9.8 10897 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.91 2.9.8 10897 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.91 2.9.8 10898 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.91 2.9.8 10898 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.91 2.9.8 10898 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.91 2.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.73 19.6 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.73 19.6 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.73 19.6 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.82 2.9.8 10708 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.82 2.9.8 10708 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.82 2.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.82 2.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.92 4.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.82 4.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.94 4.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.95 4.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle) W.A.A. 8.96 4.9.8 10707 AC EEE 802.11xx (20MHz, MCSI), 89e only cycle)	10689	AAC		WLAN	8.55	±9.6
108987 AAC IEEE 802.11xx (2014thz, MCSS), 95pc dayl cycle)	10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
1989 AC EEE 802.11ax (20MHz, MCS10, 99bc duly cycle)	10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
19994 AC EEE 802.11ax (2014hts, MCS1. 1990 othry cycle) W.A.M. 8.77 4.9.8			IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)		_	-
10898 AAC				<u> </u>		
16989 AAC EEEE 802.111x (do Mirt, MCSS, 90pc duty cycle) W.I.A.N 6.81 1.96 1.						
1989 ACC EEE 802.111x (40 MHz, MCS2, 90pc duty cycle)				ļ		
1989 AAC EEE 802.1118 (JOHNE, MCSS, 1900 duly cycle)						
10699 A.C. IEEE 802.11ax (ADMHz, MSS, 80pc duty grole)					!	
10700 AAC IEEE 002.111ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.78 9.96 10702 AAC IEEE 002.111ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.70 9.96 10702 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.70 9.96 10703 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.52 9.95 10704 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.56 9.95 10705 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.68 9.95 10706 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.68 9.95 10708 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.58 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.38 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.38 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.38 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.38 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.38 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.39 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.39 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.39 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.39 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.39 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.39 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.39 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.49 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.49 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.49 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc duty cycle) WLAN 8.49 9.95 10707 AAC IEEE 002.11ax (40 MHz, MCSS, 90pc du						
10701 ACC IEEE 802.11ax (40 MHz, MCSS, 80pc duly cycle) WLAN 8.86 ±9.6						
19702 AAC IEEE 802.11ax (40 MHz, MCSR) 900 duly grole)						
10703 AAC IEEE 802.11ax (40 MHz, MCS8, 90pc duly grole) WLAN 8.86 9.8 10705 AAC IEEE 802.11ax (40 MHz, MCS8, 90pc duly grole) WLAN 8.56 9.8 10705 AAC IEEE 802.11ax (40 MHz, MCS10, 90pc duly grole) WLAN 8.56 9.8 10706 AAC IEEE 802.11ax (40 MHz, MCS10, 90pc duly grole) WLAN 8.56 9.8 10707 AAC IEEE 802.11ax (40 MHz, MCS1, 90pc duly grole) WLAN 8.56 9.8 10707 AAC IEEE 802.11ax (40 MHz, MCS1, 90pc duly grole) WLAN 8.55 19.8 10708 AAC IEEE 802.11ax (40 MHz, MCS3, 90pc duly grole) WLAN 8.25 19.8 10708 AAC IEEE 802.11ax (40 MHz, MCS3, 90pc duly grole) WLAN 8.25 19.8 10707 AAC IEEE 802.11ax (40 MHz, MCS3, 90pc duly grole) WLAN 8.29 19.6 10710 AAC IEEE 802.11ax (40 MHz, MCS3, 90pc duly grole) WLAN 8.29 19.8 10712 AAC IEEE 802.11ax (40 MHz, MCS5, 90pc duly grole) WLAN 8.29 19.8 10712 AAC IEEE 802.11ax (40 MHz, MCS5, 90pc duly grole) WLAN 8.67 19.8 10713 AAC IEEE 802.11ax (40 MHz, MCS5, 90pc duly grole) WLAN 8.67 19.8 10714 AAC IEEE 802.11ax (40 MHz, MCS5, 90pc duly grole) WLAN 8.26 19.8 10716 AAC IEEE 802.11ax (40 MHz, MCS5, 90pc duly grole) WLAN 8.26 19.8 10716 AAC IEEE 802.11ax (40 MHz, MCS5, 90pc duly grole) WLAN 8.26 19.8 10716 AAC IEEE 802.11ax (40 MHz, MCS9, 90pc duly grole) WLAN 8.26 19.8 10718 AAC IEEE 802.11ax (40 MHz, MCS9, 90pc duly grole) WLAN 8.26 19.8 10718 AAC IEEE 802.11ax (40 MHz, MCS9, 90pc duly grole) WLAN 8.27 19.8 10718 AAC IEEE 802.11ax (40 MHz, MCS1, 90pc duly grole) WLAN 8.27 19.8 10719 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duly grole) WLAN 8.27 19.8 10719 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duly grole) WLAN 8.27 19.8 10729 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duly grole) WLAN 8.27 19.8 10729 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duly grole) WLAN 8.27 19.8 10729 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duly gr						
19705 AAC IEEE 802.11 ax (40 MHz, MCS10, 90pc duty cycle) WLAN 8.69 4.9.6 19.6 19.7076 AAC IEEE 802.11 ax (40 MHz, MCS11, 90pc duty cycle) WLAN 8.32 4.9.6 19.7076 AAC IEEE 802.11 ax (40 MHz, MCS1, 90pc duty cycle) WLAN 8.32 4.9.6 19.7076 AAC IEEE 802.11 ax (40 MHz, MCS1, 90pc duty cycle) WLAN 8.32 4.9.6 19.7076 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.33 4.9.6 19.7076 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.23 4.9.6 19.7071 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.33 4.9.6 19.711 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.39 4.9.6 19.712 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.67 4.9.6 19.713 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.67 4.9.6 19.714 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.28 4.9.8 19.715 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.28 4.9.8 19.715 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.28 4.9.8 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.20 4.9.8 19.8 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.21 4.9.8 19.8 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.24 4.9.8 19.8 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.24 4.9.8 19.8 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.21 4.9.8 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.27 4.9.6 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.27 4.9.6 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.27 4.9.6 19.717 AAC IEEE 802.11 ax (40 MHz, MCS2, 90pc duty cycle) WLAN 8.27 4.9.6 19.717 AAC IEEE 802.11 ax (80 MHz, MCS2, 90pc duty cycle) WLAN 8.27 4.9.6 19.717 AAC IEEE 802.					8.82	
10706 ACC IEEE 802.11 tax (40 MHz, MCS1, 190pc duly cycle) WLAN 8.86 ±9.6 10707 ACC IEEE 802.11 tax (40 MHz, MCS1, 95pc duly cycle) WLAN 8.25 ±9.5 10708 ACC IEEE 802.11 tax (40 MHz, MCS1, 95pc duly cycle) WLAN 8.25 ±9.8 10708 ACC IEEE 802.11 tax (40 MHz, MCS1, 95pc duly cycle) WLAN 8.23 ±9.6 10709 ACC IEEE 802.11 tax (40 MHz, MCS2, 95pc duly cycle) WLAN 8.29 ±9.6 10711 ACC IEEE 802.11 tax (40 MHz, MCS2, 95pc duly cycle) WLAN 8.29 ±9.6 10712 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.39 ±9.6 10712 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.33 ±9.8 10713 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.33 ±9.8 10713 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.33 ±9.8 10714 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.26 ±9.6 10716 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.26 ±9.6 10716 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.26 ±9.6 10716 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.26 ±9.6 10716 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.26 ±9.6 10716 ACC IEEE 802.11 tax (40 MHz, MCS3, 95pc duly cycle) WLAN 8.26 ±9.6 10718 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.27 ±9.6 10720 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.27 ±9.6 10721 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.27 ±9.6 10721 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.27 ±9.6 10722 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.27 ±9.6 10723 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.27 ±9.6 10723 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.26 ±9.6 10724 ACC IEEE 802.11 tax (80 MHz, MCS1, 95pc duly cycle) WLAN 8.26 ±9.6 107	10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
19707 AAC IEEE 802.11ax (40 MHz, MCS0, 98pc duly cycle) WLAN 8.32 49.6	10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
19706 AAC					8.66	±9.6
10709 AAC IEEE 802.11ax (40 MHz, MCS2, 99p oduly cycle) WLAN 8.29 19.6 10711 AAC IEEE 802.11ax (40 MHz, MCS3, 99p oduly cycle) WLAN 8.39 19.6 10712 AAC IEEE 802.11ax (40 MHz, MCS5, 99p oduly cycle) WLAN 8.39 19.6 10713 AAC IEEE 802.11ax (40 MHz, MCS5, 99p oduly cycle) WLAN 8.31 19.6 10713 AAC IEEE 802.11ax (40 MHz, MCS5, 99p oduly cycle) WLAN 8.33 19.6 10714 AAC IEEE 802.11ax (40 MHz, MCS5, 99p oduly cycle) WLAN 8.33 19.6 10716 AAC IEEE 802.11ax (40 MHz, MCS7, 99p oduly cycle) WLAN 8.36 19.8 10716 AAC IEEE 802.11ax (40 MHz, MCS7, 99p oduly cycle) WLAN 8.36 19.8 10716 AAC IEEE 802.11ax (40 MHz, MCS7, 99p oduly cycle) WLAN 8.30 19.6 10717 AAC IEEE 802.11ax (40 MHz, MCS7, 99p oduly cycle) WLAN 8.30 19.6 10718 AAC IEEE 802.11ax (40 MHz, MCS7, 99p oduly cycle) WLAN 8.30 19.6 10719 AAC IEEE 802.11ax (40 MHz, MCS7, 99p oduly cycle) WLAN 8.44 19.6 10719 AAC IEEE 802.11ax (80 MHz, MCS7, 90p oduly cycle) WLAN 8.41 19.6 10720 AAC IEEE 802.11ax (80 MHz, MCS7, 90p oduly cycle) WLAN 8.81 19.6 10721 AAC IEEE 802.11ax (80 MHz, MCS2, 90p oduly cycle) WLAN 8.87 19.6 10721 AAC IEEE 802.11ax (80 MHz, MCS2, 90p oduly cycle) WLAN 8.76 19.6 10722 AAC IEEE 802.11ax (80 MHz, MCS2, 90p oduly cycle) WLAN 8.76 19.6 10722 AAC IEEE 802.11ax (80 MHz, MCS2, 90p oduly cycle) WLAN 8.76 19.6 10724 AAC IEEE 802.11ax (80 MHz, MCS2, 90p oduly cycle) WLAN 8.76 19.6 10725 AAC IEEE 802.11ax (80 MHz, MCS3, 90p oduly cycle) WLAN 8.70 19.6 10726 AAC IEEE 802.11ax (80 MHz, MCS3, 90p oduly cycle) WLAN 8.70 19.6 10726 AAC IEEE 802.11ax (80 MHz, MCS3, 90p oduly cycle) WLAN 8.70 19.6 10726 AAC IEEE 802.11ax (80 MHz, MCS3, 90p oduly cycle) WLAN 8.70 19.6 10727 AAC IEEE 802.11ax (80 MHz, MCS3, 90p oduly cycle) WLAN 8.64 19.6 10738 AAC IEEE 802.11ax (80 MHz, MCS3, 90p oduly						
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10721 AAC		AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10722 AAC IEEE 802.11ax (80 MHz, MCS3, 90pc duly cycle) WLAN 8.55 ±9.6		AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
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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, MCS5, 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 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS9, 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, MCS11, 99pc duty cycle) WLAN 8.43 ±9.6 10742 AAC IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	10731	AAC		WLAN	8.42	
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, MCS5, 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 8.42 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.49 ±9.6 10741 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6 10742 AAC IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) WLAN 8.40 ±9.6 10743 AAC IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) WLAN 8.43 ±9.6 10744 AAC IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	10732	AAC		WLAN	8.46	±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, MCS1, 90pc duty cycle) WLAN 8.94 ±9.6 10744 AAC IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle) WLAN 8.93 ±9.6 10745 AAC IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) WLAN 9.91 ±9.6 10746 AAC	10733				8.40	±9.6
10736 AAC IEEE 802.11ax (80 MHz, MCSS, 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, MCS10, 99pc duty cycle) WLAN 8.43 ±9.6 10743 AAC IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) WLAN 8.94 ±9.6 10744 AAC IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) WLAN 8.94 ±9.6 10745 AAC IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) WLAN 9.16 ±9.6 10746 AAC IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) WLAN 8.93 ±9.6 10747 AAC IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) WLAN 9.11 ±9.6 10748 AAC IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) WLAN 9.04 ±9.6 10749 AAC IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) WLAN 8.93 ±9.6 10749 AAC IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) WLAN 8.90 ±9.6 10750 AAC IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) WLAN 8.90 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN	10734					
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, MCS1, 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 9.91 ±9.6 10746 AAC IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) WLAN 9.04 ±9.6 10749 AAC IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) WLAN 8.93 ±9.6 10750 AAC <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td>					_	
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10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duly cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duly cycle) WLAN 8.48 ±9.6 10741 AAC IEEE 802.11ax (80 MHz, MCS10, 99pc duly cycle) WLAN 8.40 ±9.6 10742 AAC IEEE 802.11ax (80 MHz, MCS11, 99pc duly cycle) WLAN 8.43 ±9.6 10743 AAC IEEE 802.11ax (160 MHz, MCS0, 90pc duly cycle) WLAN 8.94 ±9.6 10744 AAC IEEE 802.11ax (160 MHz, MCS1, 90pc duly cycle) WLAN 9.16 ±9.6 10745 AAC IEEE 802.11ax (160 MHz, MCS2, 90pc duly cycle) WLAN 8.93 ±9.6 10746 AAC IEEE 802.11ax (160 MHz, MCS3, 90pc duly cycle) WLAN 9.11 ±9.6 10747 AAC IEEE 802.11ax (160 MHz, MCS4, 90pc duly cycle) WLAN 9.04 ±9.6 10748 AAC IEEE 802.11ax (160 MHz, MCS5, 90pc duly cycle) WLAN 8.93 ±9.6 10750 AAC IEEE 802.11ax (160 MHz, MCS6, 90pc duly cycle) WLAN 8.79 ±9.6 10751 AAC </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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 10750 AAC IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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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 10749 AAC IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) WLAN 8.90 ±9.6 10750 AAC IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6						
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10749 AAC JEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) WLAN 8.90 ±9.6 10750 AAC JEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC JEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6	10747			WLAN	9.04	±9.6
10750 AAC IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) WLAN 8.79 ±9.6 10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6	10748					±9.6
10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6						
10792 1400 1555 002.118X (100 MHZ, MO39, 900C 0019 Cycle) WLAN 8.81 ±9.6						
	10/52	AAU	IEEE OUZ. I IBX (160 MHZ, MC59, 900C OUTY CYCLE)	WLAN	8.81	∓8'Q

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6 ±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.49 8.58	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	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	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02 8.23	±9.6
10772 10773	AAE AAF	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.23	±9.6
10774	AAF	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	ĀAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAE	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	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783 10784	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.31 8.29	±9.6 ±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAE	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	AAE AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.82 7.84	±9.6 ±9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806 10809	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.37 8.34	±9.6 ±9.6
10809	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAE AAF	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.39 8.41	±9.6 ±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	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 (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.66 7.68	±9.6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	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	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.36 8.34	±9.6
10859	AAF	5G NR (CP-OFDM, 100% AB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.34	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	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, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAF	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 (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.61 6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	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 10885	AAE AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 1 AB, 50 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.61 6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±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, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	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	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAC	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	AAC AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAC	5G NR (DFT-S-OFDM, 1 RB, 25 MHz, QPSK, 30 KHz) 5G NR (DFT-S-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68 5.68	±9.6 ±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	AAC	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	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAC	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	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAC	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 (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82 5.84	±9.6 ±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% NB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	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	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6 ±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.90 5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	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, QP\$K, 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	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAD	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	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.92 8.25	±9.6
10952	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	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAC	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	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAC AAB	5G NR DL (CP-OFDM, 1M 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	9.37 9.55	±9.6
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6 ±9.6
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAD	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

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10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DŁ (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AĀĀ	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802,11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kallbrierdienst

Service suisse d'étalonnage

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S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Cllent

Element Morgan Hill, USA Certificate No.

EX-7639_Sep24

CALIBRATION CERTIFICATE

Object |

EX3DV4 - SN:7639

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6

QA CAL-25.v8

Calibration procedure for doslmetric E-field probes

Calibration date

September 09, 2024

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) ℃ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-3.5 (welghted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-660_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349_Jun24)	Jun-25

Secondary Standards	ID	Check Date (In house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (In house check Oct-22)	In house check: Oct-24

Name

Function

Slanature

Calibrated by

Joanna Lieshaj

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: September 09, 2024

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

Certificate No: EX-7639_Sep24

Page 1 of 21

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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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 modulation dependent linearization parameters

Polarization φ φ rotation around probe axis

Polarization θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is

normal to probe axis

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

Calibration is Performed According to the Following Standards:

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

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization ∂ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This 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 ≤ 800 MHz) and inside wavegulde 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).

EX3DV4 - SN:7639

Parameters of Probe: EX3DV4 - SN:7639

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m)²) A	0.66	0.64	0.61	±10.1%
DCP (mV) B	109.5	110.6	109.9	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
			dB	dB√μV		dB	m۷	dev.	Unc ^E
				, -		ł	1	-	k = 2
0	cw	[X	0.00	0.00	1.00	0.00	140.3	±1.7%	±4.7%
!		Υ	0.00	0.00	1.00		122.1	1	1
		Z	0.00	0.00	1.00		134.4	1	ĺ
10352	Pulse Waveform (200Hz, 10%)	X	1.74	61.63	6.97	10.00	60.0	±3.7%	±9.6%
	İ	Υ	1.78	61.88	7.31		60.0	1	
L		Z	1.71	61.11	6.85		60.0	1	i
10353	Pulse Waveform (200Hz, 20%)	X	0.87	60.00	5.15	6.99	80.0	±2.6%	±9.6%
		Y	0.85	60.00	5.44		80.0	1	
		Z	0.96	60.00	5.41		80.0	1	
10354	Pulse Waveform (200Hz, 40%)	X	0.47	60.00	4.21	3.98	95.0	±1.5%	±9.6%
		Y	4.00	68.00	7.00		95.0	1	
		Z	0.56	60.00	4.60		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	14.37	146.59	2.08	2.22	120.0	±2.1%	±9.6%
		Υ	13.91	143.37	1.94		120.0		
		Z	15.45	138.68	0.04		120.0		
10387	QPSK Waveform, 1 MHz	X	0.62	62.87	11.52	1.00	150.0	±4.0%	±9.6%
		Y	0.53	61.76	10.48		150.0		
		Z	0.56	62.18	11.37		150.0		
10388	QPSK Waveform, 10 MHz	X	1.35	64.76	13.26	0.00	150.0	±1.4%	±9.6%
		Y	1.24	63.94	12.50		150.0		
		Z	1.30	64.54	13.22	Ì	150.0		
10396	64-QAM Waveform, 100 kHz	X	1.73	64.51	15.72	3.01	150.0	±0.9%	±9.6%
		Y	1.73	64.53	15.55		150.0		
		Z	1.66	63.88	15.39	İ	150.0		
10399	64-QAM Waveform, 40 MHz	X	2.85	65.93	14.72	0.00	150.0	±2.0%	±9.6%
		Y	2.75	65.55	14.38	ļ	150.0		
		Z	2.79	65.70	14.65	j	150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.88	65.65	14.97	0.00	150.0	±3.7%	±9.6%
		Y	3.77	65.44	14.74	Ì	150.0	ļ	
		Z	3.78	65.43	14.88	ļ	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 E 2 -field uncertainty inside TSL (see Page 5).

E Uncertainties of Norm A,T,Z do not allect the E field strength.

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

Parameters of Probe: EX3DV4 - SN:7639

Sensor Model Parameters

	C1 fF	C2 fF	ν-1	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
Х	11.2	79.12	31.81	5.18	0.00	4.90	0.46	0.00	1.00
у	10.4	73.32	31.82	5.30	0.00	4.94	0.53	0.00	1.00
Z	10.8	75.70	31.73	8.35	0.00	4.90	0.42	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-82.8°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

Parameters of Probe: EX3DV4 - SN:7639

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 ^H (k = 2)
750	41.9	0.89	9.70	9.86	10.79	0.33	1.27	±11.0%
835	41.5	0.90	9.52	9.68	10.58	0.34	1.27	±11.0%
1750	40.1	1.37	8.05	8.19	8.95	0.34	1.27	±11.0%
1900	40.0	1.40	7.72	7.84	8.58	0.34	1.27	±11.0%
2300	39.5	1.67	7.79	7.92	8.66	0.34	1.27	±11.0%
2450	39.2	1.80	7.43	7.55	8.26	0.34	1.27	±11.0%
2600	39.0	1.96	7.35	7.47	8.17	0.34	1.27	±11.0%
3500	37.9	2.91	6.51	6.62	7.24	0.35	1.27	±13.1%
3700	37.7	3.12	6.50	6.61	7.23	0.35	1.27	±13.1%
3900	37.5	3.32	6.34	6.44	7.04	0.35	1.27	±13.1%

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

The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than ±5% from the target values (typically better than ±3%)

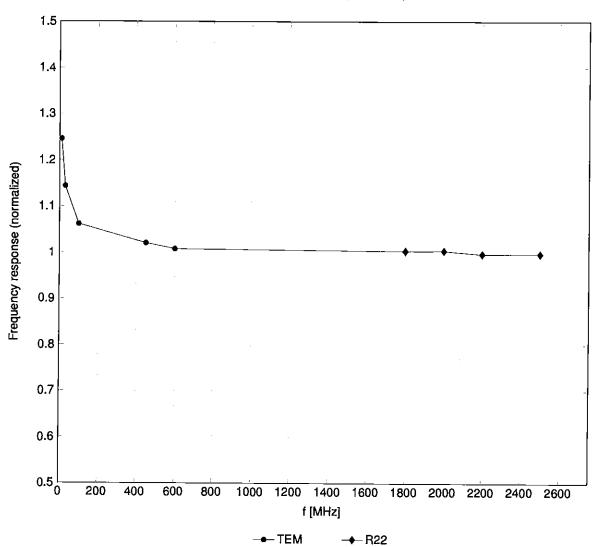
and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

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.

 $^{^{\}rm H}$ The stated uncertainty is the total calibration uncertainty (k=2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

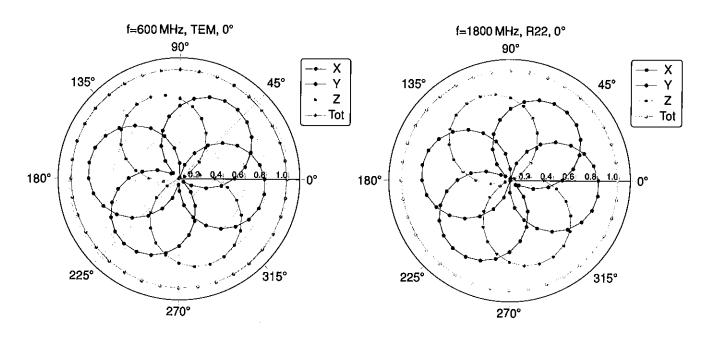
Frequency Response of E-Field

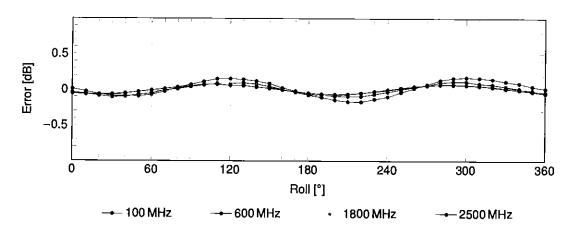
(TEM-Cell:Ifi110 EXX, Wavegulde:R22)



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

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

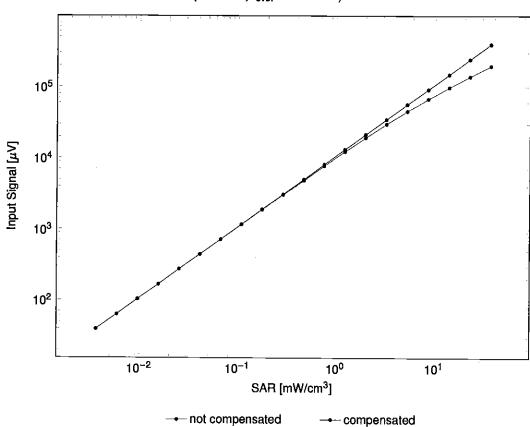


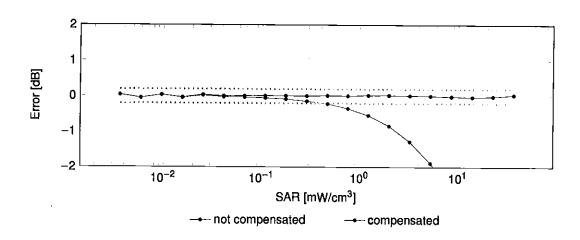


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

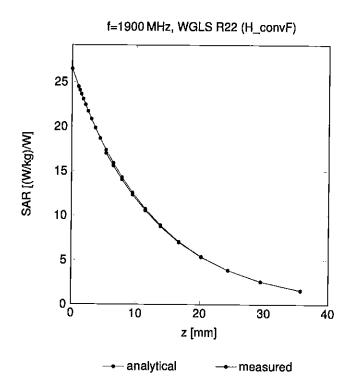
(TEM cell, $f_{evel} = 1900\,\text{MHz})$



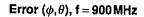


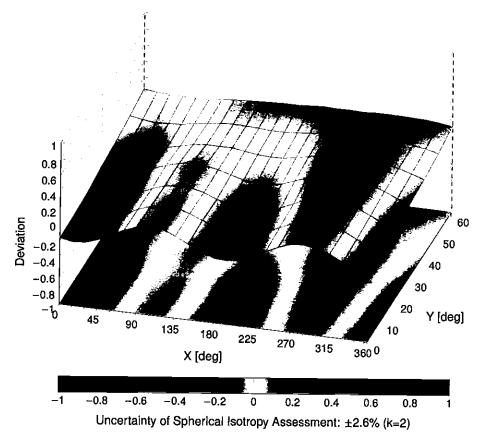
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid





EX3DV4 - SN:7639 September 09, 2024

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	ÇAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 602.15.1 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) IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.77	±9.6
10038	CAB	CDMA2000 (1xRTT, RC1)	Bluetooth	4.10	±9.6
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Hallrate)	CDMA2000	4.57	±9.6
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	7.78	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	AMPS	0.00	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	13.80	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	10.79	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	11.01	±9.6 ±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	6.52	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.12	±9.6
10061	CAB	IEEE 802.11b WiFl 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAE	IEEE 802.11a/h WIFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	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)	WLĀN	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) EDGE-FDD (TDMA, 8PSK, TN 0-4)	WCDMA	3.98	±9.6
10100	CAF		GSM	9.55	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.42	±9.6
10102	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOD	9.29	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOD	9.97	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD LTE-FDD	10.01	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	5.80	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	6.43 5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FOD	6.44	±9.6
		garantee a recovery one may be seemy	FILIDO	0.44	±9.6

Certificate No: EX-7639_Sep24

UID	Rev	Communication System Name		D4 D (4D)	1 11 - F (
10112		_ 	Group	PAR (dB)	Unc ^E k = 2
10113			LTE-FDD	6.59	±9.6
10114			LTE-FDD	6.62	±9.6
10115			WLAN	8.10	±9.6
10116			WLAN	8.46 8.15	±9.6 ±9.6
10117			WLAN	8.07	±9.6
10118		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	WLAN	8.59	±9.6
10119			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	5.76	±9.6
10146	CAG		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	9.28	±9.6
10152	ÇAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	ÇAH	The second control of the second	LTE-FDD	5.75	±9.6
10155	CAH		LTE-FOD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FOD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	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, 1.4MHz, 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	CAH	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 (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	9.48	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	10.25	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	5.72	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	6.52	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.73	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)		6.52	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	6.50 5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6 ±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.52	±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-FOD	6.52	±9.6
10189	AAG	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	CAE	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	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11π (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	_ ±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

UID	Rev	Communication System Name	Crave	DAD (dD)	11E /- A
10225			Group WCDMA	PAR (dB) 5.97	Unc ^E k = 2 ±9.6
10226	_		LTE-TDD	9.49	±9.6
10227	CAC		LTE-TDD	10.26	±9.6
10228	CAC		LTE-TDD	9.22	±9.6
10229	CAE		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	9.48	±9.6
10233	CAH		LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9.21	±9.6
10235	CAH		LTE-TDD	9.48	±9.6
10236	CAH		LTE-TDD	10.25	±9.6
10237	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	ÇAH	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-TOD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±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
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.23	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	9.92	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	10.07	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	9.30	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOD	10.06	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	10.13	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	9.58	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.4)	WCDMA	4.87	±9.6
10277	CAA	PHS (QPSK)	PHS	3.96	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.40	±9.6 ±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	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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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 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 WiFl 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	AAE	IEEE 802.11a WiFl 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	AAF	IEEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	IEEE 802.11ac WiFl (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 WiFl 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFl 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	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, 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, 15MHz, 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-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, 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-FOD	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	AAD	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
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10465	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
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468		LIE TOD (CC EDMA 1 DD EMILE 10 OAM LIL OUNGE AG 17 OAM	LTC TOD	0.00	±9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	10.0
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6

UID	Rev	Communication System Name		DAD (JD)	IIIEr o
10472	AAG	Communication System Name LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Group LTE-TDD	PAR (dB)	Unc ^E k = 2
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57 7.82	±9.6
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-TOD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-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	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±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 (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, GFSK, OL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, 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 (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD LTE-TDD	8.37 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-TOD	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
10 505	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, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duly cycle)	WLAN	1.58 1.57	±9.6 ±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mops, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802.11ac WiFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527 10528	AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN WLAN	8.29	±9.6
10534	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.38	±9.6
10535	AAD	IEEE 802.11ac WiFl (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45 8.45	±9.6
10536	AAD	IEEE 802.11ac WiFl (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6 ±9.6
10537	AAD	IEEE 802.11ac WiFl (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAD	IEEE 802.11ac WiFI (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

LIID	Devr	Communication Custom Name		1	
UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542		((a a) a a la a a la a la a la a l	WLAN	8.65	±9.6
10543			WLAN	8.65	±9.6
10544		IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545		IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546		IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WiFl (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548		IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WiFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD		WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WiFl (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFl (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAE	IEEE 802.11ac WiFl (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	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFl 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 WiFl 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duly cycle)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6 ±9.6
10589	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9.6 ±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	
10 604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN		±9.6
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.97	±9.6
10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.64	±9.6
<u></u>			1857.114	8.77	±9.6

100900 AAD IEEE 802.11 to WIFL (20MHz, MCSS, 500 outry cycle)	LUIS	I Bass	One-way-leading Gustava Name			- - -
100101 AAD IEEE 802 Take WHF 20 MHz, MCSS, 200c aluty cycle)	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
19011 ADD IEEE BOOLT INE WIFE (20MHz, MCSS, 1900 day cycle) WLAN 6.77 19.6						
16013 AAD IEEE 800.211aw WIFE (20 MHz, MCSS, 1990 otuly cycle) WLAN 6.94 19.6						
100151 AAD IEEE 802.11ae Wife (20 MHz, MCSS, 900c suly cycle) W.AN 8.94 19.6						_
10915 AAD	<u> </u>					
1905 AAD IEEE 802.11 to Wirt (A) MHz, MCS9, Obpc duty cycle) WLAN 8.82 49.6 19.6						
10917 AAD IEEE 802 11ae Will (ADME), MCSD, 90pc duty cycle) WLAN 8.52 199.6						
19081 AAD IEEE 802.11ac Will (ADMHz, MCS); gopc daty cycle) WLAN 8.56 19.6		_				
					+	
10929 AAD					+	
19626 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 80 pc duly cycle) WIAAN 8,77 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 80 pc duly cycle) WIAAN 8,76 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 80 pc duly cycle) WIAAN 8,86 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,86 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,86 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,86 4,9.6 19625 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,86 4,9.6 19625 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,86 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,86 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,87 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,87 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,87 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,57 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,57 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,57 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,61 4,9.6 19622 AAD IEEE 802 1 tas WIF (40 MHA, MSSS, 90 pc duly cycle) WIAAN 8,61 4,9.6 19622 AAD IEEE 802 1 tas WIF (80 MHA, MSSS, 90 pc duly cycle) WIAAN 8,61 4,9.6 19622 AAD IEEE 802 1 tas WIF (80 MHA, MSSS, 90 pc duly cycle) WIAAN 8,63 4,9.6 19622 AAD IEEE 802 1 tas WIF (80 MHA, MSSS, 90 pc duly cycle) WIAAN 8,63 4,9.6 19622 AAD IEEE 802 1 tas WIF (80 MHA, MSSS, 90 pc duly cycle) WIAAN 8,63 4,9.6 19622 AAD IEEE 802 1 tas WIF (80 MHA,						
19622 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,69 19.6 19622 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,69 19.6 19624 AAD IEEE 802: Itse WIF! (40 MHz, MCSS, 90pc duty cycle) WLAN 8,80 19.6 19625 AAD IEEE 802: Itse WIF! (40 MHz, MCSS, 90pc duty cycle) WLAN 8,80 19.6 19626 AAD IEEE 802: Itse WIF! (40 MHz, MCSS, 90pc duty cycle) WLAN 8,80 19.6 19626 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,83 19.6 19626 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,83 19.6 19626 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,83 19.6 19626 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,87 19.8 19629 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,77 19.8 19629 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,72 49.8 19630 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,72 49.8 19630 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,72 49.8 19630 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,72 49.8 19630 AAD IEEE 802: Itse WIF! (60 MHz, MCSS, 90pc duty cycle) WLAN 8,72 49.8 19630 AAD IEEE 802: Itse WIF! (80 MHz, MCSS, 90pc duty cycle) WLAN 8,83 49.6 19633 AAD IEEE 802: Itse WIF! (80 MHz, MCSS, 90pc duty cycle) WLAN 8,83 49.6 19633 AAD IEEE 802: Itse WIF! (80 MHz, MCSS, 90pc duty cycle) WLAN 8,83 49.6 19633 AAD IEEE 802: Itse WIF! (80 MHz, MCSS, 90pc duty cycle) WLAN 8,83 49.6 19633 AAD IEEE 802: Itse WIF! (80 MHz, MCSS, 90pc duty cycle) WLAN 8,83 49.6 19633 AAD IEEE 802: Itse WIF! (80 MHz, MCSS, 90pc duty cycle) WLAN 8,83 49.6 19633 AAE IEEE 802: Itse WIF! (80 MHz, MCSS, 90pc duty cycle) WLAN 8,83 49.6 19634 AAE IEEE 802: Itse WIF! (160 MHz, MCSS, 90pc duty cycle						
190829 AAD						
1962a AAD						
10828 AAD		_				
10628 AAD		<u> </u>			·	
10622 AAD EEE 802.11ac WiFl (60 MHz, MCS), 90pc duty cycle) WLAN 8.83 49.6						
10022 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 43.6 10028 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 43.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.72 43.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.72 43.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 43.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 43.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 43.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.74 43.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.83 49.6 10039 AAD IEEE 802.11ac WiFl (80 MHz, MCSS, 90pc duty cycle) WLAN 8.83 49.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.83 49.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.83 49.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.83 49.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.83 49.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.86 16.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.86 16.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.86 16.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.86 4.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 8.86 4.6 10039 AAD IEEE 802.11ac WiFl (100 MHz, MCSS, 90pc duty cycle) WLAN 9.05 9.0					1	
190829 AAD						
10899 AAD			IEEE 902.11ac WIFI (90 MHz, MCS), 90pc duty cycle)			
10630 AAD						
10632 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WILAN 8.74 ±9.8			I IEEE 802 11ac WIEI (80 MHz, MCS4, 90ac dub, avala)			
10632 AAD						
10634 AAD IEEE 802.11ac WiFI (80 MHz, MCSF, 90pc duty cycle) WLAN 8.80 4.9.8 10834 AAD IEEE 802.11ac WiFI (80 MHz, MCSF, 90pc duty cycle) WLAN 8.81 4.9.8 10835 AAD IEEE 802.11ac WiFI (150 MHz, MCSF, 90pc duty cycle) WLAN 8.81 4.9.8 10836 AAE IEEE 802.11ac WiFI (150 MHz, MCSF, 90pc duty cycle) WLAN 8.63 4.9.8 10838 AAE IEEE 802.11ac WiFI (150 MHz, MCSF, 90pc duty cycle) WLAN 8.63 4.9.8 10838 AAE IEEE 802.11ac WiFI (150 MHz, MCSF, 90pc duty cycle) WLAN 8.65 4.9.8 10838 AAE IEEE 802.11ac WiFI (150 MHz, MCSF, 90pc duty cycle) WLAN 8.86 4.9.8 10838 AAE IEEE 802.11ac WiFI (150 MHz, MCSF, 90pc duty cycle) WLAN 8.86 4.9.8 10848 AAE IEEE 802.11ac WiFI (150 MHz, MCSF, 90pc duty cycle) WLAN 8.98 4.9.8 10842 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.06 4.9.6 10842 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.06 4.9.6 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.06 4.9.6 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle) WLAN 9.05 4.9.8 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCSF, 90pc duty cycle)						
10834 AAD						
10636 AAB IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.83 ±9.6						
10686 AAE		-				
10637 AAE						
10639 AAE						
10639			IFFE 802 11ac WiFi (160 MHz, MCS2, 90pc duty cycle)			
10640						
10641 AAE						
10842 AAE						
10643 AAE			IFEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)			
10644 AAE						
10645 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.11 ±9.6 10646 AAH LTE-TDD (SC-FDMA, 1 RB, SMHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ±9.6 10648 AAA 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, 1 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9.6 10653 AAF LTE-TDD (OFDMA, 1 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9.6 10654 AAE LTE-TDD (OFDMA, 1 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9.6 10655 AAF LTE-TDD (OFDMA, 1 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10659 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9.6 10659 AAB Pulse Waveform (200Hz, 20%) Test 10.00 ±9.6 10660 AAB Pulse Waveform (200Hz, 20%) Test 3.98 ±9.6 10660 AAB Pulse Waveform (200Hz, 60%) Test 3.98 ±9.6 10660 AAB Pulse Waveform (200Hz, 80%) Test 3.98 ±9.6 10660 AAB Pulse Waveform (200Hz, 80%) Test 2.22 ±9.6 10670 AAA Bluetoth Low Energy Bluetoth 2.19 ±9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.80 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)						
10646						
10647 AAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)						
10648 AAA CDMA2000 (1x Advanced)						
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, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9.6 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10656 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9.6 10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9.6 10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9.6 10660 AAB Pulse Waveform (200Hz, 60%) Test 3.98 ±9.6 10661 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9.6 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9.6 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9.6 10671 AAC EEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6 10673 AAC EEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 8.57 ±9.6 10673 AAC EEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9.6 10673 AAC EEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10675 AAC EEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC EEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC EEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC EEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC EEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC EEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC EEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10680 AAC EEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC EEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.80 ±9.6 10680 AAC EEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.80 ±9.6 1	_	AAA				
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10654 AAE LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)		AAF				
10655 AAF						
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 2.22 ±9.6 10663 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, MCS3, 90pc duty cycle) WLAN 8.90 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.60 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.62 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.33 ±9.6 10686 AAC IEEE 802.11ax (20 Mtz, McS1, 90p	10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Glipping 44%)			
10659 AAB	<u> </u>					
Test 3.98						
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, MCS3, 90pc duty cycle) WLAN 8.90 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.60 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.83 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.84 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.84 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.26 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.26 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.26 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.26 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc d						
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10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6		AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)			
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	10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±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	
10690		IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)			±9.6
10691	AAC		WLAN	8.29	±9.6
		IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692		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		
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)		8.91	±9.6
10698			WLAN	8.61	±9.6
	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699		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		
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)		8.82	±9.6
10705			WLAN	8.56	±9.6
	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)			
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.29	±9.6
10711			WLAN	8.39	±9.6
	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		
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)		8.48	±9.6
10719	AAC		WLAN	8.24	±9.6
		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		
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)		8.90	±9.6
10726	AAC		WLAN	8.74	±9.6
		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 602.11ax (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		
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)		8.42	±9.6
10732	AAC		WLAN	8.46	±9.6
		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 (60 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	
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)			±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
			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		
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)		8.93	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.11	±9.6
			WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN		
		, ,	*******	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10753			WLAN	9.00	±9.6
10754			WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757		IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758		IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759		IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760		IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.49	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.53	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.54 8.51	±9.6 ±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	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, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775 10776	AAF	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 (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34 8.42	±9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAE	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	AAE AAF	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10791	AAG	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.39	±9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92 7.95	±9.6
10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAF 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 (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.34	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35 8.35	±9.6
10818	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAF AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10020	nnu	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

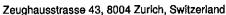
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830		5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAE	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	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	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	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10843	AAF	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
10846	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10854	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10856	AAE		5G NR FR1 TDD	8.36	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10858	AAE		5G NR FR1 TDD	8.35	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.34	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.41	±9.6
10863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.41	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR1 TDD	5.89	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)		8.38	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.57	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)		6.53	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.61	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65 7.78	±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, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	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	
10897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6 ±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	AAC	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	AAC	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	AAC	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	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAC	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, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
	'				20.0

10911 AAB 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5 10912 AAC 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5	(dB) Unc ^E k = ±9.6
10912 AAC 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5	.93 ±9.6
out in the second of the secon	
10913 AAD 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5	.84 ±9.6
	.84 ±9.6
	.85 ±9.6
	.83 ±9.6
10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5	.87 ±9.6
10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5	.94 ±9.6
10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5	.86 ±9.6
	.86 ±9.6
10000 140 1010 000 000 000 000 000 000 0	.87 ±9.6
10001 110	.84 ±9.6
	.82 ±9.6
4000 140 F0110 F0 F011	.84 ±9.6
JACON AND TONION OF STREET	.84 ±9.6
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Jacob Lab County	.84 ±9.6
Joseph Ann. Ho We (PH)	.94 ±9.6
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december 1 and 1 a	.52 ±9.6
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doce AAP GOAD POTT CONTINUE 51 ±9.6	
	90 ±9.6
	77 ±9.6
	90 ±9.6
	82 ±9.6
	89 ±9.6
	83 ±9.6
	85 ±9.6
	95 ±9.6
10944 AAD 5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.	81 ±9.6
10945 AAD 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.	
100F0 AAA FOAID DI YOU OFDIA TARK A JOHN ON DOLL JOHN	15 ±9.6
10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.5	
10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.	
10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.	
10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.5	
10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.6	
10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.3	
10960 AAE 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.3	
10961 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.3	
10000 AAD LOND DI OD OFFILITION AFILING A STATE OF THE ST	
10962 AAB 5G NR DL (CP-OFDM, 1M 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.4 10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.5	
10005 AAC FOAID DI (OD OPDIA TAGA ANALI)	
	
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10070 AAO FOUN OR OFFILE OR CAN AND COMMITTEE STATE OF THE	
Salenta Ibb 9.0	_
10079 AAA LIIIA DDD	
10978 AAA ULLA BDR ULLA 1.1	
10979 AAA ULLA HDR4 ULLA HDR9	
10980 AAA ULLA HDR8 ULLA 10.3	32 ±9.6
10981 AAA ULLA HDRp4 ULLA 3.1	
10982 AAA ULLA HDRp8 ULLA 3.4	3 ±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8,55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±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.

Schmid & Partner Engineering AG







S Schweizerischer Kallbrierdienst
Service suisse d'étalonnage
Servizio svizzero di taratura
S Swiss Callbration 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

Cllent

Element

Morgan Hill, USA

Certificate No.

EX-7427 Feb24

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7427

2/20/24

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

February 09, 2024

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 NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe EX3DV4	SN: 7349	03-Nov-23 (No. EX3-7349_Nov23)	Nov-24

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-22)	In house check: Oct-24

Name

Function

Signature

Calibrated by

Jeton Kastrati

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: February 09, 2024

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

Certificate No: EX-7427_Feb24

Page 1 of 21

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
Service suisse d'étalonnage
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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

Glossary

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

DCP diode compression point

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

Polarization φ φ rotation around probe axis

Polarization θ volation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is

normal to probe axis

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

Calibration Is Performed According to the Following Standards:

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

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

Methods Applied and Interpretation of Parameters:

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

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Parameters of Probe: EX3DV4 - SN:7427

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (<i>k</i> = 2)
Norm (μV/(V/m) ²) A	0.59	0.41	0.58	±10.1%
DCP (mV) B	97.2	99.0	98.5	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc ^E
									k = 2
0	cw	X	0.00	0.00	1.00	0.00	120.2	±1.0%	±4.7%
		Y	0.00	0.00	1.00		137.5		
		Z	0.00	0.00	1.00	<u> </u>	123.2		
10352	Pulse Waveform (200Hz, 10%)	X	2.72	66.37	10.26	10.00	60.0	±3.6%	±9.6%
	-	Y	2.81	67.29	10.96		60.0		
		Z	2.06	62.87	8.44		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	2.01	66.04	9.36	6.99	80.0	±2.4%	±9.6%
		Y	2.06	68.07	10.32		80.0		
		Z	1.34	61.76	7.18	1	80.0		
10354	Pulse Waveform (200Hz, 40%)	X	3.47	72.85	11.18	3.98	95.0	±1.2%	±9.6%
	, , , ,	Y	12.07	83.25	13.74	ĺ	95.0		
		Z	0.80	61.32	6.42	1	95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	88.92	15.44	2.22	120.0	±0.7%	±9.6%
	, , ,	Y	20.00	89.47	14.78	1	120.0	j	
		Z	0.72	63.63	7.18	1	120.0		
10387	QPSK Waveform, 1 MHz	X	1.83	67.86	16.03	1.00	150.0	±2.3%	±9.6%
	·	Y	1.44	65.16	13.95	ĺ	150.0	1	
		Z	1.70	66.30	15.20	ĺ	150.0	1	ł
10388	QPSK Waveform, 10 MHz	X	2.43	69.48	16.69	0.00	150.0	±1.1%	±9.6%
		Y	1.93	66.05	14.73	1	150.0	1	
		Z	2.25	68.10	15.88	1	150.0	1	
10396	64-QAM Waveform, 100 kHz	X	2.70	69.39	18.46	3.01	150.0	±1.1%	±9.6%
	·	Y	1.91	64.30	15.79	1	150.0	1	
		Z	2.33	66.80	17.10	1	150.0	1	
10399	64-QAM Waveform, 40 MHz	X	3.53	67.21	16.00	0.00	150.0	±1.2%	±9.6%
		Y	3.31	66.22	15.27	ĺ	150.0	1	
		Z	3.53	67.13	15.84	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.83	65.57	15.62	0.00	150.0	±2.5%	±9.6%
		Y	4.63	65.23	15.28	1	150.0	ĺ	
		Z	4.87	65.63	15.57	1	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 Page 5).

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.

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Parameters of Probe: EX3DV4 - SN:7427

Sensor Model Parameters

		C1 fF	C2 fF	α V ⁻¹	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
Γ	X	42.7	319.73	35.78	11.98	0.00	4.97	0.63	0.27	1.00
r	У	34.1	255.32	35.66	3.36	0.00	5.00	0.00	0.20	1.00
	Z	45.6	339.89	35.51	14.96	0.00	4.95	0.14	0.32	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-82.0°
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.

Parameters of Probe: EX3DV4 - SN:7427

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	8.35	9.19	9.73	0.35	1.27	±11.0%
835	41.5	0.90	8.32	9.13	9.51	0.35	1.27	±11.0%
1750	40.1	1.37	7.38	8.08	8.29	0.28	1.27	±11.0%
1900	40.0	1.40	7.22	7.99	8.17	0.32	1.27	±11.0%
2300	39.5	1.67	6.58	7.31	7.48	0.33	1.27	±11.0%
2450	39.2	1.80	6.47	7.19	7.33	0.31	1.27	±11.0%
2600	39.0	1.96	6.36	7.05	7.22	0.31	1.27	±11.0%
5250	35.9	4.71	4.73	5.26	5.35	0.38	1.53	±13.1%
5600	35.5	5.07	4.18	4.62	4.72	0.41	1.67	±13.1%
5750	35.4	5.22	4.35	4.78	4.93	0.38	1.84	±13.1%
5850	35.2	5.32	4.04	4.57	4.63	0.42	1.86	±13.1%

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

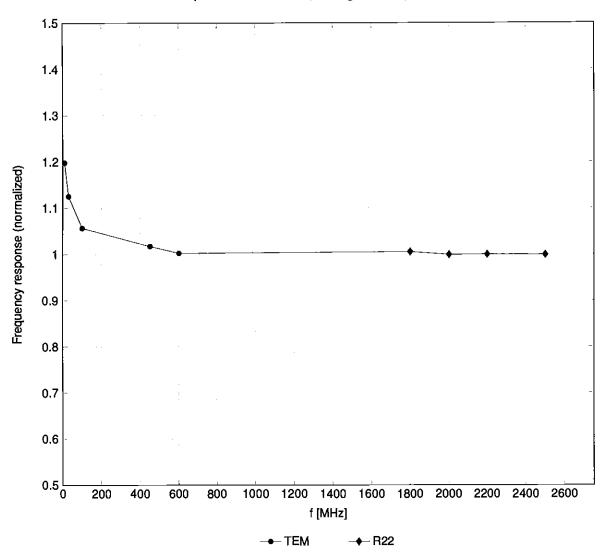
assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to \pm 110 MHz.

The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than \pm 5% from the target values (typically better than \pm 3%) and are valid for TSL with deviations of up to \pm 10% if SAR correction is applied.

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.

Frequency Response of E-Field

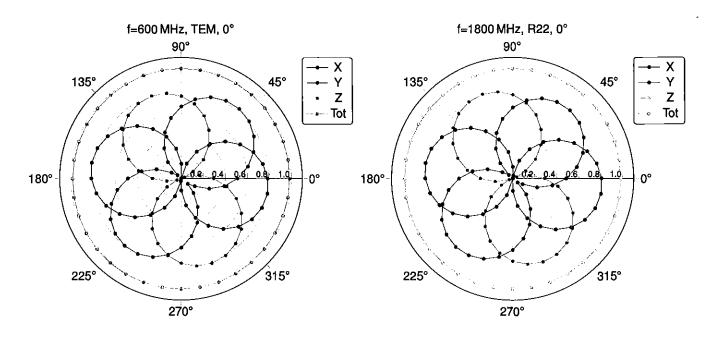
(TEM-Cell:ifi110 EXX, Waveguide:R22)

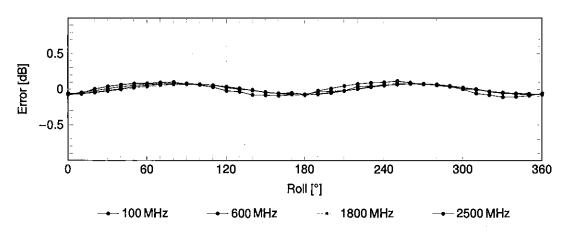


Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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

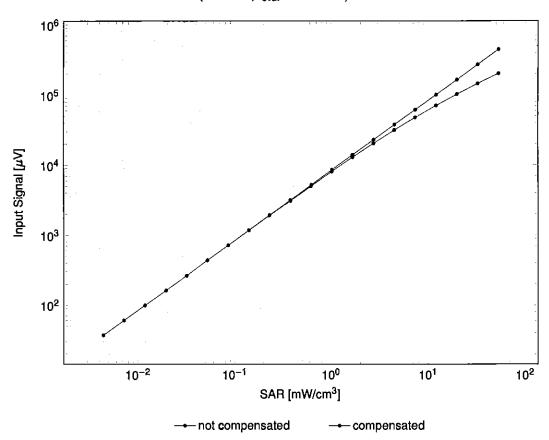


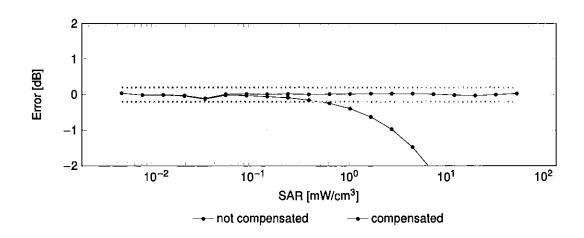


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

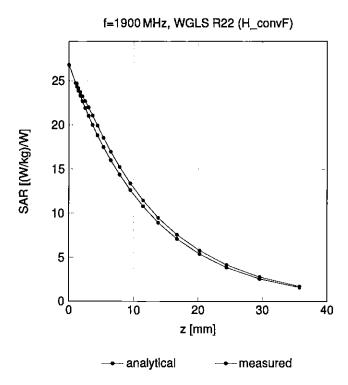
(TEM cell, $f_{eval} = 1900 MHz$)





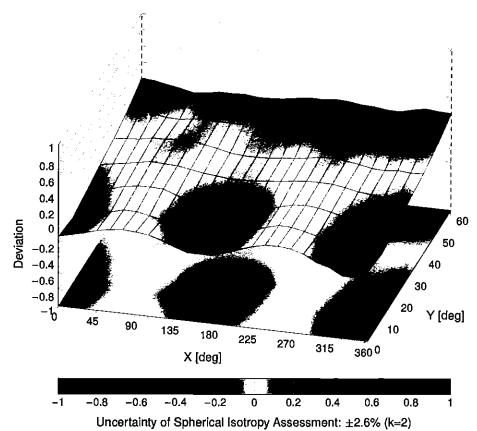
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ) , f = 900 MHz



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Appendix: Modulation Calibration Parameters

DID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
0.0	1104	CW CW	CW	0.00	±4,7
10010	ÇAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10010	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10011	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10012	CAB	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10013	DAC		GSM		±9.6
		GSM-FDD (TDMA, GMSK)		9.39	!
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12,62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	ÇAA	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
10 037	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	ÇAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Haifrate)	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	ÇAA	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
10 058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	ÇAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFl 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		±9.6
10062	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	3.60 8.68	±9.6
10062	CAE			1	
10064		IEEE 802.11a/h WiFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10 065	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFl 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 WiFl 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-TOD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10103	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD		
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)		6.43	±9.6
10110	CAH	<u></u>	LTE-FDD	5.75	±9.6
10111	UMI	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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10112 CAN	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10113 CAR IN-FADE (SC-POMA, 100% RB, SMHz, 64-CAM)			<u> </u>	<u> </u>		
10114 CAE REER 80.211 (PT Greenfold, SE Milor, 1950) 149.5 150.1 161.1 1			, , , , ,			
10116 CAE REE B02.11 (HT Greenfield, 138 Mbps, 64-CAM)		CAE		WLAN	8.10	±9.6
10117 CAE REE B02.11n (HT Mixed, 13 Mipps, 16 CAM)	10115	CAE	· · · · · · · · · · · · · · · · · · ·	<u> </u>	8.46	±9.6
10119 CAE BEE 802.11 in (FT News), 21 Note, 15 CAM)	10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10116 CAF IEEE BOZ.110 (FT Mixed. 138 MORP. B 4-GAM)	10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10140 CAF TKF-FDD (SCF-DMA, 1009-RB, 16MHz, 16-DAM) TKF-FDD (S. 32 8.98) 10142 CAF TKF-FDD (SCF-DMA, 1009-RB, 18MHz, GPSN) TKF-FDD (S. 32 8.98) 10142 CAF TKF-FDD (SCF-DMA, 1009-RB, 3MHz, GPSN) TKF-FDD (S. 32 8.98) 10142 CAF TKF-FDD (SCF-DMA, 1009-RB, 3MHz, 16-DAM) TKF-FDD (S. 32 8.98) 10142 CAF TKF-FDD (SCF-DMA, 1009-RB, 3MHz, 16-DAM) TKF-FDD (S. 32 8.98) 10145 CAG TKF-FDD (SCF-DMA, 1009-RB, 3MHz, 16-DAM) TKF-FDD (S. 42 8.98) 10146 CAG TKF-FDD (SCF-DMA, 1009-RB, 14MHz, 19-SN) TKF-FDD (S. 42 8.98) 10149 CAG TKF-DD (SCF-DMA, 1009-RB, 14MHz, 19-SN) TKF-FDD (S. 42 8.98) TKF-DD (SCF-DMA, 1009-RB, 14MHz, 19-SNM) TKF-FDD (S. 42 8.98) TKF-DD (SCF-DMA, 1009-RB, 14MHz, 19-SNM) TKF-FDD (S. 42 8.98) TKF-DD (SCF-DMA, 509-RB, 20MHz, 19-SNM) TKF-FDD (S. 42 8.98) TKF-DD (SCF-DMA, 509-RB, 20MHz, 19-SNM) TKF-FDD (S. 42 8.98) TKF-DD (SCF-DMA, 509-RB, 20MHz, 19-SNM) TKF-FDD (S. 42 8.98) TKF-DD (SCF-DMA, 509-RB, 20MHz, 19-SNM) TKF-DD (S. 42 8.98) TKF-DD (SCF-DMA, 509-RB, 20MHz, 19-SNM) TKF-DD (SCF-DMA, 509-RB, 10MHz, 10-SNM) TKF-DD (SCF-DMA, 509-RB,	10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10141 CAF LTE-FDD (SC-PDMA, 100% RB, 15MHz, 64-CAM)	10119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10142 CAF L'TE-FDD (SC-POMA, 100% RB, 34M*L, (PSM) L'TE-FDD (SC-POMA, 100% RB, 14M*L, (PSM) L'TE-FDD (SC-POMA, 500% RB, 20M*L, (PSM) L'TE-FDD (SC-POMA, 500% RB, 30M*L, (PSM) L'TE-FDD	10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10143 CAP LTE-FDD (SC-PDMA, 100% RB, 3MHz, 16-OAM) LTE-FDD S. 28.5 ±9.8 10145 CAP LTE-FDD (SC-PDMA, 100% RB, 14MHz, GPSK) LTE-FDD S. 28. ±9.8 10145 CAP LTE-FDD (SC-PDMA, 100% RB, 14MHz, GPSK) LTE-FDD S. 28. ±9.8 10146 CAP LTE-FDD (SC-PDMA, 100% RB, 14MHz, GPSK) LTE-FDD S. 28. ±9.8 10147 CAP LTE-FDD (SC-PDMA, 100% RB, 14MHz, GPSK) LTE-FDD S. 22. ±8.6 10149 CAP LTE-FDD (SC-PDMA, 50% RB, 14MHz, GPSK) LTE-FDD S. 22. ±8.6 10149 CAP LTE-FDD (SC-PDMA, 50% RB, 20MHz, 16-OAM) LTE-FDD S. 20. ±9.8 10140 CAP LTE-FDD (SC-PDMA, 50% RB, 20MHz, 16-OAM) LTE-FDD S. 20. ±9.8 10151 CAP LTE-FDD (SC-PDMA, 50% RB, 20MHz, 16-OAM) LTE-FDD S. 20. ±9.8 10152 CAP LTE-FDD (SC-PDMA, 50% RB, 20MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10153 CAP LTE-FDD (SC-PDMA, 50% RB, 20MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10154 CAP LTE-FDD (SC-PDMA, 50% RB, 20MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10155 CAP LTE-FDD (SC-PDMA, 50% RB, 20MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10156 CAP LTE-FDD (SC-PDMA, 50% RB, 10MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10157 CAP LTE-FDD (SC-PDMA, 50% RB, 10MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10158 CAP LTE-FDD (SC-PDMA, 50% RB, 10MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10159 CAP LTE-FDD (SC-PDMA, 50% RB, 5MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10159 CAP LTE-FDD (SC-PDMA, 50% RB, 5MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10159 CAP LTE-FDD (SC-PDMA, 50% RB, 5MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10150 CAP LTE-FDD (SC-PDMA, 50% RB, 15MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10151 CAP LTE-FDD (SC-PDMA, 50% RB, 15MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10151 CAP LTE-FDD (SC-PDMA, 50% RB, 15MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10151 CAP LTE-FDD (SC-PDMA, 50% RB, 15MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10151 CAP LTE-FDD (SC-PDMA, 50% RB, 15MHz, 64-OAM) LTE-FDD S. 20. ±9.8 10151 CAP	10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.53	±9.6
19144 CAP LTE-FDD (SC-FDM, 1907, RB, 3MHz, 64-OAM)		CAF	TTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FDD	5.73	±9.6
10145 CAG LTE-FDD (SC-PDMA, 1998, RB, 14MFz, 19CAM) LTE-FDD 5.76 ±9.8	10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	
1946 CAG ITE-FDD SC-FDMA, 190% RB, 14 MHz, 16-CAM)		CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FOD		
1914 CAG LTE-FDD (SC-FDMA, 100% RB, 1AMHz, 64-CAM) LTE-FDD 6.42 29.8						
1914 APF LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-CAM)			<u> </u>		!	
1915 CAP LTE-FDD (SC-FDMA, 50%, RB, 20MHz, GPSK) LTE-FDD 6.60 ±8.8			· · · · · · · · · · · · · · · · · · ·		1	
1915 CAH			, , , , , , , , , , , , , , , , , , , ,			
19152 CAH LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-CAM) LTE-TDD 9.92 9.96 19.8 19.			<u> </u>			
19153 CAH LTE-TDD SC-FDNA, 50% RB, 20MHz, GPSK) LTE-TDD 10.05 5.75 9.6				.	<u> </u>	
10155 CAH LTE-FDD (SC-FDMA, 50% RB, 10MHz, 10-CAM) LTE-FDD CAS			· · · · · · · · · · · · · · · · · · ·			
10155 CAH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16 CAM) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD (SC-FDMA, 50% RB, 14 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 14 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-CAM) LTE-TDD (SC-FDMA, 18 MHz, 64-CAM) LTE-FDD (SC-FDMA, 18 MHz, 64-				+		
10156 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM) LTE-FDD 6.79 19.8				<u> </u>		
10157 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 6-CAM) LTE-FDD 6.49 4.9.6 10158 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-CAM) LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-CAM) LTE-FDD (SC-FDMA, 50% RB, 14MHz, 64-CAM) LTE-FDD (SC-FDMA, 50% RB, 14MHz, 16-CAM) LTE-FDD (SC-FDMA, 18B, 20MHz, 64-CAM) LTE-TDD (SC-FDMA, 18B, 20MHz, 64-CAM) LTE-FDD (SC-FDMA, 18B, 30MHz, 64-CAM) LTE-FDD (SC-FDMA, 18B, 30						
10158 CAH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-CAM) LTE-FDD 6.62 49.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 55 MHz, 84-CAM) LTE-FDD 6.56 49.6 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 55 MHz, 64-CAM) LTE-FDD 6.58 49.6 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-CAM) LTE-FDD 6.63 49.6 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-CAM) LTE-FDD 6.58 49.8 10166 CAG LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-CAM) LTE-FDD 6.58 49.8 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM) LTE-FDD 5.46 49.6 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM) LTE-FDD 6.79 49.6 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM) LTE-FDD 6.79 49.6 10169 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM) LTE-FDD 6.79 49.6 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 6.79 49.6 10171 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 6.52 49.6 10171 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 6.52 49.6 10172 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 6.49 49.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 6.49 49.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 6.49 49.6 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 6.52 49.6 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 10.25 49.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 10.25 49.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-CAM) LTE-FDD 10.25 49.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 10-CAM) LTE-FDD 5.72 49.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 10-CAM) LTE-FDD 5.52 49.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 10-CAM) LTE-FDD 5.52 49.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 10-CAM) LTE-FDD 5.50 49.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 10-CAM)					ļ <u> </u>	
10150 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-CAM) LTE-FDD 5.52 ±9.6 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, CPSK) LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD 6.58 ±9.6 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD 6.58 ±9.6 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD 6.58 ±9.6 10166 CAG LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 64-CAM) LTE-FDD 6.58 ±9.6 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 64-CAM) LTE-FDD 6.21 ±9.6 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 64-CAM) LTE-FDD 6.79 ±9.6 10168 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 64-CAM) LTE-FDD 6.79 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 18, 20 MHz, 64-CAM) LTE-FDD 6.79 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 18, 20 MHz, 64-CAM) LTE-FDD 6.52 ±9.6 10171 CAF LTE-FDD (SC-FDMA, 18, 20 MHz, 64-CAM) LTE-FDD 6.52 ±9.6 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-CAM) LTE-FDD 6.52 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-CAM) LTE-FDD 6.52 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-CAM) LTE-FDD 6.52 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-CAM) LTE-FDD 6.52 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 62 KA) LTE-FDD 6.52 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.52 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.52 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.52 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.52 ±9.6 10177 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 6-CAM) LTE-FDD 6.50 ±9.6 10180 CAF						
10160 CAF						
10161 CAF					 	
10162 CAF						
10166 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 0FSK) LTE-FDD 5.46 ±9.6 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-FDD 6.21 ±9.6 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-FDD 5.73 ±9.6 10169 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-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, 64-QAM) LTE-TDD 9.21 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 10.25 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, GPSK) LTE-FDD 5.72 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 10 MHz, GPSK) LTE-FDD 5.72 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5MHz, GPSK) LTE-FDD 5.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, GPSK) LTE-FDD 5.53 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, GPSK) LTE-FDD 5.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10180 CAR LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, GH-QAM) LTE-FDD 6.55 ±9.6 10189 CAE LTE-FDD	$\overline{}$					
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 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10171 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.21 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.21 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 10175 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.49 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 10.25 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 5.52 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 5.52 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 5.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 5.52 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 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 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QA				.		
10168 CAG						
10169 CAF	1 -		<u></u>		1	
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, 64-QAM) LTE-TDD 9.21 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-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, 20 MHz, 64-QAM) LTE-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-FDD 6.52 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5MHz, 0PSK) LTE-FDD 6.52 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LTE-FDD 6.50 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LTE-FDD 6.50 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK) LTE-FDD 6.50 ±9.6 10189 CAE	10169	CAF		LTE-FDD	5.73	_
10172	10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±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, QPSK) LTE-FDD 5.73 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) 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, QPSK) LTE-FDD 6.52 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.50 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.50 ±9.6 10185 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, QPSK) LTE-FDD 6.51 ±9.6 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1 AMHz, 64-QAM) LTE-FDD 6.50 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1 AMHz, 64-QAM) LTE-FDD 6.52 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1 AMHz, 64-QAM) LTE-FDD 6.52 ±9.6 10189 CAE LEEE 802.11n (HT Greenfield, 6.5 Mps, 84-QAM) LTE-FDD 6.52 ±9.6 10189 CAE LEEE 802.11n (HT Mixed, 58 Mps, 84-QAM) WLAN 8.12 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 65 Mps, 84-QAM) WLAN 8.13 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 58 Mps, 84-QAM) WLAN 8.13 ±9.6 10196	10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 10.25 ±9.6 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ±9.6 10176 CAJ LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 5.73 ±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, 5 MHz, 16-QAM) LTE-FDD 6.52 ±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, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 14-MHz, QPSK) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14-MHz, QPSK) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14-MHz, QPSK) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14-MHz, QPSK) LTE-FDD 6.50 ±9.6 10190 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.19 ±9.6 10191 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.10 ±9.6 10192 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ±9.6 10193 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10220 CAE LEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10221 CAE LEEE 802.11n (HT Mixed, 9.5 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 8	10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10175 CAH	10173	CAH	LTE-TDD (SC-FDMA; 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10176 CAH LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 16-QAM) LTE-FDD 5.73 ±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, 5 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, 079K) LTE-FDD 5.72 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±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, 15 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 ±9.6 10188 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 14 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10190 CAE LEEE 802.111 (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10191 CAE LEEE 802.111 (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10192 CAE LEEE 802.111 (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ±9.6 10193 CAE LEEE 802.111 (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.27 ±9.6 10220 CAE LEEE 802.111 (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.27 ±9.6 10221 CAE LEEE 802.111 (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.06 ±9.6 10222 CAE LEEE 802.111 (HT Mixed, 9.0 Mbps, 16-QAM) WLAN 8.48 ±9.6 10222 CAE LEEE 8	10174	CAH	<u> </u>	LTE-TDD	10.25	±9.6
10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK) LTE-FDD 5.73 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK) LTE-FDD 6.50 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM) LTE-FDD 5.73 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.50 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10190 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10191 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10192 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10193 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10194 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10195 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10196 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10197 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10198 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10199 CAE LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10190		CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±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 6.50 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.52 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 ±9.6 10186 CAF 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 A MHz, QPSK) LTE-FDD 6.50 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, QPSK) LTE-FDD 6.50 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10193 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10195 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM) WLAN 8.11 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10197 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.27 ±9.6 10220 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10221 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.06 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.06 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.06 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.06 ±9.6 10222 CA						±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 6.50 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, QPSK) LTE-FDD 6.50 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10190 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10191 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10195 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.11 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10197 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10199 CAE LEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 ±9.6 10190 CAE LEEE 802.11n (HT Mixed, 4.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10210 CAE LEEE 802.11n (HT Mixed, 4.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10221 CAE LEEE 802.11n (HT Mixed, 4.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 4.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 4.3 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 4.3 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE		CAJ			5.73	±9.6
10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 ±9.6				1	-	
10181 CAF	$\overline{}$			<u> </u>		
10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK) LTE-FDD 5.73 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM) LTE-FDD 6.51 ±9.6 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK) LTE-FDD 5.73 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM) LTE-FDD 5.73 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10193 CAE IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM) WLAN 8.12				 	·	
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 CAE LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAE LEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAE LEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ±9.6 10196 CAE LEEE 802.11n (HT Mixed, 65 Mbps, BPSK) WLAN 8.10 ±9.6 10197 CAE LEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10202 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10221 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.03 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.03 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.27 ±9.6 10222 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.06 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.48 ±9.6 10223 CAE LEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.48 ±9.6			<u> </u>			
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10223 CAE IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6						
10224 CAE IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) WLAN 8.08 ±9.6						
	10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

QIU	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, 5MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	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, 15MHz, 64-QAM)	LTE-TOD	9.21	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.82	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.86	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.46	±9.6
10243 10244	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOD	9.30	±9.6
10246	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TOD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 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-TOD	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-TOD (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	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TDD_	9.34	±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, 5MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOD	9.23	±9.6 ±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TOD	10.07	±9.6
10266	CAH	,	LTE-TDD	9.30	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	10.06	±9.6
10268 10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.00	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10270	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10274	CAC	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 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10 295	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 15.24	±9.6
10305	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols) IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6
10306	AAA	TILLE GOZ. 100 MINIMA (28.10, 101115, 1011112, 04QANI, FOSO, 10 SYMBOIS)	********	1 17.07	10.0

LUB	Day	Annewtynia-Han Cyclem Name	Craum	DAD (AD)	Unc ^E k = 2
10307	Rev	Communication System Name IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	Group WiMAX	PAR (dB) 14.49	±9.6
10307	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	AAE	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	AAF	IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	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	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.40 8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	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	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, 5 MHz, 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	AAD	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
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	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
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82 8.32	±9.6 ±9.6
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10472	AAG	Communication System Name LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	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-TOD	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-TOD	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, 1.4MHz, 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	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±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, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 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, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	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-TOD	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 (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,74 8,37	±9.6
10495	AAG		LTE-TDD	8.54	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, GF3R, OL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	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)	LTE-TDD	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
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN WLAN	1.58	±9.6
10518 10519	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFl 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.23 8.39	±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mops, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802.11ac WiFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiFI (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WiFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WiFl (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAD	IEEE 802.11ac WiFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538 10540	AAD AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.54	±9.6
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10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WIFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAD	IEEE 802.11ac WiFl (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802.11ac WiFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duly cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WiFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WiFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WiFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WIFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564 10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN WLAN	8.25 8.45	±9.6
10566	AAA		WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Miops, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b 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)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAD	HEEE 802.11a/n WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588 10589	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAD AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WIFI 5 GHZ (OFDM, 54 Mops, 90pc duty cycle)	WLAN WLAN	8.67 8.63	±9.6 ±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.64	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
40000	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10602	747			 	10.0
10603	AAD	IEEE 802.11π (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10603 10604		IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	9.03 8.76	±9.6
10603 10604 10605	AAD AAD AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN WLAN		
10603 10604 10605 10606	AAD AAD AAD AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN WLAN WLAN	8.76 8.97 8.82	±9.6 ±9.6 ±9.6
10603 10604 10605	AAD AAD AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN WLAN	8.76 8.97	±9.6 ±9.6

16050 AAD IEEE 802.1 tas WFit (20MHz, MCS2, 80pc duly cycle) WLAN 8.79 19.8 10.5	LUB	Barr	Communication Creators Name	Group	PAR (dB)	Unc ^E k = 2
1956 AAD	UID	Rev	Communication System Name			
10912 AAD						
10612 AAD IEEE 8021 Tab WIFF (20MHz, WCSS, 80pc duty cycle)		-				
1985 AAD IEEE 80211ac WIFE (20MFL, MCSS, 80pc duty cycle)						
1961 AAD EFE 802.11 av WFI (20ME). MCSS, 90pc duty cycle) WLAN 8.59 4.9.8						
10616 AAD						
16917 AD EEE 80211se WPF (40MHz, MCSR, 90pc duty cycle) WiAN 8.92 19.6 19.						
1961 AD EEE 802 110 WIF (MML, MCSI, 1909 othly cycle) WLAN 8.91 19.6						
10610 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.88 1.9.6 10620 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.87 1.9.6 10620 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.87 1.9.6 10622 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.67 1.9.6 10622 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.68 1.9.6 10622 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.69 1.9.6 10622 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.28 1.9.6 10622 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.28 1.9.6 10622 AAD EEE 802.11sc WFF (40MHz, MCSZ, 90pc duty cycle) WIAN 8.28 1.9.6 10622 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.80 1.9.6 10622 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.80 1.9.6 10622 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.80 1.9.6 10620 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.80 1.9.6 10620 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.80 1.9.6 10620 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.85 1.9.6 10620 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.85 1.9.6 10632 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.87 1.9.6 10632 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.81 1.9.6 10632 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.81 1.9.6 10632 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.81 1.9.6 10633 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.81 1.9.6 10633 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.81 1.9.6 10633 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WIAN 8.81 1.9.6 10633 AAD EEE 802.11sc WFF (80MHz, MCSZ, 90pc duty cycle) WI						
16670 AAD IEEE 802.11st WFH (40 MHz, MCSS, 90pc duly cycle) WLAN 8.88 49.6						
1982 AAD						_
16922 AAD IEEE 802.11ac WIFF (40 MHz, MCSS, 90pc duly cycle) WLAN 8.77 19.6						
10822 AAD IEEE 802.11sc WFFI (40 MHz, MCSR, 90pc duty cycle) WLAN 8.88 19.6 10828 AAD IEEE 802.11sc WFFI (40 MHz, MCSR, 90pc duty cycle) WLAN 8.82 19.6 10828 AAD IEEE 802.11sc WFFI (40 MHz, MCSR, 90pc duty cycle) WLAN 8.86 29.6 10828 AAD IEEE 802.11sc WFFI (40 MHz, MCSR, 90pc duty cycle) WLAN 8.86 29.6 10828 AAD IEEE 802.11sc WFFI (40 MHz, MCSR, 90pc duty cycle) WLAN 8.86 29.6 10828 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.88 19.8 10828 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.88 19.8 10828 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.85 19.8 10828 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.85 19.8 10838 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 19.8 10838 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 19.8 10838 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 19.8 10838 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 19.6 10838 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 19.6 10838 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 19.6 10838 AAD IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 19.6 10838 AAE IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 19.6 10838 AAE IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 19.6 10838 AAE IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 19.6 10838 AAE IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 19.6 10838 AAE IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 19.6 10838 AAE IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.84 19.6 10838 AAE IEEE 802.11sc WFFI (80 MHz, MCSR, 90pc duty cycle) WLAN 8.89 19.6 10848 AAE IEEE 8					+	
10628 AAD IEEE 802.11sc WIFF (40MHz, MCSF, 90pc duty cycle) WLAN 8.86 49.6 10628 AAD IEEE 802.11sc WIFF (40MHz, MCSF, 90pc duty cycle) WLAN 8.96 49.6 4						
10825 AAD IEEE 802.11ac WIFI (40 MHz, MCSS, 90pc duty cycle) WLAN 8.96 4.96 10825 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.96 4.96 10827 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.88 4.98 10827 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 4.96 10828 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 4.96 10828 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.71 4.96 10828 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.85 4.98 10838 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.96 10838 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.96 10838 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.96 10838 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.96 10838 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.83 4.96 10838 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.80 4.96 10838 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.96 10838 AAE IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.96 10838 AAE IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.96 10838 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.83 4.96 10838 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.83 4.96 10838 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.96 4.96 10838 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.96 4.96 10838 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.96 4.			,			
1985 AAD						±9.6
10826 AAD IEEE B02-11ac WIFI (80 MHz, MCS0, 90pc duty cycle) WLAN 8.88 ±9.6 10628 AAD IEEE B02-11ac WIFI (80 MHz, MCS2, 80pc duty cycle) WLAN 8.71 ±9.6 10829 AAD IEEE B02-11ac WIFI (80 MHz, MCS2, 80pc duty cycle) WLAN 8.71 ±9.6 WLAN 8.72 ±9.6 WLAN 8.74 ±9.6 WLAN 8.75 ±9.6 WLAN 8.75 ±9.6 WLAN 8.80						
10626 AAD						
10628 AAD IEEE 802.11ac WIFI (80 MHz, MCS2, 90pc duty cycle) WLAN						
10829 AAD						
10830 AAD	_					
10831 AAD			I			
10632 AAD IEEE 802.11ac WiFI (80 MHz, MCS8, 90pc duty cycle) WLAN 8.74 ± 9.6			· _ · · · · · · · · · · · · · · · · · ·			
10633 AAD						_
10834 AAD						
10835 AAD	1					
10636 AAE						±9.6
10637 AAE						±9.6
10638 AAE					8.79	±9.6
10639 AAE IEEE 802.11ac WiFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.85 ±9.6				WLAN	8.86	±9.6
10640 AAE				WLAN	8.85	±9.6
10641 AAE IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle) WLAN 9.06 ±9.6 10642 AAE IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle) WLAN 9.06 ±3.6 10643 AAE IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle) WLAN 8.89 ±9.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle) WLAN 9.05 ±9.6 10645 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.11 ±9.6 10646 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.11 ±9.6 10646 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.11 ±9.6 10646 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.11 ±9.6 10647 AAG I.TE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, U.S subframe=2,7) I.TE-TDD 11.96 ±9.6 10648 AAA I.TE-TDD (OFDMA, 1 RB, 5MHz, QPSK, U.S subframe=2,7) I.TE-TDD 11.96 ±9.6 10652 AAF I.TE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 6.91 ±9.6 10653 AAF I.TE-TDD (OFDMA, 1 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.42 ±9.6 10654 AAE I.TE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 6.96 ±9.6 10655 AAF I.TE-TDD (OFDMA, 2 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10656 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9.6 10659 AAB Pulse Waveform (200Hz, 10%) Test 10.00 ±9.6 10659 AAB Pulse Waveform (200Hz, 40%) Test 0.97 ±9.6 10660 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±9.6 10661 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±9.6 10662 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±9.6 10663 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±9.6 10664 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.74 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6				WLAN	8.98	±9.6
10642 AAE			· · · · · · · · · · · · · · · · · · ·	WLAN	9.06	±9.6
10643 AAE IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle) WLAN 8.89 ±9.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 ±9.6 10645 AAE 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 10659 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 6.98 ±9.6 10655 AAF LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.98 ±9.6 10656 AAB LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.98 ±9.6 10658 AAB Pulse Waveform (200Hz, 20%) 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 10660 AAB Pulse Waveform (200Hz, 40%) Test 0.97 ±9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS), 90pc duty cycle) WLAN 8.77 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS), 90pc duty cycle) WLAN 8.74 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.79 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc				WLAN	9.06	±9.6
10645 AAE	10643	AAE		WLAN	8.89	±9.6
10846 AAH LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ±9.6	10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10647 AAG	10645	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9.6	10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10652 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 1.49.6 10653 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 1.42 1.49.6 1.654 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 1.696 1.49.6 1.655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 1.21 1.49.6 1.658 AAB LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 1.21 1.49.6 1.658 AAB Pulse Waveform (200Hz, 10%) Test 10.00 1.49.6 1.658 AAB Pulse Waveform (200Hz, 20%) Test 10.00 1.49.6 1.659 AAB Pulse Waveform (200Hz, 20%) Test 1.699 1.49.6 1.669 AAB Pulse Waveform (200Hz, 20%) Test 1.691 1.	10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10653 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42	10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10654 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9.6	10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10654 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9.6	10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clippling 44%)	LTE-TDD	7.42	±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 8.77 ±9.6 10676 <	10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9.6 10660 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±9.6 10681 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 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.77 ±9.6 106	10655	AAF		LTE-TDD	7.21	±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 8.77 ±9.6 10676 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 <t< td=""><td>10658</td><td>AAB</td><td>Pulse Waveform (200Hz, 10%)</td><td>Test</td><td>10.00</td><td>±9.6</td></t<>	10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±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 10873 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 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 <td>10659</td> <td>AAB</td> <td></td> <td>Test</td> <td>6.99</td> <td></td>	10659	AAB		Test	6.99	
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10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6			, , , , , , , , , , , , , , , , , , , ,			
L 10682 J. AAC JEEE 802 11ax (20 MHz, MCS11, 90nc duty cycle) WI AN 9.83 +9.6			1 1 1 1			
	10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6						
10684 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6		_				_
10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6			1 1 1 1 1			
10686 AAC IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle) WLAN 8.28 ±9.6	10686	AAC	LIEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 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) IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN WLAN	8.67	±9.6
10713	AAC		WLAN	8.33 8.26	±9.6 ±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle) 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 duly 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) IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6 ±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.40 8.43	±9.6
10742	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10743	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
10749	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
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10756 AAC IEEE 802.11ax (160MHz, MCSI), 990c duty cycle)	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10755 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.94 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.77 49.8 10757 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.77 49.8 10758 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.77 49.8 10758 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.69 49.8 10759 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.69 49.8 10759 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.49 49.6 10759 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.49 49.6 10759 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.49 49.6 10759 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.49 49.6 10759 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10758 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10758 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10756 AAC IEEE 892.11xx (160MHz, MSS), 9960 duly cycle) WLAN 8.54 49.6 10757 AAC SON INC CPOFMA ; 18 http://doi.org/10.10x1/1			•		<u> </u>	
107575 AAC IEEE 802.11x (160MHz, MCSS), 969c duly cycle)				WLAN	8.94	±9.6
10756 AAC IEEE 802 Tax (FloMHz, MCSS, 99c duty cycle)	10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10759 AAC IEEE 802.11st (150MHz, MCSS, 99c duly cycle) WLAN 8.59 19.8	10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10759 AAC IEEE 802.11st (160 MHz, MCSA, 99pc duty cycle)	10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10766 AAC IEEE 802.11st (160 MHz, MCSS, 990c duly cycle)	10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10761 AAC	10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10769 AAC	10760	AAC	<u> </u>	WLAN	8.49	±9.6 _
10769 AAC	10761	AAC	<u> </u>	WLAN	8.58	±9.6
10766 AAC						
10766 AAC EEE 802.11ax (180 MHz, MCS10, 99pc stuly eyele) MLAN 8.54 4.96 10767 AAC EEE 802.11ax (180 MHz, MCS11, 99pc stuly eyele) MLAN 8.51 4.96 10767 AAC 6G NR (CP-OFDM, 1 RB, 5 MHz, CPSK, 154Hz) 5G NR FR1 TDD 7.99 4.96 10768 AAD 5G NR (CP-OFDM, 1 RB, 15 MHz, CPSK, 154Hz) 5G NR FR1 TDD 8.01 4.96 10769 AAD 5G NR (CP-OFDM, 1 RB, 15 MHz, CPSK, 154Hz) 5G NR FR1 TDD 8.01 4.96 10770 AAC 5G NR FR1 TDD 8.01 4.96 10770 AAC 5G NR FR1 TDD 8.01 4.96 10770 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10772 AAC 5G NR FR1 TDD 8.02 4.96 10773 AAC 5G NR FR1 TDD 8.02 4.96 10774 AAC 5G NR FR1 TDD 8.02 4.96 10774 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.03 4.96 10776 AAC 5G NR FR1 TDD 8.04 4.96 10776 AAC 5G NR FR1 TDD 8.04 4.96 10776 AAC 5G NR FR1 TDD 8.05 4.96 10776 AAC 5G NR FR1 TDD 8.05 4.96 10776 AAC 5G NR FR1 TDD 8.07 4.96 10776 AAC 5G NR FR1						
10766 AAC						
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1979 AAD SG NR (CP-OFDM, 1 RB, 15MHz, CPSK, 15KHz) SG NR FR1 TDD 8.02 49.6			·	<u> </u>		
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10776 AAE SG NR (CP-OFDM, 50% RB, 10MHz, QPSK, 15kHz) SG NR FRI TDD 8.30 4.9.6 10777 AAC SG NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.34 4.9.6 10778 AAE SG NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.34 4.9.6 10779 AAC SG NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.34 4.9.6 10780 AAE SG NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.38 4.9.6 10780 AAF SG NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD 8.38 4.9.6 10781 AAF SG NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD 8.38 4.9.6 10782 AAE SG NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 4.9.6 10783 AAG SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD 8.31 4.9.6 10783 AAG SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD 8.31 4.9.6 10785 AAD SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD 8.29 4.9.6 10785 AAD SG NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FRI TDD 8.40 4.9.6 10786 AAE SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FRI TDD 8.35 4.9.6 10786 AAE SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FRI TDD 8.35 4.9.6 10786 AAE SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FRI TDD 8.35 4.9.6 10788 AAE SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FRI TDD 8.35 4.9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FRI TDD 8.37 4.9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 4.9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 4.9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD 7.92 4.9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30kHz) SG NR FRI TDD 7.82 4.9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30kHz) SG NR FRI TDD 7.82 4.9.6 10789 AAF SG NR (CP-OFDM	4		, , , , , , , , , , , , , , , , , , , ,			
10777 AAC SG NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15kHz) SG NR FRI TDD 8.30 ±9.6 10778 AAC SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15kHz) SG NR FRI TDD 8.42 ±9.6 10780 AAC SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15kHz) SG NR FRI TDD 8.42 ±9.6 10780 AAC SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15kHz) SG NR FRI TDD 8.38 ±9.6 10781 AAF SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15kHz) SG NR FRI TDD 8.38 ±9.6 10782 AAE SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.43 ±9.6 10783 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.43 ±9.6 10783 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.29 ±9.6 10786 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.29 ±9.6 10786 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.40 ±9.6 10787 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.40 ±9.6 10787 AAD SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) SG NR FRI TDD 8.40 ±9.6 10787 AAD SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) SG NR FRI TDD 8.44 ±9.6 10788 AAE SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) SG NR FRI TDD 8.44 ±9.6 10789 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 ±9.6 10789 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 ±9.6 10789 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 ±9.6 10793 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 ±9.6 10793 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) SG NR FRI TDD 7.92 ±9.6 10793 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.92 ±9.6 10793 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.92 ±9.6 10793 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.93 ±9.6 10794 AAE SG NR (CP-OFDM, 1 R	-		1 1 1 1 1 1 1 1 1 1	<u> </u>		
10778 AAE 50 NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.44 ±9.6 10779 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ±9.6 10781 AAF 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ±9.6 10782 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ±9.6 10782 AAE 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.43 ±9.6 10783 AAG 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.43 ±9.6 10783 AAG 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.29 ±9.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.29 ±9.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.20 ±9.6 10786 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.40 ±9.6 10786 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.44 ±9.6 10786 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.44 ±9.6 10788 AAE 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAE 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10793 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 18B, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAF 5G NR (CP-OFDM, 18B, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10793 AAF 5G NR (CP-OFDM, 18B, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10793 AAF 5						
10780 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ±9.6	10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10781 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.38 ±9.6 10782 AAE 5G NR (CP-OFDM, 50% RB, 50 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.43 ±9.6 10784 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.29 ±9.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.29 ±9.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.40 ±9.6 10786 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.40 ±9.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.44 ±9.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10788 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10780 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10791 AAG 5G NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 15 kHz) 5G NR FR1 TDD 7.93 ±9.6 10792 AAE 5G NR (CP-OFDM, 18, 50 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10793 AAD 5G NR (CP-OFDM, 18, 50 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10794 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10796 AAE 5G NR (CP-OFDM, 1 RB, 25 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10797 AAF 5G NR (CP-OFDM, 1 RB, 25 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10798 AAE 5G NR (CP-OFDM, 1 RB, 20 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 30 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 30 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 30 MHz, CPSK, 30 kHz) 5G NR FR1 TDD 7.83	10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10782 AAE SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.43 ±9.6	10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10783 AAG 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.31 ±9.6 10784 AAE 5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.29 ±9.6 10786 AAE 5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.40 ±9.6 10786 AAE 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.35 ±9.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.44 ±9.6 10788 AAE 5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.37 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.37 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAE 5G NR (CP-OFDM, 1RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.92 ±9.6 10782 AAE 5G NR (CP-OFDM, 1RB, 10MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.92 ±9.6 10783 AAD 5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.95 ±9.6 10784 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.95 ±9.6 10784 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.92 ±9.6 10784 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.82 ±9.6 10785 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.82 ±9.6 10786 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.82 ±9.6 10786 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.89 ±9.6 10786 AAE 5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.89 ±9.6 10786 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.89 ±9.6 10803 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.89 ±9.6 10803 AAF 5G NR (CP-OFDM, 50% RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 7.83		AAF		5G NR FR1 TDD	8.38	±9.6
10784 AAE 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.29 ±9.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.40 ±9.6 10786 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.45 ±9.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.44 ±9.6 10788 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10790 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10791 AAG 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10792 AAE 5G NR (CP-OFDM, 1 RB, 15 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 7.92 ±9.6 10794 AAE 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10796 AAE 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAF 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10798 AAE 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10800 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10801 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10803 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6			· · · · · · · · · · · · · · · · · · ·	5G NR FR1 TDD	8.43	±9.6
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10802 AAE 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAF 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAE 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 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAG 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD					7.93	±9.6
10803 AAF 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAE 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 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAG 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD						
10805 AAE 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 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAG 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 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, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10820 AAE 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 8.30 ±9.6 10821 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10806 AAD 5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30kHz) 5G NR FR1 TDD 8.37 ±9.6 10809 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAG 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 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 AAE 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 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6						
10809 AAE 5G NR CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAG 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 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 AAE 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		_	· · · · · · · · · · · · · · · · · · ·			
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10817 AAG 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 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 AAE 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						
10818 AAE 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 AAE 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						
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10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6						
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10822 AAE 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6	10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)			
10823 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6	10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.39 ±9.6					8.39	±9.6
10825 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6						±9.6
10827 AAF 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6	$\overline{}$					
10828 AAE 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.43 ±9.6	10828	AAE	5G NH (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	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAE	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	AAE	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, QP\$K, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	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	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71 8.49	±9.6 ±9.8
10843	AAE	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	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, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAF AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR1 TDD 5G NR FR2 TDD	5.89 5.75	±9.6 ±9.6
10870	AAE	5G NR (DFTs-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	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	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
10884	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.57	±9.6 ±9.6
10885	AAE	5G NR (DFT-s-OFDM, 100% NB, 50MHz, 16QAM, 120KHz)	5G NR FR2 TDD	6.53 6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±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, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	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	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAC	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	AAC	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	AAC	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	5.88	±9.6
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68 5.68	±9.6 ±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	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30kHz)	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	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

			Γα	DAD (4D)	Unc ^E $k = 2$
UID	Rev	Communication System Name 5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30kHz)	Group 5G NR FR1 TDD	PAR (dB) 5.93	±9.6
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30KHz)	5G NR FR1 TDD	5.84	±9.6
10912	AAC		5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT:s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR (DFT:s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10914	AAD	5G NR (DFTs-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAC	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, 25MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	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	AAD	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAD	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, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6 ±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz) 5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.82 5.89	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAD	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	AAE	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAC AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAC	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	9.40 9.55	±9.6 ±9.6
10963	AAE	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30KHz)	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	AAC	5G NR DL (CP-OFDM, TM 3.1, 13 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAD	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

February 09, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11 025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

Calibration Laboratory of

Schmid & Partner Engineering AG

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Accreditation No.: SCS 0108

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Client

Element Morgan Hill, USA Certificate No.

EX-3949_Sep24

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:3949

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for desimetric E-field probes

Calibration date

September 09, 2024

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) ℃ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Ocl-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-660_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349 Jun24)	Jun-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	06-Apr-16 (In house check Jun-24)	In house check: Jun-26
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-24)	in house check: Jun-26
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Name Function Signature

Calibrated by Joanna Lleshaj Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: September 09, 2024

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

Certificate No: EX-3949_Sep24

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Service sulsse d'étalonnage C 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 NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF

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

DCP CF

crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

A, B, C, D

Polarization φ

 φ rotation around probe axis

Polarization ∂

 θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta=0$ is

normal to probe axis

Connector Angle

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx, y,z: Assessed for E-field polarization $\theta = 0$ ($f \le 900 \,\text{MHz}$ in TEM-cell; $f > 1800 \,\text{MHz}$: 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 $f \le 800 \,\mathrm{MHz}$) and inside waveguide using analytical field distributions based on power measurements for $f > 800 \,\mathrm{MHz}$. 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
- 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).

September 09, 2024 EX3DV4 - SN:3949

Parameters of Probe: EX3DV4 - SN:3949

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) A	0.65	0.42	0.50	±10.1%
DCP (mV) B	105.5	102.0	101.6	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
1	·		dB	dBõV		dB	m۷	dev.	Unc ^E
									k = 2
0	CW	X	0.00	0.00	1.00	0.00	137.9	±0.9%	±4.7%
		Y	0.00	0.00	1.00		144.8		
		Z	0.00	0.00	1.00		147.5		
10352	Pulse Waveform (200Hz, 10%)	X	1.65	61.18	6.84	10.00	60.0	±2.9%	±9.6%
		Y	96.00	112.00	27.00		60.0		
		Z	20.00	93.47	22.57		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.78	60.00	5.08	6.99	80.0	±2.1%	±9.6%
		Y	20.00	93.19	21.15		80.0		
		Z	20.00	94.04	22.00		80,0		
10354	Pulse Waveform (200Hz, 40%)	Х	0.13	133.92	0.62	3.98	95.0	±2.6%	±9.6%
		Y	20.00	95.87	21.01		95.0	1	
		Z	20.00	98.01	22.78		95.0	1	
10355	Pulse Waveform (200Hz, 60%)	X	0.34	60.00	2.73	2.22	120.0	±1.4%	±9.6%
i		Y	20.00	100.45	21.90		120.0		
		Z	20.00	104.79	24.79		120.0		
10387	QPSK Waveform, 1 MHz	Х	0.64	64.22	12.85	1.00	150.0	±3.5%	±9.6%
		Y	1.74	65.00	14.69		150.0		
		Z	1.78	66.43	15.43		150.0		
10388	QPSK Waveform, 10 MHz	X	1.42	65.87	14.14	0.00	150.0	±1.3%	±9.6%
		Y	2.25	67.39	15.31		150.0		
		Z	2.36	68.57	16.11		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.59	63.29	15,41	3.01	150.0	±1.2%	±9.6%
		Y	3.03	70.21	18.45		150.0		
		Z	3.10	71.27	19.27	,	150.0		
10399	64-QAM Waveform, 40 MHz	Х	2.88	66.20	15.09	0.00	150.0	±1.5%	±9.6%
		Υ	3.56	66.98	15.61		150.0		
		Z	3.62	67.46	16.00		150.0	L	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.88	65.79	15.22	0.00	150.0	±3.0%	±9.6%
		Υ	4.81	64.95	15.10		150.0		
		Z	4.80	65.21	15.34		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.

September 09, 2024

Parameters of Probe: EX3DV4 - SN:3949

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V⁻²	T5 V ⁻¹	Т6
Х	10.8	77.55	33.07	1.18	0.00	4.90	0.03	0.02	1.00
У	58.4	430.42	34.69	14.76	0.59	5.04	1.27	0.27	1.01
Z	49.5	365.91	34.94	25.99	0.12	5.10	1.28	0.24	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-83.0°
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.

Parameters of Probe: EX3DV4 - SN:3949

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 ^H (k = 2)
750	41.9	0.89	9.46	10.31	10.51	0.39	1.27	±11.0%
835	41.5	0.90	9.06	9.88	10.07	0.39	1.27	±11.0%
1750	40.1	1.37	7.90	8.60	8.41	0.34	1.27	±11.0%
1900	40.0	1.40	7.64	8.33	8.14	0.34	1.27	±11.0%
2300	39.5	1.67	7.47	8.14	7.96	0.33	1,27	±11.0%
2450	39,2	1,80	7,19	7.84	7.66	0.33	1.27	±11.0%
2600	39.0	1.96	7.25	7.90	7.72	0.33	1.27	±11.0%

^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 CorwF 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 CorwF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of CorwF assessed at 6 MHz is 4–9 MHz, and CorwF 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 \pm 110 MHz.

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than \pm 5% from the target values (typically better than \pm 3%) and are valid for TSL with deviations of up to \pm 10% if SAB correction is applied

and are valid for TSL with deviations of up to $\pm 10\%$ if SAR correction is applied.

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.

H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

September 09, 2024

Parameters of Probe: EX3DV4 - SN:3949

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 ^H (k = 2)
6500	34.5	6.07	5.23	5.70	5.57	0.20	1.27	±18.6%
8000	32.7	7.84	5.56	6.06	5.92	0.20	1.27	±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 The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 10\%$ from the target values (typically better than $\pm 6\%$)

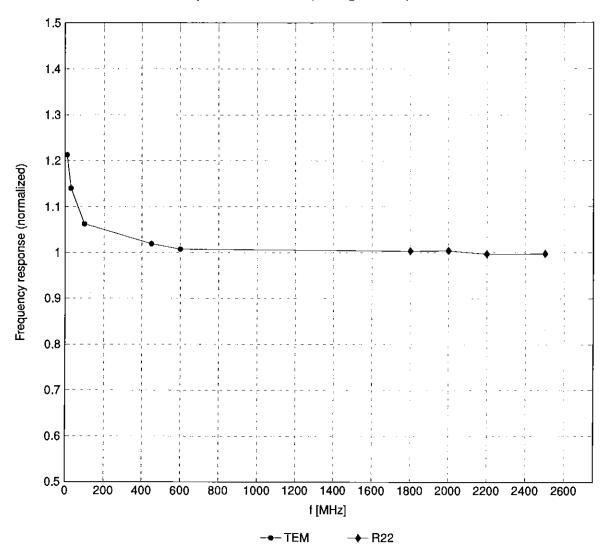
and are valid for TSL with deviations of up to ±10%.

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.

H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

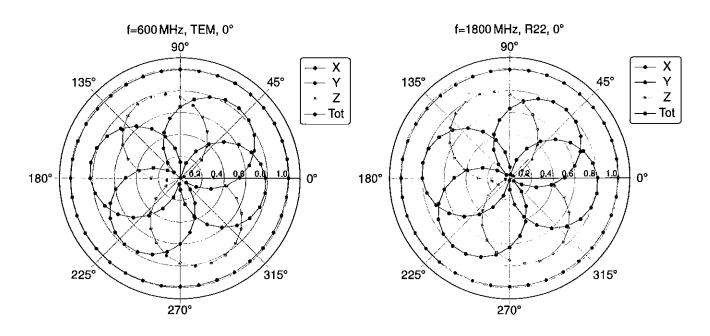
Frequency Response of E-Field

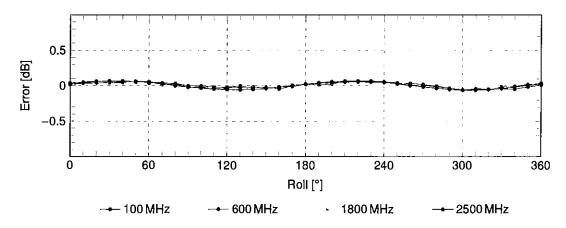
(TEM-Cell:lfi110 EXX, Waveguide:R22)



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

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

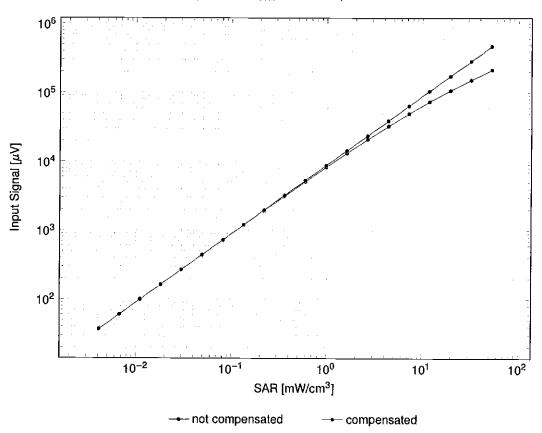


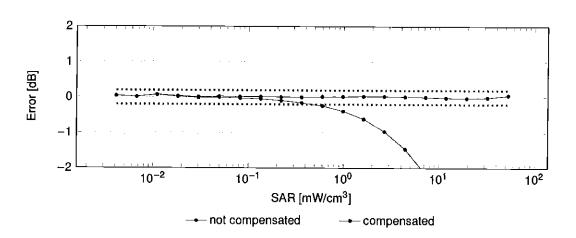


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

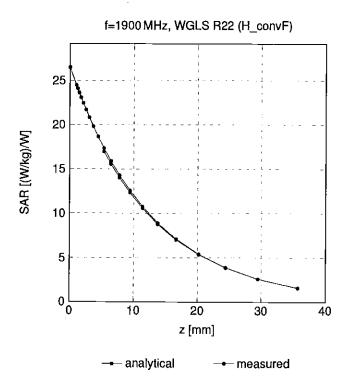
(TEM cell, $f_{eval} = 1900 \, \text{MHz}$)



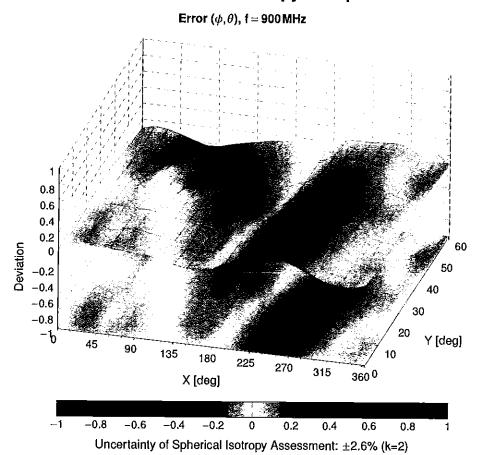


Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
0	1.01	CW	CW	0.00	±4,7
10010	ÇAB	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) IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH1)	Bluetooth	1.18	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	7.74	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth Bluetooth	3.83 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	4.77	±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	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065 10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10067	CAE	IEEE 802,11a/h WiFi 5 GHz (OFDM, 24 Mbps) IEEE 802,11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 38 Mbps)	WLAN	10.12	±9.6
10069	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10003	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	10.56	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN WLAN	9.83 9.62	±9.6 ±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, PV4-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, Sublest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-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 CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10108	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	10.01	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	5.80	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD LTE-FDD	6.43	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	5.75	±9.6
		- 1-1	בוביוטט	6.44	±9.6

Certificate No: EX-3949_Sep24

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	<u> </u>	LTE-FDD	6.62	±9.6
10114	CAE	IEEE 802,11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8,46	±9.6
10116	CAE	IEEE 802,11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13,5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAE	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)			
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.42	±9,6
10151	CAH		LTE-FDD	6.60	±9.6
		LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.6
10154	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
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9,6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 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
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6,56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	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	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-TOD	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-FOD	6.52	±9.6
10 183	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	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAE	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
10 197	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8,13	±9.6
10198	CAE	IEEE 802,11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	
10220	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN		±9,6
10222	CAE	IEEE 802,11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.27	±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)		8.06	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
		יייייייייייייייייייייייייייייייייייייי	WLAN	8.08	±9.6

19225 CAC MITS-PLD (SEPMA, 1 BR, 1 AME, 16-CAM)			1			
19229 CAC LIETDD (SC-PMA, 1 RB, 1 AMY, 1 6 CAM)	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
19028 CAC LIE-TOD (SC-PDMA, 1 RB, 1-AM MY, 1-C-PDR) LIE-TOD 10.28 2.9.6			<u> </u>			
19229 CAC LEFTDD (SCFPMA, 1 RB, 31Ms, 1 CPSM)						
19229 CAE LETDID GEFENA, 1R. 3MHz, 16-OMM		_				
10230 CAE LIE-TOD (SC-FDMA, 1 RB, 3 MHz, 64-CAM) LIE-TOD 19.25 49.6 10231 CAE LIE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LIE-TOD 9.48 10232 CAH LIE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LIE-TOD 9.48 10233 CAH LIE-TOD (SC-FDMA, 1 RB, 5 MHz, 2 CPS) LIE-TOD 9.21 10235 CAH LIE-TOD (SC-FDMA, 1 RB, 5 MHz, 2 CPS) LIE-TOD 9.21 10235 CAH LIE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LIE-TOD 9.21 10236 CAH LIE-TOD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LIE-TOD 9.21 10237 CAH LIE-TOD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LIE-TOD 10.25 10237 CAH LIE-TOD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LIE-TOD 9.48 10238 CAB LIE-TOD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LIE-TOD 9.48 10239 CAB LIE-TOD (SC-FDMA, 1 RB, 1 MHz, 16-CAM) LIE-TOD 9.48 10239 CAB LIE-TOD (SC-FDMA, 1 RB, 1 SHHz, 16-CAM) LIE-TOD 9.48 10240 CAB LIE-TOD (SC-FDMA, 1 RB, 1 SHHz, 16-CAM) LIE-TOD 9.42 10241 CAB LIE-TOD (SC-FDMA, 1 RB, 1 SHHz, 16-CAM) LIE-TOD 9.22 10242 CAB LIE-TOD (SC-FDMA, 1 RB, 1 SHHz, 16-CAM) LIE-TOD 9.22 10243 CAB LIE-TOD (SC-FDMA, 50% RB, 1 AHRL, 6-CAM) LIE-TOD 9.82 10244 CAB LIE-TOD (SC-FDMA, 50% RB, 1 AHRL, 6-CAM) LIE-TOD 9.83 10245 CAB LIE-TOD (SC-FDMA, 50% RB, 1 AHRL, 6-CAM) LIE-TOD 9.86 10245 CAB LIE-TOD (SC-FDMA, 50% RB, 1 AHRL, 6-CAM) LIE-TOD 9.86 10245 CAB LIE-TOD (SC-FDMA, 50% RB, 1 AHRL, 6-CAM) LIE-TOD 9.80 10246 CAB LIE-TOD (SC-FDMA, 50% RB, 1 SHMz, 1 CPS) LIE-TOD 9.80 10247 CAH LIE-TOD (SC-FDMA, 50% RB, 5 MHz, 1 CPS) LIE-TOD 9.80 10248 CAH LIE-TOD (SC-FDMA, 50% RB, 5 MHz, 1 CPS) LIE-TOD 9.80 10249 CAH LIE-TOD (SC-FDMA, 50% RB, 5 MHz, 1 CPS) LIE-TOD 9.80 10249 CAH LIE-TOD (SC-FDMA, 50% RB, 5 MHz, 1 CPS) LIE-TOD 9.80 10249 CAH LIE-TOD (SC-FDMA, 50% RB, 5 MHz, 1 CPS) LIE-TOD 9.80 10249 CAH LIE-TOD (SC-FDMA, 50% RB, 5 MHz, 1 CPS) LIE-TOD 9.80 10240 CAH LIE						
1923 CAE LTE-TDD (SC-FDMA, T RB, 3MHz, GPSK) LTE-TDD 9,49 19,9 1923 CAH LTE-TDD (SC-FDMA, T RB, 5MHz, 16-OAM) LTE-TDD 9,40 19,9 1923 CAH LTE-TDD (SC-FDMA, T RB, 5MHz, 16-OAM) LTE-TDD 19,25 49,9 1923 CAH LTE-TDD (SC-FDMA, T RB, 5MHz, 6-OAM) LTE-TDD 9,21 49,6 1923 CAH LTE-TDD (SC-FDMA, T RB, 16MHz, 6-OAM) LTE-TDD 9,21 49,6 1923 CAH LTE-TDD (SC-FDMA, T RB, 16MHz, 6-OAM) LTE-TDD 9,21 49,6 1923 CAH LTE-TDD (SC-FDMA, T RB, 16MHz, 6-OAM) LTE-TDD 9,21 49,6 1923 CAH LTE-TDD (SC-FDMA, T RB, 16MHz, 6-OAM) LTE-TDD 9,21 49,6 1923 CAH LTE-TDD (SC-FDMA, T RB, 16MHz, 6-OAM) LTE-TDD 9,21 49,6 1923 CAG LTE-TDD (SC-FDMA, T RB, 16MHz, 6-OAM) LTE-TDD 10,25 48,6 1923 CAG LTE-TDD (SC-FDMA, T RB, 15MHz, 6-OAM) LTE-TDD 10,25 48,6 1924 CAG LTE-TDD (SC-FDMA, RB, T RB, 15MHz, 6-OAM) LTE-TDD 10,25 48,6 1924 CAG LTE-TDD (SC-FDMA, SOR, RB, 14MHz, 16-OAM) LTE-TDD 9,46 49,6 1924 CAG LTE-TDD (SC-FDMA, SOR, RB, 14MHz, 6-OAM) LTE-TDD 9,46 49,8 1924 CAG LTE-TDD (SC-FDMA, SOR, RB, 14MHz, GPSK) LTE-TDD 9,46 49,8 1924 CAE LTE-TDD (SC-FDMA, SOR, RB, 14MHz, GPSK) LTE-TDD 9,46 49,8 1924 CAE LTE-TDD (SC-FDMA, SOR, RB, 14MHz, GPSK) LTE-TDD 9,46 49,8 1924 CAE LTE-TDD (SC-FDMA, SOR, RB, 3MHz, GPSK) LTE-TDD 10,00 49,6 1924 CAE LTE-TDD (SC-FDMA, SOR, RB, 3MHz, GPSK) LTE-TDD 10,00 49,6 1924 CAE LTE-TDD (SC-FDMA, SOR, RB, 3MHz, GPSK) LTE-TDD 10,00 49,6 1924 CAE LTE-TDD (SC-FDMA, SOR, RB, 3MHz, GPSK) LTE-TDD 9,39 49,6 1924 CAE LTE-TDD (SC-FDMA, SOR, RB, 5MHz, GPSK) LTE-TDD 9,39 49,6 1925 CAH LTE-TDD (SC-FDMA, SOR, RB, 5MHz, GPSK) LTE-TDD 9,39 49,6 1925 CAH LTE-TDD (SC-FDMA, SOR, RB, 5MHz, GPSK) LTE-TDD 9,39 49,6 1925 CAH LTE-TDD (SC-FDMA, SOR, RB, 5MHz, GPSK) LTE-TDD 9,30 49,6 1925 CAH LTE-TDD (SC-FDMA, SOR, RB, 5MHz, GPSK) LTE-TDD 9,30 49,6 1925 CAH LTE-TDD (SC-FDMA, SOR, RB,						
1928 CAH LTE-TOD ISC-FDMA, 1 RB, SMM2, 1 G-DAM) LTE-TOD 19.49 19.50 19.23 19.24 19.25 19.24 19.25 19.24 19.25 19						
10236 CAH LTE-TOD (SC-PDMA, T RB, SMHz, G-CRS) LTE-TOD 9.21 9.9.6 10236 CAH LTE-TOD (SC-PDMA, T RB, SMHz, G-CRS) LTE-TOD 9.21 9.9.6 10236 CAH LTE-TOD (SC-PDMA, T RB, SMHz, G-CAM) LTE-TOD 9.48 4.9.8 10237 CAH LTE-TOD (SC-PDMA, T RB, SMHz, G-CAM) LTE-TOD 9.22 4.9.8 10238 CAH LTE-TOD (SC-PDMA, T RB, SMHz, G-CAM) LTE-TOD 9.21 4.9.8 10238 CAH LTE-TOD (SC-PDMA, T RB, SMHz, G-CAM) LTE-TOD 9.21 4.9.8 10238 CAL LTE-TOD (SC-PDMA, T RB, SMHz, G-CAM) LTE-TOD 9.21 4.9.8 10238 CAL LTE-TOD (SC-PDMA, T RB, SMHz, G-CAM) LTE-TOD 9.21 4.9.8 10239 CAL LTE-TOD (SC-PDMA, T RB, SMHz, G-CAM) LTE-TOD 10.25 4.9.8 10240 CAS LTE-TOD (SC-PDMA, SR, RB, SMHz, G-CAM) LTE-TOD 9.82 4.9.8 10240 CAS LTE-TOD (SC-PDMA, SR, RB, SMHz, G-CAM) LTE-TOD 9.82 4.9.8 10241 CAC LTE-TOD (SC-PDMA, SR, RB, SMHz, G-CAM) LTE-TOD 9.82 4.9.8 10242 CAC LTE-TOD (SC-PDMA, SR, RB, LAMHz, G-PSK) LTE-TOD 9.82 4.9.8 10243 CAC LTE-TOD (SC-PDMA, SR, RB, LAMHz, G-PSK) LTE-TOD 9.82 4.9.8 10244 CAC LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 9.84 4.9.8 10244 CAC LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 9.86 4.9.8 10245 CAE LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 10.06 4.9.9 10246 CAE LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 10.06 4.9.9 10246 CAE LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 10.06 4.9.9 10247 CAH LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 10.06 4.9.9 10248 CAE LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 10.06 4.9.9 10249 CAH LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 10.06 4.9.9 10249 CAH LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 10.06 4.9.9 10249 CAH LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 9.20 4.9.8 10240 CAH LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM) LTE-TOD 9.20 4.9.8 10240 CAH LTE-TOD (SC-PDMA, SR, RB, SMHz, G-GAM)	4					
19225 CAH LIFETDD (SC-PEMA, I RB, DMHz, G-PS) LIFETDD 9.21 4.96 19285 CAH LIFETDD (SC-PEMA, I RB, DMHz, I R-OAM) LIFETDD 9.21 4.96 19287 CAH LIFETDD (SC-PEMA, I RB, I DMHz, I R-OAM) LIFETDD 10.25 4.96 19287 CAH LIFETDD (SC-PEMA, I RB, I DMHz, I R-OAM) LIFETDD 9.21 4.96 19288 CAG LIFETDD (SC-PEMA, I RB, I DMHz, I R-OAM) LIFETDD 9.21 4.96 19289 CAG LIFETDD (SC-PEMA, I RB, I DMHz, I R-OAM) LIFETDD 9.46 4.96 19280 CAG LIFETDD (SC-PEMA, I RB, I SMHz, I R-OAM) LIFETDD 9.21 4.96 19281 CAC LIFETDD (SC-PEMA, I RB, I SMHz, I R-OAM) LIFETDD 9.21 4.96 19282 CAC LIFETDD (SC-PEMA, I RB, I SMHz, I R-OAM) LIFETDD 9.21 4.96 19282 CAC LIFETDD (SC-PEMA, SPG, RB, I AMHz, I R-OAM) LIFETDD 9.86 4.96 19283 CAC LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 9.86 4.96 19284 CAC LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 9.86 4.96 19285 CAE LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 9.86 4.96 19285 CAE LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 10.06 4.96 19285 CAE LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 10.06 4.96 19285 CAE LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 10.06 4.96 19285 CAE LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 9.30 4.98 19285 CAE LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 9.30 4.98 19284 CAH LIFETDD (SC-PEMA, SPG, RB, I AMHz, LOSA) LIFETDD 9.30 4.98 19285 CAC LIFETDD (SC-PEMA, SPG, RB, I SMHz, GPSK) LIFETDD 9.30 4.98 19285 CAC LIFETDD (SC-PEMA, SPG, RB, I SMHz, GPSK) LIFETDD 9.30 4.98 19285 CAC LIFETDD (SC-PEMA, SPG, RB, I SMHz, GPSK) LIFETDD 9.30 4.98 19285 CAC LIFETDD (SC-PEMA, SPG, RB, I SMHz, GPSK) LIFETDD 9.30 4.98 19285 CAC LIFETDD (SC-PEMA, SPG, RB, I SMHz, GPSK) LIFETDD 9.30 4.98 19286 CAC LIFETDD (SC-PEMA, SPG, RB, I SMHz, GPSK) LIFETDD 9.32 4.98 19287 CAC LIFET					_	
19285 CAH LTE-TDD SC-PEMA, 1 RB, 10MHz, 16-OAM)			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
1928 CAH LITE-TDD SC-PDMA, 1 RB, 10MHz, 64-OAM)						
1928 CAR LIFE-TDD (SC-PDMA, 1 RB, 15MHz, 16AM)					_	·
19238 CAG LTE-TDD (SC-PDMA, 1 RB, 15MHz, 16-OAM)			(1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
19239 CAG LTE-TDD (SC-PDMA, 1 RB, 15MHz, GPSK)		+				
10241 CAC LTE-TDD (SC-FDMA, 50R B), LAME, 16-CAM) LTE-TDD 9.21 2.9.6 10242 CAC LTE-TDD (SC-FDMA, 50R B), LAME, 18-CAM) LTE-TDD 9.86 4.9.5 10242 CAC LTE-TDD (SC-FDMA, 50R B), LAME, 26-CAM) LTE-TDD 9.86 4.9.5 10243 CAC LTE-TDD (SC-FDMA, 50R B), LAME, 26-CAM) LTE-TDD 10.06 4.9.6 10243 CAC LTE-TDD (SC-FDMA, 50R, B), LAME, 26-CAM) LTE-TDD 10.06 4.9.6 10245 CAE LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 10.08 4.9.6 10246 CAE LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 10.08 4.9.6 10247 CAE LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 9.30 1.9.6 10247 CAE LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 9.31 9.9.8 10249 CAE LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 9.91 9.9.8 10248 CAH LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 9.91 9.9.8 10248 CAH LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 9.29 12.9.6 LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 9.29 12.9.6 LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 9.29 12.9.6 LTE-TDD (SC-FDMA, 50R, B), SMF2, 16-CAM) LTE-TDD 10.17 19.9					_+	
1924 CAC LITE-TDD (SC-FDMA, 598 RB, 14MHz, 18-OAM)		ļ				
10242 CAC LTE-TDD SC-FDMA, 509R, RB, 14MHz, 6FSN) LTE-TDD 9.46 ±3.8 10.24 CAC LTE-TDD SC-FDMA, 509R, RB, 14MHz, GPSN) LTE-TDD 9.46 ±3.8 10.24 CAC LTE-TDD SC-FDMA, 509R, RB, 3MHz, 16-CAM) LTE-TDD 10.06 ±3.6 10.24 CAC LTE-TDD SC-FDMA, 509R, RB, 3MHz, 26-CAM) LTE-TDD 10.06 ±3.6 10.24 CAC LTE-TDD SC-FDMA, 509R, RB, 3MHz, 6FSN) LTE-TDD 10.06 ±3.6 10.24 CAC LTE-TDD SC-FDMA, 509R, RB, 3MHz, 26-CAM) LTE-TDD 9.30 ±3.6 10.24 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 16-CAM) LTE-TDD 9.91 ±3.8 10.249 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.91 ±3.8 10.249 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.29 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.29 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.29 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.29 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 10.17 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.24 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.24 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.24 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.24 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.26 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.20 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.20 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.20 ±3.6 CAC LTE-TDD SC-FDMA, 509R, RB, 5MHz, 6FCAM) LTE-TDD 9.20 ±3.6 CAC LTE-TDD SC-FDMA, 1009R, RB, 14MHz, 6FCAM) LTE-TDD 9.20 ±3.6 CAC LTE-TDD SC-FDMA, 1009R, RB, 5MHz, 6FCAM) LTE-TDD 9.20 ±3.6 CAC LTE-TDD SC-FDMA, 1009R, RB, 5MHz, 6FCAM) LTE-TDD 9.21 ±3.6 CAC LTE-TDD SC-FDMA, 1009R, RB, 5MHz, 6FCAM) LTE-TDD 9.21 ±3.6 CAC LTE-TDD SC-FDMA, 1009R, RB						
10244 CAC LTE-TDD SC-FDMA, 50% RB, 3.MHz, 16-OAM LTE-TDD 10.06 49.6 10.24 CAC LTE-TDD SC-FDMA, 50% RB, 3.MHz, 16-OAM LTE-TDD 10.06 49.6 10.24 CAC LTE-TDD SC-FDMA, 50% RB, 3.MHz, 64-OAM LTE-TDD 10.06 49.6 10.24 CAC LTE-TDD SC-FDMA, 50% RB, 3.MHz, 64-OAM LTE-TDD 10.06 49.6 10.24 CAC LTE-TDD SC-FDMA, 50% RB, 3.MHz, 64-OAM LTE-TDD 9.91 49.6 10.24 CAC LTE-TDD SC-FDMA, 50% RB, 5.MHz, 64-OAM LTE-TDD 9.91 49.6 10.24 CAC LTE-TDD SC-FDMA, 50% RB, 5.MHz, 64-OAM LTE-TDD 10.09 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 5.MHz, 64-OAM LTE-TDD 9.91 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 5.MHz, 64-OAM LTE-TDD 9.91 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 5.MHz, 64-OAM LTE-TDD 9.92 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 10.MHz, 64-OAM LTE-TDD 9.92 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 15.MHz, 64-OAM LTE-TDD 9.92 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 15.MHz, 64-OAM LTE-TDD 9.92 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 15.MHz, 64-OAM LTE-TDD 9.94 49.6 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 15.MHz, 64-OAM LTE-TDD 9.94 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 15.MHz, 64-OAM LTE-TDD 9.96 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 15.MHz, 64-OAM LTE-TDD 9.96 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 14.MHz, 16-OAM LTE-TDD 9.96 49.8 10.25 CAC LTE-TDD SC-FDMA, 50% RB, 14.MHz, 16-OAM LTE-TDD 9.96 49.8 10.25 CAC LTE-TDD SC-FDMA, 100% RB, 14.MHz, 16-OAM LTE-TDD 9.96 49.8 10.25 CAC LTE-TDD SC-FDMA, 100% RB, 14.MHz, 16-OAM LTE-TDD 9.96 49.8 10.25 CAC LTE-TDD SC-FDMA, 100% RB, 3.MHz, 6-OAM LTE-TDD 9.96 49.8 10.25 CAC LTE-TDD SC-FDMA, 100% RB, 3.MHz, 6-OAM LTE-TDD 9.97 49.8 10.25 CAC LTE-TDD SC-FDMA, 100% RB, 3.MHz, 6-OAM LTE-TDD 9.97 49.8 10.25 CAC LTE-TDD SC-FDMA, 100% RB, 3.MHz, 6-OAM						
19244 CAE LIE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)						
10245 CAE						
10247 CAH LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-OAM) LTE-TDD 9.50 1.08	┶					
19246 CAH LTE-TID (SC-FDMA, 50% RB, 5MHz, 16-OAM) LTE-TID 10.09 19.8 19.		+ _				
10249 CAH LTE-TIDD (SC-FDMA, 50% RB, 5MHz, QPSK) LTE-TDD 9.29 19.8						
10250 CAH LIE-TIDD (SC-FDMA, 50% RB, 5MHz, GPSK) LIE-TIDD 9.28 45.8 45.6		├				
19250 CAH LITE-TID (SC-FDMA, 50% RB, 10 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 15 MHz, 64-OAM) LITE-TID (SC-FDMA, 50% RB, 14 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 3 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 3 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 3 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 3 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 5 MHz, 64-OAM) LITE-TID (SC-FDMA, 100% RB, 15 MHz, 64-OA						
10252 CAH LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 49.6						
10252 CAH		_				
10253 CAG LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-GAM) LTE-TDD 9.90 49.5		-				
10255 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-GAM)						
10255 CAG LTE-TDD (SC-FDMA, 50%, RB, 15MHz, 0PSK) LTE-TDD 9.90 ±9.6 10256 CAC LTE-TDD (SC-FDMA, 100%, RB, 1.4MHz, 16-QAM) LTE-TDD 9.98 ±9.6 10257 CAC LTE-TDD (SC-FDMA, 100%, RB, 1.4MHz, 0PSK) LTE-TDD 9.94 ±9.6 10258 CAC LTE-TDD (SC-FDMA, 100%, RB, 1.4MHz, 0PSK) LTE-TDD 9.34 ±9.6 10259 CAE LTE-TDD (SC-FDMA, 100%, RB, 3MHz, 16-QAM) LTE-TDD 9.93 ±9.6 10260 CAE LTE-TDD (SC-FDMA, 100%, RB, 3MHz, 0PSK) LTE-TDD 9.99 ±9.6 10261 CAE LTE-TDD (SC-FDMA, 100%, RB, 3MHz, 0PSK) LTE-TDD 9.92 ±9.6 10261 CAE LTE-TDD (SC-FDMA, 100%, RB, 3MHz, 0PSK) LTE-TDD 9.24 ±9.6 10262 CAH LTE-TDD (SC-FDMA, 100%, RB, 3MHz, 0PSK) LTE-TDD 9.83 ±9.6 10263 CAH LTE-TDD (SC-FDMA, 100%, RB, 5MHz, 64-QAM) LTE-TDD 9.83 ±9.6 10264 CAH LTE-TDD (SC-FDMA, 100%, RB, 5MHz, 0PSK) LTE-TDD 9.83 ±9.6 10265 CAH LTE-TDD (SC-FDMA, 100%, RB, 5MHz, 0PSK) LTE-TDD 9.23 ±9.6 10266 CAH LTE-TDD (SC-FDMA, 100%, RB, 5MHz, 0PSK) LTE-TDD 9.23 ±9.6 10267 CAH LTE-TDD (SC-FDMA, 100%, RB, 5MHz, 0PSK) LTE-TDD 9.92 ±9.6 10268 CAH LTE-TDD (SC-FDMA, 100%, RB, 10MHz, 0PSK) LTE-TDD 9.30 ±9.6 10269 CAG LTE-TDD (SC-FDMA, 100%, RB, 10MHz, 0PSK) LTE-TDD 9.30 ±9.6 10269 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.30 ±9.6 10269 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.50 ±9.6 10260 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.50 ±9.6 10260 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.50 ±9.6 10260 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.50 ±9.6 10260 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.50 ±9.6 10260 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.50 ±9.6 10260 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK) LTE-TDD 9.50 ±9.6 10270 CAG LTE-TDD (SC-FDMA, 100%, RB, 15MHz, 0PSK)						
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10260 CAE						
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10262 CAH LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM) LTE-TDD 9,83 ±9,6 10263 CAH LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM) LTE-TDD 10,16 ±9,6 10264 CAH LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK) LTE-TDD 9,23 ±9,6 10265 CAH LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK) LTE-TDD 9,24 ±9,6 10266 CAH LTE-TDD (SC-FDMA, 100% RB, 10MHz, GPSK) LTE-TDD 9,92 ±9,6 10267 CAH LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK) LTE-TDD 10,07 ±9,6 10268 CAH LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK) LTE-TDD 9,30 ±9,6 10269 CAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK) LTE-TDD 10,06 ±9,8 10269 CAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK) LTE-TDD 10,13 ±9,6 10270 CAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK) LTE-TDD 10,13 ±9,6 10270 CAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK) LTE-TDD 10,13 ±9,6 10274 CAC LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK) LTE-TDD 9,58 ±9,8 10275 CAC LMTS-FDD (HSUPA, Sublest 5, 3GPP Rei8.10) WCDMA 4,87 ±9,6 10276 CAC LMTS-FDD (HSUPA, Sublest 5, 3GPP Rei8.4) WCDMA 3,96 ±9,6 10277 CAA PHS (QPSK) BW 884 MHz, Rolloff 0,5 PHS 11,81 ±9,6 10279 CAA PHS (QPSK, BW 884 MHz, Rolloff 0,5 PHS 11,81 ±9,6 10290 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3,91 ±9,6 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3,91 ±9,6 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3,50 ±9,6 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3,50 ±9,6 10294 AAE LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5,72 ±9,6 10295 AAB CDMA2000, RC3, SO3, RB, 3 MHz, QPSK) LTE-FDD 5,81 ±9,6 10296 AAB CDMA2000, RC3, SO3, RB, 3 MHz, QPSK) LTE-FDD 5,81 ±9,6 10297 AAE LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5,81 ±9,6 10299 AAE LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5,81 ±9,6 10299 AAE LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5,81 ±9,6 10300 AAA LEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	10261	CAE				
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10267 CAH LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.30 ±9.6	10266	CAH			-	
10268 CAG	10267	CAH				
10269 CAG	10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)			
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10306 AAA IEEE 903 160 WMAY (2010, 10 pg 104M) 000 100 100 100 100 100 100 100 100 1				WiMAX	11.86	
10306 AAA IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols) WiMAX 14.67 ±9.6			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

Unit New Communication System Name Care PAR (db) Unit A 5.5						. <u>-</u>
160909 AAA REEE 802.16 WHAX (2014, 10 ms, 16 MHz, 150 MA, APC 26, 18 symbole) WHAX 14.58 4.9.0	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10309 AAA IEEE 602 (160 WINAX (2015) 1075 (170 MIN), (2015) (AAF) 10301 AAF 1050 (170 MIN), (2015) (AMC), (2015) (
1931 AAA IEEE 002,16 WIRMAX (2914), 1096; IBI SIMMHA, CPSN) ITEFOD (6.06 19.						
1931 AAE LTE-FDD (SC-FDMA, 190% RB, 15 MHz, GPSK)				· · · · · · · · · · · · · · · · · · ·		
1901 AAA DEN 13 105 135 149.6 105				1		
19016 AAA IDEN 16 1907			, , , , , , , , , , , , , , , , , , , ,			
1901 AAB						
10317 AAB						
1935 AAA Pulse Waveform (200Hz, 1976) Michael (1976) Generic 19.00 19.6 19.5		-				
19353 AAA Pulse Waveform (200Hz, 10%) Generic 6,99 ±9,6 1935 AAA Pulse Waveform (200Hz, 40%) Generic 5,99 ±9,6 1935 AAA Pulse Waveform (200Hz, 40%) Generic 5,99 ±9,6 1935 AAA Pulse Waveform (200Hz, 40%) Generic 5,99 ±9,6 1935 AAA Pulse Waveform (200Hz, 60%) Generic 5,99 ±9,6 1935 AAA Pulse Waveform (200Hz, 60%) Generic 5,70 ±9,8 1935 AAA Pulse Waveform (200Hz, 60%) Generic 5,70 ±9,8 Generic 5,70 ±9,8 1938 AAA OPSK Waveform, 10 MHz Generic 5,70 ±9,8 1938 AAA OPSK Waveform, 10 MHz Generic 5,22 ±9,8 1938 AAA OPSK Waveform, 10 MHz Generic 5,22 ±9,8 1938 AAA GPSK Waveform, 10 MHz Generic 5,27 ±9,8 1939 AAA GH-QAM Waveform, 40 MHz Generic 6,27 ±9,8 1939 AAA GH-QAM Waveform, 40 MHz Generic 6,27 ±9,8 1939 AAA GH-QAM Waveform, 40 MHz Generic 6,27 ±9,8 1939 AAA GH-QAM Waveform, 40 MHz Generic 6,27 ±9,8 1939 AAA GH-QAM Waveform, 40 MHz Generic 6,27 ±9,8 1939 AAA GH-QAM Waveform, 40 MHz Generic 6,27 ±9,8 1939 AAA GH-QAM QAM GHZ Generic 6,27 ±9,8 1939 AAA GH-QAM QAM GHZ GH-QAM QAM			IEEE 802.11g WIFI 2.4 GHZ (ERP-OFUM, 6 Mbps, 96pc duty cycle)			
1935 AAA Pulse Waveform (2001+; 20%) Generic 5.98 3.95 1.0056 AAA Pulse Waveform (2001+; 40%) Generic 2.92 1.98 1.0056 AAA Pulse Waveform (2001+; 40%) Generic 2.92 1.98 1.0056 AAA Pulse Waveform (2001+; 40%) Generic 2.92 1.98 1.0056 AAA Pulse Waveform (2001+; 40%) Generic 2.92 1.98 1.0056 AAA Pulse Waveform (2001+; 40%) Generic 2.92 1.98 1.0056 AAA OPSK Weseform, 10MHz Generic 2.22 1.98 Generic						
1935 AAA Pulse Waveform (200Hz, 40%) Generic 2.2 ± 4.8.6 19355 AAA Pulse Waveform (200Hz, 40%) Generic 2.2 ± 4.8.6 19365 AAA Pulse Waveform (200Hz, 40%) Generic 9.57 ± 8.8 19387 AAA OPSK Waveform, 10 MHz Generic 5.10 ± 8.8 19388 AAA OPSK Waveform, 10 MHz Generic 5.20 ± 3.6 19389 AAA GADAM Waveform, 40 MHz Generic 5.20 ± 3.6 19389 AAA GADAM Waveform, 40 MHz Generic 6.27 ± 3.6 19389 AAA GADAM Waveform, 40 MHz Generic 6.27 ± 3.6 19389 AAA GADAM Waveform, 40 MHz Generic 6.27 ± 3.6 19390 AAA GADAM Waveform, 40 MHz Generic 6.27 ± 3.6 19390 AAA GADAM Waveform, 40 MHz Generic 6.27 ± 3.6 19400 AAF IEEE 802 L1se wiff (200Mz, 950 cMy cycle) WLAN 6.37 ± 3.6 19400 AAF IEEE 802 L1se wiff (200Mz, 950 cMy cycle) WLAN 6.30 ± 3.6 19400 AAF IEEE 802 L1se wiff (200Mz, 950 cMy cycle) WLAN 6.30 ± 3.6 19400 AAF IEEE 802 L1se wiff (200Mz, 950 cMy cycle) WLAN 6.30 ± 3.6 19400 AAB GOMAZOOII (145VO, 18-n, A) GOMAZO						
19356 AAA Pulse Wavelerm (20014; 69%) Generic 2.22 ±3.8 19389 AAA OPSK Wavelorn, 10M12 Generic 5.10 ±3.8 19389 AAA OPSK Wavelorn, 10M12 Generic 6.27 ±3.8 19389 AAA 34-CAM Wavelorn, 10M12 Generic 6.27 ±3.6 19399 AAA 44-CAM Wavelorn, 10M12 Generic 6.27 ±3.6 19399 AAA 44-CAM Wavelorn, 10M12 Generic 6.27 ±3.6 19409 AAF EEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.37 ±3.6 19400 AAF EEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.37 ±3.6 19401 AAF EEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.37 ±3.6 19401 AAF EEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.30 ±3.6 19402 AAF EEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.30 ±3.6 19403 AAB CDMA2000 (15EV-DC, Rev. 0) CDMA2000 3.76 ±3.6 19404 AAB CDMA2000 (15EV-DC, Rev. 0) CDMA2000 3.76 ±3.6 19404 AAB CDMA2000 (15EV-DC, Rev. 0) CDMA2000 3.72 ±3.6 19414 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) CDMA2000 3.72 ±3.6 19415 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) CDMA2000 3.72 ±3.6 19414 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.23 ±3.6 19415 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.23 ±3.6 19416 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.23 ±3.6 19416 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.23 ±3.6 19417 AAO LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.23 ±3.6 19419 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.24 ±3.6 19410 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.24 ±3.6 19410 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.24 ±3.6 19410 AAA LEEE 802.11a Will (20M12, 64-CAM, 89c duly cycle) WI.AN 6.24 ±3.6 19						
1938 AAA Puline Waveform (2001st, 90%) Generic 6.17 2.9.6						
19389 AAA OPSK Weedern, 10MHz		+				
10398 AAA OPSK Weetern, 10MHz Generic 6.27 4.38 10399 AAA A4-QAM Weetern, 140MHz Generic 6.27 4.38 10399 AAA A4-QAM Weetern, 140MHz Generic 6.27 4.38 10399 AAA A4-QAM Weetern, 140MHz Generic 6.27 4.38 10400 AAF IEEE 802.11 no Wiff (60 MHz, 64-QAM, 80pc duly cycle) WILAN 8.37 4.56 10401 AAF IEEE 802.11 no Wiff (60 MHz, 64-QAM, 80pc duly cycle) WILAN 8.36 4.56 10402 AAF IEEE 802.11 no Wiff (60 MHz, 64-QAM, 80pc duly cycle) WILAN 8.53 4.56 10403 AAB GDMA2000 (1824-QAM, 80pc duly cycle) ODMA2000 ODMA2000 ODMA2000 ODMA2000 0.37 19.6 10404 AAB GDMA2000 (1824-QAM, 80pc duly cycle) ODMA2000						
10399 AAA 84-QAM Waveforn, 10MHz Generic 6.27 2-9.8						
10399 AAA						
1940 AAF						
10402 AAF IEEE 802.11s WiFi (40 MHz, 64-QAM, 99pc duly cycle) WLAN 8.60 \$4.9.8			<u> </u>			
10409 AAF IEEE 802.11st WIFI (90 MHz, 64-OAM, 99pc duty cycle)				· · · · · · · · · · · · · · · · · · ·		
10404 AAB CDMA2000 (1XEV-DC, Rev. A)				<u> </u>		
10404 AAB CDMA2000 (18EV-DC, Rev. A) 19.8 CDMA2000 3.77 19.8 19.6 19.6 CDMA2000 3.77 19.8 19.6 19.6 19.6 CDMA2000 S.22 19.6 1				 		
10410						
10410					-	
1941 AAA WLAN CCDF, 64-CAM, 40 MHz		_			+	
10415		-		ļ		
10416 AAA REEE 802.11g WiFl 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 10417 AAD REEE 802.11g WiFl 5.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 10418 AAA REEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) WLAN 8.14 ±9.6 10419 AAA REEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) WLAN 8.19 ±9.6 10422 AAD REEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) WLAN 8.32 ±9.6 10423 AAD REEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.47 ±9.6 10424 AAD REEE 802.11n (HT Greenfield, 7.2 Mbps, 16-CAM) WLAN 8.40 ±9.6 10425 AAD REEE 802.11n (HT Greenfield, 5 Mbps, BPSK) WLAN 8.41 ±9.6 10425 AAD REEE 802.11n (HT Greenfield, 5 Mbps, BPSK) WLAN 8.41 ±9.6 10425 AAD REEE 802.11n (HT Greenfield, 5 Mbps, 16-CAM) WLAN 8.41 ±9.6 10425 AAD REEE 802.11n (HT Greenfield, 5 Mbps, 16-CAM) WLAN 8.41 ±9.6 10427 AAD REEE 802.11n (HT Greenfield, 5 Mbps, 64-CAM) WLAN 8.41 ±9.6 10427 AAD REEE 802.11n (HT Greenfield, 5 Mbps, 64-CAM) WLAN 8.41 ±9.6 10427 AAD REEE 802.11n (HT Greenfield, 5 Mbps, 64-CAM) WLAN 8.41 ±9.6 10430 AAE REEF 802.11n (HT Greenfield, 5 Mbps, 64-CAM) WLAN 8.41 ±9.6 10430 AAE REEF 802.11n (HT Greenfield, 5 Mbps, 64-CAM) WLAN 8.41 ±9.6 10430 AAE REEF 802.11n (HT Greenfield, 5 Mbps, 64-CAM) WLAN 8.41 ±9.6 10430 AAE REEF 802.11n (HT Greenfield, 5 Mbps, 64-CAM) REEF 802.11n (HT Greenfield,			<u> </u>			
10417 AAD IEEE 802.11g WiFi 6 GHz (DFDM, 6 Mbps, 99pc duly cycle, Long preambule) WLAN 8.13 ±9.6 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duly cycle, Short preambule) WLAN 8.14 ±9.6 10422 AAD IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duly cycle, Short preambule) WLAN 8.19 ±9.6 10422 AAD IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duly cycle, Short preambule) WLAN 8.47 ±9.6 10424 AAD IEEE 802.11g (HT Greenfield, 7.2 Mbps, 16-CAM) WLAN 8.47 ±9.6 10425 AAD IEEE 802.11g (HT Greenfield, 7.2 Mbps, 16-CAM) WLAN 8.44 ±9.6 10426 AAD IEEE 802.11g (HT Greenfield, 15 Mbps, 16-CAM) WLAN 8.44 ±9.6 10426 AAD IEEE 802.11g (HT Greenfield, 9 Mbps, 16-CAM) WLAN 8.41 ±9.6 10426 AAD IEEE 802.11g (HT Greenfield, 9 Mbps, 16-CAM) WLAN 8.41 ±9.6 10426 AAD IEEE 802.11g (HT Greenfield, 9 Mbps, 16-CAM) WLAN 8.41 ±9.6 10426 AAD IEEE 802.11g (HT Greenfield, 9 Mbps, 16-CAM) 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, 5 MHz, E-TM 3.1) LTE-FDD 8.28 ±9.6 10433 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 10433 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 10433 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 10434 AAB LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 10434 AAB LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 7.62 ±9.6 10447 AAE LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 7.52 ±9.6 10448 AAE LTE-FDD (OFDMA, 18 Mz, E-TM 3.1) LTE-FDD 7.52 ±9.6 10449 AAD LTE-FDD (OFDMA, 18 Mz, E-TM 3.1, Clippin 44%) LTE-FDD 7.53 ±9.6 10449 AAD LTE-FDD (OFDMA, 18 Mz, E-TM 3.1, Clippin 44%) LTE-FDD 7.53 ±9.6 10453 AAB LTE-FDD (OFDMA, 18 Mz, E-TM 3.1, Clippin 44%) LTE-FDD 7.53 ±9.6 10454 AAD LTE-FDD (OFDMA, 18 Mz, E-TM 3.1, Clippin 44%) LTE-FDD 7.53 ±9.6						
10418						
10419 AAA						
10422 AAD			IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM_6 Mhps_99pc duty cycle_bing preambule)			
10423 AAD		_	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)			
10424 AAD IEEE 802.11n (HT Greenfield, 72.2Mpps, 64-OAM)						
10425 AAD IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)						
10428 AAD IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ±9.6 10427 AAD 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, 5 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 10432 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 10433 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 10433 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) WCDMA 8.60 ±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, C-PMS, 1.2 (lipping 44%) LTE-FDD 7.62 ±9.6 10448 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ±9.6 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.55 ±9.6 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6 10450 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6 10450 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) UCE-FDD 7.51 ±9.6 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 ±9.6 10453 AAC LTE-FDD (OF-MA, 99pc duty cycle) WLAN 8.63 ±9.6 10455 AAA CDMA2000 (ltEV-DO, Rev. 8, 2 carriers) CDMA2000 6.55 ±9.6 10455 AAA CDMA2000 (ltEV-DO, Rev. 8, 3 carriers) CDMA2000 6.55 ±9.6 10460 AAB UMTS-FDD (WCDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3.4,7,8,9) LTE-TDD 7.82 ±9.6 10465 AAO LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3.4,7,8,9) LTE-TDD 7.82 ±9.6 10465 AAO LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3.4,7,8,9) LTE-TDD 8.50 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.50 ±9.6 10466 AAD LTE-TDD	10425	AAD				
10427 AAD IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	10426	AAD				
10430 AAE	10427	AAD				
10431 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 6.38 4.9.6 10432 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 49.6 10433 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 49.6 10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 49.6 10435 AAG LTE-FDD (OFDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-FDD 7.82 49.6 10447 AAE LTE-FDD (OFDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-FDD 7.56 49.6 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 49.6 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 49.6 10450 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 49.6 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 49.6 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) LTE-FDD 7.48 49.6 10453 AAE Validation (Square, 10 ms, 1 ms,	10430	AAE				
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 AAB LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.62 ±9.6 10447 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ±9.6 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 ±9.6 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6 10450 AAD LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6 10451 AAB W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ±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 10454 AAB UMTS-FDD (DC-HSDPA) WCDMA 8.63 ±9.6 10455 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 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, 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, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.50 ±9.6 10466 AAD 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 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe=2,3,4,7,8,9)	10431	AAE				
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-FDD (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, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ±9.6 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 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%) UTE-FDD 7.59 ±9.6 10453 AAE Validation (Square, 10 ms, 1 ms) Test 10.00 ±9.6 10454 AAD LEE B02.11ac WfFi (160 MHz, 64-QAM, 99pc duty cycle) WLAN 8.63 ±9.6 10455 AAD LEE B02.11ac WfFi (160 MHz, 64-QAM, 99pc duty cycle) 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 6.55 ±9.6 10460 AAB UMTS-FDD (WCDMA, AMR) 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 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6	10432	AAD				
10434 AAB W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60	10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)			
10435 AAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.62 ±9.6 10447 AAE LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ±9.6 10448 AAE LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 ±9.6 10449 AAD LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 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 10454 AAD LEE 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 6.25 ±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=2,3,4,7,6,9) LTE-TDD 7.82 ±9.6 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.50 ±9.6 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.56 ±9.6 10468 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.56 ±9.6 10468 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GA-QAM, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.56 ±9.6 10468 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GA-QAM, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-QAM, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-QAM, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-QAM, UL Subframe=2,3,4,7,6,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-QAM, UL Subframe=2,3,4,7,6,9) LTE-TDD	10434	AAB				
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, Clippin 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 AAD LEE 802.11ac WiFi (160 MHz, 64-QAM, 99c 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, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD	10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)			
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, Clipping 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 AAD IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99c 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, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±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 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.52 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4	10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)			
10449		AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)			
10450 AAD LTE-FDD (OFDMA, 20MHz, 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 AAD 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-DQ, Rev. B, 2 carriers) CDMA2000 6.55 ±9.6 10459 AAA CDMA2000 (1xEV-DQ, Rev. B, 3 carriers) CDMA2000 6.55 ±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, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) <td></td> <td>AAD</td> <td>LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)</td> <td></td> <td></td> <td></td>		AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)			
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 AAD 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, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.30 ±9.6 10463 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10465 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10470 AAG LTE-TDD			LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)			
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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, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10465 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 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.				CDMA2000	8.25	±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 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10465 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 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6				WCDMA	2.39	
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 10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10465 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 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6					7.82	±9.6
10464 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10465 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 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10471 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6			LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.30	±9.6
10465 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 10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6	-	-	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
10466 AAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 ±9.6 10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6			LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)		7.82	±9.6
10467 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6 10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6			LIE-IDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)		8.32	±9.6
10468 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6 10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6			LIE-IDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		±9.6
10469 AAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6					7.82	±9.6
10470 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ±9.6					8.32	±9,6
10471 AAC 1TE TDD (00 FD) 14 4 DD 404 III 40 C41 III 0 14					8.56	±9.6
104/1 AAG LIE-IDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 ±9.6			LIE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)		7.82	±9.6
	10471	AAG	LIE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

UID	Pau	Communication Custom Name	10	DAD (-10)	LuF 1- A
10472	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10472		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	_	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10474		LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10473	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.32 8.57	±9.6 ±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	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±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, 5MHz, 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-TOD	7,70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-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, 5MHz, 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)	LTE-TDD	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
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	LTE-TDD WLAN	8.45	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10518	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6 ±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/n WiFl 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802,11a/h WiFl 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WiFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536 10537	AAD AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9,6
10537	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.54	±9.6
.50-10	, , , ,	SSE, Frag. 1911 (TO WITE, MOSS, SSPE DULY CYCLE)	WLAN	8.39	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544 10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8,47	±9.6
10545	AAD AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802,11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10550	AAD	IEEE 802,11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WiFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD		WLAN	8.42	±9.6
10554	AAE	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10555	AAE		WLAN	8.48	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8,47	±9.6
10557	AAE	IEEE 802,11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.50	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8,52	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8,61	±9,6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10562	AAE	<u> </u>	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFI (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.69	±9.6
10564	AAA	IEEE 802.11ac WIFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10565	AAA	IEEE 802.11g Wiri 2.4 GHz (DSSS-OFDM, 9 Mops, 99pc duty cycle)	WLAN	8.25	±9.6
10566	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	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mops, 99pc duty cycle)	WLAN	8.00	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 38 Mbps, 99pc duty cycle)	WLAN	8,37	±9,6
10570	AAA	IEEE 802.11g Wiff 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	8.30	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1,99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duly cycle)	WLAN	1.99	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1.5 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	1.98	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN WLAN	8.59	±9.6
10577	AAA	IEEE 802.11g Wifi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10578	AAA	IEEE 802.11g Wifi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 16 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duly cycle)	WLAN	8.76	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.35 8.67	±9.6 ±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duly cycle)	WLAN	8,59	
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6 ±9.6
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duly cycle)	WLAN		±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.49 8.36	±9.6 ±9.6
10588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duly cycle)	WLAN	8.76	±9.6
10589	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duly cycle)	WLAN	8,67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8,64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802,11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9,03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAD	IEEE 802,11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6
					

10000 AAD 159E BOX 1166 WITE OMMER, MCSS, 30pc duly grobb WAAN 6.75 9.55	UID	Rev	Communication System Name	l Caus	DAD (dD)	Unc ^E k = 2
MAD BEE 8002.11 No.WFI (20MHz, MCSS, 80pc duly cycle)				Group	PAR (dB)	ļ
MAD SEE BOOL 1 Now WITE GOMPAL, MCSS, BOD of My cycle) WLAN 6,77 49.6		+				
190161 AND EEE 800.11 No. WIFE (20 MHz, WCSS, 1905 cally greb) WLAN 8.94 9.0		_				_
190513 AAD IEEE 802.11 to Wife (20MHz, MCSS) stope dulty cycle) W.A.AN 8.94 4.9.6						
10615 AAD IEEE 802.11ae Wirt (20MHz, MCSS) 896c daly cycle)	1					
1905 ADD IEEE 802,11ae Wirl (20 MHz, MCS9, 80pc daty cycle) WiLAN 8,82 4.9,6						
1961 AAO IEEE 802.11ac Wirl (ADMILY, MCSS), 80pc duty cycle) WIAAN 6,81 49.6	10615	AAD				
19616 AAD IEEE 802.11ao Wiri (40 MHz, MCSS, 90pc daty cycle) WILAN 8,58 4.9.6	10616	AAD				
1961 ADD IEEE 802 Time Wiff (40 MMz, MCSZ, 80pc duty cycle) WLAN 8.68 4.9.8	10617	AAD				
10690 AAD IEEE 802.11ce Wift (40 MFt, MCSS, 40pc duty cycle)	10618	AAD			_	
19620 AAD IEEE 802.11 to WIF (40 MHz, MCS4, 90pc duty cycle)	10619	AAD				
106292 AAD IEEE 802.11 tac Wift (40 MHz, MCSS, 500pc duty cycles) WiLAN 8.28 4.9.5	10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)			
19626 AAD	10621	AAD		WLAN	8.77	±9.6
10625 AAD	10622	AAD		WLAN	8.68	±9.6
19626 AAD				WLAN	8.82	±9.6
190826 AAD				WLAN	8,96	±9,6
19629 AAD				WLAN	8.96	±9.6
10629 AAD				WLAN	8.83	±9.6
10699 AAD				WLAN	8.88	±9.6
10630 AAD	-				8.71	±9.6
19631 AAD IEEE 802.11ac WIFI (60 MHz, MCSS, 90pc duly cycle) WLAN 8.51 \$9.8 \$1.96 \$1.0632 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duly cycle) WLAN 8.33 \$9.6 \$1.0633 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duly cycle) WLAN 8.83 \$9.6 \$1.0634 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duly cycle) WLAN 8.81 \$9.6 \$1.0635 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duly cycle) WLAN 8.81 \$9.6 \$1.0635 AAD IEEE 802.11ac WIFI (100 MHz, MCSS, 90pc duly cycle) WLAN 8.81 \$9.6 \$1.0635 AAD IEEE 802.11ac WIFI (100 MHz, MCSS, 90pc duly cycle) WLAN 8.81 \$9.6 \$1.0635 AAD IEEE 802.11ac WIFI (100 MHz, MCSS, 90pc duly cycle) WLAN 8.83 \$9.6 \$1.0637 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN 8.86 \$9.6 \$1.0637 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN 8.86 \$9.6 \$1.0637 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN 8.86 \$9.6 \$1.0637 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN 8.86 \$9.6 \$1.0640 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN 8.86 \$1.9.6 \$1.0641 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0642 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0642 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0642 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0642 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.0644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duly cycle) WLAN \$9.6 \$1.9.6 \$1.0644 AAE IEEE 802.11ac						
10633 AAD IEEE 802.11ac WIFF (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 49.6 10635 AAD IEEE 802.11ac WIFF (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 49.6 10635 AAD IEEE 802.11ac WIFF (80 MHz, MCSR, 90pc duty cycle) WLAN 8.81 49.6 10635 AAD IEEE 802.11ac WIFF (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 49.6 10636 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.83 49.6 10637 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.83 49.6 10637 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.85 49.6 10638 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.85 49.6 10639 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.86 49.6 10639 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.86 49.6 10640 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.86 49.6 10641 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 9.06 49.6 10642 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 9.06 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 9.06 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.9 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.9 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.9 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.9 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.9 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.9 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.9 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 9.0 49.6 10644 AAE IEEE 802.11ac WIFF (160 MHz, MCSR, 90pc duty cycle) WLAN 9.0 49.6 10644 AA				<u> </u>		
10833 AAD						
10636 AAD IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle) WLAN 8.81 49.6 10636 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.81 49.6 10637 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.83 49.6 10637 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.86 49.6 10638 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.86 49.6 10639 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.85 49.6 10640 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.85 49.6 10640 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.06 49.6 10641 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.06 49.6 10642 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.06 49.6 10643 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.89 49.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 8.89 49.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10645 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10646 AAH IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10646 AAH IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10646 AAA IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10646 AAA IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10646 AAA IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10647 AAG IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10647 AAG IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 49.6 10648 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)						
10686 AAD						
10636 AAE		_				
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10639 AAE						
10690 AAE IEEE 802.11ac WiFI (160 MHz, MCS3, 90pc duty cycle) WILAN 8.85 ±9.6 10841 AAE IEEE 802.11ac WiFI (160 MHz, MCS4, 90pc duty cycle) WILAN 9.06 ±9.6 10841 AAE IEEE 802.11ac WiFI (160 MHz, MCS5, 90pc duty cycle) WILAN 9.06 ±9.6 10842 AAE IEEE 802.11ac WiFI (160 MHz, MCS5, 90pc duty cycle) WILAN 9.06 ±9.6 10843 AAE IEEE 802.11ac WiFI (160 MHz, MCS5, 90pc duty cycle) WILAN 9.05 ±9.6 10844 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duty cycle) WILAN 9.05 ±9.6 10845 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duty cycle) WILAN 9.15 ±9.6 10846 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duty cycle) WILAN 9.11 ±9.6 10846 AAH ITE-TDD (SC-FOMA, 1 RB, SMHz, QPSK, UL Subframe-2.7) ITE-TDD 11.96 ±9.6 10849 AAC IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duty cycle) WILAN 9.11 ±9.6 10849 AAC IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duty cycle) WILAN 9.11 ±9.6 10849 AAC ITE-TDD (SC-FOMA, 1 RB, SMHz, QPSK, UL Subframe-2.7) ITE-TDD 11.96 ±9.6 10849 AAC ITE-TDD (SC-FOMA, 1 RB, 20 MHz, QPSK, UL Subframe-2.7) ITE-TDD 11.96 ±9.6 10849 AAC ITE-TDD (DFDMA, 5 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 6.99 49.6 10853 AAF ITE-TDD (DFDMA, 5 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 7.42 ±9.6 10855 AAF ITE-TDD (DFDMA, 5 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 7.42 ±9.6 10855 AAF ITE-TDD (DFDMA, 5 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 7.21 ±9.6 10859 AAB Pulse Waveform (200Hz, 20%) Test 10.00 ±9.6 19.6 10859 AAB Pulse Waveform (200Hz, 20%) Test 10.00 ±9.6 10859 AAB Pulse Waveform (200Hz, 20%) Test 0.99 ±9.6 10859 AAB Pulse Waveform (200Hz, 20%) Test 0.99 ±9.6 10859 AAB Pulse Waveform (200Hz, 20%) WILAN 9.90 ±9.6 10859 AAB Pulse Waveform (200Hz, 20%) WILAN 9.90 ±9.6 10859 AAC IEEE 802.11ax (20 MHz, MCSS, 90pc duty cycle) WILAN 8.77 ±9.6 10879 AAC IEEE 802.11ax						
10840 AAE						
10641 AAE						
10642 AAE						
10643 AAE	10642	AAE				
10644 AAE	10643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)			
10846	10644	AAE				
10646	10645	AAE				
10647 AAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2.7)	10646	AAH				
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 C.91 ±9.6 10653 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD C.91 ±9.6 10654 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD C.98 ±9.6 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD C.91 ±9.6 10658 AAB LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD T.21 ±9.6 10659 AAB Pulse Waveform (200Hz, E-TM 3.1, Clipping 44%) Test 10.00 ±9.6 10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9.6 10660 AAB Pulse Waveform (200Hz, 20%) Test 3.98 ±9.6 10661 AAB Pulse Waveform (200Hz, 60%) Test 3.98 ±9.6 10662 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±9.6 10663 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 8.77 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.89 ±9.6 10682 AAC IEEE 802		AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD		
10653 AAF				CDMA2000	3.45	
10654 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 4.9.6 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 4.9.6 10658 AAB Pulse Waveform (200Hz, 10%) Test 10.00 4.9.6 10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99 4.9.6 10660 AAB Pulse Waveform (200Hz, 20%) Test 3.98 4.9.6 10661 AAB Pulse Waveform (200Hz, 60%) Test 2.22 4.9.6 10662 AAB Pulse Waveform (200Hz, 60%) Test 2.22 4.9.6 10663 AAB Pulse Waveform (200Hz, 60%) Test 2.22 4.9.6 10664 AAB Pulse Waveform (200Hz, 60%) Test 0.97 4.9.6 10667 AAA Bulecobil Low Energy Bluetooth 2.19 4.9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 4.9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WILAN 9.09 4.9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WILAN 8.57 4.9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.78 4.9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.74 4.9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WILAN 8.79 4.9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WILAN 8.79 4.9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WILAN 8.79 4.9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WILAN 8.79 4.9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WILAN 8.78 4.9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WILAN 8.89 4.9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WILAN 8.80 4.9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WILAN 8.80 4.9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WILAN 8.62 4.9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WILAN 8.26 4.9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WILAN 8.26 4.9.6				LTE-TDD	6.91	±9.6
10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6				LTE-TDD	7.42	±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 3.98 ±9.6 10662 AAB Pulse Waveform (200Hz, 80%) Test 2.22 ±9.6 10663 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9.6 10670 AAA Bluetoolh 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 8.79 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.70 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.78 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.89 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.80 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.83 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.42 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.33 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.33 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.33 ±9.6 10686 AAC I				LTE-TDD	6.96	±9.6
10659 AAB Pulse Waveform (200Hz, 20%) Test 6.99				LTE-TDD	7.21	±9.6
10660 AAB Pulse Waveform (200Hz, 40%) Test 3.98				Test	10.00	±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 8.70 ±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, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10679 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 8.78 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.26 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS12, 99pc duty cycle) WLAN 8.26 ±9.6 10686 AAC IEEE 802.11ax (20 MHz, MCS12, 99pc duty cycle) WLAN 8.26 ±9.6 10688 AAC IEEE 802.11ax (20 MHz, MCS22, 99pc duty cycle) WLAN 8.26 ±9.6 10688 AAC IEEE 802.11ax (20 MHz, MCS22, 99pc duty cycle) WLAN 8.33 ±9.6 10688 AAC IEEE 802.11ax (20 MHz, MCS22, 99pc du						
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10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6						
10696 AAC IEEE 900 110y (20MHz MCC0 2000 4th 2001)		-		WLAN		
	10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	

UID	Bou	Communication System Name		T = * =	
10687	Rev	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	Group	PAR (dB)	Unc ^E k = 2
10688		IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.45	±9,6
10689		IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.29	±9.6
10690	_	IEEE 802,11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.55 8.29	±9.6
10691		IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692		IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	1 - 10	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	_L	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695		IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	_	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697		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		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 duly 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
10739	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) IEEE 802.11ax (80 MHz, MCS10, 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 (50 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.94	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.16	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.93	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.11	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.04	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.93	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.90	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.79	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.82 8.81	±9.6
			TERM	0.01	±9.6

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10753	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10753	_	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	9.00	±9.6
10755		IEEE 802.11ax (160 MHz, MCS) 1, 90pc duty cycle)	WLAN	8,94	±9.6
10756		IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.64	±9.6
10757		IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758		IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.77 8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760		IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802,11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	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	AAE_	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10776	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10778	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,30	±9.6
10777	AAE	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,34	±9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,42	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.38 8.38	±9.6 ±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAE	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		5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.89 7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAE	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	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, 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 10821	AAE AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAE	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAF	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.36	±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8,39	±9.6
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.41	±9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 KHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.42 8.43	±9.6
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10829	Rev AAF	Communication System Name 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	Group	PAR (dB)	Unc ^E k = 2
10823	AAE	5G NR (CP-OFDM, 100% nB, 100MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.40	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,63	±9.6
10832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73 7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6 ±9.6
10834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	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	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	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	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10864	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8,37	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 100 MHz, QPSK, 80 KHz)	5G NR FR1 TDD	8,41	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR1 TDD	5.89 5,75	±9,6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6 ±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, 100MHz, 16QAM, 120kHz)	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	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	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 10885	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10886	AAE AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10887	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	8,35	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.40 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	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAC	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	AAC	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	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAC	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
	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAU	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10911			5G NR FR1 TDD	5.93	±9.6
10912	AAC		5G NR FR1 TDD	5,84	±9,6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920		5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9,6
10921	+	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922		5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	+	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,84	±9.6
10927	AAD AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	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 (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,52	±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, 25 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 5G NR FR1 FDD	5.51	±9.6
10936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51 5.90	±9.6
10937	AAD	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	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAD	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, 25MHz, QPSK, 15kHz)	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	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10952	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8,25	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 13 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	8.42	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14 8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6 ±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	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAC	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	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAC	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	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9,06	±9,6
10974 10978	AAA	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 HDR4	ULLA	1.16	±9.6
10979	AAA	ULLA HDR8	ULLA	8,58	±9.6
10980	AAA	ULLA HDRp4	ULLA	10.32	±9.6
10982	AAA	ULLA HDR ₀ 8	ULLA	3.19	±9.6
		- · · · · · · · · · · · · · · · · · · ·	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9,42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FRI TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8,68	±9,6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802,11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8,29	±9,6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9,6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±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 Zurlch, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage

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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

Cllent

Element Morgan Hill, USA

Certificate No.

EUmm-9487_Apr24

CALIBRATION CERTIFICATE

Object

EUmmWV4 - SN:9487

J yw 4/25/24

Calibration procedure(s)

QA CAL-02.v9, QA CAL-25.v8, QA CAL-42.v3

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

evaluations in air

Calibration date

April 08, 2024

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) ℃ 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	12-Apr-23 (No. 0001A300692178)	Apr-24
Spectrum analyzer FSV40	SN: 101832	25-Jan-24 (No. 4030-315007551)	Jan-25
Ref. Probe EUmmWV3	SN: 9374	04-Dec-23 (No. EUmm-9374_Dec23)	Dec-24
DAE4ip	SN: 1662	08-Nov-23 (No. DAE4lp-1662_Nov23)	Nov-24

Secondary Standards	ID	Check Date (In house)	Scheduled Check
Generator APSIN28G	SN: 669	28-Mar-17 (In house check May-23)	In house check: May-24
Generator Agilent E8251A	SN: US41140111	28-Mar-17 (in house check May-23)	In house check: May-24

Name

Function

Signature

Callbrated by

Joanna Lleshaj

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: April 10, 2024

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

Certificate No: EUmm-9487_Apr24

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S Swiss Calibration Service

Accreditation No.: SCS 0108

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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 φ rotation around probe axis

Polarization φ Polarization ϑ

 θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is

normal to probe axis

Connector Angle

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

Sensor Angles

sensor deviation from the probe axis, used to calculate the field orientation and polarization

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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 θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- DCPx,y: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP
 does not depend on frequency nor media.
- Note: As the field is measured with a diode detector sensor, it is warrantied that the probe response is linear (E²) below the documented lowest calibrated value.
- 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.

April 08, 2024

Parameters of Probe: EUmmWV4 - SN:9487

Basic Calibration Parameters

	Sensor X	Sensor Y	Unc (k = 2)
Norm (μV/(V/m) ²)	0.01865	0.02608	±10.1%
DCP (mV) B	105.0	105.0	±4.7%
Equivalent Sensor Angle	-59.1	36.6	

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

Frequency GHz	Target E-Fleid V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k = 2) dB
0.75	77.2	-0.10	-0.21	±0.43
1.8	140.4	0.01	-0.03	±0.43
2.0	133.0	0.12	0.16	±0.43
2.2	124.8	-0.08	-0.06	±0.43
2.5	123.0	0.09	0.11	±0.43
3.5	256.2	-0.14	-0.18	±0.43
3.7	249.8	-0.01	-0.07	±0.43
6.6	74.7	-0.04	-0.26	±0.98
8.0	67.2	-0.01	-0.11	±0.98
10.0	66.2	-0.01	0.02	±0.98
15.0	51.2	0.12	0.17	±0.98
26.6	112.6	0.20	0.18	±0.98
30.0	121.9	0.02	0.01	±0.98
35.0	121.3	-0.14	-0.14	±0.98
40.0	102.3	-0.25	-0.25	±0.98
50.0	61.5	-0.03	-0.07	±0.98
55.0	75.9	0.01	-0.05	±0.98
60.0	80.5	0.01	0.03	±0.98
65.0	77.1	0.10	0.14	±0.98
70.0	74.3	0.12	0.11	±0.98
75.0	74.8	0.01	-0.06	±0.98
75.0	96.6	0.00	-0.05	±0.98
80.0	95.4	-0.12	-0.12	±0.98
85.0	58.0	-0.10	-0.08	±0.98
90.0	84.0	-0.00	0.01	±0.98
92.0	83.9	0.03	0.02	±0.98
95.0	76.2	0.03	-0.01	±0.98
97.0	69.1	0.07	0.00	±0.98
100.0	66.9	0.13	0.11	±0.98
105.0	67.2	-0.21	-0.13	±0.98
110.0	78.1	0.05	0.01	±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.

EUmmWV4 - SN:9487 April 08, 2024

Parameters of Probe: EUmmWV4 - SN:9487

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
	-		₫B	dB√μV		dB	m۷	dev.	Unc ^E
				• •					k = 2
0	CW	Х	0.00	0.00	1.00	0.00	121.6	±2.7%	±4.7%
		Y	0.00	0.00	1.00		80.2		
10352	Pulse Waveform (200Hz, 10%)	X	1.32	60.00	14.15	10.00	6.0	±1.3%	±9.6%
		Y	1.56	60.00	14.48		6.0	1	
10353	Pulse Waveform (200Hz, 20%)	X	0.90	60.00	13.14	6.99	12.0	±1.2%	±9.6%
		Y	1.06	60.00	13.49	Ì	12.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.54	60.00	12.07	3.98	23.0	±1.3%	±9.6%
		Y	0.66	60.00	12.31		23.0		
10355	Pulse Waveform (200Hz, 60%)	X	0.34	60.00	11.48	2.22	27.0	±0.9%	±9.6%
		Y	0.50	60.00	11.18	1	27.0	<u> </u>	
10387	QPSK Waveform, 1 MHz	Х	0.89	60.00	11.58	1.00	22.0	±1.7%	±9.6%
		Y	1.10	60.00	11.07		22.0		
10388	QPSK Waveform, 10 MHz	Х	1.20	60.00	11.99	0.00	22.0	±0.7%	±9.6%
		Y	1.44	60.00	11.41	1	22.0		
10396	64-QAM Waveform, 100 kHz	X	1.94	61.62	14.64	3.01	17.0	±0.7%	±9.6%
		Y	1.91	60.00	13.48	1	17.0		
10399	64-QAM Waveform, 40 MHz	X	2.04	60.00	12.45	0.00	19.0	±0.9%	±9.6%
		Y	2.26	60.00	12.09	1	19.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.02	60.00	12.87	0.00	12.0	±0.9%	±9.6%
		Y	3.35	60.00	12.52	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.

April 08, 2024

Parameters of Probe: EUmmWV4 - SN:9487

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k = 2) dB
0.9	50.0	0.06	-0.04	±0.2
0.9	100.0	-0.01	-0.03	±0.2
0.9	500.0	0.04	0.03	±0.2
0.9	1000.0	0.06	0.05	±0.2
0.9	1500.0	0.05	0.03	±0.2
0.9	2100.0	0.00	0.00	±0.2

Sensor Frequency Model Parameters (750 MHz - 55 GHz)

	Sensor X	Sensor Y
Β (Ω)	69.29	67.20
R _p (Ω)	99.29	92.47
L (nH)	0.06722	0.06235
C (pF)	0.2389	0.2979
C _p (pF)	0.0805	0.0932

Sensor Frequency Model Parameters (55 GHz – 110 GHz)

	Sensor X	Sensor Y
R (Ω)	44.96	45.23
R _p (Ω)	197.48	206.10
L (nH)	0.09565	0.10398
C (pF)	0.0473	0.0449
Cp (pF)	0.0534	0.0501

Sensor Model Parameters

	C1 1F	C2 fF	α V ⁻¹	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V⁻2	T5 V ⁻¹	T6
Х	27.4	199.34	33.78	0.92	2.25	4.99	0.00	0.68	1.01
У	28.6	207.90	33.76	2.66	2.55	5.01	0.00	0.87	1.01

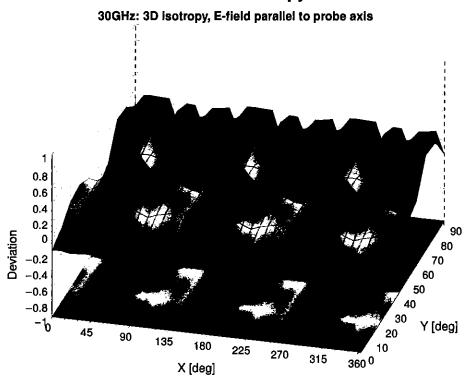
Other Probe Parameters

Sensor Arrangement	Rectangular
Connector Angle	-111.4°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm

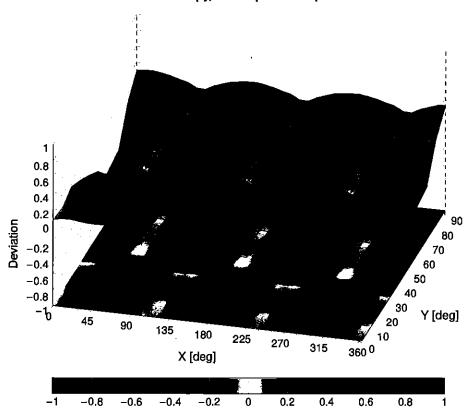
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EUmmWV4 - SN:9487 April 08, 2024

Deviation from Isotropy in Air



60GHz: 3D isotropy, E-field parallel to probe axis



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 ± 0.49 dB Parallel to the field propagation ($\psi=0^\circ-90^\circ$) at 60 GHz: deviation within ± 0.55 dB

EUmmWV4 - SN:9487 April 08, 2024

Appendix: Modulation Calibration Parameters

Lub	Davi	Communication Custom Name	Group	PAR (dB)	Unc ^E $k=2$
UID	Rev	Communication System Name	Group	0.00	±4,7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10010	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10011	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10010	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802,15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PV4-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 (PV4-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, 2Mbps)	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	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9 <u>.6</u>
	 		144 441	10.10	
10067	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10068 10069	CAE CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN WLAN	10.24 10.56	±9.6 ±9.6
10068 10069 10071	CAE CAE CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN WLAN WLAN	10.24 10.56 9.83	±9.6 ±9.6 ±9.6
10068 10069 10071 10072	CAE CAE CAE CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN WLAN WLAN	10.24 10.56 9.83 9.62	±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073	CAE CAE CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074	CAE CAE CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074	CAE CAE CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075	CAE CAE CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076	CAE CAE CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077	CAE CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081	CAE CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10082	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10082 10090	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10082 10090 10097	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10082 10090 10097	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2) EDGE-FDD (TDMA, 8PSK, TN 0-4)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10082 10090 10097 10098	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) UMTS-FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2) EDGE-FDD (TDMA, 8PSK, TN 0-4) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10082 10090 10097 10098 10099	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) UMTS-FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2) EDGE-FDD (TDMA, 8PSK, TN 0-4) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67 6.42	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10092 10090 10097 10098 10099 10100 10101	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPR9-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2) EDGE-FDD (TDMA, 8PSK, TN 0-4) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10092 10097 10098 10099 10100 10101 10102	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSDPA) UMTS-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67 6.42 6.60	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10092 10099 10099 10100 10101 10102 10103	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPR9-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSDPA) UMTS-FDD (TDMA, 8PSK, TN 0-4) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67 6.42 6.60 9.29	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10090 10097 10098 10099 10100 10101 10102 10103 10104	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPRS-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSDPA) UMTS-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67 6.42 6.60 9.29	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10092 10099 10099 10100 10101 10102 10103	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPR9-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2) EDGE-FDD (TDMA, 8PSK, TN 0-4) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67 6.42 6.60 9.29 9.97 10.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10090 10097 10098 10099 10100 10101 10102 10103 10104 10105 10108	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPR9-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSDPA) UMTS-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67 6.42 6.60 9.29 9.97 10.01 5.80	±9.6 ±9.6
10068 10069 10071 10072 10073 10074 10075 10076 10077 10081 10092 10090 10097 10098 10099 10100 10101 10102 10103 10104 10105 10108	CAE CAB CAB CAB CAB CAB CAB CAB CAB CAB CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps) CDMA2000 (1xRTT, RC3) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) GPR9-FDD (TDMA, GMSK, TN 0-4) UMTS-FDD (HSDPA) UMTS-FDD (HSDPA) UMTS-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, G4-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	10.24 10.56 9.83 9.62 9.94 10.30 10.77 10.94 11.00 3.97 4.77 6.56 3.98 3.98 9.55 5.67 6.42 6.60 9.29 9.97 10.01 5.80 6.43	±9.6 ±9.6

Certificate No: EUmm-9487_Apr24

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	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAE	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 6.42	±9.6 ±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
		LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QFSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.20	±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
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	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
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 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	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-TOD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	10.25 5.72	±9.6 ±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, 5MHz, 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	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAE	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) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.10 8.13	±9.6
10197	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.03	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6
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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, 1.4MHz, 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	ÇAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25 9.21	±9.6 ±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) 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
10239	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-TOD	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-TOD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOD	9,20	±9.6
10255 10256	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±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	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	10.13	±9.6 ±9.6
10270 10274	CAG	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	9.58 4.87	±9.6
10274	CAC	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 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	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	AAA	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	LTE-FDD WIMAX	6.60 12.03	±9.6 ±9.6
10301	AAA	IEEE 802.166 WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.03	±9.6
10302	AAA	IEEE 802.166 WIMAX (23.16, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10303	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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[105	Dev. 1	Computation States Name	Group	PAR (dB)	Unc ^E k = 2
UID 10307	Rev AAA	Communication System Name IEEE 802,16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10307	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	AAE	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	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	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	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mops, 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	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6 ±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN WLAN	8.47 8.40	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.41	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.45	±9.6
10426 10427	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10427	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10430	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, 5 MHz, 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	AAD	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
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.8
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 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	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±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-TOD	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, 15MHz, 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 8.52	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10504	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
10505	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-TOD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802.11ac WiFl (20 MHz, MCS1, 99pc duty cycle)	WLÂN	8.42	±9.6
10527	AAD	IEEE 802.11ac WiFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAD	IEEE 802.11ac WiFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAD	IEEE 802.11ac WiFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32 8.44	±9.6
10537	AAD	IEEE 802.11ac WIFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44 8.54	±9.6 ±9.6
10538	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6
10040	AAD	IGEE OUZ. I 180 WIFI (40 MITZ, MICOO, SSPC OUTY CYCIE)	AAFVIA	8.38	T9.0

Tup I	Day	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
UID 10541	Rev	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAD	IEEE 802.11ac WiFl (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802.11ac WiFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WiFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAD	IEEE 802.11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WiFl (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802,11ac WiFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WIFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802.11ac WiFl (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFl (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73 8.56	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN WLAN	8.69	±9.6
10562	AAE	IEEE 802.11ac WiFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.77	±9.6
10563 10564	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11q WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10564	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mops, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b 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 8.67	±9.6 ±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
		IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10585 10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10587	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	JEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN WLAN	8.82 8.94	±9.6 ±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	9.03	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.97	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.82	±9.6
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6
0000	1.0.0		1		

1960 AAD	QID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
1997 ADD REEE 800.11 to WIFE (20MHz, MCSS, 80pc day yorks) WILAN 8.70 19.8						
19011 AAD BEES BOS 1116 WIFF (20MHz, MCSS, 90pc day cycle) WILAN 9.77 19.0					8.78	±9.6
10013 ADD BEER 802.11 to WIFT (20 MHz, MCSR, 90pc duty cycle) WLAN 8.94 9.96 9.98 9.98 10014 ADD EEE 802.11 to WIFT (20 MHz, MCSR, 90pc duty cycle) WLAN 8.82 9.86 10017 ADD EEE 802.11 to WIFT (20 MHz, MCSR, 90pc duty cycle) WLAN 8.82 9.86 10017 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.81 9.86 10017 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.81 9.86 10018 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.81 9.86 10018 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.81 9.86 10018 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.87 9.86 10020 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.87 9.86 10020 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.97 9.86 10020 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.97 9.86 10022 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.97 9.86 10022 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (40 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (60 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (60 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (60 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (60 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (60 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (80 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (80 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022 ADD EEE 802.11 to WIFT (80 MHz, MCSR, 90pc duty cycle) WLAN 8.98 9.86 10022				WLAN	8.70	±9.6
160151 AAD IEEE 802 Tax WHI (20MHA, MCSS, 1909 duly cycle) W.AN 8.82 9.8.6 160151 AAD IEEE 802 Tax WHI (20MHA, MCSS, 1909 duly cycle) W.AN 8.82 9.8.6 160151 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.81 9.8.6 160151 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.81 9.8.6 160151 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.81 9.8.6 160151 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.81 9.8.6 16020 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.87 49.6 16020 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.87 49.6 16022 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.87 49.6 16022 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.87 49.6 16022 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.82 9.8.6 16022 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.82 9.8.6 16022 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.82 9.8.6 18.0.6 16022 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.83 9.8.6 18.0.6 16022 AAD IEEE 802 Tax WHI (40MHA, MCSS, 1909 duly cycle) W.AN 8.86 18.0.6 16022 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.86 18.0.6 16022 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.86 18.0.6 16022 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.86 18.0.6 16022 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.86 18.0.6 16022 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.87 18.0.6 16022 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.87 18.0.6 16022 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.87 18.0.6 16023 AAD IEEE 802 Tax WHI (80MHA, MCSS, 1909 duly cycle) W.AN 8.87 18.0.6 160	10612	AAD	IEEE 802.11ac WiFl (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10915 ADD IEEE 802 T10s WIFT (20 MHz, MCSB, 80pc duty cycle) WLAN 8.82 49.6	10613	AAD	IEEE 802.11ac WiFI (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	
100167 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.92 9.98 100167 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.91 9.98 100167 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.98 9.98 100167 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.98 9.98 100167 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.97 9.98 100167 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.97 9.98 10022 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.97 9.98 10022 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.97 9.98 10022 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.98 9.98 10022 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (40 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.96 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.98 9.98 10022 ADD BEER 802 T1ax WRT (60 MHz, MCSB, 00pc duty grole) WLAN 8.98 9.98 10022 ADD BEER 802 T1ax WRT (60 M	10614	AAD				
16917 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.91 9.96 10918 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.98 9.96 10921 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.97 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.97 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.97 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.96 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.96 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.96 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.96 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.96 9.96 10922 ADD 16EE 802 11ae WHI (40 MHz, MCSS, 160e duty grole) WLAN 8.98 9.96 10922 ADD 16EE 802 11ae WHI (80 MHz, MCSS, 160e duty grole) WLAN 8.98 9.96 10922 ADD 16EE 802 11ae WHI (80 MHz, MCSS, 160e duty grole) WLAN 8.98 9.96 10922 ADD 16EE 802 11ae WHI (80 MHz, MCSS, 160e duty grole) WLAN 8.98 9.96 10922 ADD 16EE 802 11ae WHI (80 MHz, MCSS, 160e duty grole) WLAN 8.91 9.96 10922 ADD 16EE 802 11ae WHI (80 MHz, MCSS, 160e duty grole) WLAN 8.91 9.96 10922 ADD 16EE 802 11ae WHI (80 MHz, MCSS, 160e duty grole) WLAN 8.91 9.96 10922 109		AAD				
106161 AAD IEEE 802 11ae WRF 40 MHz, W.CS2, 900 c duy cycle)						
10620 AAD IEEE 802 11ac WEF (40MHz, MCSS, 900c duly grotel)						
10620 AAD IEEE 802.11 tac WIFF (40 MHz, MCSS, 50po duty cycle) WILAN 8.77 ±9.8						
1992 ADD IEEE 802.11 tac WIFF (40 MHz, MCSS, 900c duly gode)						
10622 AAD IESE 802.1 tas WIF (40 MHz, MCSR, 50 pc duty cycle) WLAN 8.88 4.9.6 10624 AAD IESE 802.1 tas WIF (40 MHz, MCSR, 50 pc duty cycle) WLAN 8.92 4.9.6 10625 AAD IESE 802.1 tas WIF (40 MHz, MCSR, 50 pc duty cycle) WLAN 8.96 4.9.6 10626 AAD IESE 802.1 tas WIF (40 MHz, MCSR, 50 pc duty cycle) WLAN 8.96 4.9.6 10627 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.83 4.9.6 10627 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.83 4.9.6 10627 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.83 4.9.6 10628 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.83 4.9.6 10629 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.85 4.9.6 10629 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.87 4.9.6 10629 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.72 4.9.6 10629 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.72 4.9.6 10629 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.72 4.9.6 10623 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.74 4.9.6 10623 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.81 4.9.6 10623 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.83 4.9.6 10623 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.83 4.9.6 10623 AAD IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.83 4.9.6 10623 AAE IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.81 4.9.6 10623 AAE IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.91 4.9.6 10623 AAE IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.91 4.9.6 10623 AAE IESE 802.1 tas WIF (80 MHz, MCSR, 50 pc duty cycle) WLAN 8.92 4.9.6 10624 AAE IESE 802.1 tas WIF (80 MHz, M					<u> </u>	
19625 AAD						
10625 AAD IEEE 802 136 WIF (40 MHz, MCS8, 80 pc duty cycle) MLAN 8.96 49.6 10626 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) MLAN 8.96 49.6 10627 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.83 42.6 10627 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.83 49.6 10628 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.77 19.6 10628 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.77 19.6 10629 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.77 19.6 10629 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.87 19.6 10630 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.81 19.6 10630 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.81 19.6 10632 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.81 19.6 10632 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.83 19.6 10634 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.83 19.6 10634 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.80 19.6 10635 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.80 19.6 10636 AAD IEEE 802 116 WIF (80 MHz, MCS9, 90 pc duty cycle) WLAN 8.80 19.6 10639 AAE IEEE 802 116 WIF (160 MHz, MCS9, 90 pc duty cycle) WLAN 8.81 19.8 19.8 19.6 10639 AAE IEEE 802 116 WIF (160 MHz, MCS9, 90 pc duty cycle) WLAN 8.81 19.8 19.6 10639 AAE IEEE 802 116 WIF (160 MHz, MCS9, 90 pc duty cycle) WLAN 8.85 19.6 10639 AAE IEEE 802 116 WIF (160 MHz, MCS9, 90 pc duty cycle) WLAN 8.86 19.6 10639 AAE IEEE 802 116 WIF (160 MHz, MCS9, 90 pc duty cycle) WLAN 8.86 19.6 10640 AAE IEEE 802 116 WIF (160 MHz, MCS9, 90 pc duty cycle) WLAN 8.86 19.6 10640 AAE IEEE 802 116 WIF (16						
10628 AAD						
10627 AAD EEE 602.11ac WIF1 (60 MHz, MCSS), 90pc duly cycle) WILAN 8.88 49.6						
10629 AAD EEE 802.11ac WIF1 (80 MHz, MCSS, 900c duty cycle) WIAN 8.88 19.6					8.83	
10629 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.85 19.6 10630 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.72 19.6 10631 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.74 29.6 10632 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.74 29.6 10633 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.83 19.6 10634 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.83 19.6 10635 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.80 19.6 10635 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 19.6 10636 AAD EEE 802.11ac WFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.83 19.6 10637 AAE EEE 802.11ac WFI (80 MHz, MCS), 90pc duty cycle) WLAN 8.83 19.6 10638 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 8.84 19.6 10639 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 8.85 19.6 10639 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 8.86 19.6 10640 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 8.85 19.6 10641 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 8.85 19.6 10644 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.06 29.6 10644 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.06 29.6 10644 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.06 29.6 10644 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.06 29.6 10644 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.06 29.6 10645 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.05 29.6 10646 AAE EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.05 29.6 10647 AAG EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.05 29.6 10648 AAB EEE 802.11ac WFI (160 MHz, MCS), 90pc duty cycle) WLAN 9.05 29.6 10649 AAB EE		AAD		WLAN	8.88	±9.6
10830 AAD IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle) WLAN 8.72 4.9.6 10831 AAD IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duty cycle) WLAN 8.74 4.9.6 10833 AAD IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duty cycle) WLAN 8.74 4.9.6 10833 AAD IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duty cycle) WLAN 8.83 4.9.6 10833 AAD IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.80 4.9.6 10834 AAD IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.81 4.9.8 10836 AAE IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.81 4.9.8 10836 AAE IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.81 4.9.8 10836 AAE IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.81 4.9.8 10836 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.84 4.9.6 10839 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.85 4.9.6 10839 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.85 4.9.6 10840 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.85 4.9.6 10841 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.85 4.9.6 10842 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.06 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.06 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.06 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.06 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 4.9.6 10844 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN	10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10632 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.74 19.6 10632 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.74 19.6 10633 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 19.6 10634 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 19.6 10635 AAD IEEE 802.11ac WIFI (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 19.8 10635 AAD IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.81 19.8 10635 AAD IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.93 19.6 10637 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.93 19.6 10639 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.93 19.6 10639 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.96 19.6 10639 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.86 19.6 10640 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.96 19.6 10640 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 8.96 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.11 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.11 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.11 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle) WLAN 9.11 19.6 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz,	10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10632 AAD IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duly cycle) WLAN 8.84 19.6 10633 AAD IEEE 802.11ac WIFI (80 MHz, MCS8, 30pc duly cycle) WLAN 8.83 19.6 10633 AAD IEEE 802.11ac WIFI (80 MHz, MCS8, 30pc duly cycle) WLAN 8.81 19.8 10635 AAD IEEE 802.11ac WIFI (80 MHz, MCS9, 30pc duly cycle) WLAN 8.81 19.8 10636 AAE IEEE 802.11ac WIFI (80 MHz, MCS9, 30pc duly cycle) WLAN 8.83 19.6 10636 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 30pc duly cycle) WLAN 8.79 19.6 10636 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 30pc duly cycle) WLAN 8.85 19.6 10638 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 30pc duly cycle) WLAN 8.86 19.6 10639 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 30pc duly cycle) WLAN 8.85 19.6 10640 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 30pc duly cycle) WLAN 8.85 19.6 10640 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 30pc duly cycle) WLAN 8.86 19.6 10641 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.06 19.6 10642 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.06 19.6 10643 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.06 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.05 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 8.89 19.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 8.90 19.6 10645 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.05 19.6 10646 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.05 19.6 10646 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.05 19.6 10646 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.05 19.6 10646 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.05 19.6 10646 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 50pc duly cycle) WLAN 9.05 19.6 10646 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 5		AAD				
1963 AAD		AAD				
19636 AAD						
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10638 AAE						
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T0640 AAE IEEE 802.11ac WiFI (160 MHz, MCS4, 90pc duly cycle) WLAN 8.08 ±9.6 10641 AAE IEEE 802.11ac WiFI (160 MHz, MCS5, 90pc duly cycle) WLAN 9.06 ±9.8 10642 AAE IEEE 802.11ac WiFI (160 MHz, MCS6, 90pc duly cycle) WLAN 9.06 ±9.6 10643 AAE IEEE 802.11ac WiFI (160 MHz, MCS6, 90pc duly cycle) WLAN 8.09 ±9.6 10644 AAE IEEE 802.11ac WiFI (160 MHz, MCS8, 90pc duly cycle) WLAN 8.09 ±9.6 10644 AAE IEEE 802.11ac WiFI (160 MHz, MCS8, 90pc duly cycle) WLAN 9.05 ±9.6 10645 AAE IEEE 802.11ac WiFI (160 MHz, MCS8, 90pc duly cycle) WLAN 9.11 ±9.6 10646 AAH ITE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe-2,7) I.TE-TDD 11.96 ±9.6 10647 AAG I.TE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe-2,7) I.TE-TDD 11.96 ±9.6 10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9.6 10648 AAA I.TE-TDD (CPDMA, 5 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 6.91 ±9.6 10653 AAF I.TE-TDD (CPDMA, 5 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 6.91 ±9.6 10653 AAF I.TE-TDD (CPDMA, 15 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.22 ±9.6 10655 AAF I.TE-TDD (CPDMA, 15 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.6 10655 AAF I.TE-TDD (CPDMA, 20 MHz, E-TM 3.1, Clipping 44%) I.TE-TDD 7.21 ±9.						
10841 AAE						
10642 AAE				_		
10644 AAE		AAE		WLAN	9.06	±9.6
10645 AAE	10643	AAE	IEEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10846	10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10647 AAG	10645	AAE	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLÂN		
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 C.91 ±9.6 10653 AAF LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD C.91 ±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, 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 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10655 AAB Pulse Waveform (200Hz, 20%) Test 10.00 ±9.6 10659 AAB Pulse Waveform (200Hz, 40%) Test 6.99 ±9.6 10660 AAB Pulse Waveform (200Hz, 60%) Test 3.98 ±9.6 10661 AAB Pulse Waveform (200Hz, 60%) Test 2.22 ±9.6 10662 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 10671 AAC LEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6 10672 AAC LEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 10673 AAC LEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9.6 10675 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10676 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC LEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.73 ±9.6 10676 AAC LEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC LEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.73 ±9.6 10679 AAC LEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.73 ±9.6 10679 AAC LEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.79 ±9.6 10679 AAC LEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.79 ±9.6 10680 AAC LEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC LEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN		AAH				
10652 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	1 2 2 11				-	
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 10.00 ±9.6 10660 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±9.6 10661 AAB Pulse Waveform (200Hz, 60%) 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 10667 AAA Bluetooth Low Energy Bluetooth Low Energy Bluetooth Low Energy Bluetooth Low Energy Bluetooth 2.19 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 9.09 ±9.6 10673 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 10675 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.80 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.83 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) W			, , , , , , , , , , , , , , , , , , , ,			
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 Wavelorm (200Hz, 20%) Test 10.00 ±9.6 10659 AAB Pulse Wavelorm (200Hz, 20%) Test 5.99 ±9.6 10660 AAB Pulse Wavelorm (200Hz, 60%) Test 3.98 ±9.6 10661 AAB Pulse Wavelorm (200Hz, 60%) Test 2.22 ±9.6 10662 AAB Pulse Wavelorm (200Hz, 60%) 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) WILAN 9.09 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WILAN 8.57 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WILAN 8.78 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.74 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.74 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.79 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.79 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.79 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.79 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.79 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.79 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.79 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.89 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.89 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.80 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WILAN 8.82 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty			<u> </u>		4	
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10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6						
				WLAN	8.33	
	10686	AAC		WLAN	8.28	±9.6

Lub	D	On which the Original Name		PAR (dB)	$Unc^{E} k = 2$
UID	Rev	Communication System Name	Group WLAN	8.45	±9.6
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.29	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.55	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.29	±9.6
10690 10691	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.25	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 39pc duty cycle)	WLAN	8.78	±9.6
\vdash		HEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10696 10697	AAC		WLAN	8.61	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10698	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
10701	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10702		IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
	AAC		WLAN	8.56	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.69	±9.6
10705 10706	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10706		IEEE 802.11ax (40 MHz, MCS11, 30pc duty cycle)	WLAN	8.32	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.55	±9.6
10708	AAC	REEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.33	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.29	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.39	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.67	±9.6
10712	AAC	IEEE 802,11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10713	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
10717	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS01, 99pc duty cycle)	WLAN	8.81	±9.6
10719	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
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6 ±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)		8.58	
	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53 8.54	±9.6
10764 10765	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6 ±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10767	AAE	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
10709	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10774	AAF	5G NR (CP-OFDM, 1 RB, 50 MRz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10776	AAE	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	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10778	AAC	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10788	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAE	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	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QP\$K, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAE	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	AAE	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	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
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10827 10828	AAF 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 8.43	±9.6

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10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAE	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, 15MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAE	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	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	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	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	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	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.36 8.37	±9.6 ±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10857	AAE	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	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, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10889	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	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	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 (CP-OFDM, 1 RB, 100 MHz, 64QAM, 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 8.38	±9.6
10881	AAE	5G NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 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, 50MHz, 16QAM, 120kHz)	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, 120kHz)	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	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±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, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	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	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAC	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	AAC	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	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAC	5G NR (DFT-S-OFDM, 1 RB, 40 MHz, QPSK, 30 KHz) 5G NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68 5.68	±9.6
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6 ±9.6
10905	AAD	5G NR (DFT-S-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAE	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.78	±9.6
10908	AAC	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, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

1991 AAC 00 NR (DEF-OFDM, 1905 NR 98, 2014-1905 NR	ŲID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
16912 AAC SQ NR (DFF-OFEN) BOW RR, 30MHz, CPSK, 30MHz SO NR FRI TIDD 5.84 9.66						
1991 ADC 60 RF (DFF-OFFEM, SOW RR, SOW R.) 50 NR FRI TIDD 5.84 9.86 9.86 1991 ADC 60 RF (DFF-OFFEM, SOW RR, SOW) 50 NR FRI TIDD 5.84 9.86 1991 ADC 60 RF (DFF-OFFEM, SOW RR, SOW) 50 NR FRI TIDD 5.83 9.86 1991 ADC 60 RF (DFF-OFFEM, SOW RR, SOW) 50 NR FRI TIDD 5.83 9.86 1991 ADC 60 RF (DFF-OFFEM, SOW RR, SOW) 50 NR FRI TIDD 5.84 9.86 1991 ADC 60 RF (DFF-OFFEM, SOW RR, SOW) 50 NR FRI TIDD 5.84 9.86 1991 ADC 60 RF (DFF-OFFEM, SOW RR, SOW) 50 NR FRI TIDD 5.84 9.86 1992 ADC 60 RF (DFF-OFFEM, 100% RR, SOW) 50 NR FRI TIDD 5.86 9.86 1995 ADC 60 RF (DFF-OFFEM, 100% RR, SOW) 50 NR FRI TIDD 5.86 9.86 1995 ADC 60 RF (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.86 9.86 1995 ADC 60 RF (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.86 9.86 1995 ADC 60 RF (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.86 9.86 1995 ADC 60 RF (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.86 9.86 1995 ADC 60 NR (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.86 9.86 1995 ADC 60 NR (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.84 9.86 1995 ADC 60 NR (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.84 9.86 1995 ADC 60 NR (DFF-OFFEM, 100% RR, SOW) 60 NR FRI TIDD 5.84 9.86 1995 ADC 60 NR (DFF-OFFEM, 100% RR, SOW) 60 NR (DFF-OFFEM, 100%						
1991 AMC SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.68 4.96 19916 AMD SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.68 4.96 19916 AMD SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.67 4.96 19917 AMD SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.97 4.96 19918 AME SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.94 4.96 19919 AME SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.98 4.96 19929 AME SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.98 4.96 19929 AME SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.98 4.96 19924 AME SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.97 4.96 19924 AME SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.97 4.96 19924 AME SO NR FORT-OFFINE SOM RE, SOM PS, CORNEL SO NR FRI TIDD 5.94 4.96 19924 AMD SO NR FORT-OFFINE SOM RE, SOM PS, SOM P						
19915 ADD SG NR (PET-COPEN), 50% RB, 60MHz, CPSK, 50MHz) SG NR FRI TDD S.63 49.6						
19916 ADD 80 NR (DFF-OFDM, 50% RB, 80MHz, CPSK, 50MHz) SGN RFRI TIDD 5.87 4.96 19917 ADD SGN RFRI TIDD 5.86 4.96 19918 AE, SGN RICPT-OFT-OFT-M, 500% RB, 50MHz, CPSK, 50MHz) SGN RFRI TIDD 5.86 4.96 19919 AC, SGN RICPT-OFT-OFT-M, 500% RB, 50MHz, CPSK, 50MHz) SGN RFRI TIDD 5.86 4.96 19929 AAB, SGN RICPT-OFT-OFT-M, 500% RB, 15MHz, CPSK, 30MHz) SGN RFRI TIDD 5.87 4.96 19929 AAB, SGN RICPT-OFT-OFT-M, 500% RB, 15MHz, CPSK, 30MHz) SGN RFRI TIDD 5.87 4.95 19922 AAB, SGN RICPT-OFT-OFT-M, 500% RB, 15MHz, CPSK, 30MHz) SGN RFRI TIDD 5.87 4.95 19922 AAB, SGN RICPT-OFT-OFT-M, 500% RB, 15MHz, CPSK, 30MHz) SGN RFRI TIDD 5.82 4.95 19923 AAC SGN RICPT-OFT-OFT-M, 500% RB, 40MHz, CPSK, 30MHz) SGN RFRI TIDD 5.84 4.95 19923 AAC SGN RICPT-OFT-OFT-M, 500% RB, 40MHz, CPSK, 30MHz) SGN RFRI TIDD 5.84 4.95 19924 AAD SGN RICPT-OFT-OFT-M, 500% RB, 40MHz, CPSK, 30MHz) SGN RFRI TIDD 5.84 4.95 19925 AAD SGN RICPT-OFT-OFT-M, 500% RB, 40MHz, CPSK, 30MHz) SGN RFRI TIDD 5.84 4.95 19925 AAD SGN RICPT-OFT-OFT-M, 500% RB, 60MHz, CPSK, 30MHz) SGN RFRI TIDD 5.84 4.95 19926 AAD SGN RICPT-OFT-OFT-M, 500% RB, 60MHz, CPSK, 30MHz) SGN RFRI TIDD 5.84 4.95 19926 AAD SGN RICPT-OFT-OFT-M, 500% RB, 60MHz, CPSK, 30MHz) SGN RFRI TIDD 5.84 4.95 19926 AAD SGN RICPT-OFT-OFT-M, 1992 RB, 60MHz, CPSK, 30MHz) SGN RFRI TIDD 5.82 4.95 19926 AAD SGN RICPT-OFT-OFT-M, 1992 RB, 60MHz, CPSK, 50MHz) SGN RFRI TIDD 5.82 4.95 1992 RB, 60MHz, CPSK, 50MHz, CPSK, 50MHz) SGN RFRI TIDD 5.82 4.95 1992 RB, 60MHz, CPSK, 50MHz, CPSK, 50MH				5G NR FR1 TDD	5.83	±9.6
1991 AAD SG NR (DFS-OFEM) MOW RR B, 100MHz, OPSK, 30MHz) SG NR FRI TOD 5.94 49.8 1991 AAC SG NR (DFS-OFEM) MOW RR B, 100MHz, OPSK, 30MHz) SG NR FRI TOD 5.86 49.8 1991 AAC SG NR (DFS-OFEM) MOW RR B, 100MHz, OPSK, 30MHz) SG NR FRI TOD 5.86 49.8 1992 AAC SG NR (DFS-OFEM) MOW RR B, 100MHz, OPSK, 30MHz) SG NR FRI TOD 5.84 49.8 1992 AAC SG NR (DFS-OFEM) MOW RR B, 100MHz, OPSK, 30MHz) SG NR FRI TOD 5.84 49.8 1992 AAC SG NR (DFS-OFEM) MOW RR B, 20MHz, OPSK, 30MHz) SG NR FRI TOD 5.84 49.8 1992 AAC SG NR (DFS-OFEM) MOW RR B, 20MHz, OPSK, 30MHz) SG NR FRI TOD 5.84 49.8 1992 AAC SG NR (DFS-OFEM) MOW RR B, 20MHz, OPSK, 30MHz) SG NR FRI TOD 5.84 49.6 1992 AAC SG NR (DFS-OFEM), MOW RR B, 30MHz, OPSK, 30MHz) SG NR FRI TOD 5.84 49.6 1992 AAC SG NR (DFS-OFEM), MOW RR B, 50MHz, OPSK, 30MHz) SG NR FRI TOD 5.95 49.6 1992 AAC SG NR (DFS-OFEM), MOW RR B, 50MHz, OPSK, 30MHz) SG NR FRI TOD 5.95 49.6 1992 AAC SG NR (DFS-OFEM), MOW RR B, 50MHz, OPSK, 30MHz) SG NR FRI TOD 5.94 49.6 1992 AAC SG NR (DFS-OFEM), MOW RR B, 50MHz, OPSK, 30MHz) SG NR FRI TOD 5.94 49.6 1992 AAC SG NR (DFS-OFEM), MOW RR B, 50MHz, OPSK, 30MHz) SG NR FRI TOD 5.94 49.6 1992 AAC SG NR (DFS-OFEM), MOW RR B, 50MHz, OPSK, 30MHz) SG NR FRI TOD 5.94 49.6 1992 AAC SG NR (DFS-OFEM), TB, SG MMY, OPSK, 15MHz) SG NR FRI TOD 5.91 49.6 1992 AAC SG NR (DFS-OFEM), TB, SG MMY, OPSK, 15MHz) SG NR FRI TOD 5.91 49.6 1993 AAC SG NR (DFS-OFEM), TB, SG MMY, OPSK, 15MHz) SG NR FRI FDD 5.51 49.6 1993 AAC SG NR (DFS-OFEM), TB, SG MMY, OPSK, 15MHz) SG NR FRI FDD 5.51 49.6 1993 AAC SG NR (DFS-OFEM), TB, SG MMY, OPSK, 15MHz) SG NR FRI FDD 5.91 49.6 1993 AAC SG NR (DFS-OFEM), TB, SG MMY, OPSK, 15MHz) SG NR FRI FDD 5.91 49.6 1993 AAC SG NR (DFS-OFEM), TB, SG MMY, OPSK, 15MHz) SG NR FRI FDD 5.91 49.6 1993 AAC SG NR (DFS-OFEM), TB, S					5.87	
19919 AAC. SIG NR (DIFF-CPCM), 1096/ RI, 5MHz, CPSK, 30Hz) SIG NR FRI TIDD 5.86 9.9.6				5G NR FR1 TDD	5.94	±9.6
1991 ACC 60 NR DETS-CPEM, 109% RB, 10MHz, CPSK, 20HH2 50 NR FRI 170D 5.66 19.66 19.67 19.68				5G NR FR1 TDD	5.86	±9.6
1992 AAB 56 NR (DFT-6 OFDM, 100%, RB, 54MHz, OPSK, 50MHz)		<u> </u>		5G NR FR1 TDD	5.86	±9.6
1992 ABJ SG NR (PFT=0FFW, 1996, NR, 258Hr, CPSK, 30Ht)	10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
19825 ACC SO IN ROPE-COPIN, 100K PB, 30MHz, CPSK, 30HL2) SO IN REPT TOD 5.84 3.9.6	10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
19925 AAD SG NR (DFT-CPPM, 1997K, RB, 40MHz, 0PSK, 198Hz)	10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
19925 AAC SG NR (DFT-S-OFDM, 1009K, RB, 50MHz, OPSK, 30MHz) SG NR FRI TDD 5.94 ±9.6 19927 AAD 50 NR (DFT-S-OFDM, 1009K, RB, 60MHz, OPSK, 30MHz) SG NR FRI TDD 5.94 ±9.6 19928 AAD 50 NR (DFT-S-OFDM, 178, 50MHz, OPSK, 15MHz) SG NR FRI TDD 5.95 ±9.6 19928 AAD 50 NR (DFT-S-OFDM, 178, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.52 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.52 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.52 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 25MHz, OPSK, 15MHz) SG NR FRI FDD 5.52 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 25MHz, OPSK, 15MHz) SG NR FRI FDD 5.52 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 25MHz, OPSK, 15MHz) SG NR FRI FDD 5.51 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 25MHz, OPSK, 15MHz) SG NR FRI FDD 5.51 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 30MHz, OPSK, 15MHz) SG NR FRI FDD 5.51 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 30MHz, OPSK, 15MHz) SG NR FRI FDD 5.51 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.51 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.51 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 178, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.51 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.50 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.50 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.50 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.50 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.50 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.82 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK, 15MHz) SG NR FRI FDD 5.50 ±9.6 19928 AAD SG NR (DFT-S-OFDM, 609 RB, 50MHz, OPSK,	10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
1992F AAD SO NR (DFT-SOFDM, 100W, RB, 80 MHz, OPSK, 150 MHz) SO NR FRI FIDD 5.94 ±9.6	10924	AAD		5G NR FR1 TDD	5.84	±9.6
1992 AAD SG NR (DFT-G-PDM, T98, SH, C)PSK, 150Hz)	10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	
1998 AAD GG NR (DFFs-OFDM, 1RB, GMHz, OPSK, 15Hz) SG NR FRI FDD 5.52 19.6	10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)			
10930 AAD GG NR (DFTs-OFDM, 1 RB, 15MHz, QPSK, 15HHz) SG NR FR1 FDD 5.52 19.6	10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)			
10930 AAC GG NR (DFTs-OFDM, 1 FB, 15MHz, OPSK, 15MHz) 5G NR FR1 FDD 5.52 19.6	10928	AAD				
1932 AAC GG NR (DFTs-OFDM, 1 RB, 25MHz, QPSK, 15kHz) SG NR FRI FDD 5.51 19.6	10929	AAD				
10982 AAC 60 NR (DFT-6-OFDM, 1 RB, 25MHz, QPSK, 15MHz) 5G NR FRI FDD 5.51 ±9.6 10983 AAC 5G NR (DFT-6-OFDM, 1 RB, 30MHz, QPSK, 15MHz) 5G NR FRI FDD 5.51 ±9.6 10985 AAD 5G NR (DFT-6-OFDM, 1 RB, 40MHz, QPSK, 15MHz) 5G NR FRI FDD 5.51 ±9.6 10985 AAD 5G NR (DFT-6-OFDM, 1 RB, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.51 ±9.8 10985 AAD 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.51 ±9.8 10987 AAD 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.90 ±9.6 10987 AAD 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.77 ±9.8 10989 AAC 5G NR FRI FDD 5.90 ±9.6 10989 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.90 ±9.6 10989 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.92 ±9.6 10981 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.82 ±9.6 10981 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.82 ±9.6 10981 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.82 ±9.6 10981 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.83 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.85 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.85 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.85 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.85 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.81 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.81 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, QPSK, 15MHz) 5G NR FRI FDD 5.81 ±9.6 10984 AAC 5G NR (DFT-6-OFDM, 50MHz, 40MHz,						
10939 AAC GO NR (DFT-S-OFDM, 1 RB, 30MHz, OPSK, 15HHz) 5G NR FRI FDD 5.51 19.6						_
10939 AAC SC NR (DFT-S-OFDM, 1 RB, 40MHz, QPSK, 15kHz) SG NR FRI FDD 5.51 4.9.6					_	
10935 AAD 56 NR (DFTs-OFDM, 1 RB, 50MHz, OPSK, 15Hz) 56 NR FRI FDD 5.51 ±9.8 10938 AAD 56 NR (DFTs-OFDM, 50W, RB, 5MHz, OPSK, 15Hz) 56 NR FRI FDD 5.90 ±9.6 10939 AAC 56 NR (DFTs-OFDM, 50W, RB, 16MHz, OPSK, 15Hz) 56 NR FRI FDD 5.90 ±9.6 10939 AAC 56 NR (DFTs-OFDM, 50W, RB, 15MHz, OPSK, 15Hz) 56 NR FRI FDD 5.90 ±9.6 10940 AAC 56 NR (DFTs-OFDM, 50W, RB, 25MHz, OPSK, 15Hz) 56 NR FRI FDD 5.92 ±9.6 10941 AAC 56 NR (DFTs-OFDM, 50W, RB, 25MHz, OPSK, 15Hz) 56 NR FRI FDD 5.89 ±9.6 10942 AAC 56 NR (DFTs-OFDM, 50W, RB, 30MHz, OPSK, 15Hz) 56 NR FRI FDD 5.89 ±9.6 10943 AAC 56 NR (DFTs-OFDM, 50W, RB, 30MHz, OPSK, 15Hz) 56 NR FRI FDD 5.89 ±9.6 10944 AAC 56 NR (DFTs-OFDM, 50W, RB, 50MHz, OPSK, 15Hz) 56 NR FRI FDD 5.89 ±9.6 10945 AAC 56 NR (DFTs-OFDM, 50W, RB, 50MHz, OPSK, 15Hz) 56 NR FRI FDD 5.85 ±9.6 10946 AAC 56 NR (DFTs-OFDM, 100W, RB, 50MHz, OPSK, 15Hz) 56 NR FRI FDD 5.85 ±9.6 10946 AAC 56 NR (DFTs-OFDM, 100W, RB, 50MHz, OPSK, 15Hz) 56 NR FRI FDD 5.85 ±9.6 10946 AAC 56 NR (DFTs-OFDM, 100W, RB, 10MHz, OPSK, 15Hz) 56 NR FRI FDD 5.85 ±9.6 10947 AAC 56 NR (DFTs-OFDM, 100W, RB, 15MHz, OPSK, 15Hz) 56 NR FRI FDD 5.85 ±9.6 10948 AAC 56 NR (DFTs-OFDM, 100W, RB, 15MHz, OPSK, 15Hz) 56 NR FRI FDD 5.85 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100W, RB, 15MHz, OPSK, 15Hz) 56 NR FRI FDD 5.85 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100W, RB, 25MHz, OPSK, 15Hz) 56 NR FRI FDD 5.87 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100W, RB, 25MHz, OPSK, 15Hz) 56 NR FRI FDD 5.94 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100W, RB, 25MHz, OPSK, 15Hz) 56 NR FRI FDD 5.94 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100W, RB, 25MHz, OPSK, 15Hz) 56 NR FRI FDD 5.94 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100W, RB, 25MHz, OPSK, 15Hz) 56 NR FRI FDD 5.94 ±9.6 10949 AAC 56 NR (DFTs-OFDM, 100W, RB, 25MHz, OPSK, 15Hz)						
10938 AAD 5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 15kHz) 5G NR FRI FDD 5.90 ±9.8 10937 AAD 5G NR (DFTs-OFDM, 50% RB, 10MHz, QPSK, 15kHz) 5G NR FRI FDD 5.77 ±9.8 10938 AAC 5G NR (DFTs-OFDM, 50% RB, 15MHz, QPSK, 15kHz) 5G NR FRI FDD 5.89 ±9.6 10939 AAC 5G NR (DFTs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.82 ±9.6 10939 AAC 5G NR (DFTs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.82 ±9.6 10941 AAC 5G NR (DFTs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.82 ±9.6 10941 AAC 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FRI FDD 5.83 ±9.8 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.83 ±9.8 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10943 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10944 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.81 ±9.6 10945 AAD 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FRI FDD 5.81 ±9.6 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FRI FDD 5.81 ±9.6 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.83 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10955 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10955 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10955 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.83 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.83 ±9.6 10955 AAC 5G NR DL (CP-O						
10937 AAD 56 NR (DFFs-OFDM, 50% RB, 10MHz, QPSK, 15kHz) 56 NR FRI FDD 5.77 49.6 10988 AAC 56 NR (DFFs-OFDM, 50% RB, 20MHz, QPSK, 15kHz) 56 NR FRI FDD 5.92 49.6 10989 AAC 56 NR (DFFs-OFDM, 50% RB, 20MHz, QPSK, 15kHz) 56 NR FRI FDD 5.82 49.6 10984 AAC 56 NR (DFFs-OFDM, 50% RB, 20MHz, QPSK, 15kHz) 56 NR FRI FDD 5.82 49.6 10984 AAC 56 NR (DFFs-OFDM, 50% RB, 20MHz, QPSK, 15kHz) 56 NR FRI FDD 5.82 49.6 10984 AAC 56 NR (DFFs-OFDM, 50% RB, 20MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAD 56 NR (DFFs-OFDM, 50% RB, 40MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAD 56 NR (DFFs-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAD 56 NR (DFFs-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAD 56 NR (DFFs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAD 56 NR (DFFs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAD 56 NR (DFFs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAC 56 NR (DFFs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10984 AAC 56 NR (DFFs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 56 NR FRI FDD 5.85 49.6 10985 AAC 56 NR (DFFs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 56 NR FRI FDD 5.92 49.6 10985 AAC 56 NR (DFFs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 56 NR FRI FDD 5.94 49.6 10985 AAC 56 NR (DFFs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 56 NR FRI FDD 5.94 49.6 10985 AAC 56 NR (DFFs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 56 NR FRI FDD 5.92 49.6 10985 AAA 56 NR (DFFs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 56 NR FRI FDD 5.92 49.6 10985 AAA 56 NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 56 NR FRI FDD 5.92 49.6 10985 AAA 56 NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 56 NR FRI FDD 5.92 49.6 10985 AAA 56 NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 56 NR FRI FDD 5.92 49.6 109						
1988 AAC 5G NR (DFTs-OFDM, 50% RB, 15MHz, QPSK, 15kHz)						
1989 AAC 5G NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.82 ±9.6			· · · · · · · · · · · · · · · · · · ·			
10940 AAC SG NR (DFTs-OFDM, 50% RB, 25 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.89 ±9.6 10941 AAC SG NR (DFTs-OFDM, 50% RB, 30 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.6 10942 AAC SG NR (DFTs-OFDM, 50% RB, 40 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.6 10943 AAD SG NR (DFTs-OFDM, 50% RB, 50 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.95 ±9.6 10944 AAD SG NR (DFTs-OFDM, 100% RB, 50 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.95 ±9.6 10946 AAC SG NR (DFTs-OFDM, 100% RB, 10 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.81 ±9.6 10946 AAC SG NR (DFTs-OFDM, 100% RB, 10 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.85 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.83 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.83 ±9.6 10948 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.87 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.94 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.97 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 40 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.97 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 40 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.94 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 60 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.92 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 60 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.92 ±9.6 10950 AAA SG NR (DFTs-OFDM, 100% RB, 60 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.92 ±9.6 10950 AAA SG NR (DFTs-OFDM, 100% RB, 60 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.92 ±9.6 10950 AAA SG NR (DFTs-OFDM, 100% RB, 60 MHz, OPSK, 15 KHz) SG NR FRI FDD 5.92 ±9.6 10950 AAA SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-OAM, 15 KHz) SG NR FRI FDD 8.23 ±9.6 10950 AAA SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-OAM, 30 KHz) SG NR FRI FDD 8.42 ±9.6 10950 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz,						
10941 AAC 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FRI FDD 5.83 ±9.6 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 40MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10943 AAD 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10944 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.81 ±9.6 10945 AAD 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10952 AAA 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10953 AAA 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.23 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.81 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.81 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.81 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FRI FDD 6.92						
19942 AAC SG NR (DFTs-OFDM, 50% RB, 40 MHz, OPSK, 15 kHz) SG NR FRI FDD 5.85 ±9.6				<u> </u>		
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10944 AAD 5G NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15kHz) 5G NR FRI FDD 5.81 ±9.6 10945 AAD 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10952 AAA 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10952 AAA 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10952 AAA 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.41 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.14 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.14 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.91 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 9.29 ±9.6 10956 AAC 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI		1				
10945 AAD 5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.5 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ±9.6 10958 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.						±9.6
10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±6.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.16 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 9.32 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.32 ±9.6 10959 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.55 ±9.6 10959 AAC 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G N				5G NR FR1 FDD	5.85	±9.6
10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.97 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAC 5G NR (DFTs-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 6.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.24 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.33 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 50 kHz) 5G NR FR1 FDD 6.33 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 50 kHz) 5G NR FR1 FDD 6.33 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 50 kHz) 5G NR FR1 TDD 9.30 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 50 kHz) 5G NR FR1 TDD 9.30 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 50 kHz) 5G NR FR1 TDD 9.30 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 50 kHz) 5G NR FR1 TDD 9.30 ±9.6 10956 AAA 5G NR DL (10946	AAC	· · · · · · · · · · · · · · · · · · ·	5G NR FR1 FDD	5.83	±9.6
10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-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, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.24 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.33 ±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 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.35 ±9.6 10964 AAE 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.35 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.35 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 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 9.39 ±9.6 10966 AAB 5	10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 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 6.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.25 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.24 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 6.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAE 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAE 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAE 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAE 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAE 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAC 5G NR DL (10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951 AAD 5G NR (DFTs-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, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.41 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±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 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10965 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ±9.6 10965 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.45 ±9.6 10968 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.45 ±9.6 10968 AAC 5G NR DL	10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6 10961 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAE 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10969 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10969 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR	10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		
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10972 AAC 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAD 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAD 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						
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10974 AAD 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						
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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				ULLA	1,16	±9.6
10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6				ULLA	8.58	±9.6
	10980	AAA			10.32	
10982 AAA ULLA HDRp8 ULLA 3.43 ±9.6	10981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
	10982	AAA	UŁLA HDRp8	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11 025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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