Calibration Laboratory of

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





S

Schweizerischer Kalibrierdienst

- C Service suisse d'étalonnage
 - Servizio svizzero di taratura

S Swiss Calibration Service

Certificate No. D3700V2-1029 Dec23

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

Yongin, Republic of Korea CALIBRATION CERTIFICATE D3700V2 - SN:1029 Object \mathcal{X} QA CAL-22.v7 Calibration procedure(s) Calibration Procedure for SAR Validation Sources between 3-10 GHz December 13, 2023____ Calibration date: 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) Scheduled Calibration Cal Date (Certificate No.) Primary Standards ID # Mar-24 30-Mar-23 (No. 217-03804/03805) SN: 104778 Power meter NRP2 Mar-24 30-Mar-23 (No. 217-03804) Power sensor NRP-Z91 SN: 103244 Mar-24 SN: 103245 30-Mar-23 (No. 217-03805) Power sensor NRP-Z91 30-Mar-23 (No. 217-03809) Mar-24 SN: BH9394 (20k) Reference 20 dB Attenuator Mar-24 30-Mar-23 (No. 217-03810) SN: 310982 / 06327 Type-N mismatch combination Mar-24 07-Mar-23 (No. EX3-3503_Mar23) Reference Probe EX3DV4 SN: 3503 Oct-24 DAE4 SN: 601 03-Oct-23 (No. DAE4-601_Oct23) Check Date (in house) Scheduled Check ID # Secondary Standards In house check: Oct-24 30-Oct-14 (in house check Oct-22) SN: GB39512475 Power meter E4419B In house check: Oct-24 07-Oct-15 (in house check Oct-22) Power sensor HP 8481A SN: US37292783 In house check: Oct-24 SN: MY41093315 07-Oct-15 (in house check Oct-22) Power sensor HP 8481A 15-Jun-15 (in house check Oct-22) In house check: Oct-24 RF generator R&S SMT-06 SN: 100972 In house check: Oct-24 SN: US41080477 31-Mar-14 (in house check Oct-22) Network Analyzer Agilent E8358A Function Signature Name Krešimir Franjić Laboratory Technician Calibrated by: **Technical Manager** Sven Kühn Approved by: Issued: December 13, 2023

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

Calibration Laboratory of

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





S

Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL	tissue simulating liquid
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 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. 0
- 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 = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3700 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.7	⁽ 3.12 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.2 ± 6 %	3.07 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	2.1. ^{1.1} .4.
SAR measured	100 mW input power	6.69 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	67.3 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.44 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.5 W/kg ± 19.5 % (k=2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	51.0	3.55 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.7 ± 6 %	3.47 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	6.26 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	63,1 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm^3 (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.26 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	22.7 W/kg ± 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	(45.0 Ω + 0.1)jΩ
Return Loss	- 25.6 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	42.8 Ω + 1.1 jΩ
Return Loss	- 22.2 dB

General Antenna Parameters and Design

Electrical Delay (one direction) 1.138 ns	Electrical Delay (c	ne direction)		
---	---------------------	---------------	--	--

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	

DASY5 Validation Report for Head TSL

Date: 13.12.2023

Test Laboratory: SPEAG, Zurich, Switzerland

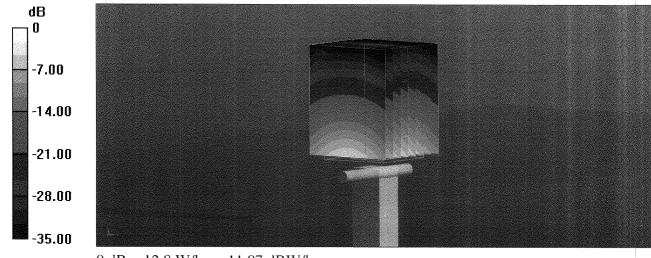
DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1029

Communication System: UID 0 - CW; Frequency: 3700 MHz Medium parameters used: f = 3700 MHz; $\sigma = 3.07$ S/m; $\epsilon_r \neq 38.2$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.73, 7.73, 7.73) @ 3700 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- 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=100 mW, d=10mm, f=3700MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 68.19 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 18.5 W/kg SAR(1 g) = 6.69 W/kg; SAR(10 g) = 2.44 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 74.5% Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

Impedance Measurement Plot for Head TSL

Eile	⊻iew	<u>C</u> hannel	Sw <u>e</u> ep	Calibration	<u>Irace</u> <u>S</u> cale	M <u>a</u> rker	System	<u>W</u> indow	Help		
					<u></u>			À	3.700000 C 5.5801 3.700000 C	pН	45.009 Ω 129.73 ΦΩ 52.546 mU 178.43 °
		Ch 1 Avg = at 0.50000 G		a 							Stop 3.90000 GHz
10.0 5.00 -5.0 -10, -15, -20, -25, -30, -35, -35, -40,		Ch 1 Awg = rt 3.50000 C	20 3Hz						3.700000 C	Hz	-(25.589 dB
Sta	itus	CH 1: §	311		C* 1-Port		Avg=20	Delay			LCL

DASY5 Validation Report for Body TSL

Date: 12.12.2023

Test Laboratory: SPEAG, Zurich, Switzerland

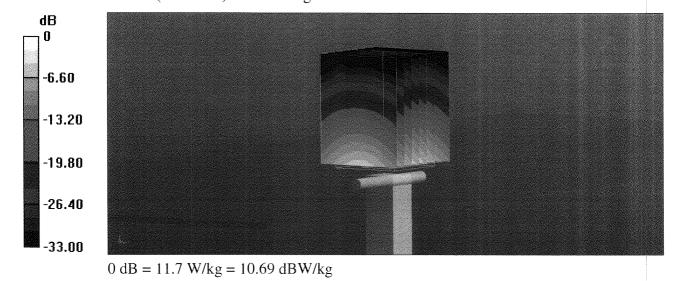
DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1029

Communication System: UID 0 - CW; Frequency: 3700 MHz Medium parameters used: f = 3700 MHz; $\sigma = 3.47$ 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 SN3503; ConvF(7.31, 7.31, 7.31) @ 3700 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- 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=100 mW, d=10mm, f=3700MHz/Zoom Scan , dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 62.38 V/m; Power Drift = 0.00 dB Peak SAR (extrapolated) = 16.6 W/kg SAR(1 g) = 6.26 W/kg; SAR(10 g) \neq 2.26 W/kg Smallest distance from peaks to all points 3 dB below = 7.6 mm Ratio of SAR at M2 to SAR at M1 = 76.2% Maximum value of SAR (measured) = 11.7 W/kg



Certificate No: D3700V2-1029_Dec23

Impedance Measurement Plot for Body TSL

File	⊻iew	Channel	Sw <u>e</u> ep	Calibration	<u>Irace</u> <u>S</u> cale	M <u>a</u> rker	System <u>W</u> in	idow <u>H</u> elp		
		Ch 1 Avg =	20		<u></u>			4!	000 GHz 5.171 pH 000 GHz	42,840 Ω (1.0501 Ω 77.946 mU 171.01 °
	Ch1: Sta	art 3,50000 0								Stop 3.90000 GHz
10.0 5.0 -5.0 -10 -15 -20 -25 -30 -35 -40	0 - 0 10 - 00 - 00 - 00 - 00 - 00 -	d8 \$11 	20 3H2				> 1:	3.700		-22.164 dB
Sta	atus	CH 1: E	311		C* 1-Port		Avg=20 Delay	,		LCL

Calibration Laboratory of

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

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

S

С

Schweizerischer Kalibrierdienst

Service suisse d'étalonnage

Servizio svizzero di taratura

Accreditation No.: SCS 0108

Certificate Not D3700V2-1067 Jan 23

Client Element

ALIBRATION C	ERTIFICAT		
Dbject	D3700V2 - SN:10)67	
Calibration procedure(s)	QA CAL-22.v7 Calibration Proce	edure for SAR Validation Sour	ces between 3-10 GHz BN 430/2023
Calibration date:	January 13, 2023	5	SRS 01/16/24
This calibration certificate documer	ate the traceability to nativ	onal standards, which realize the physica	Limite of maggingmonth (CI)
		robability are given on the following pages	
		y facility: environment temperature (22 ±	
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)	Арг-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: 3503	08-Mar-22 (No. EX3-3503_Mar22)	Mar-23
DAE4	SN: 601	19-Dec-22 (No. DAE4-601_Dec22)	Dec-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		+ UC
Approved by:	Sven Kühn	Technical Manager	5-6-
			Issued: January 16, 2023
This calibration certificate shall not I	be reproduced except in	full without written approval of the laboration	tory.

Calibration Laboratory of

Closes

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





Schweizerischer Kalibrierdienst

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

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

Accreditation No.: SCS 0108

tissue simulating liquid
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	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3700 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.7	3.12 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.8 ± 6 %	3.09 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	6.67 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	66.9 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.43 W/kg

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	51.0	3.55 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	50.7 ± 6 %	3.54 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	900
SAR measured	100 mW input power	6.42 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	64.2 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.30 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	23.0 W/kg ± 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	48.7 Ω + 0.5 jΩ
Return Loss	- 37.0 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	48.0 Ω + 3.0 jΩ
Return Loss	- 28.6 dB

General Antenna Parameters and Design

Electrical Delay (and direction)	
Electrical Delay (one direction)	1.140 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

DASY5 Validation Report for Head TSL

Date: 13.01.2023

Test Laboratory: SPEAG, Zurich, Switzerland

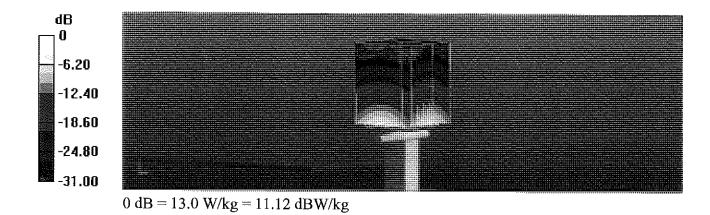
DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1067

Communication System: UID 0 - CW; Frequency: 3700 MHz Medium parameters used: f = 3700 MHz; $\sigma = 3.09$ S/m; $\varepsilon_r = 37.8$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.73, 7.73, 7.73) @ 3700 MHz; Calibrated: 08.03.2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 19.12.2022
- 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=100 mW, d=10mm, f=3700MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 69.52 V/m; Power Drift = -0.05 dB Peak SAR (extrapolated) = 18.4 W/kg SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.43 W/kg Smallest distance from peaks to all points 3 dB below = 8.2 mm Ratio of SAR at M2 to SAR at M1 = 74.9% Maximum value of SAR (measured) = 13.0 W/kg



Impedance Measurement Plot for Head TSL

<u>File</u>	⊻iew	<u>⊂</u> hannel	Sw <u>e</u> ep	Calibration	<u>T</u> race	<u>5</u> cale	M <u>a</u> rker	S <u>y</u> stem	<u>Wi</u> ndow	<u>H</u> elp				
	Ch1: Sra	Ch 1 Avg ≈ art 3.50000 /								21	00 GHz .130 pH 00 GHz	491 14.	8.701 Ω I.22 mΩ 074 mU 159.01 °	
												Stop :	3.90000 GHz	2
10.(5.0 -5.0 -10. -15. -20. -25. -30. -35.	0 - 00 - 00 - 00 - 00 - 00 - 00 - 00 -									3.7000		-33	2.032 dB	
-40.	.00 L Ch1: Sta	<u>Ch 1 Avg =</u> at 3.50000 (20 GHz					<u>[</u>	<u> </u>	l		Stop :	3.90000 GHz	
Lancester	atus	CH 1: §	311		C* 1-Port					A CONTRACTOR OF THE OWNER OF THE				_

DASY5 Validation Report for Body TSL

Date: 10.01.2023

Test Laboratory: SPEAG, Zurich, Switzerland

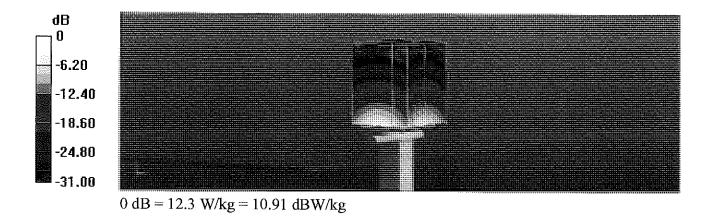
DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1067

Communication System: UID 0 - CW; Frequency: 3700 MHz Medium parameters used: f = 3700 MHz; $\sigma = 3.54$ S/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.31, 7.31, 7.31) @ 3700 MHz; Calibrated: 08.03.2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 19.12.2022
- 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=100 mW, d=10mm, f=3700MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 63.25 V/m; Power Drift = -0.09 dB Peak SAR (extrapolated) = 17.4 W/kg SAR(1 g) = 6.42 W/kg; SAR(10 g) = 2.30 W/kg Smallest distance from peaks to all points 3 dB below = 7.9 mm Ratio of SAR at M2 to SAR at M1 = 75.5% Maximum value of SAR (measured) = 12.3 W/kg



Eile ⊻ieu	w <u>C</u> hannel	Sw <u>e</u> ep	Calibration	<u>Trace</u> <u>S</u>	cale	M <u>a</u> rker	S <u>y</u> stem	<u>W</u> indow	Help					
	Ch 1 Avg =	20								0000 C 128.50 0000 C	pН	2. 36.9	7.951 (9874 (963 ml 122.69	Ω U
[] Ch1:	Start 3.50000 (GHz		668.00000000000000000000000000000000000								Stop 3	.90000 GI	-le
10.00	Contractor and	1												
5.00 6.00 -5.00 -10.00 -15.00 -20.00 -25.00 -30.00 -35.00 -40.00	Image: Ch 1 Avg = Start 3.50000 C	20 BHz 2000555							3.700				.645 d	



ELEMENT MATERIALS TECHNOLOGY

(formerly PCTEST) 7185 Oakland Mills Road, Columbia, MD 21046 USA Tel. +1.410.290.6652 / Fax +1.410.290.6654 http://www.element.com



Certification of Calibration

Object

D3700V2 – SN: 1067

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

Extension Calibration date: 01/12/2024

Description:

SAR Validation Dipole at 3700 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	N5182A	MXG Vector Signal Generator	4/1/2023	Annual	4/1/2024	MY47420837
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343971
Anritsu	MA24106A	Pulse Power Sensor	4/21/2023	Annual	4/21/2024	1349503
Control Company	4040	Therm./ Clock/ Humidity Monitor	1/17/2023	Biennial	1/17/2024	160574418
Control Company	4353	Long Stem Thermometer	9/15/2022	Biennial	9/15/2024	221767767
Mini-Circuits	BW-N20W5+	DC to 18 GHz Precision Fixed 20 dB Attenuator	CBT	N/A	CBT	N/A
Mini-Circuits	NLP-2950+	Low Pass Filter DC to 2700 MHz	CBT	N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Pasternack	NC-100	Torque Wrench	12/5/2022	Biennial	12/5/2024	1240
Mini-Circuits	ZHDC-16-63-S+	Coupler	CBT	N/A	CBT	N/A
Rohde & Schwarz	ZNLE6	Vector Network Analyzer	10/25/2023	Annual	10/25/2024	101307
SPEAG	DAK-3.5	Dielectric Assessment Kit	11/13/2023	Annual	11/13/2024	1277
Keysight Technologies	85033E	3.5mm Standard Calibration Kit	7/18/2023	Annual	7/18/2024	MY53402352
SPEAG	EX3DV4	SAR Probe	6/14/2023	Annual	6/14/2024	7661
SPEAG	DAE4	Dasy Data Acquisition Electronics	5/11/2023	Annual	5/11/2024	728

Measurement Uncertainty = $\pm 23\%$ (k=2)

	Name	Function	Signature
Calibrated By:	Tho Tong	Test Engineer	Tho Tong
Approved By:	Greg Snyder	Executive VP of Operations, Regulatory	Luggelligh

Object:	Date Issued:	Page 1 of 3
D3700V2 – SN: 1067	01/12/2024	rage 1015

DIPOLE CALIBRATION EXTENSION

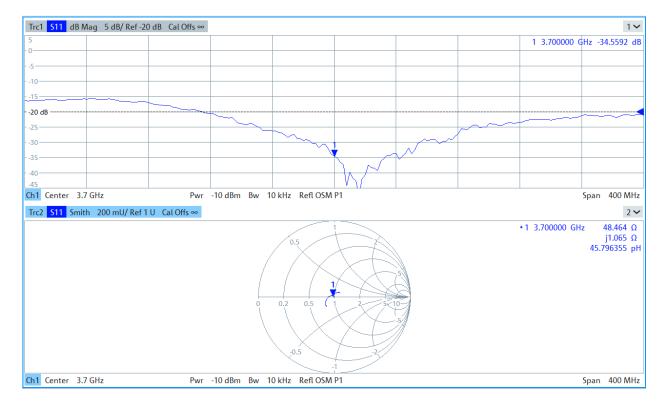
Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

- 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:

Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 20.0 dBm		Deviation 1g (%)	Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	Measured Head SAR (10g) W/kg @ 20.0 dBm	Deviation 10g (%)			Difference (Ohm) Real	Certificate Impedance Head (Ohm) Imaginary		Difference (Ohm) Imaginary	Certificate Return Loss Head (dB)	Measured Return Loss Head (dB)	Deviation (%)	PASS/FAIL
1/13/2023	1/12/2024	1.14	6.69	6.89	2.99%	2.43	2.53	4.12%	48.7	48.5	0.2	0.5	1.1	0.6	-37	-34.6	6.60%	PASS

Object:	Date Issued:	Page 2 of 3
D3700V2 – SN: 1067	01/12/2024	rage 2 01 5



Impedance & Return-Loss Measurement Plot for Head TSL

Object:	Date Issued:	Dogo 2 of 2
D3700V2 – SN: 1067	01/12/2024	Page 3 of 3

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





- S Schweizerischer Kalibrierdienst
- C 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

Columbia, USA

Certificate No. D3900V2-

D3900V2-1056_Oct23

CALIBRATION CERTIFICATE

Object	D3900V2 - SN:1056
Calibration procedure(s)	QA CAL-22.v7 Calibration Procedure for SAR Validation Sources between 3-10 GHz
Calibration date:	SRS October 19, 2023 [2-07-2023

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
Power sensor NRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
Type-N mismatch combination	SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24
Reference Probe EX3DV4	SN: 3503	07-Mar-23 (No. EX3-3503_Mar23)	Mar-24
DAE4	SN: 601	03-Oct-23 (No. DAE4-601_Oct23)	Oct-24
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	400
Approved by:	Sven Kühn	Technical Manager	5 /
			2 · CZ
			Issued: October 19, 2023
This calibration certificate shall not	be reproduced except in	full without written approval of the laboratory	1.

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

Calibration Laboratory of

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





S Schweizerischer Kalibrierdienst

- Service suisse 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	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 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 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	3900 MHz ± 1 MHz 4100 MHz ± 1 MHz	

Head TSL parameters at 3900 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.5	3.32 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.9 ± 6 %	3.26 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 3900 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.78 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	68.2 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	· · · · · · · · · · · · · · · · · · ·
SAR measured	100 mW input power	2.37 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.8 W/kg ± 19.5 % (k=2)

Head TSL parameters at 4100 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.2	3.53 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.7 ± 6 %	3.44 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 4100 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.63 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	66.7 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.30 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.1 W/kg ± 19.5 % (k=2)

Body TSL parameters at 3900 MHz The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	50.8	3.78 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.4 ± 6 %	3.71 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL at 3900 MHz

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	6.49 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	65.3 W/kg ± 19.9 % (k=2)
	····	
SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Body ISL SAR measured	condition 100 mW input power	2.25 W/kg

Body TSL parameters at 4100 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	50.5	4.01 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.2 ± 6 %	3.95 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL at 4100 MHz

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	6.26 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	62.9 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.15 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	21.6 W/kg ± 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 3900 MHz

Impedance, transformed to feed point	47.8 Ω - 6.8 jΩ
Return Loss	- 22.8 dB

Antenna Parameters with Head TSL at 4100 MHz

Impedance, transformed to feed point	59.5 Ω - 1.2 jΩ
Return Loss	- 21.2 dB

Antenna Parameters with Body TSL at 3900 MHz

Impedance, transformed to feed point	46.8 Ω - 4.1 jΩ
Return Loss	- 25.4 dB

Antenna Parameters with Body TSL at 4100 MHz

Impedance, transformed to feed point	59.2 Ω + 1.7 jΩ
Return Loss	- 21.3 dB

General Antenna Parameters and Design

lectrical Delay (one direction)	1.102 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

|--|

DASY5 Validation Report for Head TSL

Date: 16.10.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: D3900V2 - SN:1056

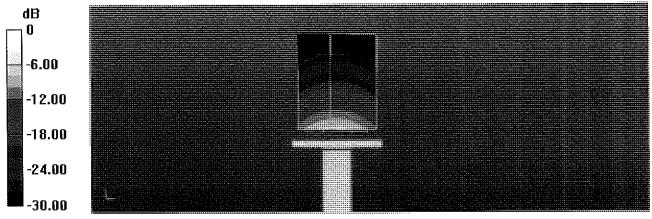
Communication System: UID 0 - CW; Frequency: 3900 MHz, Frequency: 4100 MHz Medium parameters used: f = 3900 MHz; σ = 3.26 S/m; ϵ_r = 37.9; ρ = 1000 kg/m³ Medium parameters used: f = 4100 MHz; σ = 3.44 S/m; ϵ_r = 37.7; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.39, 7.39, 7.39) @ 3900 MHz, ConvF(7.26, 7.26, 7.26) @ 4100 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

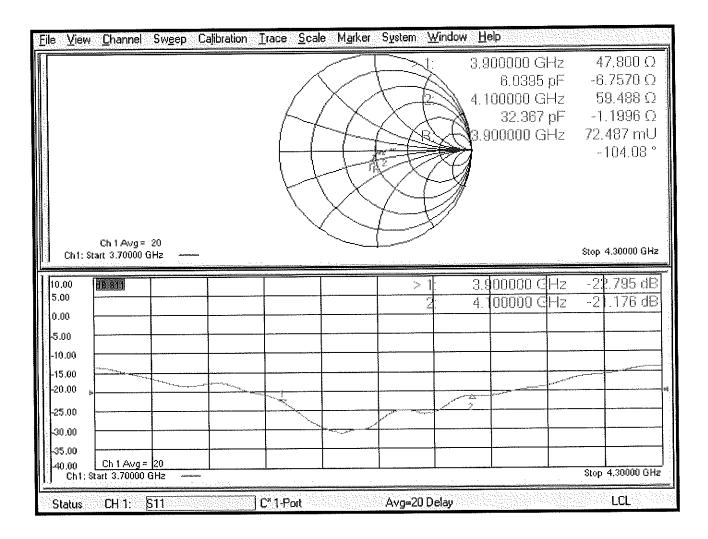
Dipole Calibration for Head Tissue/Pin=100 mW, d=10mm, f=3900MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 69.51 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 19.1 W/kg SAR(1 g) = 6.78 W/kg; SAR(10 g) = 2.37 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 74.1% Maximum value of SAR (measured) = 13.2 W/kg

Dipole Calibration for Head Tissue/Pin=100 mW, d=10mm, f=4100MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 67.87 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 18.8 W/kg SAR(1 g) = 6.63 W/kg; SAR(10 g) = 2.3 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 74% Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

Impedance Measurement Plot for Head TSL



DASY5 Validation Report for Body TSL

Date: 19.10.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: D3900V2 - SN:1056

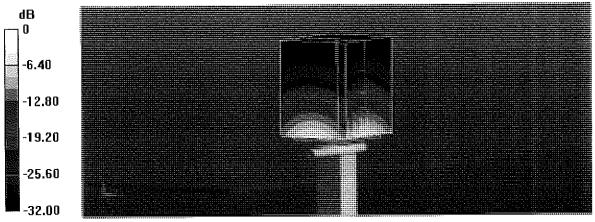
Communication System: UID 0 - CW; Frequency: 3900 MHz, Frequency: 4100 MHz Medium parameters used: f = 3900 MHz; σ = 3.71 S/m; ϵ_r = 51.4; ρ = 1000 kg/m³ Medium parameters used: f = 4100 MHz; σ = 3.95 S/m; ϵ_r = 51.2; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.18, 7.18, 7.18) @ 3900 MHz, ConvF(6.88, 6.88, 6.88) @ 4100 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

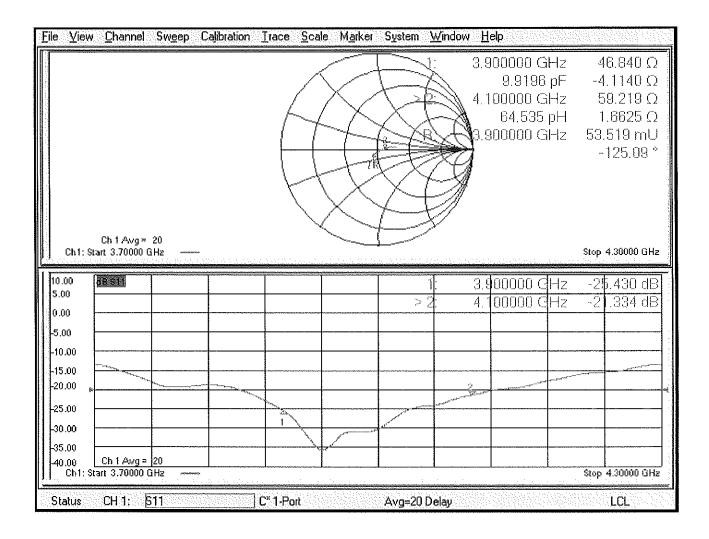
Dipole Calibration for Body Tissue/Pin=100 mW, d=10mm, f=3900MHz/Zoom Scan , dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 62.88 V/m; Power Drift = -0.07 dB Peak SAR (extrapolated) = 18.7 W/kg SAR(1 g) = 6.49 W/kg; SAR(10 g) = 2.25 W/kg Smallest distance from peaks to all points 3 dB below = 7.6 mm Ratio of SAR at M2 to SAR at M1 = 73.6%Maximum value of SAR (measured) = 12.8 W/kg

Dipole Calibration for Body Tissue/Pin=100 mW, d=10mm, f=4100MHz/Zoom Scan , dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 61.50 V/m; Power Drift = -0.09 dB Peak SAR (extrapolated) = 18.9 W/kg SAR(1 g) = 6.26 W/kg; SAR(10 g) = 2.15 W/kg Smallest distance from peaks to all points 3 dB below = 7.9 mm Ratio of SAR at M2 to SAR at M1 = 72.1% Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.8 W/kg = 11.06 dBW/kg

Impedance Measurement Plot for Body TSL



Calibration Laboratory of

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





S

S

Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Client E

Client Element Yongin, Republic of Ke	prea	Certificate No	D5GHzV2-1237_Apr24
CALIBRATION CI	ERTIFICATE		
Object	D5GHzV2 - SN:1	237	실무자 기술책임자
Calibration procedure(s)	QA CAL-22.v7 Calibration Proce	dure for SAR Validation Source	5/위2 1 s between 3-10 GHz
Calibration date:	April 09, 2024		
		onal standards, which realize the physical un robability are given on the following pages a	
All calibrations have been conducte	d in the closed laborator	y 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: 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	30-Jan-24 (No. DAE4-601_Jan24)	Jan-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:	Aidonia Georgiadou	Laboratory Technician	the
Approved by:	Sven Kühn	Technical Manager	50

Issued: April 9, 2024

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

Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S

Schweizerischer Kalibrierdienst

- C 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

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 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 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	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.4 ± 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 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.00 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.1 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.28 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.9 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	35.8 ± 6 %	4.99 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	177	

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.19 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	82.0 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.33 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.3 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	35.6 ± 6 %	5.16 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	7.92 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.2 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.25 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.5 W/kg ± 19.5 % (k=2)

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	35.5 ± 6 %	5.25 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 measured	100 mW input power	8.03 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.4 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.28 W/kg

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	48.4 Ω - 3.5 jΩ	
Return Loss	- 28.2 dB	

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	52.8 Ω + 1.6 jΩ
Return Loss	- 30.0 dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	53.8 Ω + 3.9 jΩ	
Return Loss	- 25.5 dB	

Antenna Parameters with Head TSL at 5850 MHz

Impedance, transformed to feed point	53.9 Ω + 1.4 jΩ	
Return Loss	- 28.1 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.191 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

SPEAG

DASY5 Validation Report for Head TSL

Date: 09.04.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1237

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; $\varepsilon_r = 36.4$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5600 MHz; $\sigma = 4.99$ S/m; $\varepsilon_r = 35.8$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5750 MHz; $\sigma = 5.16$ S/m; $\varepsilon_r = 35.6$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5850 MHz; $\sigma = 5.25$ S/m; $\varepsilon_r = 35.5$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5850 MHz; $\sigma = 5.25$ S/m; $\varepsilon_r = 35.5$; $\rho = 1000$ 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: 30.01.2024
- 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 = 72.98 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 27.4 W/kg SAR(1 g) = 8.0 W/kg; SAR(10 g) = 2.28 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 70.4% Maximum value of SAR (measured) = 18.8 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 = 73.06 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 30.3 W/kg SAR(1 g) = 8.19 W/kg; SAR(10 g) = 2.33 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 67.9% Maximum value of SAR (measured) = 19.6 W/kg

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

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 70.78 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 31.0 W/kg SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.25 W/kg Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 65.9% Maximum value of SAR (measured) = 19.5 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 = 70.72 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 32.3 W/kg SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.28 W/kg Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 64.8% Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 dBW/kg

Impedance Measurement Plot for Head TSL

e ⊻iew	<u>C</u> hannel	Sweep	Calibration	Irace	<u>S</u> cale	Marker	System	₩indow	Help		_
				É	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XA			* 1. 2: 3: 4:	5.250000 GHz 8.7578 pF 5.600000 GHz 45.540 pH 5.750000 GHz 108.45 pH 5.850000 GHz 37.396 pH	48.394 Ω _3.4615 Ω 52.811 Ω 1.6024 Ω _3.840 Ω _3.9181 Ω _53.866 Ω _1.3746 Ω
-	Ch 1 Avg = art 5.00000 (66 \$11		-				Ð		> 1: 2: 3: 4:	Stop 5.250000 GHz 5.200000 GHz 5.750000 GHz 5.350000 GHz	6.00000 GHz 28.232 dB 20.043 dB 25.548 dB 28.068 dB
10.00											

Calibration Laboratory of

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

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

Client Element

Columbia, USA

Certificate No. D5GHzV2-1057_Feb24

CALIBRATION CERTIFICATE

Object	D5GHzV2 - SN:1	057	5R5 03111124
Calibration procedure(s)	QA CAL-22.v7 Calibration Proce	dure for SAR Validation Sources	between 3-10 GHz
Calibration date:	February 21, 202	4	
The measurements and the uncerta	ainties with confidence pr ed in the closed laborator	onal standards, which realize the physical uni obability are given on the following pages an y facility: environment temperature (22 ± 3)°C	d are part of the certificate.
	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Primary Standards 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
Power sensor NRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
Type-N mismatch combination	SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24
Reference Probe EX3DV4	SN: 3503	07-Mar-23 (No. EX3-3503_Mar23)	Mar-24
DAE4	SN: 601	30-Jan-24 (No. DAE4-601_Jan24)	Jan-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	+april 20
Approved by:	Niels Kuster	Quality Manager	NRS
This calibration certificate shall not	t be reproduced except in	full without written approval of the laboratory	Issue February 26, 2024



Schweizerischer Kalibrierdienst

- Service suisse d'étalonnage
- Servizio svizzero di taratura

Swiss Calibration Service

Accreditation No.: SCS 0108

Calibration Laboratory of

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





Schweizerischer Kalibrierdienst

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

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

Glossarv:

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

Calibration is Performed According to the Following Standards:

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

Accreditation No.: SCS 0108

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	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.2 ± 6 %	4.61 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.93 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.4 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.7 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	5.0 7 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.6 ± 6 %	5.00 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		······

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.28 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	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.6 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	35.3 ± 6 %	5.16 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	7.99 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.8 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.7 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5850 MHz

	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	35.2 ± 6 %	5.25 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 measured	100 mW input power	8.15 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	81.5 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.31 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.0 W/kg ± 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	48.7 Ω - 3.4 jΩ
Return Loss	- 28.6 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	55.9 Ω - 0.3 jΩ	
Return Loss	- 25.0 dB	

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	53.5 Ω + 4.0 jΩ
Return Loss	- 25.8 dB

Antenna Parameters with Head TSL at 5850 MHz

Impedance, transformed to feed point	52.2 Ω - 2.2 jΩ	
Return Loss	- 30.4 dB	

General Antenna Parameters and Design

Electrical Delay (one dire	ction)	1.202 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

DASY5 Validation Report for Head TSL

Date: 21.02.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1057

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz, Frequency: 5850 MHz Medium parameters used: f = 5250 MHz; $\sigma = 4.61$ S/m; $\epsilon_r = 36.2$; $\rho = 1000$ kg/m³, Medium parameters used: f = 5600 MHz; $\sigma = 5.00$ S/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³, Medium parameters used: f = 5750 MHz; $\sigma = 5.16$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³, Medium parameters used: f = 5850 MHz; $\sigma = 5.25$ S/m; $\epsilon_r = 35.2$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5850 MHz; $\sigma = 5.25$ S/m; $\epsilon_r = 35.2$; $\rho = 1000$ kg/m³

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.5, 5.5, 5.5) @ 5250 MHz, ConvF(5.1, 5.1, 5.1) @ 5600 MHz, ConvF(5.08, 5.08, 5.08) @ 5750 MHz, ConvF(4.99, 4.99, 4.99) @ 5850 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.01.2024
- 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 = 71.92 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 26.9 W/kg SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.27 W/kg Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 70.5% Maximum value of SAR (measured) = 18.1 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 71.29 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 30.4 W/kg SAR(1 g) = 8.28 W/kg; SAR(10 g) = 2.36 W/kg Smallest distance from peaks to all points 3 dB below = 7.5 mm Ratio of SAR at M2 to SAR at M1 = 67.7% Maximum value of SAR (measured) = 19.4 W/kg

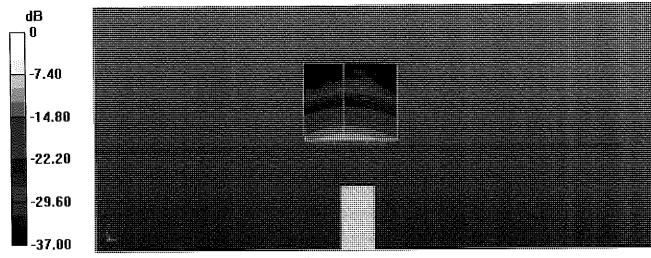
Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 69.35 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 31.1 W/kg SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.27 W/kg Smallest distance from peaks to all points 3 dB below = 7.5 mm Ratio of SAR at M2 to SAR at M1 = 66% Maximum value of SAR (measured) = 19.1 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 = 68.94 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 32.6 W/kg SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.31 W/kg Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 dBW/kg

Impedance Measurement Plot for Head TSL

<u>File</u>	⊻iew	<u>C</u> hannel	Sw <u>e</u> ep Ca	alibration	<u>Trace</u> <u>S</u> cale	e M <u>a</u> rker S <u>v</u>	stem <u>W</u> indow	<u>H</u> elp		
						T		1: 2:	5.250000 GHz 8.8406 pF 5.600000 GHz	48.687 Ω -3.4291 Ω 55.943 Ω -251.07 mΩ
					A	\bigtriangleup		3;	113.20 pF 5.750000 GHz 110.77 pH	53.489 Ω 4.0018 Ω
						~~		> 4: 1	5,850000 GHa 12,644.pF	52.224 Ω -2.1518 Ω
					H	X	SI	R:	5,500000 GHz	25,390 mU -123,42 °
		Ch 1 Avg = art 5,00000 G	iHz							6.00000 GHz
10.	.00	d B S11						1:	5.250000 GHz	-28,593 dB -25,007 dB
5.0 0.0								3:	5, 50000 GHz 5, 50000 GHz	-25.304 dB -30.381 dB
5.0									0.00000 0110	
),00 F									
	1									
	5.00 H									1 1
	5.00 D.00 🙀	**************************************								
-20	-			* atraine						
-20 -25	D.00 🙀									
-20 -25 -30	0.00 »			1					4	
-20 -25 -30 -35	0.00 » 5.00 - 0.00 - 5.00 - 0.00 -	<u>Ch I Avg =</u> art 5.00000	20 GHz	1						6.00000 GHz

Calibration Laboratory of

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





С

S 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 Agr	eement for the reco	ognition of calibration	certificates				
Client Elem Colun	nent nbia, USA		Certificate N	^{40.} D5GHzV2-1191_Jan24			
CALIBR	ATION CI	ERTIFICATE					
Object		D5GHzV2 - SN:1	191 - ²⁰ ¹ -	SRS 01/30/24			
Calibration procedure(s)		QA CAL-22.v7 Calibration Procedure for SAR Validation Sources between 3-10 GHz					
Calibration date	9;	January 17, 2024					
			onal standards, which realize the physical obability are given on the following pages				
All calibrations	have been conducte	d in the closed laborator	y facility: environment temperature (22 \pm 3	3)°C and humidity < 70%.			
Calibration Equ	ipment used (M&TE	critical for calibration)					
Primary Standa	ırds	ID #	Cal Date (Certificate No.)	Scheduled Calibration			
Power meter N	RP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24			
Power sensor N	NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24			
Power sensor N	IRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24			
Reference 20 d		SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24			
Type-N mismat		SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24			
Reference Prob	e EX3DV4	SN: 3503	07-Mar-23 (No. EX3-3503_Mar23)	Mar-24			
DAE4		SN: 601	03-Oct-23 (No. DAE4-601_Oct23)	Oct-24			
Secondary Star	ndards	ID #	Check Date (in house)	Scheduled Check			
Power meter E	4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24			
Power sensor H	IP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24			
Power sensor H	IP 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 Analyz	er 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	Temer -			
Approved by:		Sven Kühn	Technical Manager	Sur			
				Issued: January 18, 2024			
This calibration	certificate shall not l	be reproduced except in	full without written approval of the laborat	tory.			

Calibration Laboratory of

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





S

Schweizerischer Kalibrierdienst

C 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

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 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 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	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.5 ± 6 %	4.65 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	20 mil 10 mil	BU dia lais bis.

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.87 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	78.9 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.7 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	36.1 ± 6 %	5.04 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	83.0 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.38 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.9 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	36.0 ± 6 %	5.18 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	7.86 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	78.9 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.23 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.4 W/kg ± 19.5 % (k=2)

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	35.8 ± 6 %	5.27 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 measured	100 mW input power	7.86 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	78.8 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.24 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.5 W/kg ± 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	51.7 Ω - 8.5 jΩ
Return Loss	- 21.5 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	54.9 Ω - 7.9 jΩ
Return Loss	- 21.1 dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	55.2 Ω - 1.6 jΩ	
Return Loss	- 25.8 dB	

Antenna Parameters with Head TSL at 5850 MHz

Impedance, transformed to feed point	51.3 Ω - 5.5 jΩ	
Return Loss	- 25.0 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.203 ns

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

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

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

Additional EUT Data

Manufactured by	SPEAG

DASY5 Validation Report for Head TSL

Date: 17.01.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1191

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz, Frequency: 5850 MHz Medium parameters used: f = 5250 MHz; $\sigma = 4.65$ S/m; $\varepsilon_r = 36.5$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5600 MHz; $\sigma = 5.04$ S/m; $\varepsilon_r = 36.1$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5750 MHz; $\sigma = 5.18$ S/m; $\varepsilon_r = 36.0$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5850 MHz; $\sigma = 5.27$ S/m; $\varepsilon_r = 35.8$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5850 MHz; $\sigma = 5.27$ S/m; $\varepsilon_r = 35.8$; $\rho = 1000$ kg/m³

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.5, 5.5, 5.5) @ 5250 MHz, ConvF(5.1, 5.1, 5.1) @ 5600 MHz, ConvF(5.08, 5.08, 5.08) @ 5750 MHz, ConvF(4.99, 4.99, 4.99) @ 5850 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- 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,

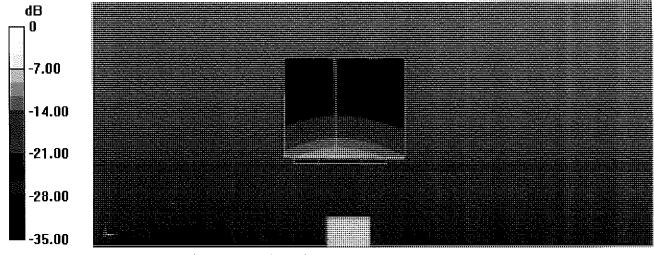
dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 73.66 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 26.6 W/kg SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.27 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 71% Maximum value of SAR (measured) = 18.2 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 = 73.16 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 30.3 W/kg SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.38 W/kg Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 68% Maximum value of SAR (measured) = 19.7 W/kg

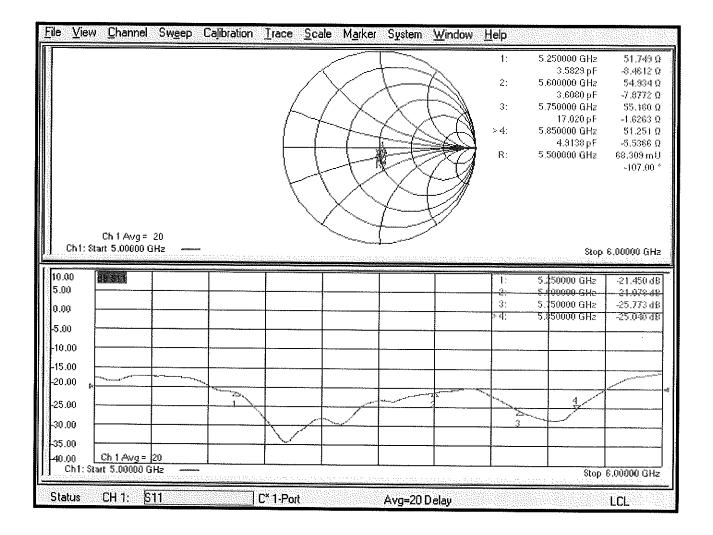
Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 70.39 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 30.6 W/kg SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.23 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 66.2% Maximum value of SAR (measured) = 19.3 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 = 70.63 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 31.1 W/kg SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.24 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 65.5% Maximum value of SAR (measured) = 19.4 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg



,

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





S Schweizerischer Kalibrierdienst

C 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 Columbia, USA

Certificate No. D6.5GHzV2-1111_Feb24

CALIBRATION CERTIFICATE

Object	D6.5GHzV2 - SN	l:111 1	SPS 03104124		
	QA CAL-22.v7 Calibration Procedure for SAR Validation Sources between 3-10 GHz				
Calibration date:	February 22, 2024				
This calibration certificate document The measurements and the uncertain	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.				
		ry facility: environment temperature (22 \pm 3)°C ar	nd humidity < 70%.		
Calibration Equipment used (M&TE	critical for calibration)				
Primary Standards	D#	Cal Date (Certificate No.)	Scheduled Calibration		
Power sensor R&S NRP33T	SN: 100967	03-Apr-23 (No. 217-03806)	Apr-24		
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24		
Mismatch combination	SN: 84224 / 360D	03-Apr-23 (No. 217-03812)	Apr-24		
Reference Probe EX3DV4	SN: 7405	12-Jun-23 (No. EX3-7405_Jun23)	Jun-24		
DAE4	SN: 908	03-Jul-23 (No. DAE4-908_Jul23)	Jul-24		
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 Oct-22)	In house check: Oct-25		
	Name	Function	Signature		
Calibrated by:	Aldonia Georgiadou	Laboratory Technician	Aler		
Approved by:	Sven Kühn	Technical Manager	52		
This calibration certificate shall not b	Issued: February 23, 2024 This calibration certificate shall not be reproduced except in full without written approval of the laboratory.				

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



S C S

Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura

Swiss Calibration Service

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.

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	35.3 ± 6 %	6.32 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	29.0 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	291 W/kg ± 24.7 % (k=2)

SAR averaged over 8 cm ³ (8 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.50 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	65.3 W/kg ± 24.4 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	5.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	53.5 W/kg ± 24.4 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.8 Ω + 3.1 jΩ	
Return Loss	- 29.1 dB	

APD (Absorbed Power Density)

APD averaged over 1 cm ²	Condition	
APD measured	100 mW input power	290 W/m²
APD measured	normalized to 1W	2900 W/m² ± 29.2 % (k=2)

APD averaged over 4 cm ²	condition	
APD measured	100 mW input power	130 W/m²
APD measured	normalized to 1W	1300 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.

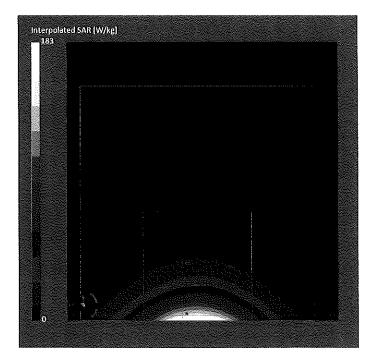
Additional EUT Data

Manufactured by	SPEAG
-	

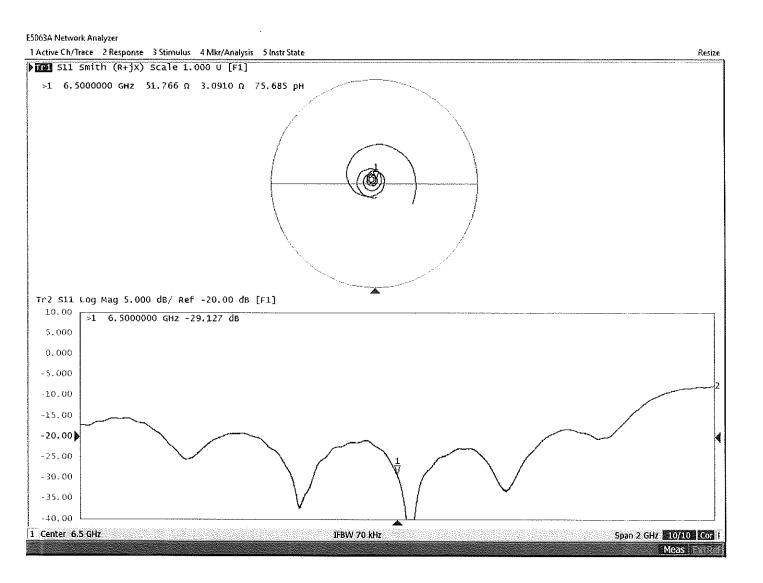
DASY6 Validation Report for Head TSL

Measurement Report for D6.5GHz-1111, UID 0 -, Channel 6500 (6500.0MHz)

Device under Te Name, Manufac D6.5GHz	turer	Dimensions [1 16.0 x 6.0 x 30		1EI I: 1111	DUT Type	2	
Exposure Condi Phantom Section, TSL	tions Position, Te Distance [mm]	st Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Cond. [S/m]	TSL Permittivity
Flat, HSL	5.00	Band	CW,	6500	5.50	6.32	35.3
Hardware Setuj Phantom MFP V8.0 Cente Scan Setup		TSL HBBL600-100	00V6	Probe, Calibr EX3DV4 - 5N Measuremen	7405, 2023-06-12	DAE, Calib ı DAE4 Sn90	ration Date 8, 2023-07-03
Grid Extents [r Grid Steps [mr Sensor Surface Graded Grid Grading Ratio MAIA Surface Detect Scan Method	n] 2 [mm]		Zoom Scan 22.0 x 22.0 x 22.0 3.4 x 3.4 x 1.4 1.4 Yes 1.4 N/A VMS + 6p Measured	Date psSAR1g [W psSAR8g [W psSAR10g [V Power Drift Power Scali Scaling Fact	//Kg] //Kg] W/Kg] [dB] ng tor (dB] ion	20	Zoom Scan 224-02-22, 16:52 29.0 6.50 5.32 0.01 Disabled No correction SS.4 4.6



Impedance Measurement Plot for Head TSL



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





S Schweizerischer Kalibrierdienst

C Service suisse d'étalonnage

Servizio svizzero di taratura Swiss Calibration Service

Accreditation No.: SCS 0108

Certificate No. D6.5GHzV2-1018_Jan24

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 Columbia, USA

	D6.5GHzV2 - SN	•1018	< 7C
bject	D0.3GHZVZ - SIN	, IV IO	SRS 01/30/24
	QA CAL-22.v7 Calibration Proce	dure for SAR Validation Sources	between 3-10 GHz
calibration date:	January 10, 2024	4	
	-	onal standards, which realize the physical uni robability are given on the following pages an	
All calibrations have been conducted	d in the closed laborator	ry facility: environment temperature (22 \pm 3)°C	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	03-Apr-23 (No. 217-03806)	Apr-24
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
lismatch combination	SN: 84224 / 360D	03-Apr-23 (No. 217-03812)	Apr-24
Reference Probe EX3DV4	SN: 7405	12-Jun-23 (No. EX3-7405_Jun23)	Jun-24
DAE4	SN: 908	03-Jul-23 (No. DAE4-908_Jul23)	Jui-24
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 Oct-22)	In house check: Oct-25
	Name	Function	Signature
Calibrated by:	Jeffrey Katzman	Laboratory Technician	A. 45
			3 / 1 /
Approved by:	Sven Kühn	Technical Manager	S-





Schweizerischer Kalibrierdienst

S Service suisse d'étalonnage С

Servizio svizzero di taratura S

Swiss Calibration Service

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.

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	34.9 ± 6 %	6.17 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	29.2 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	293 W/kg ± 24.7 % (k=2)

SAR averaged over 8 cm ³ (8 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.55 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	65.7 W/kg ± 24.4 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	5.37 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	53.9 W/kg ± 24.4 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.6 Ω - 4.1 jΩ		
Return Loss	- 27.7 dB		

APD (Absorbed Power Density)

APD averaged over 1 cm ²	Condition	
APD measured	100 mW input power	292 W/m ²
APD measured	normalized to 1W	2920 W/m ² ± 29.2 % (k=2)

APD averaged over 4 cm ²	condition		
APD measured	100 mW input power	131 W/m²	
APD measured	normalized to 1W	1310 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.

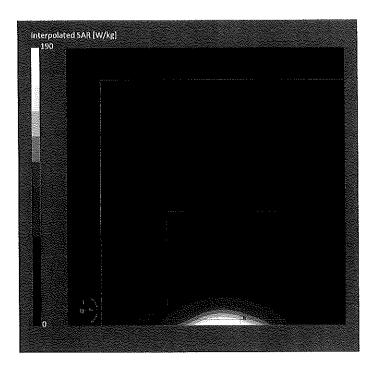
Additional EUT Data

Manufactured by	SPEAG

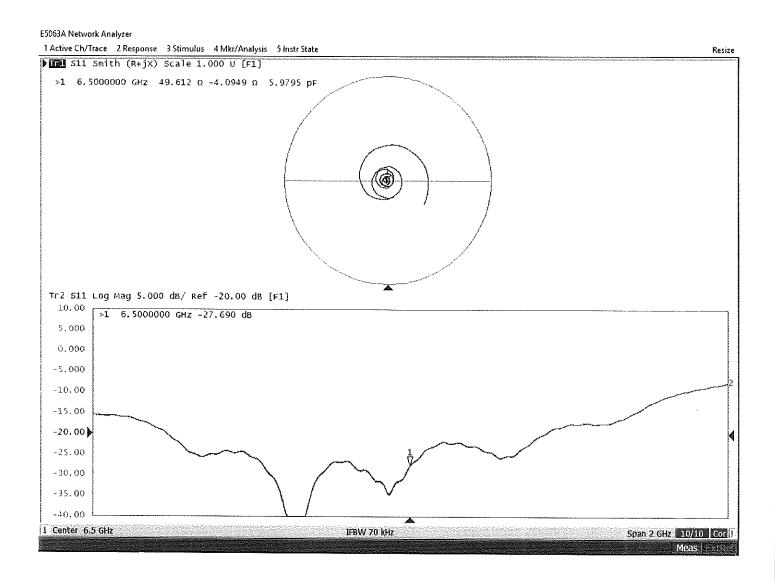
DASY6 Validation Report for Head TSL

Measurement Report for D6.5GHz-1018, UID 0 -, Channel 6500 (6500.0MHz)

Device under T Name, Manufa D6.5GHz	cturer Di	i mensions 6.0 x 6.0 x 3		VIEI N: 1018	DUT Typ -	e	
Exposure Cond Phantom	itions Position, Test	Band	Group.	Frequency	Conversion	TSL Cond.	TSL
Section, TSL	Distance [mm]	Build	UID	[MHz]	Factor	[5/m]	Permittivity
Flat, HSL	5.00	Band	CW,	6500	5.50	6.17	34.9
Hardware Setu	ıp						
Phantom	т	SL		Probe, Cali	bration Date	-	pration Date
MFP V8.0 Cent	er - 1182 H	IBBL600-10	000V6	EX3DV4 - S	N7405, 2023-06-12	DAE4 Sn9	08, 2023-07-03
Scan Setup				Measurem	ent Results		
			Zoom Sca	n			Zoom Scan
Grid Extents [mm]		22.0 x 22.0 x 22.	0 Date		2	024-01-10, 13:38
Grid Steps (m	m]		3.4 x 3.4 x 1.				29.2
Sensor Surfac	e [mm]		1.	·			6.55
Graded Grid			Ye				5.37
Grading Ratio	1		1.				0.02
MAIA			N/		-		Disabled
Surface Detec			VMS + 6		• •		NI
5can Method			Measure				No correction 49.6
				M2/M1 [9	-		49.6
				DIST 30B F	Peak [mm]		4.0



Impedance Measurement Plot for Head TSL



Calibration Laboratory of

Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland BC-MRA



S Schweizerischer Kalibrierdienst

C Service suisse d'étalonnage

S Servizio svizzero di taratura Swiss Calibration Service

Accreditation No.: SCS 0108

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

Client Element Columbia, USA

Certificate No. 5G-Veri10-1002_Mar24

CALIBRATION CERTIFICATE

Object S	5G Verification So	SRS	03 25 24					
	QA CAL-45.v5 Calibration procedure for sources in air above 6 GHz							
Calibration date:	March 05, 2024							
		nal standards, which realize the physical units of bability are given on the following pages and are						
All calibrations have been conducted	l in the closed laboratory	facility: environment temperature (22 \pm 3)°C and	humidity < 70	%.				
Calibration Equipment used (M&TE of	critical for calibration)							
Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled	Calibration				
Reference Probe EUmmWV3	SN: 9374	04-Dec-23 (No. EUmm-9374_Dec23)	Dec-24					
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					
Network Analyzer Keysight E5063A	SN: MY54504221	31-Oct-19 (in house check Oct-22)	In house ch	eck: Oct-25				
	Name	Function	Signature					
Calibrated by:	Leif Klysner	Laboratory Technician	Seif Mym					
Approved by:	Sven Kühn	Technical Manager	Sm					
		full without written approval of the laboratory.	Issued: Mai	ch 7, 2024				

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





Schweizerischer Kalibrierdienst

S Service suisse d'étalonnage С

Servizio svizzero di taratura S

Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossarv

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 farfield measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- Horn Positioning: The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUmmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- *E- field distribution:* E field is measured in two x-y-plane (10mm, 10mm + $\lambda/4$) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-fieldmaxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- Field polarization: Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

Calibrated Quantity

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

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

Measurement Conditions

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

DASY Version	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 cm ²	4 cm ²		
10 mm	93.3	151	1.27 dB	58.7	54.9	1.28 dB	

Distance Horn Aperture to Measured Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m²)		Uncertainty (k = 2)
				1 cm ²	4 cm ²	
10 mm	93.3	151	1.27 dB	58.5, 58.7, 58.8	54.6, 54.9, 55.1	1.28 dB

Square Averaging

Distance Horn	Prad	Max E-field	Uncertainty	Avg Power Density		Uncertainty
Aperture to Measured Plane	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		(k = 2)
				1 cm ²	4 cm ²	
10 mm	93.3	151	1.27 dB	58.7	54.8	1.28 dB
Distance Horn . Aperture to	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+		Uncertainty (k = 2)
Measured Plane	(1110)	(*/11)	(K – Z)		//m²)	(((- 2)
				1 cm ²	4 cm ²	1

Max Power Density

10 mm

Distance Horn Aperture to Measured Plane	to (mW)		Uncertainty (k = 2)	Max Power Density Sn, Stot, Stot (W/m²)	Uncertainty (k = 2)
10 mm	93.3	151	1.27 dB	59.9, 60.0, 60.2	1.28 dB

58.5, 58.7, 58.8

1.27 dB

54.5, 54.8, 55.0

1.28 dB

93.3

151

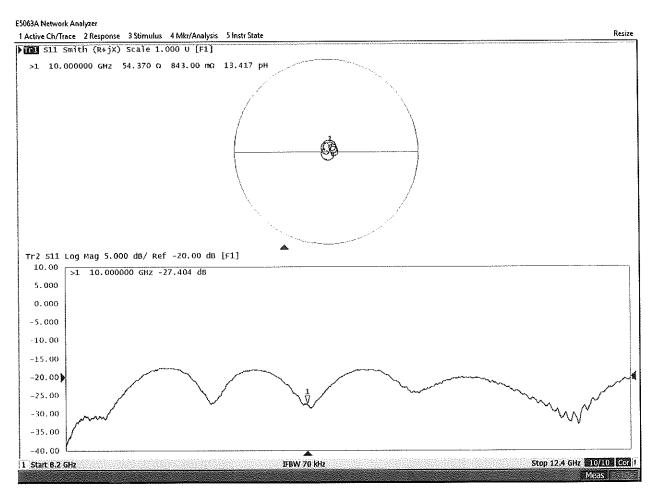
 $^{^{\}rm 1}$ Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	54.4 Ω + 0.8 jΩ
Return Loss	- 27.4 dB

Impedance Measurement Plot

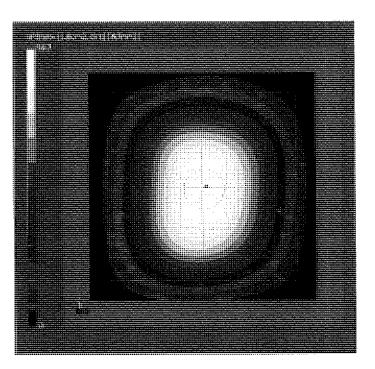


DASY Report

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 GH	iz 100.0 x 100.0 x 1	72.0	SN: 100	02	-	
Exposure Conditions						
Phantom Section	Position, Test Distance [mm]	Band	Grou	ıp,	Frequency [MHz], Channel Number	Conversion Factor
5G -	10.0 mm	Validation band	cW		10000.0, 10000	1.0
Hardware Setup	Medium			Probe, Calibration Dat	1 0	DAE, Calibration Date
Phantom mmWave Phantom - 1002	Air			EUmmWV3 - SN9374_ 2023-12-04		DAE4ip Sn1602, 2023-11-08
Scan Setup				Measurement Re	sults	
			5can			5G Scan
Sensor Surface [mm]			10.0	Date		2024-03-05, 10:32 1.00
MAIA		MAIA not i	used	Avg. Area [cm ²]		Circular Averaging
				Avg. Type psPDn+ [W/m²]		58.5
				psPDtot+ [W/m ²]		58.7
				psPDmod+ (W/m ²)		58.8
				Max(Sn) [W/m ²]		59.9
				Max(Stot) [W/m ²]		60.0
				(1 - 2)		EO 2



Max(|Stot|) [W/m²]

Power Drift [dB]

E_{max} [V/m]

60.2

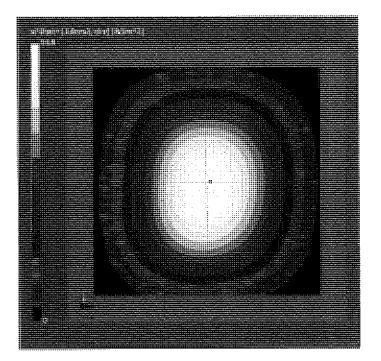
151

-0.00

DASY Report

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

Device under Test PropertiesName, ManufacturerDimensions5G Verification Source 10 GHz100.0 x 100.0		-	IMEI SN: 1002	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	(mm) 10.0 mm	Validation band	cw	10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air		EUn	be, Calibration Date 1mWV3 - SN9374_F1-55GHz, 3-12-04	DAE, Calibration Date DAE4ip Sn1602, 2023-11-08
Scan Setup			Me	asurement Results	
-		5G :	Scan		5G Scan
Sensor Surface [mm] MAIA		MAIA not	used Av Av ps ps M M M En	ate yg. Area [cm ²] yg. Type IPDn+ [W/m ²] IPDnod+ [W/m ²] ax(Sn) [W/m ²] ax(Stot] [W/m ²] ax(Stot] [W/m ²] ax([Stot]) [W/m ²] max [V/m] ower Drift [dB]	2024-03-05, 10:32 4.00 Circular Averaging 54.6 54.9 55.1 59.9 60.0 60.2 151 -0.00



DASY Report

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

•			DUT Type -	
Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
10.0 mm	Validation band	CW	10000.0, 10000	1.0
Medium Air		•		DAE, Calibration Date DAE4ip Sn1602, 2023-11-08
	1	can 0.0 Date sed Avg. Area [cm²] Avg. Type psPDn+ [W/m²]	Results	5G Scan 2024-03-05, 10:32 1.00 Square Averaging 58.5 58.7
	Dimensions [mm Hz 100.0 x 100.0 x 1 Position, Test Distance [mm] 10.0 mm Medium	Dimensions [mm] i Hz 100.0 x 100.0 x 172.0 S Position, Test Distance Band [mm] 10.0 mm Validation band Medium Air 5G Sc 14	Dimensions [mm] IMEI Hz 100.0 x 100.0 x 172.0 SN: 1002 Position, Test Distance Band Group, [mm] 10.0 mm Validation band CW Medium Probe, Calibration Air EUmmWV3 - SN937 2023-12-04 Measurement SG Scan 10.0 Date MAIA not used Avg. Area [cm²] Avg. Type psPDn+ {W/m²]	Dimensions [mm] IMEI DUT Type Hz 100.0 x 100.0 x 172.0 SN: 1002 - Position, Test Distance Band Group, Frequency [MHz], Channel Number 10.0 mm Validation band CW 10000.0, 10000 Medium Probe, Calibration Date EUmmWV3 - SN9374_F1-55GHz, 2023-12-04 Medium Air Keasurement Results SG Scan 10.0 10.0 Date MAIA not used Avg. Area [cm ²] Avg. Type

psPDmod+ [W/m²]

Max(Sn) [W/m²]

Power Drift [dB]

 $\begin{array}{l} Max(Stot) \left[W/m^2\right] \\ Max(|Stot|) \left[W/m^2\right] \\ E_{max} \left[V/m\right] \end{array}$

58.8

59.9 60.0

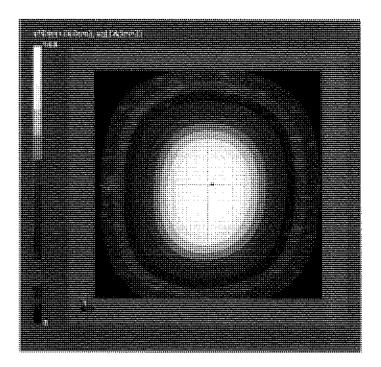
60.2 151

-0.00

DASY Report

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

Device under Test Pro Name, Manufacturer 5G Verification Source 10 G	Dimensions [mm	-	IMEI SN: 10	02	DUT Type -	
Exposure Conditions Phantom Section	Position, Test Distance [mm]	Band	Gro	up,	Frequency [MHz], Channel Number	Conversion Factor
56 -	10.0 mm	Validation band	cw		10000.0, 10000	1.0
Hardware Setup Phantom mmWave Phantom - 1002	Medium Air			Probe, Calibration Da EUmmWV3 - SN9374_ 2023-12-04		DAE, Calibration Date DAE4ip Sn1602, 2023-11-08
Scan Setup				Measurement Re	sults	
		-	Scan			5G Scan
Sensor Surface (mm) MAIA		MAIA not	10.0	Date Aug. Area (am ²)		2024-03-05, 10:32 4.00
MAIA		IVIAIA NOL	useu	Avg. Area [cm²] Avg. Type		4.00 Square Averaging
				psPDn+ [W/m ²]		54.5
				psPDtot+ [W/m ²]		54.8
				psPDmod+ [W/m ²]		55.0
				Max(Sn) [W/m ²]		59.9
				Max(Stot) [W/m²] Max([Stot]) [W/m²]		60.0 60.2
				E _{max} [V/m]		151
				Power Drift [dB]		-0.00



Calibration Laboratory of

Client

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



Schweizerischer Kalibrierdienst S

Service suisse d'étalonnage

С Servizio svizzero di taratura

S Swiss Calibration Service

Accreditation No.: SCS 0108

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

Element	
Columbia, USA	

Certificate No.

EX-7539_Oct23

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7539	
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 $BN_{1/2}^{2} - 2^{\circ}$	23
Calibration date	October 16, 2023	
	ents the traceability to national standards, which realize the physical units of measurements (SI). ertainties with confidence probability are given on the following pages and are part of the certificate.	
All calibrations have been conduc	cted in the closed laboratory facility: environment temperature (22 \pm 3) $^{\circ}$ 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	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
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 ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-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	Joanna Lieshaj	Laboratory Technician	Afalloshij
Approved by	Sven Kühn	Technical Manager	S.C.
This calibration certificate shal	not be reproduced except in full wi	hout written approval of the la	Issued: October 18, 2023 boratory.

Calibration Laboratory of

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





S

Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

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

Glossary

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- 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 ConvE.
- DCPx, y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- · PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax, y, z; Bx, y, z; Cx, y, z; Dx, y, z; VRx, y, z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- · ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \le 800 \text{ MHz}$) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx, y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (<i>k</i> = 2)
Norm $(\mu V/(V/m)^2)^A$	0.56	0.56	0.66	±10.1%
DCP (mV) ^B	99.6	98.5	96.6	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	C	D	VR	Max	Max
-			dB	dBõV		dB	mV	dev.	Unc ^E
									k = 2
0	CW	X	0.00	0.00	1.00	0.00	148.2	±3.5%	±4.7%
		Y	0.00	0.00	1.00		138.3		
		Z	0.00	0.00	1.00		137.0		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	90.44	20.13	10.00	60.0	±3.5%	±9.6%
	• •	Y	5.36	73.38	13.70		60.0		
		Z	20.00	91.52	20.64		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	91.90	19.78	6.99	80.0	±1.9%	±9.6%
		Y	13.21	82.31	15.59		80.0		
		Z	20.00	94.02	20.85		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	94.87	19.85	3.98	95.0	±0.9%	±9.6%
		Y	20.00	86.61	15.81		95.0		
		Z	20.00	98.28	21.52		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	96.43	19.24	2.22	120.0	±0.8%	±9.6%
		Y	20.00	88.10	15.55		120.0		
		Z	20.00	100.67	21.23		120.0		
10387	QPSK Waveform, 1 MHz	X	1.58	65.27	14.31	1.00	150.0	±2.5%	±9.6%
		Y	1.58	64.89	14.16]	150.0		
		Z	1.53	64.34	13.86		150.0		
10388	QPSK Waveform, 10 MHz	X	•	67.09	15.08	0.00	150.0	±1.0%	±9.6%
	· ·	Ŷ	2.09	66.63	14.89		150.0		
		Z	2.01	66.13	14.59		150.0		
10396	64-QAM Waveform, 100 kHz	X		69.81	18.37	3.01	150.0	±1.1%	±9.6%
		Y	2.92	70.70	18.98		150.0		1
		Z	2.46	67.05	17.18		150.0		
10399	64-QAM Waveform, 40 MHz	X		66.77	15.49	0.00	150.0	±1.9%	±9.6%
		Y	3.43	66.52	15.38		150.0	_	1
		Z		66.21	15.20		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X		65.54	15.43	0.00	150.0	±3.7%	±9.6%
		Y		65.36	15.33		150.0	1	
	1	Z	4.77	65.11	15.19		150.0		

Note: For details on UID parameters see Appendix

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

- ^A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).
- ^B Linearization parameter uncertainty for maximum specified field strength.
- E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ^{−2}	T5 V ⁻¹	Т6
¥	46.0	345.93	35.86	14.15	0.02	5.10	0.85	0.33	1.01
- V	45.7	343.49	35.83	17.88	0.00	5.02	1.59	0.15	1.01
z	47.4	358.69	36.19	13.93	0.00	5.10	0.00	0.42	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-93.6°
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.

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (<i>k</i> = 2)
750	41.9	0.89	10.16	10.16	10.16	0.53	0.80	±12.0%
835	41.5	0.90	9.79	9.79	9.79	0.41	0.88	±12.0%
1750	40.1	1.37	9.28	9.28	9.28	0.40	0.86	±12.0%
1900	40.0	1.40	8.45	8.45	8.45	0.39	0.86	±12.0%
2300	39.5	1.67	7.79	7.79	7.79	0.30	0.90	±12.0%
2450	39.2	1.80	7.42	7.42	7.42	0.37	0.90	±12.0%
2600	39.0	1.96	7.29	7.29	7.29	0.31	0.90	±12.0%

Calibration Parameter Determined in Head Tissue Simulating Media

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

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 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 TSL with deviations from the target of less than $\pm 5\%$ are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

^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.

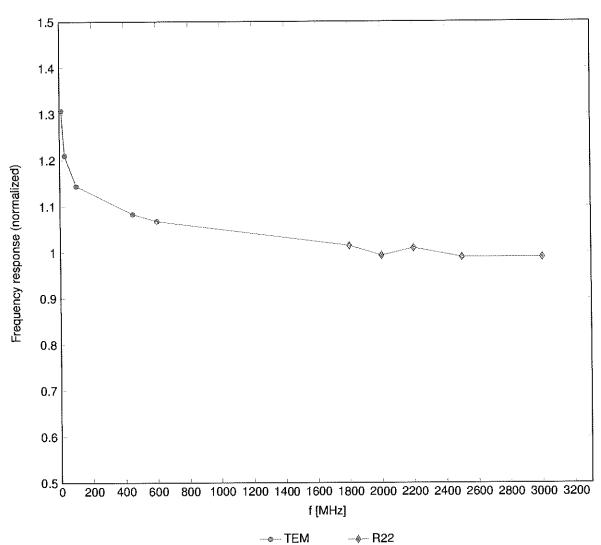
f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	55.5	0.96	10.25	10.25	10.25	0.32	1.01	±12.0%
835	55.2	0.97	9.99	9.99	9.99	0.45	0.82	±12.0%
1750	53.4	1.49	8.74	8.74	8.74	0.42	0.86	±12.0%
1900	53.3	1.52	8.15	8.15	8.15	0.35	0.86	±12.0%
2300	52.9	1.81	7.89	7.89	7.89	0.35	0.90	±12.0%
2450	52.7	1.95	7.59	7.59	7.59	0.36	0.90	±12.0%
2600	52.5	2.16	7.49	7.49	7.49	0.31	0.90	±12.0%

Calibration Parameter Determined in Body Tissue Simulating Media

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

F The probes are calibrated using its ue 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 TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

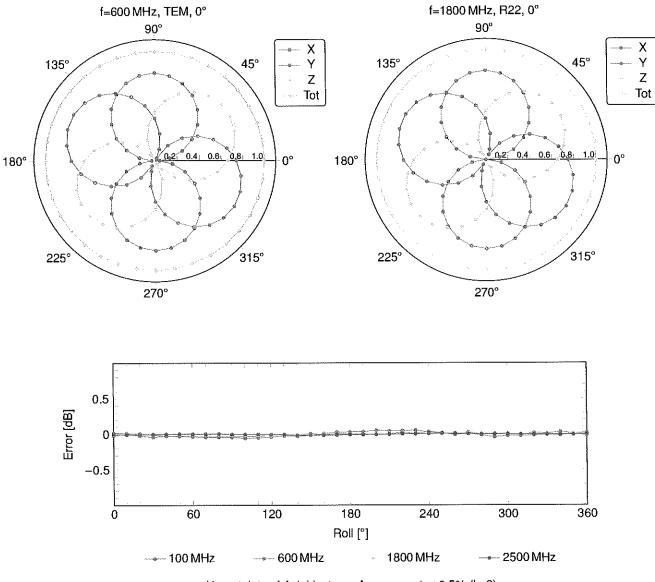
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the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



Frequency Response of E-Field

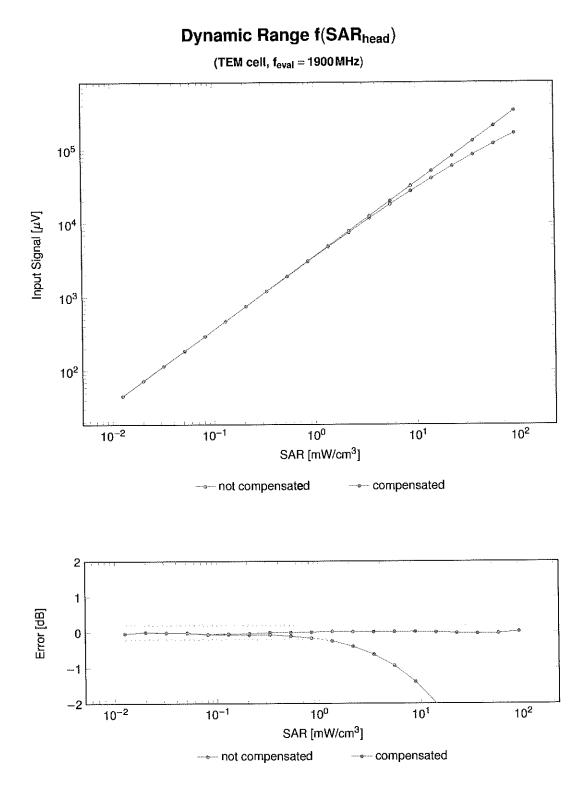
(TEM-Cell:ifi110 EXX, Waveguide:R22)

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



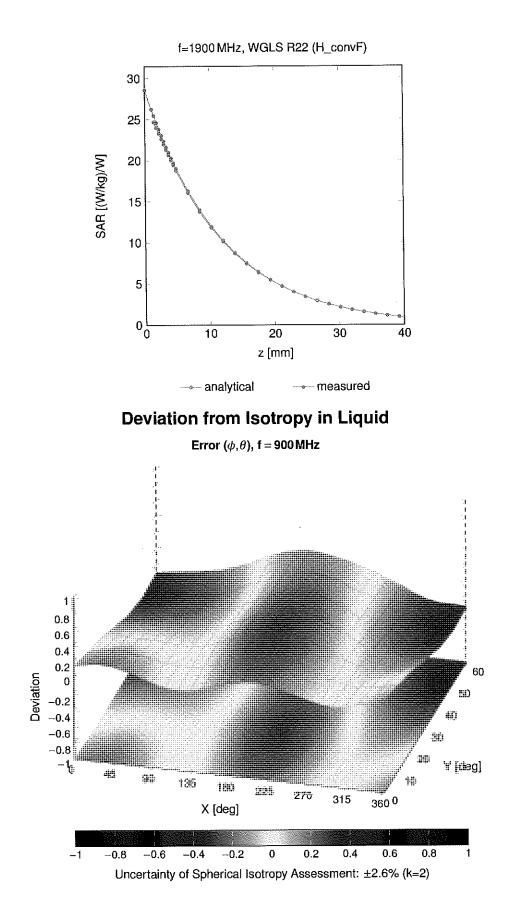
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

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



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

Conversion Factor Assessment



Appendix: Modulation Calibration Parameters

		O	Group	PAR (dB)	Unc ^E $k = 2$
	Rev	Communication System Name CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10010	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10012	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10013	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10021	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	<u>+9.6</u>
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WIFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073			WLAN	9.94	±9.6
10074		IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	_	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076		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		CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6 ±9.6
10082	_		AMPS	4.77	±9.6
10090		GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM WCDMA	6.56	±9.6
10097				3.98	±9.6
10098			WCDMA	9.55	±9.6
10099			GSM LTE-FDD	9.55	±9.6
10100		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	6.42	±9.6
10101		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.60	±9.6
10102			LTE-TDD	9.29	±9.6
10103			LTE-TDD	9.29	±9.6
10104			LTE-TDD	10.01	±9.6
10105			LTE-FDD	5.80	±9.6
10108			LTE-FDD	6.43	±9.6
10109			LTE-FDD	5.75	±9.6
10110			LTE-FDD	6.44	±9.6

Line Lite FDD 65.9 1 10112 CAH LITE LITE FDD 6.59 1 10113 CAH LITE LITE FDD 6.59 1 10113 CAH LITE LITE FDD 6.59 1 10114 CAD LEEE 802.11n (HT GreenHield, 15.Mbps, BPSK) VULAN 8.16 1 10116 CAD LEEE 802.11n (HT Mixed, 13.5Mbps, 64-OAM) VULAN 8.15 1 10116 CAD LEEE 802.11n (HT Mixed, 13.5Mbps, 64-OAM) VULAN 8.15 1 10118 CAD LEEE 802.11n (HT Mixed, 13.5Mbps, 64-OAM) VULAN 8.13 10119 CAD LEEE 802.11n (HT Mixed, 81.5MHz, 16-OAM) LITE 6.53 1 10114 CAF LTE-FDD (SC-FDMA, 100% RB, 18.14t, 44.6-OAM) LITE CFDD 5.73 10141 CAF LTE-FDD (SC-FDMA, 100% RB, 13.MHz, 64-OAM) LITE CHE 5.76 10141						
10116 CAP ITE-FOD (SC-FDMA, 1005; RB), SMHz, B4-CAM) LEF-FOD 6.82 10116 CAD IEEE 802:11n (FT Grownlide, 13 Mps, 16-CAM) WLAN 8.10 10116 CAD IEEE 802:11n (FT Grownlide, 13 Mps, 16-CAM) WLAN 8.11 10117 CAD IEEE 802:11n (FT Grownlide, 13 Mps, 6-CAM) WLAN 8.59 10116 CAD IEEE 802:11n (FT Grownlide, 13 Mps, 6-CAM) WLAN 8.59 10116 CAD IEEE 802:11n (FT Mixed, 13 Mps, 6-CAM) WLAN 8.59 10141 CAP IEEE 802:11n (FT Mixed, 13 Mps, 6-CAM) UTE+FDO 6.44 10141 CAP ITE-FDO (SC-FDMA, 1007; RB, 3 MHz, 16-CAM) UTE+FDO 6.53 10142 CAP ITE-FDO (SC-FDMA, 1007; RB, 3 MHz, 16-CAM) UTE+FDO 6.73 10142 CAP ITE-FDO (SC-FDMA, 1007; RB, 3 MHz, 16-CAM) UTE+FDO 6.72 10142 CAP ITE-FDO (SC-FDMA, 1007; RB, 3 MHz, 16-CAM) UTE+FDO 6.72 10142 CAP ITE-FDO (SC-FDMA, 507; RB, 2 MHz, 16-CAM) UTE+FDO 6.74 10142			Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10116 CAD LEEE Bay: In pHT Generified, 19: Mbps, 19:50y. WLAN 8.10 10116 CAD LEEE Bay: In pHT Generified, 19: Mbps, 19: GAM) WLAN 8.17 10117 CAD LEEE Bay: In pHT Generified, 19: Mbps, 19: GAM) WLAN 8.17 10117 CAD LEEE Bay: In pHT Generified, 19: Mbps, 19: GAM) WLAN 8.19 10118 CAD LEEE Bay: In pHT Mbed, 19: Mbps, 19: GAM) WLAN 8.13 10116 CAD LEEE Bay: In pHT Mbed, 19: Mbps, 19: GAM) UTE+FDO 6.49 10114 CAF LTE-FDD (SC-PDMA, 1007K BB, 19ME, 46-OAM) UTE+FDO 6.73 10141 CAF LTE-FDD (SC-PDMA, 1007K BB, 19ME, 20: SPO) LTE+FDO 6.75 10142 CAF LTE-FDD (SC-PDMA, 1007K BB, 19ME, 20: SPO) LTE+FDO 6.72 10142 CAF LTE-FDD (SC-PDMA, 1007K BB, 19ME, 20: SPO) LTE+FDD 8.72 10144 CAF LTE-FDD (SC-PDMA, 1007K BB, 14ME, 16: OAM) LTE+FDD 8.72 10146 CAF LTE-FDD (SC-PDMA, 507K BB, 20MHE, 0: OAM) LTE+FDD 8.72						±9.6
Totific CAD LEEE BOX TIN (TH Gaverhield, SI Mipp., 14-OAM) WLAN 8.49 Totific CAD LEEE BOX TIN (TH Gaverhield, SI Mipp., 84-OAM) WLAN 8.19 Totific CAD LEEE BOX TIN (TH Gaverhield, SI Mipp., 84-OAM) WLAN 8.59 Totific CAD LEEE BOX TIN (TH Gaverhield, SI Mipp., 84-OAM) WLAN 8.59 Totific CAD LEEE BOX TIN (TH Gaverhield, SI Mipp., 84-OAM) UTE-FDO 6.49 Totific CAD LEEE BOX TIN (TH Gaverhield, SI Mipp., 84-OAM) UTE-FDO 6.49 Totific CAP LTE-FDO (SC-FDMA, 100% RB, 14Mip, 16-OAM) UTE-FDO 6.73 Totific CAP LTE-FDO (SC-FDMA, 100% RB, 3Min, 16-OAM) UTE-FDO 6.73 Totific CAP LTE-FDO (SC-FDMA, 100% RB, 3Min, 16-OAM) UTE-FDO 6.74 Totific CAP LTE-FDO (SC-FDMA, 100% RB, 3Min, 16-OAM) UTE-FDO 6.72 Totific CAP LTE-FDO (SC-FDMA, 100% RB, 3Min, 16-OAM) LTE-FDO 6.24 Totific CAP LTE-FDO (SC-FDMA, 50% RB, 30Min, 16-OAM) LTE-FDO <td< td=""><td></td><td></td><td></td><td></td><td></td><td>±9.6 ±9.6</td></td<>						±9.6 ±9.6
10110 CAD LEEE 802 11 (n+T Graandalel 195 Mgs, 84-OAM) WLAN 9.07 10110 CAD LEEE 802 11 (n+T Maiel, 13 SMB), 87-SG WLAN 8.09 10110 CAD LEEE 802 11 (n+T Maiel, 13 SMB), 10-OAM) WLAN 8.19 10140 CAP LTE-FDD (CF TMA, 1002 RB, 15 MHz, 16-OAM) LTE-FDD 6.59 10141 CAP LTE-FDD (CF DMA, 1002 RB, 15 MHz, 16-OAM) LTE-FDD 6.59 10141 CAP LTE-FDD (CF DMA, 1002 RB, 15 MHz, 16-OAM) LTE-FDD 6.57 10141 CAP LTE-FDD (CF DMA, 1002 RB, 15 MHz, 16-OAM) LTE-FDD 6.76 10142 CAP LTE-FDD (CF DMA, 1002 RB, 14 MHz, 16-OAM) LTE-FDD 6.72 10142 CAP LTE-FDD (CF DMA, 1002 RB, 14 MHz, 16-OAM) LTE-FDD 6.72 10144 CAP LTE-FDD (CF DMA, 1002 RB, 14 MHz, 16-OAM) LTE-FDD 6.42 10147 CAP LTE-FDD (CF DMA, 1002 RB, 14 MHz, 16-OAM) LTE-FDD 6.72 10147 CAP LTE-FDD (CF DMA, 1002 RB, 14 MHz, 16-OAM) LTE-FDD 6.75 10156					1	±9.6
International Construction Internation Internaternati						±9.6
10116 CAD EEE Box 111 (HT Maxd, 19 Mags, 19-CAM) WLAN 8.59 10116 CAD LIFE-FDD (EEC FDAA, 1007K FB, 15 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 15 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 15 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 15 MHz, 16 CAM) 10141 CAF LIFE-FDD (EC FDAA, 1007K FB, 15 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 15 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 14 MHz, 16 CAM) 10142 CAF LIFE-FDD (EC FDAA, 1007K FB, 14 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 14 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 14 MHz, 16 CAM) 10146 CAA LIFE-FDD (EC FDAA, 1007K FB, 14 MHz, 16 CAM) LIFE-FDD (EC FDAA, 1007K FB, 14 MHz, 16 CAM) 10147 CAF LIFE-FDD (EC FDAA, 1007K FB, 14 MHz, 16 CAM) LIFE-FDD (EC FDAA, 507K FB, 20 MHz, 16 CAM) 10147 CAF LIFE-FDD (EC FDAA, 507K FB, 20 MHz, 16 CAM) LIFE-FDD (EC FDAA, 507K FB, 20 MHz, 16 CAM) 10156 CAF LIFE-FDD (EC FDAA, 507K FB, 20 MHz, 16 CAM) LIFE-FDD (EC FDAA, 507K FB, 20 MHz, 16 CAM) 10156 CAF LIFE-FDD (EC FDAA, 507K FB, 20 MHz, 16 CAM) LIFE-FDD (EC FDAA, 507K FB, 50 MHz, 16 CAM) LIFE-FDD (EC FDAA, 507K FB, 50 MHz, 16 CAM) LIFE-FDD (EC FDAA, 507K FB, 50 MHz, 16 CAM) LIFE-FDD (EC FDAA,						±9.6
OTIO DEEE BOZ LITH (FF MoseL, 1930 Muy, B4-OAM) WLAN 8.13 10140 CAF LIFE-FDD (SC-FDMA, 100% RB, 15MHz, 6F-OAM) LIFE-FDD (SC-FDMA, 100% RB, MHz, 0F-SOAM) 10141 CAF LIFE-FDD (SC-FDMA, 100% RB, MHz, 0F-SOAM) LIFE-FDD (SC-FDMA, 100% RB, MHz, 0F-SOAM) 10142 CAF LIFE-FDD (SC-FDMA, 100% RB, MHz, 0F-SOAM) LIFE-FDD (SC-FDMA, 100% RB, MHz, 0F-SOAM) 10144 CAF LIFE-FDD (SC-FDMA, 100% RB, LAME, 16-OAM) LIFE-FDD (SC-FDMA, 100% RB, LAME, 16-OAM) 10146 CAG LIFE-FDD (SC-FDMA, 100% RB, LAME, 16-OAM) LIFE-FDD (SC-FDMA, 100% RB, LAME, 26-OAM) 10147 CAG LIFE-FDD (SC-FDMA, 100% RB, LAME, 26-OAM) LIFE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM) 10151 CAF LIFE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM) LIFE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM) 10152 CAH LIFE-FDD (SC-FDMA, 50% RB, 20 MHz, 0F-SA) LIFE-FDD (SC-FDMA, 50% RB, 20 MHz, 0F-SA) 10155 CAH LIFE-FDD (SC-FDMA, 50% RB, 20 MHz, 0F-SA) LIFE-FDD (SC-FDMA, 50% RB, 10 MHz, 10-OAM) 10155 CAH LIFE-FDD (SC-FDMA, 50% RB, 10 MHz, 0F-SA) LIFE-FDD (SC-FDMA, 50% RB, 10 MHz, 0F-SA) 10156 CAH LIFE-FDD (SC-FDMA,	-					±9.6
10140 CAF LTE-FDD (SC-FDMA, 1007K, BE, 15MF2, 16-CAM) LTE-FDD 6.49 10141 CAF LTE-FDD (SC-FDMA, 1007K, BE, 15MF2, 16-CAM) LTE-FDD 6.52 10142 CAF LTE-FDD (SC-FDMA, 1007K, BE, 15MF2, 16-CAM) LTE-FDD 6.53 10145 CAF LTE-FDD (SC-FDMA, 1007K, BE, 15MF2, 64-CAM) LTE-FDD 6.57 10146 CAS LTE-FDD (SC-FDMA, 1007K, BE, 14MF2, 64-CAM) LTE-FDD 6.76 10147 CAS LTE-FDD (SC-FDMA, 1007K, BE, 14MF2, 64-CAM) LTE-FDD 6.72 10147 CAS LTE-FDD (SC-FDMA, 1007K, BE, 14MF2, 64-CAM) LTE-FDD 6.72 10149 CAF LTE-FDD (SC-FDMA, 507K, BE, 20MF2, 64-CAM) LTE-FDD 6.72 10156 CAF LTE-FDD (SC-FDMA, 507K, BE, 20MF2, 64-CAM) LTE-FDD 6.72 10156 CAF LTE-FDD (SC-FDMA, 507K, BE, 20MF4, 64-CAM) LTE-FDD 6.42 10156 CAH LTE-FDD (SC-FDMA, 507K, BE, 20MF4, 64-CAM) LTE-FDD 6.43 10156 CAH LTE-FDD (SC-FDMA, 507K, BE, 50MF4, 64-CAM) LTE-FDD 6.43 <td></td> <td><u>}</u></td> <td></td> <td></td> <td></td> <td>±9.6</td>		<u>}</u>				±9.6
TOTAT CAF TEFEDD (SC-FDMA, 100%, RB, 15MHz, 4F-CAM) LTE-FDD 6.53 10142 CAF LTEFEDD (SC-FDMA, 100%, RB, 3MHz, 15-CAM) LTEFEDD 6.573 10141 CAF LTEFEDD (SC-FDMA, 100%, RB, 3MHz, 15-CAM) LTEFEDD 6.565 10141 CAF LTEFEDD (SC-FDMA, 100%, RB, 14MHz, 16-CAM) LTEFEDD 6.76 10142 CAG LTEFEDD (SC-FDMA, 100%, RB, 14MHz, 16-CAM) LTEFEDD 6.72 10146 CAG LTEFEDD (SC-FDMA, 100%, RB, 14MHz, 16-CAM) LTEFEDD 6.42 10150 CAF LTEFEDD (SC-FDMA, 50%, RB, 20MHz, 16-CAM) LTEFEDD 6.42 10151 CAH LTEFEDD (SC-FDMA, 50%, RB, 20MHz, 16-CAM) LTEFEDD 6.42 10151 CAH LTEFEDD (SC-FDMA, 50%, RB, 20MHz, 16-CAM) LTEFEDD 6.43 10152 CAH LTEFEDD (SC-FDMA, 50%, RB, 20MHz, 16-CAM) LTEFEDD 6.43 10152 CAH LTEFEDD (SC-FDMA, 50%, RB, 10MHz, 16-CAM) LTEFEDD 6.44 10156 CAH LTEFEDD (SC-FDMA, 50%, RB, 10MHz, 16-CAM) LTEFEDD 6.44	§				Į	±9.6
10:42 CAF TEFEDD (SCFDMA, 100% RB, 3MHz, 0FOK) UTF-FDD 5.73 10:43 CAF LTEFDD (SCFDMA, 100% RB, 3MHz, 18-OAM) LTEFDD 6.85 10:44 CAF LTEFDD (SCFDMA, 100% RB, 3MHz, 0FOK) LTEFDD 6.70 10:45 CAG LTEFDD (SCFDMA, 100% RB, 14 MHz, 16-OAM) LTEFDD 6.70 10:46 CAG LTEFDD (SCFDMA, 100% RB, 14 MHz, 16-OAM) LTEFDD 6.72 10:47 CAG LTEFDD (SCFDMA, 50% RB, 20MHz, 16-OAM) LTEFDD 6.42 10:150 CAF LTEFDD (SCFDMA, 50% RB, 20MHz, 16-OAM) LTEFDD 6.42 10:151 CAH LTEFDD (SCFDMA, 50% RB, 20MHz, 16-OAM) LTEFDD 9.28 10:152 CAH LTEFDD (SCFDMA, 50% RB, 20MHz, 16-OAM) LTEFDD 9.28 10:155 CAH LTEFDD (SCFDMA, 50% RB, 50% RB, 50% RD, 10-00 LTEFDD 9.28 10:155 CAH LTEFDD (SCFDMA, 50% RB, 50% RB, 50% RD, 10-00 LTEFDD 9.75 10:156 CAH LTEFDD (SCFDMA, 50% RB, 10-00 LTEFDD 5.75 10:156 CAH <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td>	1					±9.6
TOTAG CAF LTE-FDD CSC COMA TORY RD CAMA CUE+FDD Ref 10144 CAF LTE-FDD CSC-FDMA TORY RD Attriation LTE-FDD S.65 10145 CAG LTE-FDD CSC-FDMA TORY RD LTE-FDD S.74 10146 CAG LTE-FDD CSC-FDMA TORY RD Attriation LTE-FDD S.74 10147 CAG LTE-FDD CSC-FDMA TORY RD Attriation CLE-FDD S.74 10147 CAG LTE-FDD CSC-FDMA SSR RD LTE-FDD G.64 10150 CAF LTE-FDD SSR RD LTE-FDD SSR RD RD RD SSR RD RD SSR RD RD RD SSR RD						±9.6
10 CAF LTE-FDD SS-FDMA, 100%, RB, 14M-Fr, OPSG) LTE-FDD S-76 10/145 CAG LTE-FDD (SC-FDMA, 100%, RB, 14M-Fr, OPSG) LTE-FDD S-76 10/147 CAG LTE-FDD (SC-FDMA, 100%, RB, 14M-Fr, OPSG) LTE-FDD S-76 10/147 CAG LTE-FDD (SC-FDMA, 100%, RB, 14M-Fr, OPSG) LTE-FDD S-72 10/149 CAF LTE-FDD (SC-FDMA, 50%, RB, 20M+r, 16-OAM) LTE-FDD S-82 10/151 CAH LTE-FDD (SC-FDMA, 50%, RB, 20M+r, 16-OAM) LTE-FDD S-82 10/152 CAH LTE-FDD (SC-FDMA, 50%, RB, 20M+r, 16-OAM) LTE-FDD S-75 10/152 CAH LTE-FDD (SC-FDMA, 50%, RB, 10M+r, 0PSK) LTE-FDD S-76 10/153 CAH LTE-FDD (SC-FDMA, 50%, RB, 10M+r, 0PSK) LTE-FDD S-78 10/154 CAH LTE-FDD (SC-FDMA, 50%, RB, 10M+r, 0PSK) LTE-FDD S-82 10/156 CAH LTE-FDD (SC-FDMA, 50%, RB, 10M+r, 0PSK) LTE-FDD S-82 10/156 CAH LTE-FDD (SC-FDMA, 50%, RB, 15M+r, 0PSK) LTE-FDD S-82						±9.6
Total CAS TITE-FDD SC-FDMA, 100% RB, 14MHz, QFSK) LTE-FDD 5.76 10146 CAG LTE-FDD [SC-FDMA, 100% RB, 14MHz, 16-QAM) LTE-FDD 6.42 10147 CAG LTE-FDD [SC-FDMA, 500% RB, 20MHz, 16-QAM) LTE-FDD 6.42 10140 CAF LTE-FDD [SC-FDMA, 500% RB, 20MHz, 16-QAM) LTE-FDD 6.42 10150 CAF LTE-FDD [SC-FDMA, 500% RB, 20MHz, 16-QAM) LTE-TDD 9.28 101512 CAH LTE-TDD [SC-FDMA, 500% RB, 20MHz, 16-QAM) LTE-TDD 9.28 10152 CAH LTE-FDD [SC-FDMA, 500% RB, 20MHz, 46-QAM) LTE-TDD 9.27 10155 CAH LTE-FDD [SC-FDMA, 590% RB, 10MHz, 0FSK) LTE-FDD 5.75 10156 CAH LTE-FDD [SC-FDMA, 590% RB, 50MHz, 16-QAM) LTE-FDD 6.43 10157 CAH LTE-FDD [SC-FDMA, 590% RB, 50MHz, 16-QAM) LTE-FDD 6.43 10157 CAH LTE-FDD [SC-FDMA, 590% RB, 50MHz, 16-QAM) LTE-FDD 6.43 10157 CAH LTE-FDD [SC-FDMA, 590% RB, 50MHz, 16-QAM) LTE-FDD 6.43						±9.6
TOTAG CAG LTE-FDD SC-FDMA, 100% RB, 1.4 MHz, 6C-OAM) LTE-FDD 6.41 10147 CAG LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-OAM) LTE-FDD 6.42 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-OAM) LTE-FDD 6.42 10151 CAH LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM) LTE-TDD 9.82 10152 CAH LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM) LTE-TDD 9.92 10156 CAH LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM) LTE-TDD 9.92 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM) LTE-FDD 5.75 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 0PSK) LTE-FDD 5.76 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 0PSK) LTE-FDD 5.78 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 0PSK) LTE-FDD 5.78 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 0FSK) LTE-FDD 5.62 10166 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-OAM) LTE-FDD 5.64 <t< td=""><td></td><td>······</td><td></td><td></td><td></td><td>±9.6</td></t<>		······				±9.6
16147 CAG LTE-FDD (SC-FDMA, 100%, RB, 20 MHz, 16-0AM) LTE-FDD 6.72 10160 CAF LTE-FDD (SC-FDMA, 59%, RB, 20 MHz, 16-0AM) LTE-FDD 6.60 10151 CAF LTE-FDD (SC-FDMA, 59%, RB, 20 MHz, 16-0AM) LTE-FDD 9.22 10152 CAH LTE-TDD (SC-FDMA, 59%, RB, 20 MHz, 0FSK) LTE-FDD 9.22 10156 CAH LTE-FDD (SC-FDMA, 59%, RB, 20 MHz, 0FSK) LTE-FDD 5.75 10156 CAH LTE-FDD (SC-FDMA, 59%, RB, 20 MHz, 16-QAM) LTE-FDD 6.73 10156 CAH LTE-FDD (SC-FDMA, 59%, RB, 50 MHz, 16-QAM) LTE-FDD 6.43 10156 CAH LTE-FDD (SC-FDMA, 59%, RB, 50 MHz, 16-QAM) LTE-FDD 6.42 10156 CAH LTE-FDD (SC-FDMA, 59%, RB, 50 MHz, 16-QAM) LTE-FDD 6.42 10156 CAH LTE-FDD (SC-FDMA, 59%, RB, 50 MHz, 16-QAM) LTE-FDD 6.42 10167 CAF LTE-FDD (SC-FDMA, 59%, RB, 50 MHz, 16-QAM) LTE-FDD 6.42 10168 CAF LTE-FDD (SC-FDMA, 59%, RB, 15 MHz, 16-QAM) LTE-FDD 6.42 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td>±9.6</td></tr<>						±9.6
ID149 CAF LTE-FDD (SC-FDMA, 50% FB, 20MHz, 16-OAM) LTE-FDD 6.42 10150 CAF LTE-FDD (SC-FDMA, 50% FB, 20MHz, 16-OAM) LTE-FDD 6.60 10151 CAH LTE-TDD (SC-FDMA, 50% FB, 20MHz, 16-OAM) LTE-TDD 9.82 10152 CAH LTE-TDD (SC-FDMA, 50% FB, 20MHz, 40-OAM) LTE-TDD 9.82 10153 CAH LTE-TDD (SC-FDMA, 50% FB, 10MHz, 16-OAM) LTE-TDD 9.42 10154 CAH LTE-FDD (SC-FDMA, 50% FB, 50MHz, 60-OAM) LTE-FDD 5.75 10155 CAH LTE-FDD (SC-FDMA, 50% FB, 50MHz, 16-OAM) LTE-FDD 6.43 10156 CAH LTE-FDD (SC-FDMA, 50% FB, 50MHz, 16-OAM) LTE-FDD 6.62 10166 CAH LTE-FDD (SC-FDMA, 50% FB, 50MHz, 16-OAM) LTE-FDD 6.62 10166 CAH LTE-FDD (SC-FDMA, 50% FB, 50MHz, 16-OAM) LTE-FDD 6.62 10166 CAF LTE-FDD (SC-FDMA, 50% FB, 15 MHz, 16-OAM) LTE-FDD 6.62 10166 CAF LTE-FDD (SC-FDMA, 50% FB, 15 MHz, 16-OAM) LTE-FDD 6.56 10166						±9.6
10150 CAF LTE-FDD 6.60 10161 CAH LTE-TDD 65-FDMA, 50%, RB, 20MHz, QPSN, LTE-TDD 9.28 10162 CAH LTE-TDD 65-FDMA, 50%, RB, 20MHz, 46-GAM) LTE-TDD 9.28 10153 CAH LTE-TDD 65-FDMA, 50%, RB, 20MHz, 46-GAM) LTE-TDD 9.27 10154 CAH LTE-TDD 65-FDMA, 50%, RB, 10MHz, 20-SN() LTE-FDD 6.43 10155 CAH LTE-FDD (55-FDMA, 50%, RB, 10MHz, 20-SN() LTE-FDD 6.49 10155 CAH LTE-FDD (55-FDMA, 50%, RB, 50MHz, 16-GAM) LTE-FDD 6.49 10156 CAH LTE-FDD (55-FDMA, 50%, RB, 50MHz, 40-GAM) LTE-FDD 6.62 10160 CAF LTE-FDD (55-FDMA, 50%, RB, 15MHz, 16-GAM) LTE-FDD 6.64 10161 CAF LTE-FDD (55-FDMA, 50%, RB, 15MHz, 40-GAM) LTE-FDD 6.44 10162 CAF LTE-FDD (55-FDMA, 50%, RB, 14MHz, 40-GAM) LTE-FDD 6.42 10167 CAG LTE-FDD (55-FDMA, 50%, RB, 14MHz, 40-GAM) LTE-FDD 6.44	<u> </u>			1		±9.6
ID161 CAH LTE-TDD 9.28 10152 CAH LTE-TDD (SC-FDMA, 50%, RB, 20MHz, G-GAM) LTE-TDD 9.32 10153 CAH LTE-TDD (SC-FDMA, 50%, RB, 20MHz, 4CAAM) LTE-TDD 10.05 10154 CAH LTE-TDD (SC-FDMA, 50%, RB, 10MHz, 2PSK) LTE-FDD 6.43 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, 10MHz, 10-CAM) LTE-FDD 6.43 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, 10MHz, 0PSK) LTE-FDD 6.49 10157 CAH LTE-FDD (SC-FDMA, 50%, RB, 10Hz, 0PSK) LTE-FDD 6.49 10158 CAH LTE-FDD (SC-FDMA, 50%, RB, 10Hz, 0PSK) LTE-FDD 6.42 10160 CAF LTE-FDD (SC-FDMA, 50%, RB, 15MHz, 0PSK) LTE-FDD 6.43 10162 CAF LTE-FDD (SC-FDMA, 50%, RB, 15MHz, 0PSK) LTE-FDD 6.44 10162 CAF LTE-FDD (SC-FDMA, 50%, RB, 15MHz, 0PSK) LTE-FDD 6.42 10163 CAG LTE-FDD (SC-FDMA, 50%, RB, 14MHz, 16-QAM) LTE-FDD 6.42 10164 CAG LTE-FDD (SC-FDMA, 168, 20MH						±9.6
10152 CAH LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-CAM) LTE-TDD 10.05 10158 CAH LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-CAM) LTE-FDD 10.05 10158 CAH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 0PSK) LTE-FDD 6.75 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-CAM) LTE-FDD 6.75 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 16-CAM) LTE-FDD 6.43 10157 CAH LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 16-CAM) LTE-FDD 6.62 10158 CAH LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 64-CAM) LTE-FDD 6.62 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 50 MHz, 64-CAM) LTE-FDD 6.43 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD 6.43 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM) LTE-FDD 6.43 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM) LTE-FDD 6.73 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM) LTE-FDD 6.72						±9.6
ID155 CAT LTE-TDD (SG-FDMA, 50% RB, 20MHz, 64-OAM) LTE-TDD 10.05 10154 CAH LTE-FDD (SG-FDMA, 50% RB, 10MHz, OPSK) LTE-FDD 5.75 10155 CAH LTE-FDD (SG-FDMA, 50% RB, 10MHz, OPSK) LTE-FDD 6.43 10155 CAH LTE-FDD (SG-FDMA, 50% RB, 5MHz, OFSK) LTE-FDD 6.49 10157 CAH LTE-FDD (SG-FDMA, 50% RB, 5MHz, OFOAN) LTE-FDD 6.49 10168 CAH LTE-FDD (SG-FDMA, 50% RB, 15MHz, OFOAN) LTE-FDD 6.43 10160 CAF LTE-FDD (SG-FDMA, 50% RB, 15MHz, OFOAN) LTE-FDD 6.43 10161 CAF LTE-FDD (SG-FDMA, 50% RB, 15MHz, OFOAN) LTE-FDD 6.43 10162 CAF LTE-FDD (SG-FDMA, 50% RB, 14MHz, OFSK) LTE-FDD 6.44 10162 CAG LTE-FDD (SG-FDMA, 50% RB, 14MHz, OFSK) LTE-FDD 6.44 10162 CAF LTE-FDD (SG-FDMA, 50% RB, 14MHz, OFSK) LTE-FDD 6.43 10162 CAG LTE-FDD (SG-FDMA, 50% RB, 14MHz, OFSK) LTE-FDD 6.44 10163 CAG					1	±9.6
10154 CAH LTE-FDD (SC-FDMA, 50% RB, 10MHz, 16-CAM) LTE-FDD 5.75 10155 CAH LTE-FDD (SC-FDMA, 50% RB, 50MHz, 16-CAM) LTE-FDD 6.43 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 50MHz, 16-CAM) LTE-FDD 6.49 10157 CAH LTE-FDD (SC-FDMA, 50% RB, 50MHz, 16-CAM) LTE-FDD 6.49 10158 CAH LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-CAM) LTE-FDD 6.62 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-CAM) LTE-FDD 5.82 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-CAM) LTE-FDD 5.46 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 14-MHz, 0FSK) LTE-FDD 5.46 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 14-MHz, 0FSK) LTE-FDD 5.73 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 14-KHz, 0FSK) LTE-FDD 5.73 10170 CAF LTE-FDD (SC-FDMA, 18, 20MHz, 16-CAM) LTE-FDD 6.73 10172 CAH LTE-FDD (SC-FDMA, 178, 20MHz, 0FSK) LTE-FDD 6.49 10172	1	<u> </u>				±9.6
10156 CAH LTE-FDD (SC-FDMA, 50% RB, 10MHz, QPSK) LTE-FDD 6.43 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK) LTE-FDD 5.79 10157 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK) LTE-FDD 6.49 10158 CAH LTE-FDD (SC-FDMA, 50% RB, 10MHz, 64-CAM) LTE-FDD 6.56 10169 CAH LTE-FDD (SC-FDMA, 50% RB, 15MHz, 46-CAM) LTE-FDD 6.52 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 46-CAM) LTE-FDD 6.43 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 46-CAM) LTE-FDD 6.44 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 14MHz, 4F-CAM) LTE-FDD 6.46 10164 CAF LTE-FDD (SC-FDMA, 50% RB, 14MHz, 4F-CAM) LTE-FDD 6.42 10168 CAG LTE-FDD (SC-FDMA, 17R, 20MHz, 4F-CAM) LTE-FDD 6.42 10170 CAF LTE-FDD (SC-FDMA, 17R, 20MHz, 4F-CAM) LTE-FDD 6.73 10171 AAF LTE-FDD (SC-FDMA, 17R, 20MHz, 4F-CAM) LTE-FDD 6.49 10172 C						±9.6
10156 CAH LTE-FDD 5.79 10157 CAH LTE-FDD 6.49 10158 CAH LTE-FDD 6.49 10158 CAH LTE-FDD 6.56 10158 CAH LTE-FDD 6.56 10160 CAF LTE-FDD 6.56 10160 CAF LTE-FDD 6.58 10161 CAF LTE-FDD 6.58 10161 CAF LTE-FDD 6.58 10162 CAF LTE-FDD 6.58 10162 CAF LTE-FDD 6.58 10166 CAG LTE-FDD 6.54 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 14MHz, 16-QAM) LTE-FDD 6.21 10168 CAG LTE-FDD (SC-FDMA, 178, 20MHz, 0-QSK) LTE-FDD 6.52 10170 CAF LTE-FDD (SC-FDMA, 178, 20MHz, 0-QSK) LTE-FDD 6.52 10171 CAF LTE-FDD (SC-FDMA, 178, 20MHz, 0-QSK) LTE-FDD 6.52 10172 CAH <td< td=""><td></td><td></td><td></td><td></td><td></td><td>±9.6</td></td<>						±9.6
No.10 CAH LTE-FDD (6.49) 10157 CAH LTE-FDD (6.49) 10158 CAH LTE-FDD (6.62) 10169 CAH LTE-FDD (6.62) 10169 CAF LTE-FDD (6.62) 10160 CAF LTE-FDD (6.62) 10161 CAF LTE-FDD (6.64) 10162 CAF LTE-FDD (6.64) 10162 CAF LTE-FDD (6.70) 10166 CAG LTE-FDD (6.70) 10168 CAG LTE-FDD (6.70) 10168 CAG LTE-FDD (6.70) 10168 CAG LTE-FDD (6.70) 10170 CAF LTE-FDD (6.70) 10171 CAF LTE-FDD (6.70) 10172 CAH LTE-FDD (6.70) 10172 CAH LTE-FDD (6.70) 10172 CAH LTE-FDD (6.70) 10172 </td <td>}</td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td>	}					±9.6
1018 CAH LTE-FDD (6.82) 10189 CAH LTE-FDD (6.56) 10190 CAF LTE-FDD (6.56) 10161 CAF LTE-FDD (6.56) 10161 CAF LTE-FDD (6.43) 10162 CAF LTE-FDD (6.43) 10162 CAF LTE-FDD (6.43) 10162 CAF LTE-FDD (6.58) 10166 CAG LTE-FDD (6.79) 10166 CAG LTE-FDD (6.79) 10168 CAG LTE-FDD (6.79) 10169 CAF LTE-FDD (6.79) 10170 CAF LTE-FDD (6.79) 10170 CAF LTE-FDD (6.79) 10171 CAF LTE-FDD (6.79) 10172 CAF LTE-FDD (6.79) 10173 CAH LTE-FDD (6.79) 10173 CAH LTE-FDD (6.70) 10175 <td></td> <td></td> <td></td> <td>w</td> <td></td> <td>±9.6</td>				w		±9.6
International Construction International Construction International Construction International Construction CAH ITE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK) ITE-FDD 6.43 Internation Internation Construction Construction Construction Construction Construction Internation Construction						±9.6
10160 CAF LTE-FDD (Sc.FDMA, 50% RB, 15 MHz, QPSK) LTE-FDD 5.82 10161 CAF LTE-FDD (Sc.FDMA, 50% RB, 15 MHz, 16-CAM) LTE-FDD 6.43 10162 CAF LTE-FDD (Sc.FDMA, 50% RB, 15 MHz, 64-CAM) LTE-FDD 6.56 10166 CAG LTE-FDD (Sc.FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-FDD 6.21 10168 CAG LTE-FDD (Sc.FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-FDD 6.79 10169 CAF LTE-FDD (Sc.FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-FDD 6.79 10169 CAF LTE-FDD (Sc.FDMA, 18R, 20 MHz, 64-CAM) LTE-FDD 6.49 10171 AAF LTE-FDD (SC-FDMA, 1RB, 20 MHz, 64-CAM) LTE-FDD 9.48 10172 CAH LTE-FDD (SC-FDMA, 1RB, 20 MHz, 64-CAM) LTE-FDD 9.48 10172 CAH LTE-FDD (SC-FDMA, 1RB, 20 MHz, 64-CAM) LTE-FDD 9.48 10173 CAH LTE-FDD (SC-FDMA, 1RB, 20 MHz, 64-CAM) LTE-FDD 5.73 10176 CAH LTE-FDD (SC-FDM						±9.6
10161 CAF LITE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LITE-FDD 6.43 10162 CAF LITE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LITE-FDD 6.58 10166 CAG LITE-FDD (SC-FDMA, 50% RB, 14 MHz, QPSK) LITE-FDD 5.46 10167 CAG LITE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM) LITE-FDD 6.79 10168 CAG LITE-FDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM) LITE-FDD 6.79 10168 CAG LITE-FDD (SC-FDMA, 17B, 20 MHz, QPSK) LITE-FDD 6.73 10170 CAF LITE-FDD (SC-FDMA, 17B, 20 MHz, 0-QSK) LITE-FDD 6.49 10171 AAF LITE-FDD (SC-FDMA, 17B, 20 MHz, 0-QSK) LITE-FDD 9.21 10172 CAH LITE-TDD (SC-FDMA, 17B, 20 MHz, 0-QSK) LITE-FDD 9.48 10174 CAH LITE-FDD (SC-FDMA, 17B, 20 MHz, 0-QSK) LITE-FDD 9.49 10175 CAH LITE-FDD (SC-FDMA, 17B, 20 MHz, 0-QSK) LITE-FDD 5.72 10176 CAH LITE-FDD (SC-FDMA, 17B, 20 MHz, 0-QSK) LITE-FDD 5.72 10						±9.6
10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-FDD 6.58 10166 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 0PSk) LTE-FDD 5.46 10167 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-FDD 6.21 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-FDD 6.79 10168 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSk) LTE-FDD 6.52 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.49 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSk) LTE-TDD 9.48 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSk) LTE-TDD 9.48 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSk) LTE-FDD 6.52 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSk) LTE-FDD 6.52 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSk) LTE-FDD 6.52 101						±9.6
10166 CAG LTE-FDD \$5.46 10167 CAG LTE-FDD \$5.47 10168 CAG LTE-FDD \$5.48 10168 CAG LTE-FDD \$5.79 10168 CAG LTE-FDD \$5.73 10170 CAF LTE-FDD \$5.73 10171 CAF LTE-FDD \$5.73 10172 CAF LTE-FDD \$5.73 10173 CAH LTE-FDD \$5.79 10172 CAH LTE-FDD \$5.70MA, 1 RB, 20 MHz, 64-QAM) 10172 CAH LTE-FDD \$5.72 10173 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 0PSK) LTE-FDD \$5.72 10173 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 0PSK) LTE-FDD \$5.72 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD \$5.72 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 0PSK) LTE-FDD \$5.73 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 50 MHz, 0PSK) LTE-FDD	h					±9.6
10167 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-FDD 6.21 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 46-QAM) LTE-FDD 6.79 10169 CAF LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 46-QAM) LTE-FDD 6.73 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.49 10171 AAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-FDD 6.49 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 0PSK) LTE-TDD 9.21 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 0PSK) LTE-TDD 9.25 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 0PSK) LTE-FDD 5.72 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-FDD 5.73 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-FDD 5.73 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-FDD 5.73 10177 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-FDD 5.50 10177 CAH<						±9.6
10188 CAG LTE-FDD 6.79 10189 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 5.73 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.52 10171 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.49 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 9.21 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 9.24 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 10.25 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 5.72 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0FSK) LTE-FDD 6.52 10177 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0FSK) LTE-FDD 6.52 10177 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0FSK) LTE-FDD 6.52 10177 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0FSK) LTE-FDD 6.52 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 0FSK)						±9.6
10160 CAF LTE-FDD 6.73 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 0PSK) LTE-FDD 6.52 10171 AAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 04-QAM) LTE-FDD 6.49 10172 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 04-QAM) LTE-FDD 9.41 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 04-QAM) LTE-TDD 9.21 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 04-QAM) LTE-TDD 9.48 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 04-QAM) LTE-FDD 5.72 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM) LTE-FDD 5.72 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM) LTE-FDD 5.73 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM) LTE-FDD 6.50 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64						±9.6
10170 CAF LTE-FDD 6.52 10171 AAF LTE-FDD 6.49 10172 CAH LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.49 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-TDD 9.21 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 9.48 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.72 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.52 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 5.73 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 5.73 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-FDD 5.72 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-FDD 5.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-FDD 5.72 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-FDD 5.52 <				-1		±9.6
10171 AAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 6.49 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 9.21 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 10.25 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 10.25 10175 CAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.52 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK) LTE-FDD 6.52 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK) LTE-FDD 6.52 10177 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM) LTE-FDD 6.52 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 5.72 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 5.72 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 5.73 10184 CAF <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td>						±9.6
10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-TDD 9.21 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-OAM) LTE-TDD 9.48 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-OAM) LTE-TDD 10.25 10175 CAH LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 6.52 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-FDD 6.52 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-FDD 6.52 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-FDD 6.52 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.52 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0PSK) LTE-FDD 6.50 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.50 10184 CAF						±9.6
10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD 9.48 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 10.25 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 5.73 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 4-QAM) LTE-FDD 6.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.52 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 10185 CAF	L					±9.6
10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD 10.25 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-FDD 6.52 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.52 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 6.52 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-FDD 6.52 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-FDD 6.50 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-FDD 6.51 10184 CAF </td <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td>	1					±9.6
10175 CAH LTE-FDD S.72 10175 CAH LTE-FDD S.72 10176 CAH LTE-FDD S.72 10176 CAH LTE-FDD S.72 10177 CAJ LTE-FDD S.73 10177 CAJ LTE-FDD S.73 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD S.73 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD S.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD S.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD S.72 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD S.72 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD S.73 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD S.73 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD S.73 10186 CAF						±9.6
10176 CAH LTE-FDD 6.52 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK) LTE-FDD 5.73 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK) LTE-FDD 6.52 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.52 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 5.73 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) <						±9.6
10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-FDD 5.73 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.50 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 1 A MHz, QPSK) LTE-FDD 6.50 10187 CAG <						±9.6
10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.52 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK) LTE-FDD 6.50 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10188 CA	1					±9.6
10179 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD 6.50 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD 6.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 6.52 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-FDD 6.51 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-FDD 6.52 10186 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 04-QAM) LTE-FDD 6.52 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 04-QAM) LTE-FDD 6.52 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.52 10189 AAG <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td>						±9.6
10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK) LTE-FDD 5.72 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LTE-FDD 6.52 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK) LTE-FDD 6.50 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK) LTE-FDD 5.73 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM) LTE-FDD 6.50 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM) LTE-FDD 6.52 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK) LTE-FDD 6.52 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)<						±9.6
10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD 5.72 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 6.51 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM) LTE-FDD 6.52 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, G4-QAM) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10189 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10193 CAD	[,					±9.6
10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD 6.52 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 10183 AAE LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 5.73 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 10186 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, G4-QAM) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, G4-QAM) LTE-FDD 6.50 10180 CAD LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10193 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 10195	L					±9.6
10183 AAE LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 0.4-QAM) LTE-FDD 6.50 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK) WLAN 8.13 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10197 <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>±9.6</td>					_	±9.6
10106 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD 5.73 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.50 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 14 MHz, QPSK) LTE-FDD 6.50 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM) LTE-FDD 6.50 10189 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10197 CAD<						±9.6
10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.51 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.10 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10197 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 10219						±9.6
10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10198 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>±9.6</td></td<>						±9.6
10187 CAG LTE-FDD 5.73 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.50 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.10 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.13 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 M					-1	±9.6
10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 16-QAM) WLAN 8.13 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10198 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13						±9.6
10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 10193 CAD IEEE 802,11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802,11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 10195 CAD IEEE 802,11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10195 CAD IEEE 802,11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10196 CAD IEEE 802,11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.10 10197 CAD IEEE 802,11n (HT Mixed, 65 Mbps, 16-QAM) WLAN 8.13 10197 CAD IEEE 802,11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10198 CAD IEEE 802,11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802,11n (HT Mixed, 7,2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802,11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13						±9.6
10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 16-QAM) WLAN 8.13 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13						±9.6
10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10196 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.10 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13						±9.6
10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13	<u>j</u>					±9.6
10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13					1	±9.6
10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13	1					±9.6
10 198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13						±9.6
10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13						±9.6
10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13						±9.6
					8.13	±9.6
						±9.6
10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06					8.06	±9.6
10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48	1			i	8.48	±9.6
10224 CAD IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) WLAN 8.08					8.08	±9.6

	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10225	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10220	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	<u>+9.6</u>
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 ±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	9.86	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.46	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	10.06	±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	9.30	±9.6
10246		LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10247		LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10248	CAH CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-0444)	LTE-TDD	9.29	<u>+9.6</u>
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10250	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
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	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	<u>±9.6</u>
10262	CAH		LTE-TDD	9.83	±9.6
10263	_	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)		9.23	±9.6 ±9.6
10265		LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266			LTE-TDD	9.30	±9.6
10267			LTE-TDD	10.06	±9.6
10268			LTE-TDD	10.13	±9.6
10269			LTE-TDD	9.58	±9.6
10270		UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.10)	WCDMA	4.87	±9.6
10274			WCDMA	3.96	±9.6
10273	1		PHS	11.81	±9.6
10278			PHS	11.81	±9.6
10279		PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290		CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291		CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292		CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293		CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	i AAB		CDMA2000	12.49	±9.6
10297	' AAE		LTE-FDD	5.81	±9.6
10298			LTE-FDD	5.72	±9.6
10299			LTE-FDD	6.39	±9.6
10300			LTE-FDD	6.60	±9.6
10301			WIMAX	12.03	±9.6
10302				12.57	±9.6
10303			WIMAX WIMAX	12.52	±9.0 ±9.6
10304			WIMAX	15.24	±9.6
10305			WIMAX	14.67	±9.6
10306	S AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)		1 14.07	

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
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	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	<u>5.22</u> 6.27	±9.6 ±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz		8.37	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN WLAN	8.60	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10402		IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10403	AAB AAB	CDMA2000 (TXEV-DO, Rev. 0) CDMA2000 (TXEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10404	AAB	CDMA2000 (1XLV-D0, 1ev. A)	CDMA2000	5.22	±9.6
10400	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
10410	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10414	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	<u>+</u> 9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433		LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD WCDMA	8.34	±9.6
10434		W-CDMA (BS Test Model 1, 64 DPCH)	LTE-TDD	8.60	±9.6 ±9.6
10435		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subírame=2,3,4,7,8,9) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.0 ±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHZ, E-TM 3.1, Clipping 44%)	LTE-FDD	7.53	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44 %)	LTE-FDD	7.51	±9.6
10449		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		Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456		IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457		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		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		LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463		LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10464		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,32	±9.6 ±9.6
10466		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		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10468		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10469		LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10470		LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, 0L Subtrame=2,3,4,7,6,9)	LTE-TDD	8.32	±9.6
	1 ^^u		1		

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, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7,74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	<u>+</u> 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
10400	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
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64 SN, 62 Subirane=2,3,4,7,8,9)	LTE-TDD	8,41	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 10 CAM, 02 Subirane=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
		LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,37	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, OL Subtrane=2,3,4,7,6,9)	LTE-TDD	8,54	<u>+9.6</u>
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MR2, 04-CAN, 5C Subtranti-2,3,4,7,5,5)	LTE-TDD	7.67	±9.6
10497	AAC		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-TDD	8.68	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)		7.67	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		±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	
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	<u>+9.6</u>
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	<u>+9.6</u>
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	1EEE 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	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521		IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522		IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523		IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525		IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526		IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527		IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528		IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529		IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531		IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532		IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533		IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	1	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
			WLAN	8.45	±9.6
10525		IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10535					
10536					+9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN WLAN	8.44 8.54	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8,65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	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 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	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	<u>±9.6</u>
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

	Bass	Communication Fuston Nome	Cristian		Unc ^E $k = 2$
	Rev AAC	Communication System Name IEEE 802.11ac WiFI (20 MHz, MCS2, 90pc duty cycle)	Group WLAN	PAR (dB) 8.57	Unc-к = 2 ±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
Į	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
└── ↓-	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
§	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9,6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WIFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11 ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
}	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	 ±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
1	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
·	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
<u> </u>	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
· · · · · · · · · · · · · · · · · · ·	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
	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
	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
	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
	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
	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
1	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679 10680	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
	AAC AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10681		IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10681 10682			111 465	A 14	
10681 10682 10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10681 10682 10683 10684	AAC AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10681 10682 10683	AAC				

	Deut	Communication Outen Name	Crew		$Unc^{E} k = 2$
UID	Rev	Communication System Name	Group	PAR (dB)	
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688 10689	AAC AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN WLAN	8.29	±9.6
	AAC			8.55	±9.6
10690 10691	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN WLAN	8.29 8.25	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692		IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)			±9.6
	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 802.11 ax (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
10722	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	8.30	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.74	±9.6
10720	AAC	IEEE 802.11 ax (80 MHz, MCS8, 90pc duty cycle)	WLAN		
10727	AAC			8.66	±9.6
		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
C	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10747 10748	ANC				
	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10748		IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.90 8.79	±9.6 ±9.6
10748 10749	AAC				

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
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	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAD AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz) 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.87	±9,6
10805	AAD	5G NR (CP-OFDM, 1 HB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6 ±9,6
10805	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34 8.37	
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.37	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10812	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6
	1			1 0.40	1 10.0

	Deve	O	0		$Unc^E k = 2$
UID 10829	Rev AAD	Communication System Name 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	Group 5G NR FR1 TDD	PAR (dB) 8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	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 10877	AAE AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 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 5G NR FR2 TDD	7.95	±9.6
10879	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.41 8.12	±9.6 ±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	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	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

	D	One	0		Um Etr. 0
UID	Rev AAB	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10911 10912		5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.93	±9.6
10912	AAB AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84 5.84	<u>+9.6</u> +9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	 ±9.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,52	±9.6
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948 10949	AAC 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 (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.87	±9.6
10950	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.94 5.92	±9.6 ±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, 10MHz, 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	8.23	±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, 30kHz)	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, 15MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	5G NFI DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
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	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	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

Element

Columbia, USA

Client

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



S Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

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



EX-7670_Sep23

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7670	
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	01 ³
Calibration date	September 22, 2023	
This calibration certificate do The measurements and the	ocuments the traceability to national standards, which realize the physical units of measurements (SI). uncertainties with confidence probability are given on the following pages and are part of the certificate.	
	inducted in the closed laboratory facility: environment temperature (22 ± 3) °C and humidity < 70%.	e given on the following pages and are part of the certificate.

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	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
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 ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-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	Aidonia Georgiadou	Laboratory Technician		
Approved by	Sven Kühn	Technical Manager	5.6	
This calibration certificat	e shall not be reproduced except in ful	I without written approval of t	lssued: September 24, 202 he laboratory.	23

Calibration Laboratory of

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





S Schweizerischer Kalibrierdienst

Service suisse d'étalonnage

С Servizio svizzero di taratura S

Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

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

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm $(\mu V/(V/m)^2)^A$	0.62	0.59	0.57	±10.1%
DCP (mV) ^B	104.0	104.9	105,7	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A	В	С	D	VR	Max	Max
			dB	dBõV		dB	mV	dev.	Unc ^E
									k = 2
0	CŴ	Х	0.00	0.00	1.00	0.00	166.3	±3.0%	±4.7%
		Y	0.00	0.00	1.00		178.8		
		Z	0.00	0.00	1.00	1	177.8		
10352	Pulse Waveform (200Hz, 10%)	X	12.00	74.00	11.00	10.00	60.0	±2.8%	±9.6%
		Y	1.41	60.10	5.98	-	60.0		
		Z	1.52	60.43	6.06		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	74.00	9.00	6.99	80.0	±2.4%	±9.6%
		Y	0.79	60.00	4.68		80.0		
		Z	18.00	74.00	9.00		80.0		
10354	Pulse Waveform (200Hz, 40%)	Х	0.17	144.35	0.04	3.98	95.0	±2.6%	±9.6%
		Y	0.00	126.06	0.31		95.0		
		Z	0.02	133.25	0.32		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	7.13	159.79	20.33	2.22	120.0	±1.6%	±9.6%
		Y	12.62	159.11	3.19		120.0		
		Z	2.78	159.99	2.64		120.0		
10387	QPSK Waveform, 1 MHz	X	0.67	65.20	13.18	1.00	150.0	±4.1%	±9.6%
		Y	0.65	63.79	11.75		150.0		
		Z	0.45	62.31	11.30		150.0		
10388	QPSK Waveform, 10 MHz	X	1.44	66.31	14.43	0.00	150.0	±1.1%	±9.6%
		Y	1.38	65.08	13.57		150.0		
		Z	1.21	65.15	13.11		150.0		
10396	64-QAM Waveform, 100 kHz	Х	1.66	64.34	16.11	3.01	150.0	±1.2%	±9.6%
		Y	1.74	64.94	16.09		150.0		
		Z	1.71	64.89	16.10		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.88	66.24	15.18	0.00	150.0	±2.5%	±9.6%
		Y	2.85	65.81	14.83		150.0		
		Z	2.72	66.05	14.88		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.06	66.44	15.63	0.00	150.0	±4.3%	±9.6%
		Y	3.92	65.48	15.09		150.0		
		Z	3.83	66.60	15.44		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%.

 $[\]frac{A}{2}$ The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

 ^B Linearization parameter uncertainty for maximum specified field strength.
 ^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
Х	11.5	83.62	33.98	2.82	0.00	4.90	0.32	0.00	1.00
У	12.5	91.85	34.40	2.18	0.00	4.91	0.60	0.00	1.00
Z	8.5	62.13	33.86	1.35	0.00	4.90	0.51	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	
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.

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
128	52.8	0.76	12.83	12.83	12.83	0.00	1.00	±13.3%
750	41.9	0.89	9.94	9.94	9.94	0.50	0.80	±12.0%
835	41.5	0.90	9.68	9.68	9.68	0.43	0.85	±12.0%
1100	41.2	1.06	8.48	9.07	8.80	0.36	1.27	±12.0%
1750	40.1	1.37	8.47	8.47	8.47	0.32	0.86	±12.0%
1900	40.0	1.40	8.42	8.42	8.42	0.37	0.86	±12.0%
2300	39.5	1.67	8.16	8.16	8.16	0.34	0.90	±12.0%
2450	39.2	1.80	7.87	7.87	7.87	0.35	0.90	±12.0%
2600	39.0	1.96	7.73	7.73	7.73	0.44	0.90	±12.0%

Calibration Parameter Determined in Head Tissue Simulating Media

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

⁷ 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 TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

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

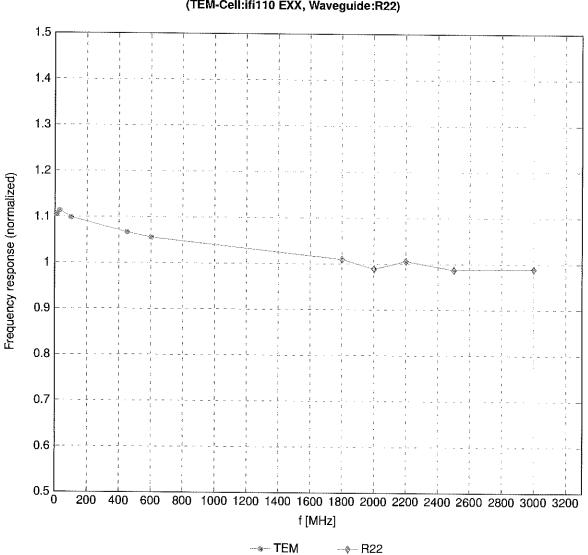
f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (<i>k</i> = 2)
750	55.5	0.96	9.95	9.95	9.95	0.45	0.80	±12.0%
835	55.2	0.97	9.72	9.72	9.72	0.45	0,86	±12.0%
1750	53.4	1.49	8.44	8.44	8.44	0.43	0.86	±12.0%
1900	53.3	1.52	8.16	8.16	8.16	0.44	0.86	±12.0%
2300	52.9	1.81	7.93	7.93	7.93	0.40	0.90	±12.0%
2450	52.7	1.95	7.65	7.65	7.65	0.37	0.90	±12.0%
2600	52.5	2.16	7.54	7.54	7.54	0.26	0.90	±12.0%

Calibration Parameter Determined in Body Tissue Simulating Media

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

F 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 TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

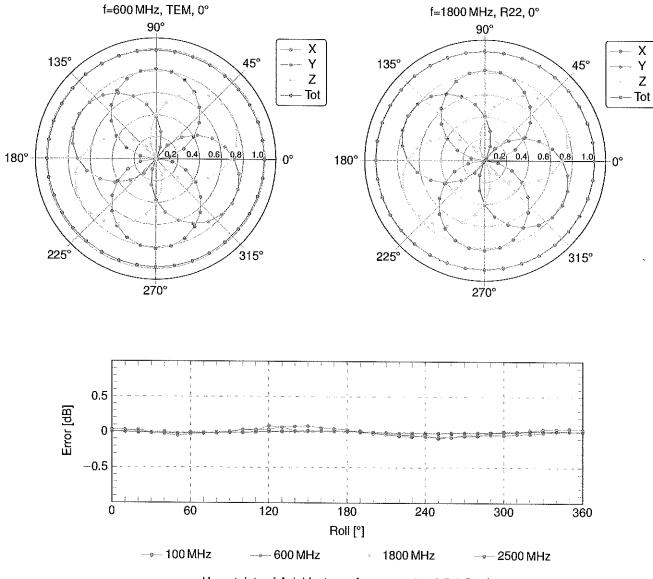
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter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



Frequency Response of E-Field

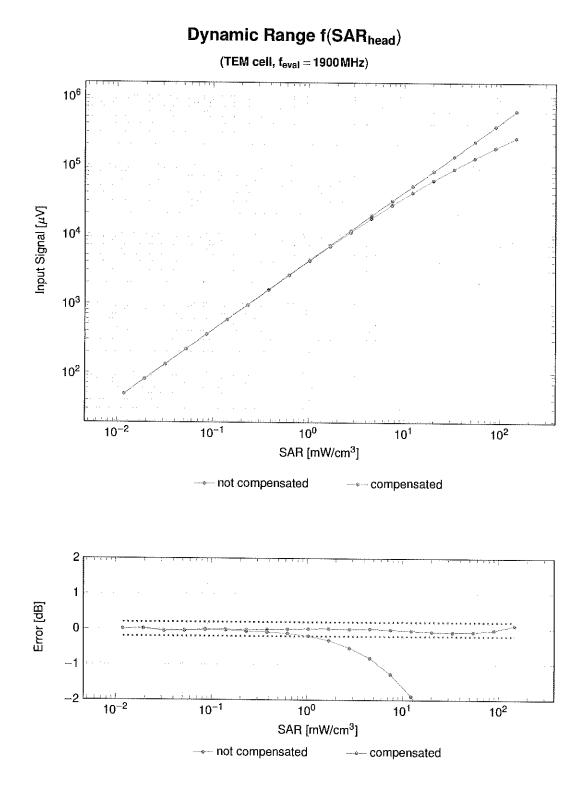
(TEM-Cell:ifi110 EXX, Waveguide:R22)

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



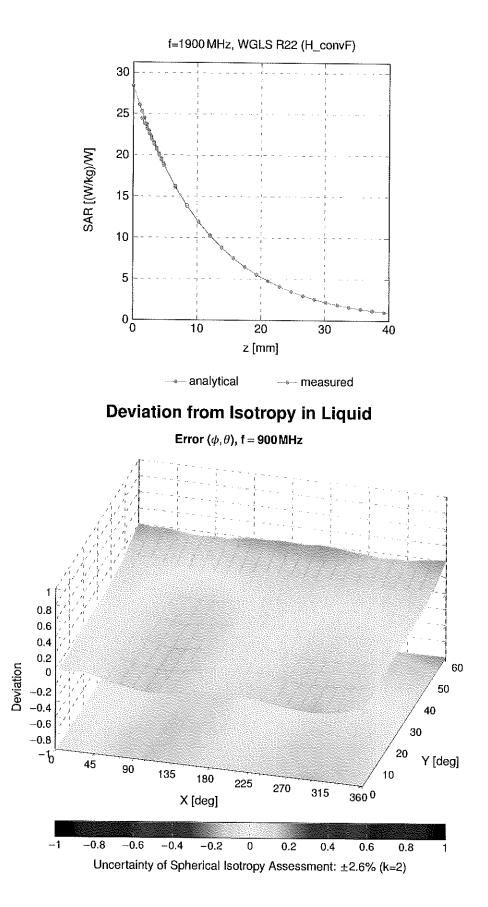
Receiving Pattern (ϕ **),** $\vartheta = 0^{\circ}$

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



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





Appendix: Modulation Calibration Parameters

UID	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	±4.7 ±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	
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		±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.39	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	9.57	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)		6.56	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	12.62	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	9.55	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	4.80	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	3.55	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	GSM	7.78	<u>±9.6</u>
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	5.30	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10033	CAA		Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WIFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.92	· ·
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		±9.6
10076	CAB	IEEE 802.11g WiFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.77	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	10.94	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	11.00	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	3.97	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)		4.77	±9.6
10097	CAC	UMTS-FDD (HSDPA)	GSM	6.56	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	WCDMA	3.98	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	5.67	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 18-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, QPSK) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.29	±9.6
10104	CAH	175-TDD (SC-EDMA 100% DD 20101- 04 0444)	LTE-TDD	9.97	±9.6
10105		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110 10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
121717	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

Initiz CAR LTE FED (63: FDMA, 100%, RB, 100%, FS, 454A) TTE FED FE, FED FE, FED 10110 CAR LEFE B02, TIR (TR) torowind, SI Maps, B*SG) WLAN 8, 60 9.85 10110 CAR LEFE B02, TIR (TR) torowind, SI Maps, B*SG) WLAN 8, 60 9.85 10110 CAD LEEE B02, TIR (TR) torowind, SI Maps, 84-CAM) WLAN 8, 61 9.85 10110 CAD LEEE B02, TIR (TR) torowind, SI Maps, 84-CAM) WLAN 8, 81 9.46 10110 CAD LEEE B02, TIR (TR) torowind, SI Maps, 18-CAM) WLAN 8, 81 9.46 10140 CAP LEEE B02, TIR (TR) torowind, SI Maps, 18-CAM) WLAN 8, 81 9.46 10141 CAP LEEE B02, TIR (TR) torowind, SI Maps, 18-CAM) WLAN 8, 81 9.46 10142 CAP LEFE B02, CER (TR) AN (TOK B0, SI MAP, 16-CAM) UTE FD0 6, 63 9.66 10142 CAP LEFE D0, CER CDMA, 100% B1, MAP, 16-CAM) UTE FD0 6, 64 9.66 10142 CAP LEFE D0, CER CDMA, 100% B1, MAP, 16-CAM) <th>UID</th> <th>Rev</th> <th>Communication System Name</th> <th>Group</th> <th></th> <th></th>	UID	Rev	Communication System Name	Group		
10119 CAH LTF FDD (GS-FDMA, 100%, RB, SMHz, B-GAM) TTF FDD 6.62 4.63 10116 CAD REEE 80.211 (nf Concentula, 15 AMps, 16-GAM) WLAN 8.46 456 10115 CAD REEE 80.211 (nf Concentula, 15 AMps, 16-GAM) WLAN 8.17 456 10115 CAD REEE 80.211 (nf TMode, 18 AMps, 16-GAM) WLAN 8.17 456 10116 CAD REEE 80.211 (nf TMode, 18 AMps, 16-GAM) WLAN 8.17 456 10116 CAD REEE 80.21 (nf TMode, 18 AMps, 16-GAM) WLAN 8.15 9.56 10141 CAF LTFFDD (SFTDMA, 100% RB, 15MFL, GPS0) LTFFDD (SFTDMA, 100% RB, 15MF	10112	CAH			PAR (dB)	Unc ^E $k = 2$
North CAD EEE 80.21 (n) (TH Greenided, 15 AMpp, 16-CAM) WLAN 8.40 19.56 10116 CAD EEE 80.21 (n) (TH Greenided, 15 AMpp, 16-CAM) WLAN 8.43 15.6 15.8 10116 CAD EEE 80.21 (n) (TH Greenided, 15 AMpp, 16-CAM) WLAN 8.67 1.6.6 10117 CAD EEE 80.21 (n) (TH Med, 15 AMpp, 16-CAM) WLAN 8.13 25.6 10116 CAD EEE 80.21 (n) (TH Med, 15 AMpp, 16-CAM) UTE-FDD 6.64 29.6 10141 CAP ILE-FDD (SC FDMA, 100%; B1, 5MHz, 16-CAM) UTE-FDD 6.63 48.6 10141 CAP ILE-FDD (SC FDMA, 100%; B1, 5MHz, 16-CAM) UTE-FDD 6.63 48.6 10142 CAP ILE-FDD (SC FDMA, 100%; B1, 5MHz, 16-CAM) UTE-FDD 6.64 48.6 10146 CAP ILE-FDD (SC FDMA, 100%; B1, 5MHz, 16-CAM) UTE-FDD 6.64 48.6 10147 CAP ILE-FDD (SC FDMA, 100%; B1, 2MHz, 16-CAM) UTE-FDD 6.64 48.6 10146 CAP LE-FDD (SC FDMA, 100%; B1, 2MHz, 16-CAM)	10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)			·
Intific CAD IEEE 80.211 (nfl Greenind, 15 Maps, 16 CAM) WLAN B.45 1938 10116 CAD IEEE 80.211 (nfl Greenind, 15 Maps, 16 CAM) WLAN B.57 1938 10116 CAD IEEE 80.211 (nfl Maed), 13 Shaps, 16 CAM) WLAN B.59 1936 10116 CAD IEEE 80.211 (nfl Maed), 13 Shaps, 16 CAM) WLAN B.59 1936 10116 CAD IEEE 80.211 (nfl Maed), 13 Shaps, 16 CAM) UTE-FDD 6.49 4.56 10121 CAP IEEE 80.211 (nfl Maed), 13 Shaps, 16 CAM) UTE-FDD 6.53 4.56 10122 CAP ITE-FDD (5C-FDM, 1007k BB, 14K-, 4CAM) UTE-FDD 6.53 4.56 10124 CAP ITE-FDD (5C-FDM, 1007k BB, 14K-, 4CAM) UTE-FDD 6.57 4.56 10141 CAP ITE-FDD (5C-FDM, 1007k BB, 14K-, 4CAM) UTE-FDD 6.57 4.56 10141 CAP ITE-FDD (5C-FDM, 1007k BB, 14K-, 4CAM) UTE-FDD 6.64 4.56 10145 CAP ITE-FDD (5C-FDM, 1007K BB, 14K-, 16CAM) UTE-FDD (5C-FDM, 456		CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)			
10110 CAD IEEE 822.11 (n (rf Caronfield, 138 Mbps, 64 CAM) WLAN 8.07 9.98 10117 CAD IEEE 802.11 (n (rf Mood, 138 Mbps, 16 CAM) WLAN 8.79 9.90 10118 CAD IEEE 802.11 (n (rf Mood, 138 Mbps, 16 CAM) WLAN 8.13 250 10118 CAD IEEE 802.11 (n (rf Mood, 138 Mbps, 16 CAM) UTE-FDD 5.49 250 10110 CAD IEEFDD (SE-FDM, 1057 MB, 15 MHz, 16 CAM) UTE-FDD 6.53 9.06 10141 CAP IEEFDD (SE-FDM, 1057 MB, 15 MHz, 16 CAM) UTE-FDD 6.53 9.06 10142 CAP IEFDD (SE-FDM, 1057 MB, 15 MHz, 16 CAM) UTE-FDD 6.56 9.86 10144 CAP IEFDD (SE-FDM, 1057 MB, 15 MHz, 16 CAM) UTE-FDD 6.72 9.86 10144 CAP IEFDD (SE-FDM, 307 MB, 14 MHz, 16 CAM) UTE-FDD 6.72 9.86 10149 CAP IEFDD (SE-FDM, 307 MB, 20 MHz, 16 CAM) UTE-FDD 6.76 9.86 10149 CAP IEFDD (SE-FDM, 307 MB, 20 MHz, 16 CAM) UTE-FDD 6	10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)			
Init? CAD LEEE B02.11 (If TMond, 13 Maps, 16-CAM) WLAN 6.97 1.95 10118 CAD LEEE B02.11 (If TMond, 13 Maps, 16-CAM) WLAN 6.99 9.93 10110 CAD LEEE B02.11 (If TMond, 13 Maps, 16-CAM) UTE-FDD 6.49 9.95 10141 CAP LEEE B02.11 (If TMond, 13 Maps, 16-M4E, 16-CAM) UTE-FDD 6.53 9.95 10142 CAP LTE-FDD SE-AMA, 1007 KB, 15-M4E, 16-CAM) UTE-FDD 6.53 9.96 10142 CAP LTE-FDD SE-AMA, 1007 KB, 14-M4E, CPSR) UTE-FDD 6.56 9.95 10142 CAP LTE-FDD SE-AMA, 1007 KB, 14-M4E, CPSR) UTE-FDD 6.54 9.95 10147 CAP LEF-DD SE-AMA, 1007 KB, 14-M4E, 16-CAM) UTE-FDD 6.44 18.6 10147 CAP LEF-DD SE-AMA, 2007 KB, 24-M4E, 16-CAMA) UTE-FDD 6.42 4.86 10156 CAP LEF-DD SE-AMA, 2007 KB, 24-MAH, 2007 KB, 24-MAH UTE-FDD 6.96 4.86 10157 <t< td=""><td></td><td>CAD</td><td>IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)</td><td></td><td></td><td></td></t<>		CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)			
Idt19 CAD LEEE 802.11 (f) F1 Mixed, 31 Mapp, 16-CAM) WiAN 8.19 956 10110 CAD CEEE 802.11 (f) F1 Mixed, 31 Mapp, 16-CAM) UTE-FDD 6.54 9.95 10141 CAP UTE-FDD 6.56 9.96 10141 CAP UTE-FDD 6.57 9.96 10142 CAP UTE-FDD 6.57 9.96 10141 CAP UTE-FDD 6.57 9.96 10141 CAP UTE-FDD 6.57 9.96 10142 CAP UTE-FDD 6.57 9.96 10146 CAP UTE-FDD 6.57 9.96 10146 CAP UTE-FDD 6.57 9.96 10146 CAP UTE-FDD 6.56 9.86 10146 CAP UTE-FDD 6.52 9.86 10147 CAS UTE-FDD 6.54 9.86 10146 CAP UTE-FDD 6.54 9.86 10147 UTE-FDD 0.54		4.				
10119 CAD LEEE 802 (11) (hT Mued, 138 Mapp, 64 CAM) W.AN 8,13 = 456 10140 CAT LTE-FDD 65.44 450.6 10140 CAT LTE-FDD 65.44 450.6 10142 CAT LTE-FDD 65.73 450.6 10142 CAT LTE-FDD 65.74 450.6 10143 CAT LTE-FDD 65.74 450.6 10145 CAT LTE-FDD 65.74 49.6 10145 CAT LTE-FDD 65.74 49.6 10147 CAT LTE-FDD 65.74 49.6 10147 CAT LTE-FDD 65.74 49.6 10147 CAT LTE-FDD 65.74 49.6 10148 CAT LTE-FDD 65.74 49.6 10149 CAT LTE-FDD 65.74 49.6 10149 CAT LTE-FDD 65.74 49.6 10145 CAT LTE-FDD 65.74 49.6 <td></td> <td></td> <td></td> <td>WLAN</td> <td></td> <td></td>				WLAN		
10140 CAF LTE-FDO 6.40 296 10147 CAF LTE-FDO 6.53 49.60 10147 CAF LTE-FDO 6.53 49.60 10147 CAF LTE-FDO 6.53 49.60 10143 CAF LTE-FDO 6.55 49.60 10144 CAF LTE-FDO 6.55 49.60 10145 CAF LTE-FDO 6.57 49.60 10146 CAF LTE-FDO 6.57 49.60 10146 CAF LTE-FDO 6.57 49.60 10146 CAF LTE-FDO 6.57 49.60 10147 CAF LTE-FDO 5.73 49.60 10150 CAF LTE-FDO 5.73 49.60 10151 CAF <td></td> <td></td> <td>IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)</td> <td>WLAN</td> <td></td> <td></td>			IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN		
10141 CAF ICF-FD0 65.50 19.80 10142 CAF ICF-FD0 10143 CAF ICF-FD0 6.73 49.6 10143 CAF ICF-FD0 10143 CAF ICF-FD0 6.73 49.6 10143 CAF ICF-FD0 10143 CAF ICF-FD0 6.65 49.6 10143 CAF ICF-FD0 10147 CAF ICF-FD0 6.74 49.6 10147 CAF ICF-FD0 10147 CAF 1147 10147 10147 10147 10147 10147 10147 10147 10147 10147 10147 10147 10147 10147 10147 10147 10167 </td <td></td> <td></td> <td>LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)</td> <td>LTE-FDD</td> <td></td> <td></td>			LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD		
10143 CAF LTE-FD0 GSC = MAA, 1007, RB, 3MAZ, 4E-CAM, LTE-FD0 GSC = MAA, 1007, RB, 3MAZ, 4E-CAM, 10144 CAG LTE-FD0 (SC-FDMA, 1007, RB, 3TAMEZ, 4E-CAM, LTE-FD0 6.76 1.96 10145 CAG LTE-FD0 (SC-FDMA, 1007, RB, 14 MAEZ, 4E-CAM, LTE-FD0 6.77 1.96 10147 CAG LTE-FD0 (SC-FDMA, 1007, RB, 14 MAEZ, 16-CAM, LTE-FD0 6.42 1.96 10149 CAF LTE-FD0 (SC-FDMA, 5007, RB, 20 MAEZ, 16-CAM, LTE-FD0 6.40 1.96 10150 CAF LTE-FD0 (SC-FDMA, 5007, RB, 20 MAEZ, 66-CAM, LTE-FD0 6.40 1.96 10152 CAH LTE-FD0 (SC-FDMA, 5007, RB, 20 MAEZ, 66-CAM, LTE-FD0 9.28 4.96 10152 CAH LTE-FD0 (SC-FDMA, 5007, RB, 20 MAEZ, 66-CAM, LTE-FD0 5.76 4.95 10156 CAH LTE-FD0 (SC-FDMA, 5007, RB, 50 MEZ, 16-CAM, LTE-FD0 5.76 4.96 10157 CAH LTE-FD0 (SC-FDMA, 5007, RB, 50 MEZ, 60-CAM, LTE-FD0 5.78 4.96 10156 CAH LTE-FD0 (SC-FDMA, 5			LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	
10144 CAF LIFE-PD0 (SC-FPAA, 1005 PR) 21MHz, 045AM) LIFE-PD0 6.56 19.56 10145 CAG LIFE-PD0 (SC-FPAA, 1005 PR) 21MHz, 045AM) LIFE-PD0 6.76 19.66 10147 CAG LIFE-PD0 (SC-FPAA, 1005 PR) 21MHz, 045AM) LIFE-PD0 6.72 19.66 10149 CAG LIFE-PD0 (SC-FPAA, 1005 PR) 21MHz, 16-CAM) LIFE-PD0 6.72 19.66 10150 CAF LIFE-PD0 (SC-FPAA, 1005 PR) 21MHz, 16-CAM) LIFE-PD0 6.72 19.66 10151 CAH LIFE-PD0 (SC-FPAA, 1005 PR) 21MHz, 16-CAM) LIFE-PD0 8.42 19.66 10152 CAH LIFE-PD0 (SC-FPAA, 8005 PR) 21MHz, 04-CAM) LIFE-PD0 9.82 19.66 10152 CAH LIFE-PD0 (SC-FPAA, 8005 PR) 21MHz, 04-CAM) LIFE-PD0 10.63 19.66 10154 CAH LIFE-PD0 (SC-FPAA, 8005 PR) 21MHz, 04-CAM) LIFE-PD0 8.43 49.6 10155 CAH LIFE-PD0 (SC-FPAA, 8005 PR) 31MHz, 04-CAM) LIFE-PD0 8.43 49.6 10156 CAH LIFE-PD0 (SC-FPAA, 8005 PR) 31MHz, 04-CAM)<			LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10145 CAG LTE-FDD (SC-FDMA, 1009; RB, 1: AMHz, 16-CAMQ) LTE-FDD (SC-FDMA, 1009; RB, 1: AMHz, 16-CAMQ) LTE-FDD (SC-FDMA, 1009; RB, 1: AMHz, 16-CAMQ) LTE-FDD (SC-FDMA, 5007; RB, 2: AMHz, 16-CAMQ) LTE FDD (SC-FDMA, 5007; RB, 2: AMHz, 16-CAMQ) <thle (sc-fdma,="" 5007;="" fdd="" rb,<="" td=""><td></td><td></td><td>LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)</td><td>LTE-FDD</td><td>6.35</td><td>±9.6</td></thle>			LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
International Constructional ITTE-FDD 6.41 1.16 Inter Constructional CEF Construction CEF Construction C				LTE-FDD	6.65	±9.6
10142 CAA LTE-PDD 6.41 49.6 10148 CAF LTE-PDD 6.42 19.6 10149 CAF LTE-PDD 6.42 19.6 10151 CAF LTE-PDD 6.42 19.6 10151 CAF LTE-TDD 6.42 19.6 10152 CAH LTE-TDD 6.42 19.6 10153 CAH LTE-TDD 6.42 19.6 10152 CAH LTE-TDD 6.43 19.6 10152 CAH LTE-TDD 10.55 19.8 10155 CAH LTE-DD 10.5 19.6 10157 CAH LTE-DD 6.43 19.6 10157 CAH LTE-DD 6.43 19.6 10157 CAH LTE-DD 6.43 19.6 10157 CAH LTE-DD 6.44 19.6 10165 CAH LTE-DD 6.42 19.6 10165 CAH LTE-		·		LTE-FDD	5.76	±9.6
10149 CAF LTE-FDD 5.42 4.96 10150 CAF LTE-FDD SCA 4.96 10150 CAF LTE-FDD SCA 4.96 10151 CAF LTE-TDD SCA 4.96 10152 CAH LTE-TDD SCA 4.96 10153 CAH LTE-TDD SCA 4.96 10153 CAH LTE-TDD SCA 4.96 10154 CAH LTE-FDD SCA 4.96 10154 CAH LTE-FDD SCA 4.96 10155 CAH LTE-FDD SCA 4.96 10155 CAH LTE-FDD SCA 4.96 10152 CAH LTE-FDD SCA 4.96 10164 CAE LTE-FDD			LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10150 CAF LTE-TDD (SC-FDMA, 50%, RB, 20 MHz, 045K) LTE-TDD 5.80 ±9.6 10151 CAH LTE-TDD (SC-FDMA, 50%, RB, 20 MHz, 16-CAM) LTE-TDD 9.92 ±9.6 10152 CAH LTE-TDD (SC-FDMA, 50%, RB, 20 MHz, 16-CAM) LTE-TDD 5.75 ±9.6 10153 CAH LTE-TDD (SC-FDMA, 50%, RB, 50 MHz, 04-CAM) LTE-FDD 6.75 ±9.8 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, 50 MHz, 04-CAM) LTE-FDD 6.43 ±9.8 10157 CAH LTE-FDD (SC-FDMA, 50%, RB, 50 MHz, 04-CAM) LTE-FDD 6.49 ±9.8 10158 CAH LTE-FDD (SC-FDMA, 50%, RB, 50 MHz, 04-CAM) LTE-FDD 6.56 ±9.6 10159 CAH LTE-FDD (SC-FDMA, 50%, RB, 15 MHz, 04-CAM) LTE-FDD 5.66 ±9.6 10160 CAF LTE-FDD (SC-FDMA, 50%, RB, 15 MHz, 04-CAM) LTE-FDD 5.62 ±9.6 10161 CAF LTE-FDD (SC-FDMA, 50%, RB, 15 MHz, 04-CAM) LTE-FDD 5.64 ±9.6 10162 CAF LTE-FDD (SC-FDMA, 50%, RB, 15 MHz, 04-CAM) L	1		LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10151 CAH LTE-TDD (SC-FDMA, 50%, RB, 200HE, GPSK) LTE-TDD 8.20 4.9.6 10192 CAH LTE-TDD (SC-FDMA, 50%, RB, 200HE, GCAM) LTE-TDD 9.82 4.9.6 10192 CAH LTE-TDD (SC-FDMA, 50%, RB, 200HE, GCAM) LTE-TDD 9.75 4.9.6 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, 200HE, GCAM) LTE-FDD 5.75 4.9.6 10165 CAH LTE-FDD (SC-FDMA, 50%, RB, 50HHz, GCAM) LTE-FDD 5.79 9.96 10165 CAH LTE-FDD (SC-FDMA, 50%, RB, 5MHz, GCAM) LTE-FDD 6.43 1.96 10165 CAH LTE-FDD (SC-FDMA, 50%, RB, 5MHz, GCAM) LTE-FDD 6.42 4.96 10165 CAH LTE-FDD (SC-FDMA, 50%, RB, 5MHz, GCAM) LTE-FDD 6.42 4.96 10165 CAH LTE-FDD (SC-FDMA, 50%, RB, 5MHz, GCAM) LTE-FDD 6.42 4.96 10166 CAF LTE-FDD (SC-FDMA, 50%, RB, 15MHz, GCAM) LTE-FDD 5.82 4.96 10166 CAG LTE-FDD (SC-FDMA, 50%, RB, 14MHz, LGCAM) LTE-FDD 5.82 </td <td></td> <td></td> <td>LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)</td> <td></td> <td>6.42</td> <td>±9.6</td>			LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)		6.42	±9.6
10152 CAH LTE-TDD Sol 20.5 10153 CAH LTE-TDD Sol 43.6 10154 CAH LTE-TDD Sol 43.6 10155 CAH LTE-TDD Sol 43.6 10156 CAH LTE-FDD Sol 43.6 10156 CAH LTE-FDD Sol 43.8 10157 CAH LTE-FDD Sol 43.8 10161 CAF LTE-FDD Sol 43.6 10162 CAF LTE-FDD Sol 43.6 10162 CAF LTE-FDD			LTE TOD (SC-FUMA, 50% RB, 20 MHz, 64-QAM)		6.60	±9.6
10153 CAH LTE-FDD Constraints LTE-FDD State 348.8 10154 GAH LTE-FDD S.F. STAMA, 50%, RB, 10MHz, QFSK) LTE-FDD S.F. State 10156 GAH LTE-FDD S.F. STAMA, 50%, RB, 10MHz, QFSK) LTE-FDD S.F. State 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, SMHz, QFSK) LTE-FDD S.F. State 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, SMHz, QFSK) LTE-FDD S.6.2 19.6 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, SMHz, QFSK) LTE-FDD S.6.2 19.6 10161 CAF LTE-FDD (SC-FDMA, 50%, RB, SMHz, QFSK) LTE-FDD S.6.2 19.6 10162 CAF LTE-FDD (SC-FDMA, 50%, RB, SMHz, GF-CAM) LTE-FDD S.6.4 4.9.6 10162 CAF LTE-FDD (SC-FDMA, 50%, RB, SMHz, GF-CAM) LTE-FDD S.6.4 4.9.6 10162 CAG LTE-FDD (SC-FDMA, 50%, RB, LAMHz, GF-CAM) LTE-FDD S.7.3 4.9.6 10162 CAG LTE-FDD (SC-FDMA, 50%, RB, LAMHZ, GF-CAM) LTE-FDD S.7.3 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>±9.6</td>						±9.6
10154 CAH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-FDD 5.73 49.6 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK) LTE-FDD 6.43 49.6 10156 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK) LTE-FDD 6.43 49.6 10157 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-GAM) LTE-FDD 6.49 49.6 10158 CAH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 4-GAM) LTE-FDD 6.62 49.6 10160 CAF LTE-FDD (SC-FDMA, 50% RB, 5MHz, 4-GAM) LTE-FDD 6.82 49.6 10161 CAF LTE-FDD (SC-FDMA, 50% RB, 5MHz, 4-GAM) LTE-FDD 6.82 49.6 10162 CAF LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM) LTE-FDD 6.43 49.6 10166 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM) LTE-FDD 5.73 49.6 10168 CAG LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM) LTE-FDD 5.73 49.6 10176 CAF LTE-FDD (SC-FDMA, 178, 20 MHz, 16-QAM) LTE-FDD 5.73		1	LTE-TOD (OC-FDIMA, OU% NB, 20 MHZ, 16-QAM)			±9.6
10165 CAH UTE-FDD (SC-FDMA, 50%, RB, 10MHz, 16-OAM) UTE-FDD 5.75 ±9.6 10166 CAH LTE-FDD (SC-FDMA, 50%, RB, 5MHz, 16-OAM) UTE-FDD 5.79 ±9.8 10175 CAH LTE-FDD (SC-FDMA, 50%, RB, 5MHz, 16-OAM) UTE-FDD 6.69 ±9.6 10156 CAH LTE-FDD (SC-FDMA, 50%, RB, 10MHz, 16-OAM) UTE-FDD 6.62 ±9.6 10160 CAF LTE-FDD (SC-FDMA, 50%, RB, 15MHz, 64-OAM) UTE-FDD 6.68 ±9.6 10161 CAF LTE-FDD (SC-FDMA, 50%, RB, 15MHz, 64-OAM) UTE-FDD 6.43 ±9.6 10162 CAF LTE-FDD (SC-FDMA, 50%, RB, 1.4MHz, 0FSK) UTE-FDD 5.46 ±9.8 10162 CAG LTE-FDD (SC-FDMA, 50%, RB, 1.4MHz, 0FSK) UTE-FDD 6.79 ±9.6 10163 CAF LTE-FDD (SC-FDMA, 50%, RB, 1.4MHz, 0FSK) UTE-FDD 6.73 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 15%, 20%, 20%) UTE-FDD 5.73 ±9.6 10171 CAF LTE-FDD (SC-FDMA, 178, 20MHz, 0PSK) UTE-FDD 5.72<	1		LTE-FDD (CO-FDIWA, 30% RB, 20 MHZ, 64-QAM)			
10165 CAH LTE-FDD (SC-FDMA, 59% RB, 5MHz, 16-GAM) LTE-FDD 5.78 19.6 10157 CAH LTE-FDD (SC-FDMA, 59% RB, 10 MHz, 64-GAM) LTE-FDD 6.49 19.6 10158 CAH LTE-FDD (SC-FDMA, 59% RB, 10 MHz, 64-GAM) LTE-FDD 6.52 49.6 10160 CAF LTE-FDD (SC-FDMA, 59% RB, 15 MHz, 16-GAM) LTE-FDD 6.43 49.6 10161 CAF LTE-FDD (SC-FDMA, 59% RB, 15 MHz, 16-GAM) LTE-FDD 6.43 49.6 10161 CAF LTE-FDD (SC-FDMA, 59% RB, 14 MHz, OPSK) LTE-FDD 6.44 49.6 10162 CAF LTE-FDD (SC-FDMA, 59% RB, 14 MHz, OPSK) LTE-FDD 6.46 49.6 10168 CAG LTE-FDD (SC-FDMA, 59% RB, 14 MHz, OPSK) LTE-FDD 6.73 49.6 10170 CAE LTE-FDD (SC-FDMA, 18%, 20MHz, 16-GAM) LTE-FDD 6.73 49.6 10171 CAE LTE-FDD (SC-FDMA, 18%, 20MHz, 16-GAM) LTE-FDD 6.49 49.6 10172 CAH LTE-FDD (SC-FDMA, 18%, 20MHz, 16-GAM) LTE-FDD 6.49<			TE-FDD (SC-FDMA 50% BB 104/47 16 0440			
10157 CAH LTE-FDD 5.7/9 194.6 10158 CAH LTE-FDD 6.62 19.6 10158 CAH LTE-FDD 6.62 19.6 10158 CAH LTE-FDD 6.52 19.6 10160 CAF LTE-FDD 5.82 19.6 10161 CAF LTE-FDD 5.82 19.6 10161 CAF LTE-FDD 6.43 19.6 10162 CAF LTE-FDD 6.43 19.6 10162 CAF LTE-FDD 6.58 19.6 10166 CAG LTE-FDD 6.54 49.6 10166 CAG LTE-FDD 6.79 49.6 10168 CAF LTE-FDD (SC-FDMA, 50%, RB, 14.MHz, 64-OAM) LTE-FDD 5.73 49.6 10170 CAF LTE-FDD (SC-FDMA, 18, 20.MHz, 64-OAM) LTE-FDD 5.73 49.6 10172 CAH LTE-FDD (SC-FDMA, 18, 20.MHz, 64-OAM) LTE-FDD 5.72 49.6 101						
10168 CAH LTE-FDD 6.62 49.6 10159 CAH LTE-FDD 6.62 49.6 10160 CAF LTE-FDD 6.56 49.6 10160 CAF LTE-FDD 6.57 49.6 10161 CAF LTE-FDD 6.58 49.6 10162 CAF LTE-FDD 6.58 49.6 10162 CAC LTE-FDD 6.58 49.6 10162 CAG LTE-FDD 6.58 49.6 10162 CAG LTE-FDD 6.74 49.6 10166 CAG LTE-FDD 6.74 49.6 10168 CAR LTE-FDD 6.74 49.6 10170 CAF LTE-FDD 6.79 49.6 10171 CAF LTE-FDD 6.79 49.6 10172 CAH LTE-TDD 9.44 48.6 10172 CAH LTE-TDD 9.44 48.6 10172 CAH <td< td=""><td></td><td>1</td><td>LTE-FDD (SC-FDMA 50% BB 5MH2 16 CAMA</td><td></td><td></td><td></td></td<>		1	LTE-FDD (SC-FDMA 50% BB 5MH2 16 CAMA			
10159 CAH LTE-FDD 6.52 49.6 10160 CAF LTE-FDD 6.56 49.6 10160 CAF LTE-FDD 6.56 49.6 10161 CAF LTE-FDD 6.58 49.6 10161 CAF LTE-FDD 6.58 49.6 10162 CAF LTE-FDD 6.43 49.6 10162 CAG LTE-FDD 6.58 49.6 10162 CAG LTE-FDD 6.58 49.6 10162 CAG LTE-FDD 6.52 49.6 10166 CAG LTE-FDD 5.74 49.6 10160 CAF LTE-FDD 5.73 49.6 10170 CAF LTE-FDD 6.52 49.6 10171 CAF LTE-FDD 6.43 49.6 10172 CAH LTE-TDD 9.44 49.6 10172 CAH LTE-TDD 5.72 49.6 10172 CAH <td< td=""><td></td><td></td><td>LTE-FDD (SC-FDMA, 50% BB, 10 MHz, 64-0 AM)</td><td></td><td></td><td></td></td<>			LTE-FDD (SC-FDMA, 50% BB, 10 MHz, 64-0 AM)			
10160 CAF LITE-FDD SC-FDMA, 50% RB, 15 MHz, GPSK) LITE-FDD 5.82 18.8 10161 CAF LITE-FDD SC-FDMA, 50% RB, 15 MHz, G+CAM) LITE-FDD 5.43 ±9.6 10162 CAF LITE-FDD SC-FDMA, 50% RB, 15 MHz, G+CAM) LITE-FDD 5.44 ±9.6 10167 CAG LITE-FDD SC-FDMA, 50% RB, 14 MHz, G+CAM) LITE-FDD 5.44 ±9.6 10168 CAG LITE-FDD (SC-FDMA, 50% RB, 14 MHz, G+CAM) LITE-FDD 5.73 ±9.6 10170 CAF LITE-FDD (SC-FDMA, 178, 20 MHz, 16-CAM) LITE-FDD 5.62 ±9.6 10170 CAF LITE-FDD (SC-FDMA, 178, 20 MHz, 16-CAM) LITE-FDD 5.44 ±9.6 10171 CAH LITE-DD (SC-FDMA, 178, 20 MHz, 16-CAM) LITE-FDD 9.48 ±9.6 10172 CAH LITE-DD (SC-FDMA, 178, 20 MHz, 16-CAM) LITE-FDD 5.72 ±9.6 10176 CAH LITE-FDD (SC-FDMA, 178, 20 MHz, 16-CAM) LITE-FDD 5.72 ±9.6 10176 CAH LITE-FDD			LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)			
10161 CAF LITE-FDD 6.43 ±38.6 10162 CAG LITE-FDD (SC-FDMA, 50% RB, 15MHz, 64-OAM) LITE-FDD 6.58 ±9.6 10166 CAG LITE-FDD (SC-FDMA, 50% RB, 15MHz, 64-OAM) LITE-FDD 6.43 ±9.6 10167 CAG LITE-FDD (SC-FDMA, 50% RB, 14MHz, 16-OAM) LITE-FDD 6.21 ±9.6 10168 CAG LITE-FDD (SC-FDMA, 50% RB, 14MHz, 16-OAM) LITE-FDD 6.79 ±9.6 10169 CAF LITE-FDD (SC-FDMA, 18B, 20MHz, 16-OAM) LITE-FDD 6.42 ±9.6 10171 CAF LITE-FDD (SC-FDMA, 18B, 20MHz, 16-OAM) LITE-FDD 6.42 ±9.6 10172 CAH LITE-FDD (SC-FDMA, 18B, 20MHz, 16-OAM) LITE-FDD 9.44 ±9.6 10172 CAH LITE-FDD (SC-FDMA, 18B, 20MHz, 16-OAM) LITE-FDD 9.21 ±9.6 10172 CAH LITE-FDD (SC-FDMA, 18B, 20MHz, 16-OAM) LITE-FDD 9.22 ±9.6 10174 CAH LITE-FDD (SC-FDMA, 18B, 5MHz, 0PSK) LITE-FDD 5.72 ±9.6						
10162 CAF LTE-FDD 6.75 1.03 10166 CAG LTE-FDD 5.46 ±9.6 10167 CAG LTE-FDD 5.46 ±9.6 10168 CAG LTE-FDD 5.46 ±9.6 10167 CAG LTE-FDD 5.46 ±9.6 10168 CAG LTE-FDD 5.73 ±9.6 10170 CAF LTE-FDD 5.73 ±9.6 10170 CAF LTE-FDD 5.73 ±9.6 10171 CAH LTE-FDD 6.49 ±9.6 10172 CAH LTE-FDD 6.49 ±9.6 10173 CAH LTE-FDD (SC-FDMA, 1R8, 20MHz, 64-QAM) LTE-FDD 9.48 ±9.6 10173 CAH LTE-FDD (SC-FDMA, 1R8, 20MHz, 16-QAM) LTE-FDD 10.25 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1R8, 10MHz, 16-QAM) LTE-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1R8, 10MHz, 16-QAM) LTE-FDD 5.73	10161					
10168 CAG LTE-FDD 5.46 ±0.5 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, 16-QAM) LTE-FDD 5.73 ±9.6 10170 CAF LTE-FDD (SC-FDMA, 178, 20Hz, 20-CAM) LTE-FDD 5.73 ±9.6 10171 AAF LTE-FDD (SC-FDMA, 178, 20Hz, 20-CAM) LTE-FDD 6.52 ±9.6 10171 AAF LTE-FDD (SC-FDMA, 178, 20Hz, 20-CAM) LTE-FDD 9.21 ±9.6 10172 CAH LTE-TDD (SC-FDMA, 178, 20Hz, 20-CAM) LTE-TDD 9.24 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 178, 20Hz, 6-CAM) LTE-FDD 10.25 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 178, 20Hz, 6-CAM) LTE-FDD 5.72 ±9.6 10177 CAH LTE-FDD (SC-FDMA, 178, 50Hz, QPSK) LTE-FDD 5.73 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 178, 50Hz, 6-CAM) LTE-FDD 5.73 ±9.6 10177	10162	CAF				
10167 CAG LTE-FDD 6.21 ±8.6 10188 CAG LTE-FDD 6.79 ±9.6 10189 CAF LTE-FDD 6.79 ±9.6 10180 CAF LTE-FDD 6.79 ±9.6 10171 AAF LTE-FDD 6.52 ±9.8 10172 CAF LTE-FDD 6.49 ±9.6 10172 CAH LTE-FDD 6.49 ±9.6 10172 CAH LTE-TDD 6.49 ±9.6 10172 CAH LTE-TDD (SC-FDMA, 18, 20MHz, 40-ADM) LTE-TDD 9.48 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 18, 20MHz, 40-ADM) LTE-TDD 10.25 ±9.6 10175 CAH LTE-FDD (SC-FDMA, 18, 18, 20MHz, 40-ADM) LTE-FDD 6.52 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 18, 18, 5MHz, 64-ADM) LTE-FDD 6.52 ±9.6 10177 CAH LTE-FDD (SC-FDMA, 18, 15MHz, 64-ADM) LTE-FDD 6.52 ±9.6 10178 CAH <td>10166</td> <td>CAG</td> <td>LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)</td> <td></td> <td></td> <td></td>	10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)			
10168 CAG LTE-FDD 6.79 ±8.6 10169 CAF LTE-FDD 6.79 ±8.6 10170 CAF LTE-FDD 5.73 ±9.6 10171 CAF LTE-FDD 5.73 ±9.6 10170 CAF LTE-FDD 6.52 ±9.6 10171 CAF LTE-FDD 6.49 ±9.6 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20MHz, 46-QAM) LTE-TDD 9.48 ±9.6 10172 CAH LTE-TDD (SC-FDMA, 1 RB, 20MHz, 46-QAM) LTE-TDD 9.48 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20MHz, 46-QAM) LTE-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10MHz, 46-QAM) LTE-FDD 6.52 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)			
10199 CAF LTE-FDD 5.73 ±0.6 10170 CAF LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10171 AAF LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM) LTE-FDD 6.49 ±9.6 10172 CAH LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM) LTE-FDD 9.21 ±9.6 10173 CAH LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM) LTE-TDD 9.22 ±9.6 10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM) LTE-FDD 5.72 ±9.6 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM) LTE-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM) LTE-FDD 5.73 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM) LTE-FDD 5.73 ±9.6 10177 CAJ 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	10168	CAG				
10170 CAF LTE-FDD 6.62 49.8 10171 AAF LTE-FDD 6.42 49.6 10172 CAH LTE-FDD 6.44 49.6 10173 CAH LTE-TDD 9.21 49.6 10173 CAH LTE-TDD 9.21 49.6 10174 CAH LTE-TDD 9.24 49.6 10173 CAH LTE-TDD 9.26 49.6 10174 CAH LTE-TDD 10.25 49.6 10176 CAH LTE-FDD 5.72 49.6 10177 CAJ LTE-FDD 5.72 49.6 10177 CAJ LTE-FDD 6.52 49.6 10177 CAJ LTE-FDD 6.52 49.6 10179 CAH LTE-FDD 6.52 49.6 10179 CAH LTE-FDD 5.72 49.6 10180 CAF LTE-FDD 5.72 49.6 10181 CAF <t< td=""><td>10169</td><td>CAF</td><td></td><td></td><td>1</td><td></td></t<>	10169	CAF			1	
10171 AAF LTE-FDD 6.49 195. 10172 CAH LTE-TDD 9.21 19.6 10173 CAH LTE-TDD 9.21 19.6 10173 CAH LTE-TDD 9.21 19.6 10174 CAH LTE-TDD 9.24 19.6 10174 CAH LTE-TDD 9.24 19.6 10175 CAH LTE-TDD 10.25 19.6 10176 CAH LTE-FDD 5.72 19.6 10176 CAH LTE-FDD 5.73 19.6 10177 CAJ LTE-FDD 5.73 19.6 10178 CAH LTE-FDD 5.73 19.6 10179 CAH LTE-FDD 6.50 19.6 10180 CAH LTE-FDD 6.50 19.6 10180 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD 6.50 19.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-FDD	10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)			
10172 CAH LITE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK) LITE-TDD 9.21 49.6 10173 CAH LITE-TDD (SC-FDMA, 1 RB, 20MHz, 64-CAM) LITE-TDD 9.48 48.6 10174 CAH LITE-TDD (SC-FDMA, 1 RB, 20MHz, 64-CAM) LITE-FDD 5.72 49.6 10175 CAH LITE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK) LITE-FDD 6.52 49.6 10176 CAH LITE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK) LITE-FDD 6.52 49.6 10177 CAJ LITE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM) LITE-FDD 6.52 49.6 10177 CAH LITE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LITE-FDD 6.50 49.6 10180 CAH LITE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LITE-FDD 6.50 49.6 10181 CAF LITE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) LITE-FDD 6.52 49.6 10182 CAF LITE-FDD (SC-FDMA, 1 RB, 3MHz, 0PSK) LITE-FDD 6.50 49.6 10184 CAF LITE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM) LITE-FDD 6.50		AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)			
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-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 5.72 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 50 Hz, QPSK) LTE-FDD 5.73 ±9.6 10177 CAJ LTE-FDD (SC-FDMA, 1 RB, 50 Hz, QPSK) LTE-FDD 5.73 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 50 Hz, 46-QAM) LTE-FDD 6.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 51 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 51 MHz, 64-QAM) LTE-FDD 6.52 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0PSK) LTE-FDD 6.52 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0PSK) LTE-FDD 6.52 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 5.73 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)		CAH				
10174 CAH LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-FDD 5.72 ±9.6 10175 CAH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD 6.52 ±9.6 10176 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) 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, 16-QAM) LTE-FDD 6.52 ±9.6 10178 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10179 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 6.52 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10184 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) <td></td> <td></td> <td></td> <td>LTE-TDD</td> <td></td> <td></td>				LTE-TDD		
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, QPSK) 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, 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 5.72 ±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 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, 3 MHz, QPSK) 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, 64-QAM) <t< td=""><td></td><td></td><td>LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)</td><td>LTE-TDD</td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td></t<>			LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	· · · · · · · · · · · · · · · · · · ·	
10177 CAJ LTE-FDD 6.62 ±9.6 10178 CAH LTE-FDD 5.73 ±9.6 10178 CAH LTE-FDD 5.73 ±9.6 10179 CAH LTE-FDD 6.52 ±9.6 10179 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-FDD 6.50 ±9.6 10180 CAH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-FDD 6.50 ±9.6 10181 CAF LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-FDD 5.72 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-FDD 6.52 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-FDD 6.51 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 04-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		1	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD		
10178 CAH LTE-FDD 3.7.3 ±9.6 10179 CAH 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, 0FSK) LTE-FDD 6.52 ±9.6 10182 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0FSK) LTE-FDD 6.52 ±9.6 10183 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0FQK) LTE-FDD 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-FDD 6.51 ±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, 16-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4	1		LTE-FDD (SC-FDMA, 1 RB, 10 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, 5MHz, QPSK) LTE-FDD 5.72 ±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 6.50 ±9.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 04-QAM) LTE-FDD 5.73 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 04-QAM) LTE-FDD 5.73 ±9.6 10186 CAF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 04-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 14-MHz, 04-QAM) LTE-FDD 6.50 ±9.6 10188 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 6.50 <td< td=""><td></td><td></td><td></td><td>LTE-FDD</td><td>5,73</td><td>±9.6</td></td<>				LTE-FDD	5,73	±9.6
10180 CAH LTE-FDD 6.50 19.6 10181 CAF LTE-FDD 6.50 19.6 10181 CAF LTE-FDD 5.72 19.6 10182 CAF LTE-FDD 5.72 19.6 10182 CAF LTE-FDD 5.72 19.6 10183 AAE LTE-FDD 6.52 19.6 10183 AAE LTE-FDD 6.52 19.6 10184 CAF LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD 5.73 19.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-FDD 6.50 19.6 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD 6.50 19.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.52 19.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.52 19.6 10198 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 19.6<				LTE-FDD	6.52	±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, QPSK) LTE-FDD 6.51 ±9.6 10185 CAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GA-QAM) LTE-FDD 6.51 ±9.6 10186 AAF LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GA-QAM) LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GA-QAM) LTE-FDD 6.50 ±9.6 10198 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GA-QAM) LTE-FDD 6.50 ±9.6 10199 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, 8PSK) WLAN 8.09			LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10182 CAF LTE-FDD GAT 1030 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 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 6.50 ±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, 06-QAM) 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 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-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 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 1			LIE-FUD (SU-FUMA, 1 HB, 5 MHz, 64-QAM)		6.50	±9.6
10183 AAE LTE-FDD 6.52 19.6 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 10186 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 5.73 ±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, G4-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 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 1					5.72	±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, QPSK) LTE-FDD 6.52 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK) LTE-FDD 6.50 ±9.6 10193 CAD LEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 85 Mbps, 64-QAM) WLAN 8.13						±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, 1.4 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 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, 64-QAM) WLAN 8.12 ±9.6 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 55 Mbps, 8PSK) WLAN 8.13 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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, 1.4 MHz, QPSK) LTE-FDD 5.73 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-FDD 6.52 ±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 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.10 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, BPSK) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 55 Mbps, 64-QAM) WLAN 8.13 ±9.6 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13			TE-EDD (SC-EDMA 1 BB 2MHz 19 OAM)			
10187 CAG LTE-FDD 6.50 ±9.6 10187 CAG LTE-FDD 5.73 ±9.6 10188 CAG LTE-FDD 5.73 ±9.6 10188 CAG LTE-FDD 6.52 ±9.6 10188 CAG LTE-FDD 6.52 ±9.6 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.12 ±9.6 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10198 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK) WLAN 8.03 ±9.6 10219 CAD	1					
10188 CAG LTE-FDD 5.73 ±9.6 10188 CAG LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM) LTE-FDD 6.52 ±9.6 10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM) LTE-FDD 6.50 ±9.6 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10220					4	
10189 AAG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-FDD 6.50 ±9.6 10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.11 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13					F	
10193 CAD IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) WLAN 8.09 ±9.6 10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 59 Mbps, 16-QAM) WLAN 8.13 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.27						
10194 CAD IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) WLAN 8.12 ±9.6 10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.12 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.21 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 65 Mbps, BPSK) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 16-QAM) WLAN 8.13 ±9.6 10198 CAD IEEE 802.11n (HT Mixed, 55 Mbps, 64-QAM) WLAN 8.13 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.27 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
10195 CAD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) WLAN 8.21 ±9.6 10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 55 Mbps, 64-QAM) WLAN 8.13 ±9.6 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6			IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	•		
10196 CAD IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) WLAN 8.10 ±9.6 10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ±9.6 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 16-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 15 Mbps, 16-QAM) WLAN 8.48 ±9.6			IEEE 802.11n (HT Greenfield, 65 Mbps. 64-QAM)		· · · · · · · · · · · · · · · · · · ·	
10197 CAD IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) WLAN 8.13 ±9.6 10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.13 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 16-QAM) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 9.0 Mbps, 16-QAM) WLAN 8.48 ±9.6	10196	CAD			· · · · · · · · · · · · · · · · · · ·	
10198 CAD IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) WLAN 8.27 ±9.6 10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.06 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.06 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6	10197	CAD			· · · · · · · · · · · · · · · · · · ·	····
10219 CAD IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) WLAN 8.03 ±9.6 10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.13 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6	ŧ	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)			
10220 CAD IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) WLAN 8.13 ±9.6 10221 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6	10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)			
10221 CAD IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) WLAN 8.27 ±9.6 10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6 10224 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6		CAD				
10222 CAD IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) WLAN 8.06 ±9.6 10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6 10224 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6					······	
10223 CAD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) WLAN 8.48 ±9.6 10224 CAD IEEE 802.11c (HT Mixed, 150 Mbps, 16-QAM) WLAN 8.48 ±9.6					· · ·	
10224 CAD LEEE 202110 (LT Mined 150 Mines 04 OAM)				4		
	10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	· · · · · · · · · · · · · · · · · · ·	

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233		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 (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, TRB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	9.48	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	10.25	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.21	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	9.48	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TDD	10.25	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.21	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.82	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.86	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	9.46	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6 ±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	9.90	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAE	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 (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9,98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.97	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.24	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	9.83	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	10.16	±9.6
10265	CAH	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	9.30	±9.6 ±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.00	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	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 10293	AAB AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	3.50	±9.6
10295	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.81	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	5.72	±9.6
10200	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.39	±9.6
10301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	LTE-FDD	6.60	±9.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX WIMAX	12.03	±9.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10 MHz, 64 QAM, PUSC)	WIMAX	12.57	±9.6
10304	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6 ±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

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 AAE	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) iDEN 1:3	LTE-FDD	6.06	±9.6
10313	AAA	iDEN 1:6	IDEN	10.51	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	IDEN	13.48	±9.6
10316	AAS	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN WLAN	1.71	±9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6 ±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 AAE	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAB	CDMA2000 (1xEV-DO, Rev. 0)	WLAN CDMA2000	8.53	±9,6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000 CDMA2000	3.76	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6 ±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419 10422	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.32	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.47	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN WLAN	8.40	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.41	±9.6 ±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.43	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9,6
10448		LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.53	±9.6
10445	AAD	LTE-FDD (OFDMA, 13MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	LTE-FDD WCDMA	7.48	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	7.59	±9.6 ±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463 10464	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 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, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-GAM, 0L Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD 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 ±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
۱ <u>ــــــــــــــــــــــــــــــــــــ</u>				0.02	20.0

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, 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
10479	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10470	AAC	LTE-TDD (3C-FDMA, 30% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±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	8.18	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD LTE-TDD	8.45	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±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 ±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 10494	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
10495	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 (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD LTE-TDD	8.54	±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	7.67	±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	8.40 8.68	<u>+9.6</u> +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
10508	AAG 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	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,55	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6 ±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	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520 10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN WLAN	8.27	±9.6
10526	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.36	±9.6 ±9.6
10527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535 10536	AAC AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10530	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN WLAN	8.54	±9.6
			VVLAN	8.39	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WIFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564		IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565		IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8,45	±9.6
10565	AAA AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10569	AAA AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10570	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
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) 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, 11 Mpps, 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	8.59	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mpps, 90pc duty cycle)	WLAN	8.60	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10579	AAA	IEEE 802.11g Wir 2.4 GHz (DSSS-OFDM, 18 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 duty cycle)	WLAN	8.76	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN WLAN	8.35	±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)		8.67	±9.6
10584	AAC	IEEE 802.11a/h WiFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN WLAN	8.59	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6 ±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.79	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	<u>+9.6</u>
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
40.007	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10607 10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)			

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11 ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	<u>+9.6</u>
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11 ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10645	AAD	IEEE 802.11ac WiFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	WLAN	9.11	±9.6
10647	AAG	LTE-TDD (3C-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	LTE-TDD	11.96	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	CDMA2000	3.45	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 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	7.42	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	LTE-TDD	7.21	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	10.00	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test Test	6.99	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	3.98	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	2.22	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	0.97	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6 ±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10673				0.70	±9.6
10673 10674	AAC	ICCE OUZLITAX (ZUIVITIZ, WIGS3, SUDCIDIIV CVCIA)	λ/I ΔΝΙ	Q 74	±9.0
L		IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN WLAN	8.74	
10674	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10674 10675	AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN WLAN	8.90 8.77	±9.6 ±9.6
10674 10675 10676	AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN WLAN WLAN	8.90 8.77 8.73	±9.6 ±9.6 ±9.6
10674 10675 10676 10677	AAC AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN WLAN WLAN WLAN	8.90 8.77 8.73 8.78	±9.6 ±9.6 ±9.6 ±9.6
10674 10675 10676 10677 10678	AAC AAC AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN	8.90 8.77 8.73 8.78 8.89	± 9.6 ± 9.6 ± 9.6 ± 9.6 ± 9.6 ± 9.6
10674 10675 10676 10677 10678 10679	AAC AAC AAC AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN	8.90 8.77 8.73 8.78 8.89 8.89 8.80	± 9.6 ± 9.6 ± 9.6 ± 9.6 ± 9.6 ± 9.6 ± 9.6
10674 10675 10676 10677 10678 10679 10680	AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.90 8.77 8.73 8.78 8.89 8.80 8.80 8.62	$ \begin{array}{r} \pm 9.6 \\ \end{array} $
10674 10675 10676 10677 10678 10679 10680 10681	AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.90 8.77 8.73 8.78 8.89 8.80 8.62 8.83	$ \begin{array}{r} \pm 9.6 \\ \end{array} $
10674 10675 10676 10677 10678 10679 10680 10681 10682	AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.90 8.77 8.73 8.73 8.78 8.89 8.80 8.62 8.83 8.42	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10674 10675 10676 10677 10678 10679 10680 10681 10682 10683	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.90 8.77 8.73 8.78 8.89 8.80 8.62 8.83	$ \begin{array}{r} \pm 9.6 \\ \end{array} $

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8,73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716 10717	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
	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 10724	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
10728	AAC AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
		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 10731	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 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) IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.27	±9.6
10738	AAC		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	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (60 MHz, MCS0, 90pc duty cycle)	WLAN	8.43	±9.6
10743	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, 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
10748	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10740	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.93	±9.6
10749	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
10752	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10106	770	The obstantial (100 Mins, NOS9, Supe duty cycle)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754 10755	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC 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
10758	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.77	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.49	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.58	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN WLAN	8.49	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.53	<u>+9.6</u>
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
10767	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6 ±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781 10782	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.40	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.35	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.44	±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.39	±9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39 7.83	±9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806 10809	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAD AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAE	5G NR (CP-OFDM, 50% HB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.35	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.33	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41 8.41	<u>+9.6</u> +9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10001	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10824				0.00	Ta.0
10824	AAD	DG NR (CP-OFDM, TUU% RB, 60 MHZ, QPSK, 30 kHz)	5G NR FR1 TOD 1	841	+0 E
	AAD AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 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	8.41 8.42	±9.6 ±9.6

1983 ADD 56 NR (CP-CPDM, 100X HB, 100X HB, CPRK, 0014b) CO. NR FPRT TOD 7.43 98.62 1983 ADD 60 NR (CP-CPDM, 1RB, 1054 HB, 2055K, 0014b) 50 NR FPRT TOD 7.43 456 1983 ADD 60 NR (CP-CPDM, 1RB, 1054 HL, 2055K, 0014b) 50 NR FPRT TOD 7.74 456 1983 ADD 60 NR (CP-CPDM, 1RB, 2054K, 2055K, 0014b) 50 NR FPRT TOD 7.75 456 10834 ADD 50 NR (CP-CPDM, 1RB, 2054K, 2055K, 6014b) 50 NR FPRT TOD 7.76 458 10837 ADD 60 NR (CP-CPDM, 1RB, 2054K, 2055K, 6014b) 50 NR FPRT TOD 7.76 458 10837 ADD 60 NR (CP-CPDM, 1RB, 2054K, 2055K, 6014b) 50 NR FPRT TOD 7.77 4.88 10847 ADD 63 NR (CP-CPDM, 1RB, 2054K, 2055K, 6014b) 50 NR FPRT TOD 7.77 4.88 10847 ADD 63 NR (CP-CPDM, 1RB, 2054K, 2055K, 6014b) 50 NR FPRT TOD 7.77 4.88 10847 ADD 63 NR (CP-CPDM, 1RB, 2054K, 2055K, 2054b) 50 NR FPRT TOD 7.77 4.88 10848 ADD <	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
19850 ADJ 5G NR (PC-PDM, TR, 1044E, APSK, 60Me) 5G NR FPT TDD 7.73 59.6 10682 ADJ 6G NR (PC-PDM, TR, 20MeL, APSK, 60Me) 5G NR FPT TDD 7.73 59.6 10682 ADJ 6G NR (PC-PDM, TR, 20MeL, APSK, 60Me) 5G NR FPT TDD 7.73 59.6 10854 ADJ 6G NR FPC PDM, TR, 20MeL, APSK, 60Me) 5G NR FPT TDD 7.70 4.96 10854 ADJ 6G NR FPC PDM, TR, 20MeL, APSK, 60Me) 5G NR FPT TDD 7.70 4.96 10856 ADJ 6G NR FPT TDD 7.70 4.96 6G NR FPT TDD 7.70 4.96 10857 ADJ 6G NR FPT TDD 7.70 4.96 7.70 4.96 10861 ADJ 6G NR FPT TDD 7.70 4.96 7.77 4.96 10861 ADJ 6G NR FPT TDD 7.77 4.96 7.77 4.96 10861 ADJ 6G NR FPT TDD 7.77 4.96 7.77 4.96 10861 ADJ 6G NR FPT TDD 7.77 4.96 <t< td=""><td>10829</td><td>AAD</td><td></td><td></td><td></td><td>·</td></t<>	10829	AAD				·
1983 AND 6G NH (PC-POM, 1 RB, 15M-W, QPSK, 60Hz) 5G NA FRI TDD 7.73 4.96 1982 AND 6G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NA FRI TDD 7.74 4.96 1983 AND 6G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NN FRI TDD 7.72 4.96 1984 AND 5G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NN FRI TDD 7.72 4.96 1985 AND 5G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NN FRI TDD 7.70 4.96 1986 AND 5G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NR FRI TDD 7.70 4.96 1986 AND 5G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NR FRI TDD 7.71 4.96 1986 AND 5G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NR FRI TDD 7.71 4.96 1986 AND 5G NR (PC-POM, 1 RB, 20M-W, QPSK, 60Hz) 5G NR FRI TDD 7.71 4.96 1986 AND 5G NR (PC-POM, 1 NOVR, RB, 20M-W, QPSK, 60Hz) 5G NR FRI TDD 5.38 4.90 1986 AND 5G NR (PC-POM, 1 NOVR, RB, 20M-W,	10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)			
10832 ADJ GAN (PAO-PEM, I HR, 20MHz, CPSK, 60MHz) GGAN FRI TOD 7.70 4.90 10835 ADJ GGAN (PAO-PEM, I RR, 20MHz, CPSK, 60MHz) GGAN FRI TOD 7.70 4.90 10835 ADJ GGAN (PAO-PEM, I RR, 20MHz, CPSK, 60MHz) GGAN FRI TOD 7.70 4.90 10835 ADJ GAN (PAO-PEM, I RR, 20MHz, CPSK, 60HHz) GGAN FRI TOD 7.70 4.90 10837 ADJ GAN (PAO-PEM, I RR, 20MHz, CPSK, 60HHz) GGAN FRI TOD 7.70 4.90 10848 ADJ GAN (PAO-PEM, I RR, 20MHz, CPSK, 60HHz) GGAN FRI TOD 7.77 4.90 10848 ADJ GAN (PAO-PEM, I RR, 20MHz, CPSK, 60HHz) GGAN FRI TOD 7.71 4.90 10844 ADJ GAN (PAO-PEM, 1 RR, 20MHz, CPSK, 60HHz) GGAN FRI TOD 8.44 4.80 10845 ADJ GAN (PAO-PEM, 1 RR, 20MHz, CPSK, 60HHz) GGAN FRI TOD 8.44 4.84 10846 ADJ GAN (PAO-PEM, 1 RR, 20MHz, CPSK, 60HHz) GGAN FRI TOD 8.44 4.84 4.84 4.84 4.84 4.84 4.84		AAD				
1983 ADD SS NR (CP OFEM, IF R8, 30H/L, OPSK, 80H/2) SG NR FRI TOD 7.70 49.8 1985 ADD SG NR (CP OFEM, IF R8, 30H/L, OPSK, 80H/2) SG NR FRI TOD 7.76 49.0 1985 ADD SG NR (CP OFEM, IF R8, 30H/L, OPSK, 80H/2) SG NR FRI TOD 7.66 49.9 1985 ADD SG NR (CP OFEM, IF R8, 30H/L, OPSK, 80H/2) SG NR FRI TOD 7.76 49.8 1985 ADD SG NR (CP OFEM, IF R8, 30H/L, OPSK, 80H/2) SG NR FRI TOD 7.77 49.8 1983 ADD SG NR (CP OFEM, IF R8, 30H/L, OPSK, 80H/2) SG NR FRI TOD 7.77 49.8 1984 ADD SG NR FRI TOD SG NR FRI TOD 5.4 4.8 1984 ADD SG NR FG OFEM, IF R8, 30H/L, OPSK, 80H/2) SG NR FRI TOD 5.4 4.8 1984 ADD SG NR FG OFEM, SG R8, 60H/2 SG NR FRI TOD 8.4 4.8 1985 ADD SG NR FG OFEM, SG R8, 60H/2 SG NR FRI TOD 8.4 4.8 1986 ADD SG NR FG OFEM, SG R8, 60H/2 SG NR FRI TOD 8.		AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)			
1985 AAD SG NR (PC PCPM, 1 R8, 30HHz, OPSK, 80Hz) SG NR (PH TIDD 7.75 4.95 1985 AAD SG NR (PC PCPM, 1 R8, 30HHz, OPSK, 80Hz) SG NR (PH TIDD 7.66 4.90 19827 AAD SG NR (PC PCPM, 1 R8, 30HHz, OPSK, 80Hz) SG NR (PH TIDD 7.66 4.90 19829 AAD SG NR (PC PCPM, 1 R8, 30HHz, OPSK, 60Hz) SG NR (PH TIDD 7.76 4.98 19839 AAD SG NR (PC PCPM, 1 R8, 30HHz, OPSK, 60Hz) SG NR (PH TIDD 7.77 4.98 19849 AAD SG NR (PC PCPM, 1 R8, 30HHz, OPSK, 60Hz) SG NR (PH TIDD 8.44 4.98 19849 AAD SG NR (PC PCPM, 1 R8, 30Hz, OPSK, 60Hz) SG NR (PH TIDD 8.44 4.98 19849 AAD SG NR (PC PCPM, 1 R8, 30Hz, OPSK, 60Hz) SG NR (PH TIDD 8.44 9.84 19849 AAD SG NR (PC PCPM, 1 R8, 30Hz, OPSK, 60Hz) SG NR (PH TIDD 8.34 4.96 19849 AAD SG NR (PC PCPM, 1 R9, 30Hz, OPSK, 60Hz) SG NR (PH TIDD 8.34 4.96 19849 AAD SG NR (PC PCPM,		AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)			
1985 AD 5G NR (PC PCPM, IRS, OMH2, OPSK, ObH2) SO NR PRI TOD 7.70 450 1985 AD SG NR (PC PCPM, IRS, OMH2, OPSK, ObH2) SG NR PRI TOD 7.66 450 1985 AD SG NR (PC PCPM, IRS, OMH2, OPSK, ObH2) SG NR PRI TOD 7.76 450 1986 AD SG NR (PC PCPM, IRS, OMH2, OPSK, ObH2) SG NR PRI TOD 7.77 450 1988 AD SG NR (PC PCPM, IRS, IOME2, OPSK, ObH2) SG NR PRI TOD 7.77 450 1988 AD SG NR (PC PCPM, SG RB, 2004-2) SG NR PRI TOD 8.44 450 1988 AD SG NR (PC PCPM, SG RB, 2004-2) SG NR PRI TOD 8.44 450 1986 AD SG NR (PC PCPM, 100% PRI 1504-4, OPSK, 6014-2) SG NR PRI TOD 8.34 450 1986 AD SG NR (PC PCPM, 100% PRI 1504-4, OPSK, 6014-2) SG NR PRI TOD 8.34 450 1986 AD SG NR (PC PCPM, 100% PRI 1504-4, OPSK, 6014-2) SG NR PRI TOD 8.34 450 1986 AD SG NR (PC PCPM, 100% PRI 1504-4, OPSK, 6014-2) <t< td=""><td></td><td></td><td>5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)</td><td>5G NR FR1 TDD</td><td></td><td></td></t<>			5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		
1982 AD SG NR (PC PCPM, 1 R8, 00H/L, CPSK, 60H/L) SG NR (PF PT TOD 7.68 436 1984 AD SG NR (PC PCPM, 1 R8, 00H/L, CPSK, 60H/L) SG NR (PF PT TOD 7.77 49.0 1984 AD SG NR (PC PCPM, 1 R8, 100H/L, CPSK, 60H/L) SG NR (PF PT TOD 7.77 49.0 1984 AD SG NR (PC PCPM, 50% R8, 15MHL, CPSK, 60H/L) SG NR (PT RT TOD 8.44 49.0 1984 AD SG NR (PC PCPM, 50% R8, 15MHL, CPSK, 60H/L) SG NR (PT RT TOD 8.44 49.0 1985 AD SG NR (PC PCPM, 100% R8, 15MHL, CPSK, 60H/L) SG NR FRI TOD 8.34 49.6 1985 AD SG NR (PC PCPM, 100% R8, 15MHL, CPSK, 60H/L) SG NR FRI TOD 8.37 49.6 1985 AD SG NR (PC PCPM, 100% R8, 25MHL, CPSK, 60H/L) SG NR FRI TOD 8.34 49.6 1986 AD SG NR (PC PCPM, 100% R8, 20MHL, CPSK, 60H/L) SG NR FRI TOD 8.34 49.6 1986 AD SG NR (PC PCPM, 100% R8, 20MHL, CPSK, 60H/L) SG NR FRI TOD 8.34 49.6 1988 AD <			5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	
1989 AAD SG NR (CP-OPDM, 1 RB, 90HAZ, OPSK, 90HAZ) SG NR FIRT TDD 7.70 9.95 1984 AAD SG NR (CP-OPDM, 1 RB, 100MAZ, OPSK, 90HAZ) SG NR FIRT TDD 7.71 +5.9 1984 AAD SG NR (CP-OPDM, 50% RD, 15MK, 20FSK, 60HAZ) SG NR FIRT TDD 8.44 +5.9 1984 AAD SG NR (CP-OPDM, 50% RD, 15MK, 20FSK, 60HAZ) SG NR FIRT TDD 8.44 +5.9 1985 AAD SG NR (CP-OPDM, 50% RD, 15MK, 20FSK, 60HAZ) SG NR FIRT TDD 8.44 +5.9 1985 AAD SG NR (CP-OPDM, 100% RB, 20MAZ, OPSK, 60HAZ) SG NR FIRT TDD 8.34 +5.6 1985 AAD SG NR (CP-OPDM, 100% RB, 20MAZ, OPSK, 60HAZ) SG NR FIRT TDD 8.33 +5.6 1986 AAD SG NR (CP-OPDM, 100% RB, 20MAZ, OPSK, 60HAZ) SG NR FIRT TDD 8.34 +5.6 1986 AAD SG NR (CP-OPDM, 100% RB, 20MAZ, OPSK, 60HAZ) SG NR FIRT TDD 8.34 +5.6 1986 AAD SG NR (CP-OPDM, 100% RB, 20MAZ, OPSK, 60HAZ) SG NR FIRT TDD 8.41 +5.6 1986 AAD			5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10840 ADD SO NR (CP-CPEN, H. R8, 50MHz, CPESK, 50MHz) SG NR FPH TDD 7.67 9.68 10841 ADD SO NR (CP-CPEN, 188, 15MHz, CPESK, 50MHz) SG NR FPH TDD 8.49 9.69 10842 ADD SO NR (CP-CPEN, 50%, R8, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.49 9.69 10844 ADD SO NR (CP-CPEN, 50%, R8, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.41 9.85 10845 ADD SO NR (CP-CPEN, 60%, R8, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.34 9.85 10856 ADD SO NR (CP-CPEN, 60%, R8, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.36 9.86 10856 ADD SO NR (CP-CPEN, 100%, RB, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.36 9.86 10856 ADD SO NR (CP-CPEN, 100%, RB, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.36 9.83 10856 ADD SO NR (CP-CPEN, 100%, RB, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.36 9.83 10856 ADD SO NR (CP-CPEN, 100%, RB, 20MHz, CPESK, 50MHz) SG NR FPH TDD 8.37 4.36 10856			5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
19841 AAD 50 NR (CP-CPDM, 1785, 100 MHz, CPSK, 0914c) 50 NR FFH TOD 7.71 53 B 19843 AAD 50 NR (CP-CPDM, 50%, Ref. 3044c), CPSK, 0914c) 60 NR FFH TOD 8.34 9.50 19844 AAD 50 NR (CP-CPDK, 50%, Ref. 3044c), CPSK, 0914c) 60 NR FFH TOD 8.34 4.95 19854 AAD 50 NR (CP-CPDK, 100%, Ref. 3044c), CPSK, 0914c) 60 NR FFH TOD 8.34 4.95 19855 AAD 50 NR (CP-CPDK, 100%, Ref. 3044c), CPSK, 0914c) 50 NR FFH TOD 8.34 4.95 19856 AAD 50 NR (CP-CPDK, 100%, Ref. 3044c), CPSK, 0914c) 56 NR FFH TDD 8.36 4.96 19857 AAD 50 NR (CP-CPDK, 100%, Ref. 3044c), CPSK, 0914c) 56 NR FFH TDD 8.36 4.96 19858 AAD 50 NR (CP-CPDK, 100%, Ref. 3044c), CPSK, 0914c) 56 NR FFH TDD 8.36 4.96 19858 AAD 50 NR (CP-CPDK, 100%, Ref. 3044c), CPSK, 0914c) 56 NR FFH TDD 8.37 4.98 19859 AAD 50 NR (CP-CPDK, 100%, Ref. 3044c), CPSK, 6044c) 56 NR FFH TDD 8.37 4.98 <td< td=""><td></td><td></td><td></td><td>5G NR FR1 TDD</td><td>7.70</td><td>±9.6</td></td<>				5G NR FR1 TDD	7.70	±9.6
10983 ADD 50 NR (CP-CPDM, 50%, Ref., 50%-Ke, 20%-K, 20%-K		· · · · · · · · · · · · · · · · · · ·			7.67	±9.6
1984 ADD 50 NR (CP-CPCM, 69%, RB, 20MHz, QPSK, 60Hz) 50 NR FFR TDD 8.34 9.57 1985 ADD 50 NR (CP-CPCM, 100%, RB, 10MHz, QPSK, 60Hz) 50 NR FFR TDD 8.34 9.65 1985 ADD 50 NR (CP-CPCM, 100%, RB, 10MHz, QPSK, 60Hz) 50 NR FFR TDD 8.37 4.83 1985 ADD 50 NR (CP-CPCM, 100%, RB, 20MHz, QPSK, 60Hz) 50 NR FFR TDD 8.37 4.83 1985 ADD 50 NR (CP-CPCM, 100%, RB, 20MHz, QPSK, 60Hz) 50 NR FFR TDD 8.36 4.23 1985 ADD 50 NR (CP-CPCM, 100%, RB, 20MHz, QPSK, 60Hz) 50 NR FFR TDD 8.34 4.86 1986 ADD 50 NR (CP-CPCM, 100%, RB, 20MHz, QPSK, 50Hz) 50 NR FFR TDD 8.34 4.86 1986 ADD 50 NR (CP-CPCM, 100%, RB, 20MHz, QPSK, 50Hz) 50 NR FFR TDD 8.34 4.86 1986 ADD 50 NR (CP-CPCM, 100%, RB, 20MHz, QPSK, 50Hz) 50 NR FFR TDD 8.41 4.86 1986 ADD 50 NR (DF-CPCM, 100%, RB, 20MHz, QPSK, 20MHz) 50 NR FFR TDD 8.43 4.86 1986 ADD				5G NR FR1 TDD	7.71	±9.6
1988 AAD SG NR (CP-OPEN, 50% RB, 30MEL, OPSK, 60H4) SO NR FRI TOD 3.41 4.0.5 19855 AAD SG NR (CP-OPEN, 100%, RB, 10MEL, OPSK, 60H4) SO NR FRI TOD 3.36 4.9.3 19855 AAD SG NR (CP-OPEN, 100%, RB, 20MEL, OPSK, 60H4) SG NR FRI TDD 8.37 4.9.3 19857 AAD SG NR (CP-OPEN, 100%, RB, 20MEL, OPSK, 60H4) SG NR FRI TDD 8.36 4.9.3 19858 AAD SG NR (CP-OPEN, 100%, RB, 20MEL, OPSK, 60H4) SG NR FRI TDD 8.34 4.9.3 10859 AAD SG NR (CP-OPEN, 100%, RB, 20MEL, OPSK, 60H4) SG NR FRI TDD 8.34 4.9.3 10860 AAD SG NR (CP-OPEN, 100%, RB, 20MEL, GPSK, 20H4) SG NR FRI TDD 8.41 4.9.3 10861 AAD SG NR (CP-OPEN, 100%, RB, 20MEL, GPSK, 20H4) SG NR FRI TDD 8.41 4.9.3 10862 AAD SG NR (CP-OPEN, 100%, RB, 20MEL, GPSK, 20H4) SG NR FRI TDD 8.41 4.9.8 10864 AAD SG NR (CP-OPEN, 100%, RB, 100MEL, GPSK, 20H4) SG NR FRI TDD 5.87 4.9.8 10864					8.49	±9.6
19855 AAD SG NR (CP-OFDM, 100%, RB, 10MHz, OPSK, 601Hz) 5G NR FRIT TDD 3.36 +3.9 19855 AAD SG NR (CP-OFDM, 100%, RB, 10MHz, OPSK, 601Hz) 5G NR FRIT TDD 6.37 +3.8 19857 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 601Hz) 5G NR FRIT TDD 6.37 +3.8 19859 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 601Hz) 5G NR FRIT TDD 8.36 +3.9 19850 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 601Hz) 5G NR FRIT TDD 8.44 +4.6 19850 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 601Hz) 5G NR FRIT TDD 8.41 +3.5 19850 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 601Hz) 5G NR FRIT TDD 8.41 +3.6 19865 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 601Hz) SG NR FRIT TDD 5.37 +5.6 19865 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 20Hz) SG NR FRIT TDD 5.48 19866 AAD SG NR (DF-OFDM, 100%, RB, 20MHz, OPSK, 20Hz) SG NR FRIT TDD 5.68 +3.68 19868 AAD			DG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)		8.34	±9.6
19855 AAD SG NR (CP-OFDM, 100% RB, 50MHz, CPSK, 60MHz) 50 NR FR1 TDD 3.36 +5.5 19857 AAD SG NR (CP-OFDM, 100% RB, 50MHz, CPSK, 60HHz) 50 NR FR1 TDD 8.36 ±5.8 19858 AAD SG NR (CP-OFDM, 100% RB, 30MHz, CPSK, 60HHz) 50 NR FR1 TDD 8.36 ±5.8 19859 AAD SG NR (CP-OFDM, 100% RB, 30MHz, CPSK, 60HHz) 50 NR FR1 TDD 8.34 ±5.8 19869 AAD SG NR (CP-OFDM, 100% RB, 30MHz, OPSK, 60HHz) 56 NR (PT TDD 8.41 ±5.8 19869 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 60HHz) 56 NR (PT TDD 8.41 ±5.8 19864 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 60Hz) SG NR FR1 TDD 5.81 ±3.8 19864 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 50Hz) SG NR FR1 TDD 5.81 ±3.8 19864 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 50Hz) SG NR FR1 TDD 5.89 ±3.8 19868 AAD SG NR (DT-S-OFDM, 100% RB, 50 MHz, OPSK, 50Hz) SG NR FR1 TDD 5.89 ±3.8 10888 AAD			SG NR (OP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)			±9.6
TOBSE AAD EG NR (CP-OPDM, 100%, RE, 2004Hz, OPSK, 6014Hz) Dot NR (CP-OPDM, 100%, RE, 2004Hz, OPSK, 6014Hz) EG NR (RT TDD B.33 43.6 T0855 AAD SG NR (CP-OPDM, 100%, RE, 3004Hz, OPSK, 6014Hz) SG NR (RT TDD B.33 43.6 T0855 AAD SG NR (CP-OPDM, 100%, RE, 4004Hz, OPSK, 6014Hz) SG NR (RT TDD B.34 43.6 T0856 AAD SG NR (CP-OPDM, 100%, RE, 4004Hz, OPSK, 6014Hz) SG NR RT TDD B.34 43.6 T0866 AAD SG NR (CP-OPDM, 100%, RE, 8004Hz, OPSK, 6014Hz) SG NR RT TDD B.41 49.6 T0866 AAD SG NR (CP-OPDM, 100% RE, 8004Hz, OPSK, 6014Hz) SG NR RT TDD B.41 49.6 T0866 AAD SG NR (CP-OPDM, 100% RE, 8004Hz, OPSK, 5004Hz) SG NR RT TDD SG NR	1					±9.6
10857 AAD 5G NR (CP-OFDM, 100%, RB, 25KHE, OPSK, 600Hz) 5G NR (FP, TDD 8.35 48.5 10858 AAD 5G NR (CP-OFDM, 100%, RB, 20KHz, OPSK, 60Hz) 5G NR (FP, TDD 8.34 48.6 10859 AAD 5G NR (CP-OFDM, 100%, RB, 20KHz, OPSK, 60Hz) 5G NR (FP, TDD 8.41 45.6 10851 AAD 5G NR (CP-OFDM, 100%, RB, 20KHz, OPSK, 60Hz) 5G NR FPI TDD 8.41 45.6 10864 AAD 5G NR (CP-OFDM, 100%, RB, 20KHz, OPSK, 60Hz) 5G NR FPI TDD 8.41 45.6 10864 AAD 5G NR (CP-OFDM, 100%, RB, 20KHz, OPSK, 60Hz) 5G NR FPI TDD 8.41 45.6 10865 AAD 5G NR (FP-OFDM, 100%, RB, 100MHz, OPSK, 50Hz) 5G NR FPI TDD 5.89 45.6 10868 AAD 5G NR (FP-OFDM, 100%, RB, 100MHz, OPSK, 20Hz) 5G NR FPI TDD 5.89 45.6 10869 AAD 5G NR (FP-OFDM, 100%, RB, 100MHz, OPSK, 20Hz) 5G NR FPI TDD 5.89 45.6 10870 AAE 5G NR (FP-OFDM, 100%, RB, 100MHz, OPSK, 120Hz) 5G NR (FPI TDD 5.75 45.6 10877						
19858 AAD 56 AW (CP-OFDM, 100%, RB, 30MHz, OPSK, 50Hz) 56 AW FPH 1DD 8.36 25.36 10859 AAD 56 AW (CP-OFDM, 100%, RB, 50MHz, OPSK, 50Hz) 56 AW FPH 1DD 8.34 49.6 10861 AAD 56 AW (CP-OFDM, 100%, RB, 30MHz, OPSK, 50Hz) 56 AW FPH 1DD 8.41 49.6 10861 AAD 56 AW (CP-OFDM, 100%, RB, 30MHz, OPSK, 60Hz) 56 AW FPH 1DD 8.41 49.6 10864 AAD 56 AW (CP-OFDM, 100%, RB, 30MHz, OPSK, 60Hz) 56 AW FPH 1DD 8.41 49.6 10865 AAD 56 AW (CP-OFDM, 100%, RB, 100MHz, OPSK, 60Hz) 56 AW FPH 1DD 5.83 49.6 10868 AAD 56 AW (CP-OFDM, 100%, RB, 100MHz, OPSK, 50Hz) 56 AW FPH 1DD 5.89 49.6 10870 AAE 56 AW (CP-OFDM, 100%, RB, 100MHz, OPSK, 120Hz) 56 AW FPH 1DD 5.89 49.6 10871 AAE 56 AW (CP-OFDM, 100%, B, 100MHz, OPSK, 120Hz) 56 AW FPH 2DD 5.75 49.6 10872 AAE 56 AW (CP-FOM, 100%, B, 100MHz, 162AM, 120Hz) 56 AW FPH 2DD 5.65 49.6 10874	1					
Totage AAD SG NR TPT TDD		ļ				
1980 AAD 5G NR (CP-OPDM, 100% RB, 50/Hz, OPSK, 50/Hz) 5G NR FRI TDD 8.41 20.3 19861 AAD 5G NR (CP-OFDM, 100% RB, 80/Hz, OPSK, 50/Hz) 5G NR FRI TDD 8.40 4.86 19884 AAD 5G NR (CP-OFDM, 100% RB, 80/M±z, OPSK, 50/Hz) 5G NN FRI TDD 8.41 4.95 19884 AAD 5G NR (CP-OFDM, 100% RB, 80/M±z, OPSK, 50/Hz) 5G NN FRI TDD 8.41 4.95 19885 AAD 5G NR (CP-OFDM, 100% RB, 80/M±z, OPSK, 50/Hz) 5G NN FRI TDD 5.48 4.96 19886 AAD 5G NR (DFT-cOFDM, 107K RB, 100/H±z, OPSK, 120/Hz) 5G NN FRE TDD 5.68 4.96 19890 AAE 5G NR (DFT-cOFDM, 107K RB, 100/H±z, OPSK, 120/Hz) 5G NN FRE TDD 5.75 4.95 19871 AAE 5G NR (DFT-cOFDM, 107K RB, 100/H±z, 16CAM, 120/Hz) 5G NN FRE TDD 6.57 4.95 19872 AAE 5G NR (DFT-cOFDM, 107K RB, 100/H±z, 16CAM, 120/Hz) 5G NN FRE TDD 6.55 4.96 19872 AAE 5G NR (CP-OFDM, 107K RB, 100/H±z, 60/AM, 120/Hz) 5G NN FRE TDD 6.55 4.96 1.96						
Index AAD Son R FR1 TDD 8.40 ±9.8 10863 AAD SG NR (CP-OFDM, 100% RB, 90 MHz, OPSK, 80 Hz) GG NR FR1 TDD 8.41 ±9.6 10863 AAD SG NR (CP-OFDM, 100% RB, 90 MHz, OPSK, 60 Hz) GG NR FR1 TDD 8.41 ±9.6 10865 AAD SG NR (CP-OFDM, 100% RB, 90 MHz, OPSK, 60 Hz) GG NR FR1 TDD 5.84 ±9.6 10866 AAD SG NR (DFT-oFDM, 100% RB, 100 MHz, OPSK, 30 Hz) GG NR FR1 TDD 5.68 ±9.6 10860 AAE SG NR (DFT-oFDM, 110% RDHz, OPSK, 120 Hz) SG NR FR2 TDD 5.75 ±9.6 10871 AAE SG NR (DFT-oFDM, 110, 100 MHz, OPSK, 120 Hz) SG NR FR2 TDD 5.65 ±9.6 10872 AAE SG NR (DFT-oFDM, 110, 100 MHz, OPSK, 120 Hz) SG NR FR2 TDD 6.65 ±9.6 10872 AAE SG NR (CP-OFDM, 1108, 100 MHz, OPSK, 120 Hz) SG NR FR2 TDD 6.65 ±9.6 10873 AAE SG NR (CP-OFDM, 1108, RB, 100 MHz, OPSK, 120 Hz) SG NR FR2 TDD 6.65 ±9.6 10874 AAE SG NR (CP-OFDM, 100% RB, 100 MHz,			5G NR (CP-OFDM, 100% RB 50 MHz, OPSK 60 kHz)			
10863 AAD 5G NR (CP-OFDM, 109%, RB, 80 MHz, OPSK, 60 HHz) 5G NR FRI TDD 8.41 1936 10864 AAD 5G NR (CP-OFDM, 100%, RB, 00 MHz, OPSK, 60 HHz) 5G NR FRI TDD 8.41 19.6 10865 AAD 5G NR (CP-OFDM, 100%, RB, 100 MHz, OPSK, 30 HHz) 5G NR FRI TDD 5.68 19.6 10868 AAD 5G NR (DFT-o-OFDM, 100%, RB, 100 MHz, OPSK, 30 HHz) 5G NR FRI TDD 5.68 19.6 10870 AAE 5G NR (DFT-o-OFDM, 107%, RB, 100 MHz, OPSK, 120 HHz) 5G NR FRE TDD 5.75 19.6 10871 AAE 5G NR (DFT-o-OFDM, 107%, RB, 100 MHz, 160AM, 120 Hz) 5G NR FRE TDD 5.66 19.6 10872 AAE 5G NR (DFT-o-OFDM, 178, 100 MHz, 160AM, 120 Hz) 5G NR FRE TDD 5.65 19.6 10874 AAE 5G NR (CF-OFDM, 108%, RB, 100 MHz, 100 Hz, 100 Hz, 120 Hz) 5G NR FRE TDD 5.65 19.6 10875 AAE 5G NR (CF-OFDM, 118, 100 MHz, 20 SK, 120 Hz) 5G NR FRE TDD 5.65 19.6 10876 AAE 5G NR (CF-OFDM, 118, 100 MHz, 20 SK, 120 Hz) 5G NR FRE TDD 5.65 19.6		İ	5G NR (CP-OFDM, 100% RB 60 MHz, OPSK 60 kHz)			
10864 AAD 5G ANR (CP-OFDM, 100%, RB, 100MHz, OPSK, 60MHz) 5G ANR FR1 TDD 5.37 4.98 10865 AAD 5G ANR (CP-CPDM, 100%, RB, 100MHz, OPSK, 80MHz) 5G ANR FR1 TDD 5.88 1.96 10868 AAD 5G ANR (DFT=-OFDM, 100%, RB, 100MHz, OPSK, 30KHz) 5G ANR FR1 TDD 5.88 1.96 10869 AAE 5G ANR (DFT=-OFDM, 100%, RB, 100MHz, OPSK, 120KHz) 5G ANR FR2 TDD 5.66 1.95 10871 AAE 5G ANR (DFT=-OFDM, 100%, RB, 100MHz, 150AHz) 5G ANR FR2 TDD 5.66 1.95 10872 AAE 5G ANR (DFT=-OFDM, 100%, RB, 100MHz, 150AHz) 5G ANR FR2 TDD 5.66 1.96 10872 AAE 5G ANR (DFT=-OFDM, 100%, RB, 100MHz, 150AHz) 5G ANR FR2 TDD 6.52 4.96 10872 AAE 5G ANR (DFT=-OFDM, 100%, RB, 100MHz, 64QAM, 120KHz) 5G ANR FR2 TDD 6.55 1.96 10874 AAE 5G ANR (CP-OFDM, 100%, RB, 100MHz, 64QAM, 120KHz) 5G ANR FR2 TDD 7.78 4.96 10874 AAE 5G ANR (CP-OFDM, 100%, RB, 100MHz, 64QAM, 120KHz) 5G ANR FR2 TDD 7.78 4.96						
10865 AAD 5G NR (CP-OFDM, 100%, RB, 100MHz, QPSK, 50KHz) 5G NR FR1 TDD 6.41 49.8 10866 AAD 5G NR (DFT-s-OFDM, 16, 100MHz, QPSK, 30KHz) 5G NR FR1 TDD 5.68 49.6 10869 AAD 5G NR (DFT-s-OFDM, 100%, RB, 100MHz, QPSK, 30KHz) 5G NR FR1 TDD 5.75 49.6 10870 AAE 5G NR (DFT-s-OFDM, 100%, RB, 100MHz, QPSK, 120KHz) 5G NR FR2 TDD 5.76 +9.6 10871 AAE 5G NR (DFT-s-OFDM, 178, 100MHz, QPSK, 120KHz) 5G NR FR2 TDD 5.76 +9.6 10872 AAE 5G NR (DFT-s-OFDM, 178, 100MHz, 162AM, 120KHz) 5G NR FR2 TDD 6.61 +9.6 10873 AAE 5G NR (DFT-s-OFDM, 178, 100MHz, QPSK, 120KHz) 5G NR FR2 TDD 6.61 +9.6 10874 AAE 5G NR (CP-OFDM, 108%, RB, 100MHz, QPSK, 120KHz) 5G NR FR2 TDD 8.39 +9.6 10875 AAE 5G NR (CP-OFDM, 100%, RB, 100MHz, QPSK, 120KHz) 5G NR FR2 TDD 8.39 +9.6 10876 AAE 5G NR (CP-OFDM, 100%, RB, 100MHz, QPSK, 120KHz) 5G NR FR2 TDD 8.39 +9.6 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
10868 AAD 5G NR (DFT=-OFDM, 100%, RB, 100MHz, QPSK, 30KHz) 5G NR FR1 TDD 5.68 19.66 10869 AAE 5G NR (DFT=-OFDM, 100%, RB, 100MHz, QPSK, 30KHz) 5G NR FR2 TDD 5.68 19.66 10869 AAE 5G NR (DFT=-OFDM, 100%, RB, 100MHz, QPSK, 120KHz) 5G NR FR2 TDD 5.68 19.86 10871 AAE 5G NR (DFT=-OFDM, 100%, RB, 100MHz, 160AM, 120KHz) 5G NR FR2 TDD 6.52 4.9.6 10872 AAE 5G NR (DFT=-OFDM, 100%, RB, 100MHz, 160AM, 120KHz) 5G NR FR2 TDD 6.52 4.9.6 10873 AAE 5G NR (DFT=-OFDM, 100%, RB, 100MHz, 160AM, 120KHz) 5G NR FR2 TDD 6.56 1.9.6 10874 AAE 5G NR (CP-OFDM, 100%, RB, 100MHz, 160AM, 120KHz) 5G NR FR2 TDD 7.78 4.9.6 10876 AAE 5G NR (CP-OFDM, 100%, RB, 100MHz, 160AM, 120KHz) 5G NR FR2 TDD 7.78 4.9.6 10876 AAE 5G NR (CP-OFDM, 100%, RB, 100MHz, 160AM, 120KHz) 5G NR FR2 TDD 8.41 19.8 10877 AAE 5G NR (CP-OFDM, 100%, RB, 100MHz, 160AM, 120KHz) 5G NR FR2 TDD 8.43 19.8	j		5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)			
10888 AAD SG NR (DFT=-OFDM, 181, 100MHz, QPSK, 120Hz) SG NR FR2 TDD 5.89 49.8 10869 AAE SG NR (DFT=-OFDM, 181, 100MHz, QPSK, 120Hz) SG NR FR2 TDD 5.75 4.9.6 10870 AAE SG NR (DFT=-OFDM, 181, 100MHz, QPSK, 120Hz) SG NR FR2 TDD 5.75 4.9.6 10872 AAE SG NR (DFT=-OFDM, 100% RB, 100MHz, 160AM, 120 KHz) SG NR FR2 TDD 6.52 4.9.6 10872 AAE SG NR (DFT=-OFDM, 188, 100MHz, 160AM, 120 KHz) SG NR FR2 TDD 6.65 1.9.6 10874 AAE SG NR (DFT=-OFDM, 100% RB, 100MHz, 640AM, 120 KHz) SG NR FR2 TDD 6.61 1.9.6 10875 AAE SG NR (DFT=-OFDM, 188, 100MHz, 640AM, 120 KHz) SG NR FR2 TDD 8.39 1.9.6 10876 AAE SG NR (DF-OFDM, 188, 100MHz, 640AM, 120 KHz) SG NR FR2 TDD 8.41 1.9.6 10877 AAE SG NR (DFT=-OFDM, 188, 100MHz, 640AM, 120 KHz) SG NR FR2 TDD 8.41 1.9.6 10879 AAE SG NR (DFT=-OFDM, 188, 100MHz, 640AM, 120 KHz) SG NR FR2 TDD 8.41 1.9.6	10866		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, OPSK 30 kHz)			
10889 AAE 5G NR (DF*-CPEM, 1 HB, 100 MHz, QPSK, 120 KHz) 5G NR FR2 TDD 6.76 19.8 10870 AAE 5G NR (DF*-CPEM, 109% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 19.6 10871 AAE 5G NR (DF*-CPEM, 109% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.52 19.6 10872 AAE 5G NR (DF*-CPEM, 109% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.65 19.6 10874 AAE 5G NR (DF*-CPEM, 109% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.65 19.6 10875 AAE 5G NR (CP-CPEM, 109% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.39 19.8 10876 AAE 5G NR (CP-CPEM, 109% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.39 19.8 10877 AAE 5G NR (CP-CPEM, 109% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.34 19.6 10878 AAE 5G NR (CP-CPEM, 109% RB, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.12 19.6 10879 AAE 5G NR (CP-CPEM, 109% RB, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 5.7 19.6	10868					
19870 AAE 5G NR (DFT=-OFDM, 109% RB, 100 MHz, 16QAM, 120 KHz) 5G NR FR2 TDD 5.86 19.8 10871 AAE 5G NR (DFT=-OFDM, 18, 100 MHz, 16QAM, 120 KHz) 5G NR (RF R2 TDD 6.52 19.6 10872 AAE 5G NR (DFT=-OFDM, 18, 100 MHz, 46QAM, 120 KHz) 5G NR (FR 2TDD 6.61 19.8 10873 AAE 5G NR (DFT=-OFDM, 18, 100 MHz, 64QAM, 120 KHz) 5G NR FR2 TDD 6.66 19.8 10875 AAE 5G NR (CP-OFDM, 18, 100 MHz, 64QAM, 120 KHz) 5G NR FR2 TDD 7.78 19.6 10875 AAE 5G NR (CP-OFDM, 18, 100 MHz, 64QAM, 120 KHz) 5G NR FR2 TDD 7.78 19.6 10876 AAE 5G NR (CP-OFDM, 108% RB, 100 MHz, 64QAM, 120 KHz) 5G NR FR2 TDD 8.41 19.6 10878 AAE 5G NR (CP-OFDM, 109% RB, 100 MHz, 16QAM, 120 KHz) 5G NR FR2 TDD 8.12 19.8 10880 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QFSK, 120 KHz) 5G NR FR2 TDD 5.75 49.6 10881 AAE 5G NR (CP-OFDM, 108% RB, 50 MHz, QFSK, 120 KHz) 5G NR FR2 TDD 5.75 49.6	10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)			
10871 AAE 5G NR (DFT=0-OFDM, 1 BB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10872 AAE 5G NR (DFT=0-OFDM, 100% RB, 100 MHz, 6QAM, 120 kHz) 5G NR FR2 TDD 6.52 ±9.6 10873 AAE 5G NR (DFT=0-OFDM, 100% RB, 100 MHz, 6QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10874 AAE 5G NR (DFT=0-OFDM, 100% RB, 100 MHz, 0FX, 120 kHz) 5G NR FR2 TDD 6.33 ±9.6 10876 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 0FX, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10877 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 0FX, 120 kHz) 5G NR FR2 TDD 8.38 ±9.6 10877 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10873 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.31 ±9.6 10874 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.33 ±9.6 10880 AAE 5G NR (DFT=0-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 5.59 ±9.6	10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)			
10872 AAE GG NR (DFT=0-OFDM, 10% RB, 100 MHz, 4GAM, 120 KHz) 5G NR FR2 TDD 6.52 ±9.6 10873 AAE 5G NR (DFT=0-OFDM, 108, 100 MHz, 4GAM, 120 KHz) 5G NR FR2 TDD 6.61 ±9.6 10874 AAE 5G NR (DFT=0-OFDM, 100% RB, 100 MHz, 4GAM, 120 KHz) 5G NR FR2 TDD 6.63 ±9.6 10875 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 KHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 108, RB, 100 MHz, CPSK, 120 KHz) 5G NR FR2 TDD 8.41 ±9.6 10877 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 4GAM, 120 KHz) 5G NR FR2 TDD 8.41 ±9.6 10873 AAE 5G NR (CP-OFDM, 18, 100 MHz, 4GAM, 120 KHz) 5G NR FR2 TDD 8.12 ±9.8 10880 AAE 5G NR (CP-OFDM, 18, 100 MHz, 4GAM, 120 KHz) 5G NR FR2 TDD 5.75 ±9.6 10881 AAE 5G NR (DFT=0-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz) 5G NR FR2 TDD 5.57 ±9.6 10883 AAE 5G NR (DFT=0-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz) 5G NR FR2 TDD 5.53 ±9.6 <t< td=""><td>10871</td><td>AAE</td><td>5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)</td><td></td><td></td><td></td></t<>	10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)			
10873 AAE 5G NR (DFFs-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10874 AAE 5G NR (DF-S-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10875 AAE 5G NR (CP-OFDM, 18, 100 MHz, 0PSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10876 AAE 5G NR (CP-OFDM, 18, 100 MHz, 0PSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 18, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 4GAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10879 AAE 5G NR (DF-OFDM, 100% RB, 100 MHz, 4GAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 042KHz) 5G NR FR2 TDD 5.9 ±9.6 10882 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 042AM, 120 kHz) 5G NR FR2 TDD 5.59 ±9.6 10883 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 042AM, 120 kHz) 5G NR FR2 TDD 5.65 ±9.6	10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)			
10874 AAE 5G NR (CP-CPDM, 100% RB, 100 MHz, 64CAM, 120 KHz) 5G NR FR2 TDD 6.65 19.6 10875 AAE 5G NR (CP-CPDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 49.6 10876 AAE 5G NR (CP-CPDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 49.6 10877 AAE 5G NR (CP-CPDM, 100% RB, 100 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 8.41 19.6 10879 AAE 5G NR (CP-CPDM, 100% RB, 100 MHz, 64CAM, 120 kHz) 5G NR FR2 TDD 8.41 19.6 10880 AAE 5G NR (CP-CPDM, 100% RB, 100 MHz, 64CAM, 120 kHz) 5G NR FR2 TDD 8.38 19.6 10881 AAE 5G NR (CF-S-CPDM, 100% RB, 50 MHz, 025K, 120 kHz) 5G NR FR2 TDD 5.75 19.6 10882 AAE 5G NR (DFFs-OFDM, 100% RB, 50 MHz, 025K, 120 kHz) 5G NR FR2 TDD 6.57 19.6 10882 AAE 5G NR (DFFs-OFDM, 100% RB, 50 MHz, 020 kHz) 5G NR FR2 TDD 6.57 19.6 10885 AAE 5G NR (DFFs-OFDM, 100% RB, 50 MHz, 020 kHz) 5G NR FR2 TDD 6.53 19.6	1	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	- <u> </u>		
10875 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 120kHz) 5G NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, QCM, 120kHz) 5G NR FR2 TDD 8.41 ±9.6 10878 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, 64QAM, 120kHz) 5G NR FR2 TDD 8.41 ±9.6 10879 AAE 5G NR (CP-OFDM, 10% RB, 100MHz, 64QAM, 120kHz) 5G NR FR2 TDD 8.38 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 5.75 ±9.6 10881 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 5.67 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 6.55 ±9.6 10886<	10874	AAE				
10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, GPSK, 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 8.41 ±9.6 10879 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, 100% 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 5.75 ±9.6 10881 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz) 5G NR FR2 TDD 5.96 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 102 KHz) 5G NR FR2 TDD 6.53 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 102 KHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 102 KHz) 5G NR FR2 TDD 6.51 ±9.6 10886 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 102 KHz) 5G NR FR2 TDD 8.51 ±9.6 <td< td=""><td>10875</td><td>AAE</td><td>5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)</td><td>5G NR FR2 TDD</td><td></td><td></td></td<>	10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD		
10878 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 16QAM, 120KHz) 5G NR FR2 TDD 8.41 ±9.6 10879 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, 64QAM, 120KHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 64QAM, 120KHz) 5G NR FR2 TDD 5.12 ±9.6 10881 AAE 5G NR (DFTs-OFDM, 1 RB, 50MHz, QPSK, 120KHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 120KHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 16QAM, 120KHz) 5G NR FR2 TDD 6.57 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 16QAM, 120KHz) 5G NR FR2 TDD 6.65 ±9.6 10886 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 64QAM, 120KHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120KHz) 5G NR FR2 TDD 8.43 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 120KHz) 5G NR FR2 TDD 8.40 ±9.6 10889	[5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10879 AAE 5G NR (CP-OFDM, 1 RB, 100MHz, 64QAM, 120KHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 64QAM, 120KHz) 5G NR FR2 TDD 5.75 ±9.6 10881 AAE 5G NR (DFTs-OFDM, 18, 50MHz, QPSK, 120KHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 18, 50MHz, QPSK, 120KHz) 5G NR FR2 TDD 6.57 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 10% RB, 50MHz, 16QAM, 120KHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 18, 50MHz, 64QAM, 120KHz) 5G NR FR2 TDD 6.65 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 18, 50MHz, 64QAM, 120KHz) 5G NR FR2 TDD 6.65 ±9.6 10886 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 120KHz) 5G NR FR2 TDD 8.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 18, 50MHz, QPSK, 120KHz) 5G NR FR2 TDD 8.02 ±9.6 10888 AAE 5G NR (CP-OFDM, 18, 50MHz, QPSK, 120KHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 18, 50MHz, QPSK, 120KHz) 5G NR FR2 TDD 8.02				5G NR FR2 TDD	7.95	±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, 18, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 18, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.67 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.63 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 02 kHz) 5G NR FR2 TDD 8.35 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 02 kHz) 5G NR FR2 TDD 8.35 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 102 kHz) 5G NR FR2 TDD 8.40 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 102 kHz) 5G NR FR2	1			5G NR FR2 TDD	8.41	±9.6
10881 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±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 (DP-oFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kH	}			5G NR FR2 TDD	8.12	±9.6
10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 18R, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 4QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 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, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) <	J		5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10883 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 KHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640AM, 120 kHz) 5G NR FR1 TDD 5.66 ±9.6	1				5.75	±9.6
10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 18QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 1 N0% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 1 N0% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 04QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 04QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 04QHz, 04XHz) <td></td> <td></td> <td></td> <td></td> <td>5.96</td> <td>±9.6</td>					5.96	±9.6
10885 AAE 5G NR (DFTs-OFDM, 1 RB, 50MHz, 64QAM, 120kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 7.78 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 8.35 ±9.6 10888 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.40 ±9.6 10890 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.41 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 64QAM, 120kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (DFTs-OFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.66 ±9.6 10892 AAE 5G NR (DFTs-OFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.67 ±9.6 10890 <t< td=""><td>h</td><td></td><td></td><td></td><td></td><td>±9.6</td></t<>	h					±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, 100% RB, 50 MHz, QPSK, 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, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% 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 10892 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 Hz, 64QAM, 120 kHz) 5G NR FR1 TDD 5.66 ±9.6 10893 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 Hz, 0PSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6	J					
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, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR1 TDD 5.66 ±9.6 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6						
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, 1 00% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR1 TDD 5.66 ±9.6 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±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, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TD						·····
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 AAC 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFTs-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10891AAE5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)5G NR FR2 TDD8.13±9.610892AAE5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)5G NR FR2 TDD8.41±9.610897AAC5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.66±9.610898AAB5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.67±9.610899AAB5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.67±9.610899AAB5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.67±9.610900AAB5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610901AAB5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610902AAB5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610902AAB5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610903AAB5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610904AAB5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610905AAB5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610906AAB5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)5G NR FR1 TDD5.68±9.610906AAB5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)5G NR FR1 TDD			5G NR (CP-OFDM, 100% RB 50 MHz, 180 AM 120 KHz)			
10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TD	j		5G NR (CP-OFDM, 1 RB, 50 MHz, 64 OAM, 120 kHz)	i		
10897 AAC 5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD <td< td=""><td></td><td></td><td>5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)</td><td></td><td></td><td></td></td<>			5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)			
10898 AAB 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 109	L					
10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 1090						
10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10			5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)			
10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10	10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)			
10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6 <t< td=""><td>10901</td><td>AAB</td><td></td><td></td><td></td><td></td></t<>	10901	AAB				
10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)			
10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)			
10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6]		5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)			
10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	·					
10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6				5G NR FR1 TDD	5.78	±9.6
	J				5.93	±9.6
10910 AAB 5G NR FR1 TDD 5.83 ±9.6	\$			5	5.96	
	10910	ААВ	או (UF I-S-UF DM, 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	$\frac{\text{Onc}^{-} \mathbf{k} = 2}{\pm 9.6}$
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928 10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
	AAC	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
10933 10934	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	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10938	AAC	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
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10000	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.82	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.85	±9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87 5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6 ±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	5.94	±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, 15MHz, 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, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	<u>+</u> 9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4 ULLA HDRp8	ULLA	3.19	±9.6
10982	AAA		ULLA	3.43	±9.6

10983		Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	+9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±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	10.24	±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	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.23	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.37	±9.6 ±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.

.

Client

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

> Element Columbia, USA

IBC-MRA



S

Schweizerischer Kalibrierdienst

SPS 05/28/24

- C 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

Certificate No.

EX-3914_May24

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:3914
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	May 10, 2024
The measurements and the unce	ents the traceability to national standards, which realize the physical units of measurements (SI). rtainties with confidence probability are given on the following pages and are part of the certificate. sted in the closed laboratory facility: environment temperature (22 ± 3) °C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	lD	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)	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-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	Joanna Lleshaj	Laboratory Technician	Applledy
Approved by	Sven Kühn	Technical Manager	St.
This calibration certificate shall	not be reproduced except in full with	nout written approval of the laborat	Issued: May 11, 2024 Jory.

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





S Schweizerischer Kalibrierdienst

C 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

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

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

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (<i>k</i> = 2)
Norm $(\mu V/(V/m)^2)^A$	0.47	0.42	0.46	±10.1%
DCP (mV) B	99.6	103.1	102.0	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	B	С	D	VR	Max	Max
			dB	dBõV		dB	m∨	dev.	Unc ^E <i>k</i> = 2
0	CW	X	0.00	0.00	1.00	0.00	122.5	±1.3%	±4.7%
1		Y	0.00	0.00	1.00		139.0		
		Z	0.00	0.00	1.00		125.4		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	90.32	20.29	10.00	60.0	±2.6%	±9.6%
		Y	20.00	91.98	21.33		60.0		
		Z	20.00	91.13	20.99		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	91.17	19.46	6.99	80.0	±1.5%	±9.6%
		Y	20.00	94.59	21.65		80.0		
		Z	20.00	92.37	20.32	ĺ	80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	95.19	20.01	3.98	95.0	±1.5%	±9.6%
		Y	20.00	102.03	24.07		95.0		
		Z	20.00	95.52	20.38		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	97.91	20.09	2.22	120.0	±1.6%	±9.6%
		Y	20.00	114.12	28.50	1	120.0	· ·	
		Z	20.00	100.87	21.62		120.0	1	
10387	QPSK Waveform, 1 MHz	X	1.74	65.93	14.96	1.00	150.0	±1.7%	±9.6%
		Y	1.86	67.94	16.20		150.0		
		Z	1.72	66.32	15.11	1	150.0		
10388	QPSK Waveform, 10 MHz	X	2.30	68.08	15.66	0.00	150.0	±1.0%	±9.6%
		Y	2.47	69.85	16.84		150.0]	
		Z	2.29	68.33	15.84	1	150.0	1	
10396	64-QAM Waveform, 100 kHz	X	2.74	69.18	17.99	3.01	150.0	±0.8%	±9.6%
		Y	3.16	72.81	19.94		150.0		
		Z	2.81	69.97	18.46	1	150.0		
10399	64-QAM Waveform, 40 MHz	X	3.44	66.65	15.48	0.00	150.0	±0.8%	±9.6%
		Y	3.53	67.44	16.05		150.0	1	
		Z	3.43	66.75	15.55		150.0]	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.83	65.33	15.30	0.00	150.0	±1.6%	±9.6%
		Y	4.82	65.65	15.56		150.0]	
		Z	4.78	65.37	15.33]	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.

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
x	50.1	367.93	34.55	11.13	0.33	5.03	0.77	0.27	1.00
y	44.9	324.09	33.65	16.24	0.02	5.08	1.72	0.08	1.01
z	46.4	339.22	34.21	11.09	0.45	5.03	0.98	0.22	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	1.9°
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.

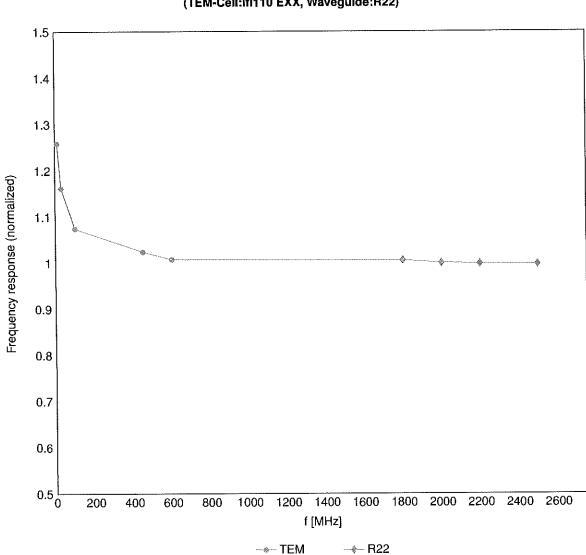
f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	9.61	8.68	8.83	0.40	1.27	±11.0%
835	41.5	0.90	9.48	8.48	8.69	0.39	1.27	±11.0%
1750	40.1	1.37	8.12	7.51	7.51	0.28	1.27	±11.0%
1900	40.0	1.40	8.04	7.37	7.44	0.29	1.27	±11.0%
2300	39.5	1.67	7.58	6.92	6.98	0.32	1.27	±11.0%
2450	39.2	1.80	7.52	6.84	6.89	0.32	1.27	±11.0%
2600	39.0	1.96	7.42	6.75	6.83	0.31	1.27	±11.0%

Calibration Parameter Determined in Head Tissue Simulating Media

C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 12 MHz is 9–10 MHz.

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 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.

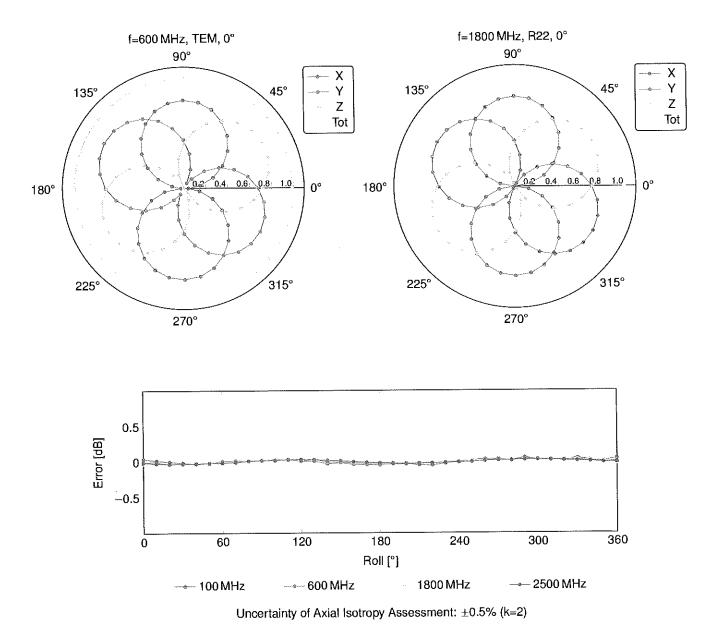
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter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



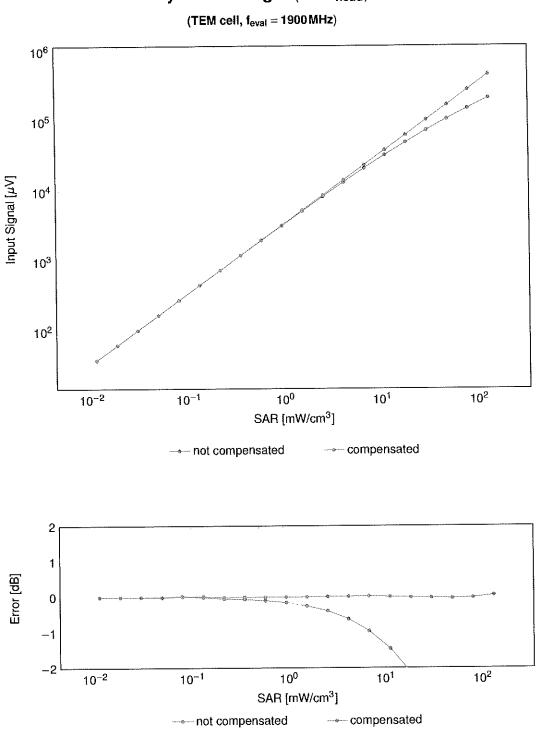
Frequency Response of E-Field

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

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



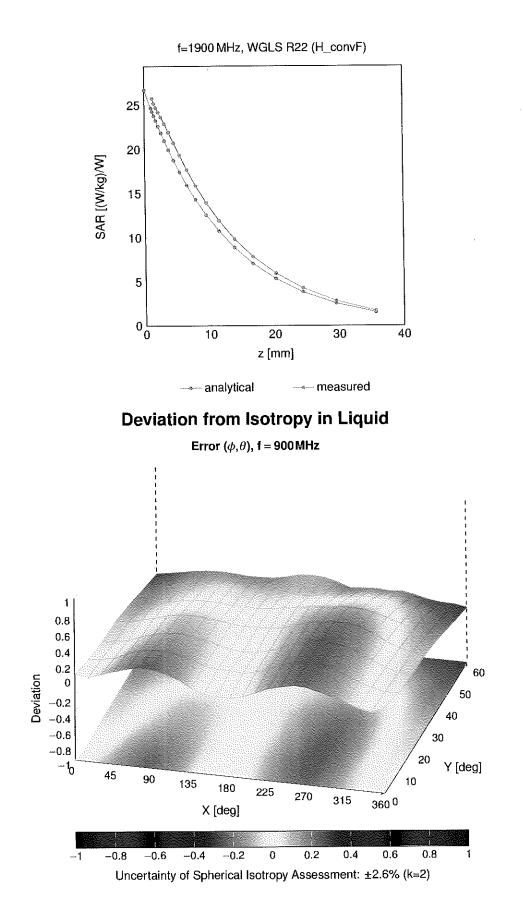
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$



Dynamic Range f(SAR_{head})

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

Conversion Factor Assessment



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
	nev	CW	CW	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
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3,55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	<u>+9.6</u>
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6 ±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS AMPS	0.00	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	DECT	13.80	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	10.79	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	TD-SCDMA	11.01	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	GSM	6.52	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	WLAN	2,12	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.83	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	3.60	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	8.68	±9.6
10062	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10063	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.00	±9.6
10065	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 14 Mbps)	WLAN	9.38	±9.6
10066		IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbbs)	WLAN	10.12	±9.6
10067	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
10009	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10072	_	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10073		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	_	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081			CDMA2000	3.97	±9.6
10082			AMPS	4.77	±9.6
10090			GSM	6.56	±9.6
10097			WCDMA	3.98	±9.6
10098			WCDMA	3.98	±9.6
10099		EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100			LTE-FDD	5.67	±9.6
10101	CAF		LTE-FDD	6.42	±9.6
10102	CAF		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	9.97	±9.6
10105	i CAH		LTE-TDD	10.01	±9.6
10108	GAH		LTE-FDD	5.80	±9.6
10109	CAH		LTE-FDD	6.43	±9.6
		LINE COD COLLA COOL OD CALL ODOLO	LTE-FDD	5.75	±9.6
10110) CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

			Group	PAR (dB)	$Unc^E k = 2$
UID	Rev	Communication System Name	LTE-FDD	6.59	±9.6
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	WLAN	8.10	±9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.46	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.15	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.07	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.59	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.13	±9.6
10119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	LTE-FDD	6.49	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.53	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	5.73	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	6.35	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.65	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	5.76	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	6.41	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.72	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.42	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.60	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	9.28	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.92	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10154	CAH		LTE-FDD	6.43	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	5.79	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 10-QAM)	LTE-FDD	6.62	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MR2, 64-QAM)	LTE-FDD	6.56	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 04-04M)	LTE-FDD	5.82	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 10 GAM)	LTE-FDD	6.58	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 30% RB, 13 MHz, 04-QAW)	LTE-FDD	5.46	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, GI SK)	LTE-FDD	6.21	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10170	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
			LTE-TDD	10.25	±9.6
10174	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10175			LTE-FDD	6.52	±9.6
10178		LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10177			LTE-FDD	6.52	±9.6
			LTE-FDD	6.50	±9.6
10179			LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 04-04M)	LTE-FDD	5.72	±9.6
10181		LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10182		LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10183	_	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185		LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6,51	±9.6
10185		LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180			LTE-FDD	5.73	±9.6
10188			LTE-FDD	6.52	±9.6
10188			LTE-FDD	6.50	±9.6
10189			WLAN	8.09	±9.6
10193	_		WLAN	8.12	±9.6
10195			WLAN	8.21	±9.6
10195			WLAN	8.10	±9.6
10190			WLAN	8.13	±9.6
10197			WLAN	8.27	±9.6
1 10100			WLAN	8.03	±9.6
10910			WLAN	8.13	±9.6
10219					
10220			WLAN	8.27	±9.6
10220 10221	I CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)		8.27	±9.6 ±9.6
10220	CAE CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN WLAN WLAN		

			Group	PAR (dB)	Unc ^E $k = 2$
UID	Rev	Communication System Name	WCDMA	5.97	±9.6
10225	CAC	UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9,49	±9.6
10226	CAC CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 10-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10227 10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10228	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	<u>+</u> 9.6
10231		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10233	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	<u>±9,6</u>
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9,82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 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	±9.0 ±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	10.16	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	9.23	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	9.92	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	10.07	±9.6
	_	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.13	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 04-0400) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10270	CAG	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
10273		PHS (QPSK)	PHS	11.81	±9.6
10278		PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10270		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	_	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293		CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295		CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297		LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298		LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299			LTE-FDD	6.39	±9.6
10300		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		IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.6
10303		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
		IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
10305	AAA	IEEE 802.16e WIMAX (29:16, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6

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, 15MHz, 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
10 403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10403	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 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)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	_	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	±9.6
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	7.82	±9.6
10468	AAG		LTE-TOD	8.32	±9.6
10469	AAG		LTE-TDD	8.56	±9.6
	1	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10470	AAG		LTE-TDD	8.32	±9.6

<u> </u>			Group	PAR (dB)	$Unc^{E} k = 2$
UID	Rev	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	AAG AAF	LTE-TDD (SC-FDMA, 1 HB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 HB, 15 MHz, 16 QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	<u>+9.6</u>
10474	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
10473	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
10477	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
10470	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
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	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
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
10 486	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
10 488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	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		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subirame=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		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		IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519		IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520		IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521		IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6 ±9.6
10522		IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	
10523		IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524		IEEE 802.11 a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525		IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526		IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527		IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6 ±9.6
10528		IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529		IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN WLAN	8.36	±9.6
10531		IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)			±9.6
10532		IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN MI	8.29	±9.6
10533			WLAN	8.38	±9.6
10534			WLAN		±9.6
10535			WLAN	8.45	±9.6
10536			WLAN WLAN	8.32	±9.6
10537			WLAN	8.44	±9.6
10538			WLAN	8.39	±9.6
10540) AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAIN	0.39	

	r		Group	PAR (dB)	Unc ^E $k = 2$
UID	Rev	Communication System Name IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.65	±9.6
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCSo, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.47	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.49	±9.6
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.37	±9.6
10548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.38	±9.6
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10552 10553	AAD AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCC1, 99pc duty cycle)	WLAN	8.47	±9.6
10555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	<u>+</u> 9.6
	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10562		IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10563		IEEE 802.11g 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, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mips, opp duty cycle)	WLAN	8.13	±9.6
10566	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
10503	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	<u>+</u> 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		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		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		IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/n WIFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585		IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586		IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587		IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588		IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589			WLAN	8.35	±9.6
10590		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591		IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD		WLAN	8.79	±9.6
10593	AAD		WLAN	8.64	±9.6
10594	AAD		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		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		WLAN	8.50	±9.6
10599	AAD		WLAN	8.79	±9.6
10600) AAD		WLAN	8.88	±9.6
10601	AAD		WLAN	8.82	±9.6
10602	2 AAD		WLAN	8.94	±9.6
10603	3 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
10609	5 AAD		WLAN	8.97	±9.6
10606	AAD		WLAN	8.82	±9.6
1060	7 AAD		WLAN	8.64	±9.6
10608	B AAD	IEEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

1986 NAD EEE 800 T1 tow Wif (2014)EE, MCS2 Upg- day gride) WLAN 8.78 ±9.81 1987 AAD EEE 800 T1 tow Wif (2014)E, MCS3 000 duy gride) WLAN 8.77 ±9.6 1987 AAD EEE 800 T1 tow Wif (2014)E, MCS5, 800 duy gride) WLAN 8.77 ±9.6 19613 AAD EEE 800 T1 tow Wif (2014)E, MCS5, 800 duy gride) WLAN 8.54 ±9.6 10614 AD EEE 800 T1 tow Wif (2014)E, MCS5, 800 duy gride) WLAN 8.52 ±8.6 10615 AD EEE 800 T1 tow Wif (2014)E, MCS5, 800 duy gride) WLAN 8.82 ±8.6 10616 AD EEE 800 T1 tow Wif (4014)E, MCS5, 800 duy gride) WLAN 8.87 ±8.6 10617 AD EEE 800 T1 tow Wif (4014)E, MCS5, 800 duy gride) WLAN 8.87 ±8.6 10618 AD EEE 800 T1 tow Wif (4014)E, MCS5, 800 duy gride) WLAN 8.87 ±8.6 10628 AD EEE 800 T1 tow Wif (4014)E, MCS5, 900 duy gride) WLAN 8.87 ±8.6 10628 AD EEE 800 T1 tow Wif (4014)E, MCS5, 900						Unc ^E $k = 2$
19900 NAC EEER 80.1 The Wirk [20.MER, UCS.3 spc. skip yolds) WLAN 8.70 ±9.8 19971 XAD EEER 80.1 The Wirk [20.MER, UCS.3 spc. skip yolds) WLAN 8.77 ±9.8 19971 XAD EEER 80.1 The Wirk [20.MER, UCS.3 spc. skip yolds) WLAN 8.94 8.94 19971 XAD EEER 80.1 The Wirk [20.MER, UCS.3 spc. skip yolds) WLAN 8.72 ±9.8 19971 XAD EEER 80.2 The Wirk [20.MER, UCS.3 spc. skip yolds) WLAN 8.72 ±9.8 19971 XAD EEER 80.2 The Wirk [20.MER, UCS.3 spc. skip yolds) WLAN 8.72 ±9.8 19971 XAD EEER 80.2 The Wirk [40.MER, MCS.3 spc. skip yolds) WLAN 8.81 ±9.8 19971 XAD EEE 80.2 The Wirk [40.MeK, MCS.3 spc. skip yolds) WLAN 8.82 ±9.8 19973 XAD EEE 80.2 The Wirk [40.MeK, MCS.3 spc. skip yolds) WLAN 8.82 ±9.8 19974 XAD EEE 80.2 The Wirk [40.MeK, MCS.3 spc. skip yolds) WLAN 8.86 ±9.8 19976 XAD EEE 80.2 The			Communication System Name	Group	PAR (dB)	
Intell PAOL DEEE 600.11 to WIF (200 MIF, MOSA uppe day cycle) WLAN 8.77 ±0.8 IGBE ID AAD IEEE 800.11 to WIF (200 MIF, MOSA uppe day cycle) WLAN 8.39 ±3.30 IGBE ID AAD IEEE 800.11 to WIF (200 MIF, MOSA uppe day cycle) WLAN 8.39 ±3.30 IGBE ID AAD IEEE 802.11 to WIF (200 MIF, MOSA uppe day cycle) WLAN 8.32 ±3.30 IGBE ID AAD IEEE 802.11 to WIF (400 MIF, MOSA, 1900 cduy cycle) WLAN 8.32 ±3.50 IGBE ID AAD IEEE 802.11 to WIF (400 MIF, MOSS, 1900 cduy cycle) WLAN 8.37 ±3.50 IGBE ID AAD IEEE 802.11 to WIF (400 MIF, MOSS, 1900 cduy cycle) WLAN 8.37 ±3.50 IGBE ID AAD IEEE 802.11 to WIF (400 MIF, MOSS, 1900 cduy cycle) WLAN 8.36 ±3.50 IGBE ID AAD IEEE 802.11 to WIF (400 MIF, MOSS, 1900 cduy cycle) WLAN 8.36 ±3.50 IGBE ID AAD IEEE 802.11 to WIF (400 MIF, MOSS, 1900 cduy cycle) WLAN 8.36 ±3.50 IGBE ID <						
10010 PAOL REEE Boot Tite WIFF (2014FL, MOSS, dogs daty cycle) WLAN 8.71 49.8 10017 AOD LEEE BOOT Tite WIFF (2014FL, MOSS, dogs daty cycle) WLAN 8.84 4.90 10017 AOD LEEE BOOT Tites WIFF (2014FL, MOSS, BOO daty cycle) WLAN 8.84 4.90 10017 AOD LEEE BOOT Tites WIFF (2014FL, MOSS, BOO daty cycle) WLAN 8.84 4.90 10017 AOD LEEE BOOT Tites WIFF (2014FL, MOSS, BOO daty cycle) WLAN 8.81 4.96 10018 AOD LEEE BOOT Tites WIFF (4014FL, MOSS, BOO daty cycle) WLAN 8.86 4.96 10018 AOD LEEE BOOT Tites WIFF (4014FL, MOSS, BOO daty cycle) WLAN 8.86 4.96 10022 AOD LEEE BOOT Tites WIFF (4014FL, MOSS, BOO daty cycle) WLAN 8.86 4.95 10022 AOD LEEE BOOT Tites WIFF (4014FL, MOSS, BOO daty cycle) WLAN 8.86 4.95 10022 AOD LEEE BOOT Tites WIFF (4014FL, MOSS, BOO daty cycle) WLAN 8.87 4.95 10022 AOD <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
106.10 AQD 1072 EE 200.11 No. WIT (2004F), MCSS, Spipe day cycle) WLAN 8.94 4.90 107614 AQD LEEE 802.11 No. WIT (2004F), MCSS, Spipe day cycle) WLAN 8.82 4.93 107615 AQD LEEE 802.11 No. WIT (2004F), MCSS, Spipe day cycle) WLAN 8.82 4.93 107617 AAD LEEE 802.11 No. WIT (4004F), MCSS, Spipe day cycle) WLAN 8.82 4.93 107617 AAD LEEE 802.11 No. WIT (4004F), MCSS, Spipe day cycle) WLAN 8.86 4.95 107617 AAD LEEE 802.11 No. WIT (4004F), MCSS, Spipe day cycle) WLAN 8.87 4.96 10622 AAD LEEE 802.11 No. WIT (4004F), MCSS, Spipe day cycle) WLAN 8.86 4.96 10624 AAD LEEE 802.11 No. WIT (4004F), MCSS, Spipe day cycle) WLAN 8.66 4.96 10626 AAD LEEE 802.11 No. WIT (4004F), MCSS, Spipe day cycle) WLAN 8.66 4.96 10628 AAD LEEE 802.11 No. WIT (4004F), MCSS, Spipe day cycle) WLAN 8.67 4.96 4.96 106264		.,				
IDDA IEEE B021 is to Win (2004F), UKS7) Sope day cycle) WLAN 8.92 4.90 IDDA IEEE B021 is Win (2004F), UKS7) Sope day cycle) WLAN 8.82 4.90 IDDA IEEE B021 is Win (2004F), UKS7) Sope day cycle) WLAN 8.81 4.90 IDDA IEEE B021 is Win (2004F), UKS7, B0ps day cycle) WLAN 8.81 4.93 IDDA IEEE B021 is Win (2004F), UKS7, B0ps day cycle) WLAN 8.86 2.96 IDDA IEEE B021 is Win (2004F), UKS7, B0ps day cycle) WLAN 8.86 4.95 IDDB2 ADD IEEE B021 is Win (2004F), UKS5, B0ps day cycle) WLAN 8.87 4.95 IDDB2 ADD IEEE B021 is Win (2004F), UKS5, B0ps day cycle) WLAN 8.86 4.95 IDDB2 ADD IEEE B021 is Win (2004F), UKS5, B0ps day cycle) WLAN 8.86 4.95 IDDB2 ADD IEEE B021 is Win (2004F), UKS5, B0ps day cycle) WLAN 8.66 4.95 IDDB2 ADD IEEE B021 is Win (2004F), UKS5, B0ps day cycle) WLAN 8.67 4.95 IDDB2						
Index ADJ IEEE BOOL IS, WIT (20001), BOOST, BUDG, BUDGED) WEAN 8.82 4+0.6 IDEEE DOOL IS, WIT (20001), BOOST, BUDG, BUDGED) WEAN 8.82 9+0.6 IDEEE DOOL IS, WIT (20001), MOST, BUDG, BUDGED) WEAN 8.82 9+0.6 IDEEE DOOL IS, WIT (20001), MOST, BUDG, BUDGED) WEAN 8.82 9+0.6 IDEEE DOOL IS, WIT (20001), MOST, BUDG, BUDGED) WEAN 8.92 9+0.6 IDEEE DOOL IS, WIT (20001), MOST, BUDG BUDGED) WEAN 8.07 1.96 IDEEE DOOL IS, WIT (20001), MOST, BUDG BUDGED) WEAN 8.07 1.96 IDEEE DOOL IS, WIT (20001), MOST, BUDG BUDGED) WEAN 8.07 1.96 IDEEE DOOL IS, WIT (20001), MOST, BUDG BUDGED) WEAN 8.07 1.96 IDEEE DOOL IS, WIT (20001), MOST, BUDG BUDGED) WEAN 8.07 1.96 IDEEE DOOL IS, WIT (20001), MOST, BUDGE BUDGED) WEAN 8.08 4.96 IDEEE DOOL IS, WIT (20001), MOST, BUDGE BUDGED) WEAN 8.08 4.96 IDEEE DOOL IS, WIT (20001), MOST, BUDGE BUDGED) WEAN 8.08 4.96 IDEEE DOOL IS, WIT (20001),	§					
10616 AD FEEE 802 116 WF (ADM M, MCSR) Solpe on upple) WLAN B.02 4.50 10617 AD FEEE 802 116 WF (ADM M, MCSR) Solpe on upple) WLAN B.01 4.98 10618 AD FEEE 802 116 WF (ADM M, MCSR) Solpe on upple) WLAN 8.56 4.90 10618 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN 8.56 4.90 10618 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN 8.56 4.90 1062 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN 8.77 4.96 1062 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN 8.49 4.96 1062 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN 8.49 4.96 1062 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN 8.49 4.96 1062 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN 8.49 4.96 1062 AD FEEE 802 116 WF (ADM M, MCSR Solpe on upple) WLAN <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
106.10 ADJ EFEE 600.16x VMI (2004H, MCST, 500pr dat papelo) VM.AN 6.81 4.90 106.10 ADJ EFEE 600.16x VMI (2004H, MCST, 500pr dat papelo) VM.AN 6.56 4.90 106.10 ADJ EFEE 600.16x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.67 4.90 106.01 ADJ EFEE 600.116x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.67 4.90 106.01 ADJ EFEE 600.116x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.68 4.90.0 106.02 ADJ EFEE 600.116x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.68 4.90.0 106.02 ADJ EFEE 600.2116x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.69 4.90.0 106.026 ADJ EFEE 600.116x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.61 4.90.0 106.026 ADJ EFEE 600.116x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.71 4.90.0 106.026 ADJ EFEE 600.116x VMI (600.HM, MCST, 500pr dat papelo) VM.AN 8.72 4.90.0 106.026 <						
10b/bit AND IEEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.58 19.59 10618 AAD EEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.67 4.90 10618 AAD EEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.67 4.90 10621 AAD IEEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.68 4.90 10622 AAD IEEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.66 4.90 10622 AAD IEEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.66 4.90 10622 AAD IEEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.66 4.90 10624 AAD IEEE BOD.11a. VMFT (60 MHz, MCSS, B0p. data ryoch) WLAN 8.64 4.90 10622 AAD IEEE BOD.11a. VMFT (80 MHz, MCSS, B0p. data ryoch) WLAN 8.71 4.90 10622 AAD IEEE BOD.11a. VMFT (80 MHz, MCSS, B0p. data ryoch) WLAN 8.71 4.95 10622 AAD IEEE BOD						
1055 Aud RefE 80.1 tar. WRF (100 MHz, WCSS) 800x duir option WLAN 8.86 9.90 10658 Aud REEE 802.1 tar. WRF (100 MHz, WCSS) 800x duir option WLAN 8.87 9.90 10628 Aud REEE 802.1 tar. WRF (100 MHz, WCSS, 800x duir option WLAN 8.86 9.90 10622 Aud REEE 802.1 tar. WRF (140 MHz, MCSS, 800x duir option WLAN 8.86 9.90 10622 Aud REEE 802.1 tar. WRF (40 MHz, MCSS, 800x duir option WLAN 8.86 9.95 10625 Aud REEE 802.1 tar. WRF (40 MHz, MCSS, 800x duir option WLAN 8.86 9.95 10626 Aud REEE 802.1 tar. WRF (20 MHz, MCSS, 800x duir option WLAN 8.81 9.95 10627 Aud REEE 802.1 tar. WRF (20 MHz, MCSS, 800x duir option WLAN 8.81 9.95 10628 Aud REEE 802.1 tar. WRF (20 MHz, MCSS, 800x duir option WLAN 8.81 9.95 10628 Aud REEE 802.1 tar. WRF (20 MHz, MCSS, 800x duir option WLAN 8.81 9.95 10638 Aud <	L					
10050 AAC TEEE Boxt Tax, WIFF (TAX WLX, MCSK, Sope dury cycle) WLAN 8.87 4.96 10621 AAD TEEE Boxt Tax, WIFF (TAX WLX, MCSK, Sope dury cycle) WLAN 8.86 15.95 10622 AAD TEEE Boxt Tax, WIFF (TAX WLX, MCSK, Sope dury cycle) WLAN 8.86 15.95 10622 AAD TEEE Boxt Tax, WIFF (TAX WLX, MCSK, Sope dury cycle) WLAN 8.86 15.85 10623 AAD TEEE Boxt Tax, WIFF (TAX WLX, MCSK, Sope dury cycle) WLAN 8.86 15.85 10624 AAD TEEE Boxt Tax, WIFF (TAX WLX, MCSK, Sope dury cycle) WLAN 8.83 15.85 10625 AAD TEEE Boxt Tax, WIFF (SAW WLX, MCSK, Sope dury cycle) WLAN 8.71 15.95 10628 AAD TEEE Boxt Tax, WIFF (SAW WLX, MCSK, Sope dury cycle) WLAN 8.71 15.95 10628 AAD TEEE Boxt Tax, WIFF (SAW WLX, MCSK, Sope dury cycle) WLAN 8.71 15.95 10628 AAD TEEE Boxt Tax, WIFF (SAW WLX, MCSK, Sope dury cycle) WLAN 8.71 15.95 10628 A		· · · · · · · · · · · · · · · · · · ·				
Uncord Atta LEEE Bool Tax WRF (40 MHz, MCSS, Sop. dur. yorle) WLAN 8.77 1.96. 10622 AAD LEEE Bool Tax WRF (40 MHz, MCSS, Sop. dur. yorle) WLAN 8.86 4.96. 10624 AAD LEEE Bool Tax WRF (40 MHz, MCSS, Sop. dur. yorle) WLAN 8.86 4.96. 10624 AAD LEEE Bool Tax WRF (40 MHz, MCSS, Sop. dur. yorle) WLAN 8.86 4.98. 10625 AAD LEEE Bool Tax WRF (40 MHz, MCSS, Sop. dur. yorle) WLAN 8.86 4.98. 10626 AAD LEEE Bool Tax WRF (30 MHz, MCSS, Sop. dur. yorle) WLAN 8.81 4.99. 10627 AAD LEEE Bool Tax WRF (30 MHz, MCSS, Sop. dur. yorle) WLAN 8.71 4.99. 10628 AAD LEEE Bool Tax WRF (30 MHz, MCSS, Sop. dur. yorle) WLAN 8.74 4.96. 10628 AAD LEEE Bool Tax WRF (30 MHz, MCSS, Sop. dur. yorle) WLAN 8.74 4.96. 10637 AAD LEEE Bool Tax WRF (30 MHz, MCSS, Sop. dur. yorle) WLAN 8.74 4.96. 10638 AAD LEEE Bo						
Torocci ADD TEEE B021 Tac WHI (40 MHz, MCSB, 00pc dury cycle) WLAN 8.68 ±9.6 Torocci ADD TEEE B021 Tac WHI (40 MHz, MCSB, 00pc dury cycle) WLAN 8.76 ±9.6 Torocci ADD TEEE B021 Tac WHI (40 MHz, MCSB, 00pc dury cycle) WLAN 8.76 ±9.6 Torocci ADD TEEE B021 Tac WHI (40 MHz, MCSB, 00pc dury cycle) WLAN 8.78 ±9.6 Torocci TADD TEEE B021 Tac WHI (80 MHz, MCSB, 00pc dury cycle) WLAN 8.78 ±9.6 Torocci TADD TEEE B021 Tac WHI (80 MHz, MCSB, 00pc dury cycle) WLAN 8.76 ±9.6 Torocci TADD TEEE B021 Tac WHI (80 MHz, MCSB, 00pc dury cycle) WLAN 8.76 ±9.6 Torocci TADD TEEE B021 Tac WHI (80 MHz, MCSB, 00pc dury cycle) WLAN 8.72 ±9.6 Torocci TADD TEEE B021 Tac WHI (80 MHz, MCSB, 00pc dury cycle) WLAN 8.74 ±8.6 Torocci TADD TEEE B021 Tac WHI (80 MHz, MCSB, 00pc dury cycle) WLAN 8.81 ±9.6 Torocci TEEE B021 Ta	3				8.77	±9.6
Torocci ADD TEEE B021 Tac WHF (ADMF), MCS7, Oppc dury cycle) WLAN 8.96 ±9.6 Torocci AAD TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.96 ±9.6 Torocci AAD TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.88 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.88 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.72 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.72 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.72 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.83 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.83 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.83 ±9.6 Torocci TEEE B021 Tac WHF (ADMF), MCS8, Oppc dury cycle) WLAN 8.83 ±9.6 Torocci <td< td=""><td></td><td></td><td></td><td></td><td>8.68</td><td>±9.6</td></td<>					8.68	±9.6
Index4 AAD IEEE 8021 Inc WIFI (60 MHz, MCS9, 90pc duty cycle) WLAN 8.96 ±9.81 Index5 AAD IEEE 8021 Inc WIFI (60 MHz, MCS9, 90pc duty cycle) WLAN 8.08 ±9.6 Index5 AAD IEEE 8021 Inc WIFI (60 MHz, MCS9, 90pc duty cycle) WLAN 8.08 ±9.6 Index2 AAD IEEE 8021 Inc WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.08 ±9.6 Index2 AAD IEEE 8021 Inc WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.72 ±3.6 Index3 AAD IEEE 8021 Inc WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.74 ±3.6 Index3 AAD IEEE 8021 Inc WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.74 ±3.6 Index3 AAD IEEE 8021 Inc WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.81 ±3.6 Index4 AAD IEEE 8021 Inc WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.83 ±3.6 Index4 AAD IEEE 8021 Inc WIFI (80 MHz, MCS9, 90pc duty cycle) WLAN 8.83 ±3.6 Index5 AAD <					8.82	±9.6
TodeS AnD TEEE B02:11 to: WHF (40 MHE, XCS9, 90pc dury cycle) WLAN 8.96 450. 10626 AAD IEEE B02:11 to: WHF (30 MHE, XCS1, 90pc dury cycle) WLAN 6.88 ±50. 10627 AAD IEEE B02:11 to: WHF (30 MHE, XCS2, 90pc dury cycle) WLAN 8.71 ±50. 10628 AAD IEEE B02:11 to: WHF (30 MHE, XCS3, 90pc dury cycle) WLAN 8.72 ±50. 10633 AAD IEEE B02:11 to: WHF (30 MHz, MCS5, 90pc dury cycle) WLAN 8.72 ±50. 10633 AAD IEEE B02:11 to: WHF (30 MHz, MCS5, 90pc dury cycle) WLAN 8.74 ±50. 10633 AAD IEEE B02:11 to: WHF (30 MHz, MCS5, 90pc dury cycle) WLAN 8.83 ±50. 10633 AAD IEEE B02:11 to: WHF (30 MHz, MCS5, 90pc dury cycle) WLAN 8.84 ±50. 10636 AAD IEEE B02:11 to: WHF (30 MHz, MCS5, 90pc dury cycle) WLAN 8.84 ±50. 10637 AAE IEEE B02:11 to: WHF (160 MHz, MCS5, 90pc dury cycle) WLAN 8.85 ±50. 10637 AAE <t< td=""><td></td><td></td><td></td><td></td><td>8.96</td><td>±9.6</td></t<>					8.96	±9.6
Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.83 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.71 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.71 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.72 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 60pc duly cycle) WLAN 8.71 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 60pc duly cycle) WLAN 8.83 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.81 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.81 ±9.6 Totoga AAD IEEE 802:11ac WIFI (80 MHz, MCS3, 90pc duly cycle) WLAN 8.81 ±9.6 Totoga AAE IEEE 802:11ac WIFI (160 MHz, MCS3, 90pc duly cycle) WLAN 8.83 ±9.6 Totoga AAE <					8.96	±9.6
TOB22 AAD TEEE 802:11ac WFF (80 MHz, MCS3, 90pc duty cycle) WLAN 8.88 4.95 TOB28 AAD IEEE 802:11ac WFF (80 MHz, MCS3, 90pc duty cycle) WLAN 8.75 4.95 TOB28 AAD IEEE 802:11ac WFF (80 MHz, MCS3, 90pc duty cycle) WLAN 8.72 4.95 TOB33 AAD IEEE 802:11ac WFF (80 MHz, MCS3, 60pc duty cycle) WLAN 8.73 ±9.6 TOB33 AAD IEEE 802:11ac WFF (80 MHz, MCS3, 60pc duty cycle) WLAN 8.81 ±9.6 TOB33 AAD IEEE 802:11ac WFF (80 MHz, MCS3, 60pc duty cycle) WLAN 8.83 ±9.6 TOB33 AAD IEEE 802:11ac WFF (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 ±9.6 TOB33 AAD IEEE 802:11ac WFF (100 MHz, MCS3, 90pc duty cycle) WLAN 8.83 ±9.6 TOB33 AAE IEEE 802:11ac WFF (100 MHz, MCS3, 90pc duty cycle) WLAN 8.84 ±9.6 TO833 AAE IEEE 802:11ac WFF (100 MHz, MCS3, 90pc duty cycle) WLAN 8.86 ±9.8 TO834 AAE IEEEE 802:11ac W	1			WLAN	8.83	±9,6
Dock ADD FEEE 802.11 ac WFF (80 MHz, MCS2, 30pc duty cycle) WLAN 8.71 ± 9.6 10828 AAD FEEE 802.11 ac WFF (80 MHz, MCS3, 30pc duty cycle) WLAN 8.65 ± 9.8 10830 AAD FEEE 802.11 ac WFF (80 MHz, MCS3, 30pc duty cycle) WLAN 8.72 ± 9.8 10831 AAD IEEE 802.11 ac WFF (80 MHz, MCS3, 30pc duty cycle) WLAN 8.74 ± 9.6 10832 AAD IEEE 802.11 ac WFF (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 ± 9.6 10832 AAD IEEE 802.11 ac WFF (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 ± 9.6 10833 AAD IEEE 802.11 ac WFF (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 ± 9.6 10834 AAD IEEE 802.11 ac WFF (160 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ± 9.6 10835 AAE IEEE 802.11 ac WFF (160 MHz, MCS3, 90pc duty cycle) WLAN 8.86 ± 9.8 10840 AAE IEEE 802.11 ac WFF (160 MHz, MCS3, 90pc duty cycle) WLAN 8.86 ± 9.8 10845 AAE <						±9.6
Incess ADD IEEE 802.11 as: WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.75 19.96 I0630 AAD IEEE 802.11 as: WIFI (80 MHz, MCS3, 80pc duty cycle) WLAN 8.71 19.96 I0631 AAD IEEE 802.11 as: WIFI (80 MHz, MCS5, 80pc duty cycle) WLAN 8.74 2.96 I0633 AAD IEEE 802.11 as: WIFI (80 MHz, MCS5, 80pc duty cycle) WLAN 8.74 2.96 I0633 AAD IEEE 802.11 as: WIFI (80 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.96 I0635 AAD IEEE 802.11 as: WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.83 4.96 I0635 AAE IEEE 802.11 as: WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.79 4.96 I0636 AAE IEEE 802.11 as: WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.79 4.96 I0637 AAE IEEE 802.11 as: WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.79 4.96 I0638 AAE IEEE 802.11 as: WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.96 4.96 1.96 I06					8.71	±9.6
TOGS0 AAD IEEE 802:11ac WIF (80 MHz, MCS6, 90pc duty cycle) WLAN 8.72 4.96 10631 AAD IEEE 802:11ac WIF (80 MHz, MCS6, 90pc duty cycle) WLAN 8.81 4.96 10632 AAD IEEE 802:11ac WIF (80 MHz, MCS6, 90pc duty cycle) WLAN 8.83 ±9.6 10633 AAD IEEE 802:11ac WIF (80 MHz, MCS6, 90pc duty cycle) WLAN 8.83 ±9.6 10634 AAD IEEE 802:11ac WIF (80 MHz, MCS6, 90pc duty cycle) WLAN 8.83 ±9.6 10635 AAE IEEE 802:11ac WIF (160 MHz, MCS6, 90pc duty cycle) WLAN 8.83 ±9.6 10636 AAE IEEE 802:11ac WIF (160 MHz, MCS3, 90pc duty cycle) WLAN 8.86 ±9.6 10637 AAE IEEE 802:11ac WIF (160 MHz, MCS3, 90pc duty cycle) WLAN 8.86 ±9.6 10643 AAE IEEE 802:11ac WIF (160 MHz, MCS3, 90pc duty cycle) WLAN 8.86 ±9.6 10644 AAE IEEE 802:11ac WIF (160 MHz, MCS3, 90pc duty cycle) WLAN 9.06 ±9.6 10644 AAE IEEE 802:11ac					8.85	±9.6
ID33 IAD IEEE 802 11ac WiFi (80 MHz, MCSS, 90pc duty cycle) WLAN 8.41 4.9.6 10632 AAD IEEE 802 11ac WiFi (80 MHz, MCSS, 90pc duty cycle) WLAN 8.74 2.9.6 10633 AAD IEEE 802.11ac WiFi (80 MHz, MCSS, 90pc duty cycle) WLAN 8.83 2.9.6 10634 AAD IEEE 802.11ac WiFi (80 MHz, MCSS, 90pc duty cycle) WLAN 8.81 4.9.6 10635 AAE IEEE 802.11ac WiFi (160 MHz, MCSS, 90pc duty cycle) WLAN 8.83 4.9.6 10637 AAE IEEE 802.11ac WiFi (160 MHz, MCSS, 90pc duty cycle) WLAN 8.74 4.9.6 10638 AAE IEEE 802.11ac WiFi (160 MHz, MCSS, 90pc duty cycle) WLAN 8.76 4.9.6 10639 AAE IEEE 802.11ac WiFi (160 MHz, MCSS, 90pc duty cycle) WLAN 8.96 4.9.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 4.9.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCSS, 90pc duty cycle) WLAN 9.06 4.9.6 10644 AAE				WLAN	8.72	±9.6
TOB32 AAD IEEE 802.11ac WIF (80 MHz, MCSR, 90pc duty cycle) WLAN 8.74 ± 9.8 10633 AAD IEEE 802.11ac WIF (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 ± 9.6 10634 AAD IEEE 802.11ac WIF (80 MHz, MCSR, 90pc duty cycle) WLAN 8.83 ± 9.6 10636 AAD IEEE 802.11ac WIF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.83 ± 9.6 10637 AAE IEEE 802.11ac WIF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.79 ± 9.6 10638 AAE IEEE 802.11ac WIF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.65 ± 9.6 10639 AAE IEEE 802.11ac WIF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.84 ± 9.6 10640 AAE IEEE 802.11ac WIF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.89 ± 9.6 10641 AAE IEEE 802.11ac WIF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.80 ± 9.6 10644 AAE IEEE 802.11ac WIF (160 MHz, MCSR, 90pc duty cycle) WLAN 8.80 ± 9.6 10644 IEEE 802.11ac WIF (160				WLAN	8.81	±9.6
Integra 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, MCS8, 90pc duty cycle) WLAN 8.81 ±9.6 10637 AAE IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle) WLAN 8.79 ±8.6 10638 AAE IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle) WLAN 8.85 ±9.6 10639 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, 80pc duty cycle) WLAN 8.66 ±9.6 10641 AAE IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle) WLAN 9.06 ±9.8 10643 AAE IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle) WLAN 9.06 ±9.8 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle) WLAN 9.05 ±9.6 10644 IEEE 802.11ac WiFi (160				WLAN	8.74	±9.6
10634 AD IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duty cycle) WLAN 8.81 4.9.6 10635 AAD IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.83 ±9.6 10636 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 8.79 ±9.6 10637 AAE IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.79 ±9.6 10638 AAE IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.85 ±9.6 10640 AAE IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 9.06 ±9.6 10641 AAE IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 9.06 ±9.6 10642 AAE IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 9.05 ±9.6 10643 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 ±9.6 10644 AAE IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 ±9.6 10643 AAE				WLAN	8.83	±9.6
10635 AD IEEE 802.11ac WiFI (80 MHz, MCS0, 90pc duly cycle) WLAN 8.81 ±9.6 10636 AAE IEEE 802.11ac WiFI (160 MHz, MCS0, 90pc duly cycle) WLAN 8.79 ±9.6 10637 AAE IEEE 802.11ac WiFI (160 MHz, MCS3, 90pc duly cycle) WLAN 8.79 ±9.6 10638 AAE IEEE 802.11ac WiFI (160 MHz, MCS3, 90pc duly cycle) WLAN 8.85 ±9.6 10639 AAE IEEE 802.11ac WiFI (160 MHz, MCS3, 90pc duly cycle) WLAN 8.85 ±9.6 10640 AAE IEEE 802.11ac WiFI (160 MHz, MCS4, 90pc duly cycle) WLAN 9.06 ±9.8 10641 AAE IEEE 802.11ac WiFI (160 MHz, MCS4, 90pc duly cycle) WLAN 9.06 ±9.8 10643 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duly cycle) WLAN 9.05 ±9.6 10644 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duly cycle) WLAN 9.11 ±9.6 10645 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 90pc duly cycle) WLAN 9.11 ±9.6 10646 AAE I				WLAN	8.80	±9.6
10636 AAE TEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle) WLAN 8.83 4.96 10637 AAE TEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.79 19.86 10638 AAE TEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.85 4.96 10639 AAE TEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle) WLAN 8.95 4.96 10640 AAE TEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle) WLAN 9.06 4.95 10641 AAE TEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle) WLAN 9.06 4.95 10643 AAE TEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle) WLAN 9.05 4.95 10644 AAE TEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 4.96 10647 AAE TEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 4.96 10647 AAE TEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle) WLAN 9.16 4.96 10648 AAE <t< td=""><td></td><td></td><td></td><td>WLAN</td><td>8.81</td><td>±9.6</td></t<>				WLAN	8.81	±9.6
10637 AAE IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duly cycle) WLAN 8.79 4.96 10638 AAE IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duly cycle) WLAN 8.86 ±9.6 10639 AAE IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duly cycle) WLAN 8.98 ±9.6 10641 AAE IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duly cycle) WLAN 8.98 ±9.6 10642 AAE IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duly cycle) WLAN 9.06 ±9.6 10643 AAE IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duly cycle) WLAN 9.05 ±9.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duly cycle) WLAN 9.05 ±9.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duly cycle) WLAN 9.11 ±9.6 10644 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duly cycle) WLAN 9.11 ±9.6 10646 AAE IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duly cycle) WLAN 9.11 ±9.6 10647 AAE <td< td=""><td></td><td></td><td></td><td>WLAN</td><td>8.83</td><td>±9.6</td></td<>				WLAN	8.83	±9.6
1053 AAL LLE bolz in a WiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 8.86 ±9.8 10630 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 8.98 ±9.8 10641 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 9.06 ±9.8 10642 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 9.06 ±9.8 10643 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 9.06 ±9.8 10644 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 9.06 ±9.6 10644 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 9.11 ±9.6 10644 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 9.11 ±9.6 10644 AAE IEEE 802 11a wWiFi (160 MHz, MCS3, 90pc duty cycle) WLAN 9.11 ±9.6 10644 AAE IEE 7DD (SC-FDMA, 1 RB, 5MHz, DFSA, UL Subframe-2,7) LITE-TDD 11.96 ±9.6 10655 AAF		AAE		WLAN	8.79	±9.6
10050 PARL ILL: Do2: Tax WiFi (160 MHz, MCS4, 90pc duty cycle) WLAN 8.98 ±9.6 10641 AAE IEEE 802: Tax WiFi (160 MHz, MCS4, 90pc duty cycle) WLAN 9.06 ±9.6 10642 AAE IEEE 802: Tax WiFi (160 MHz, MCS5, 90pc duty cycle) WLAN 9.06 ±9.6 10642 AAE IEEE 802: Tax WiFi (160 MHz, MCS5, 90pc duty cycle) WLAN 9.06 ±9.8 10644 AAE IEEE 802: Tax WiFi (160 MHz, MCS5, 90pc duty cycle) WLAN 9.05 ±9.8 10644 AAE IEEE 802: Tax WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.05 ±9.6 10644 AAE IEEE 802: Tax WiFi (160 MHz, MCS9, 90pc duty cycle) WLAN 9.16 ±9.6 10647 AAG ITE=TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2.7) ITE=TDD 11.96 ±9.6 10648 AAF ITE=TDD (OFDMA, 5 MHz, E=TM 3.1, Clipping 44%) ITE=TDD 7.42 ±9.6 10653 AAF ITE=TDD (OFDMA, 6 MHz, E=TM 3.1, Clipping 44%) ITE=TDD 7.21 ±9.6 10655 AAF	10638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
INDER International (International State) International State International State ID641 AAE IEEE 802:11ac WIFI (IB0MHz, MCS6, 90pc duty cycle) WLAN 9.06 ±9.6 ID643 AAE IEEE 802:11ac WIFI (IB0MHz, MCS6, 90pc duty cycle) WLAN 9.06 ±9.6 ID644 AAE IEEE 802:11ac WIFI (IB0MHz, MCS6, 90pc duty cycle) WLAN 9.05 ±9.6 ID644 AAE IEEE 802:11ac WIFI (IB0MHz, MCS8, 90pc duty cycle) WLAN 9.05 ±9.6 ID646 AAE IEEE 802:11ac WIFI (IB0MHz, MCS9, 90pc duty cycle) WLAN 9.11 19.6 ID647 AAE IEEE 802:11ac WIFI (IB0MHz, MCS9, 90pc duty cycle) WLAN 9.05 ±9.6 ID648 AAA LITE-TDD (SC-FDMA, 1B, 20MHz, QPSK, UL Subframe-2.7) LITE-TDD 11.96 ±9.6 ID647 AAE LITE-TDD (OFDMA, 1A, 1C, ICIpping 44%) LITE-TDD 7.42 ±9.6 ID655 AAF LITE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%) LITE-TDD 7.21 ±9.6 ID656 AAB Pulase Waveform (200Hz, 40%)	10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
Ibor ARL ILES doct. Thac WIR1 (150 MHz, MCS6, 30pc duty cycle) WLAN 9.06 ±9.8 10642 AAE IEEE 802.11ac WIR1 (150 MHz, MCS6, 30pc duty cycle) WLAN 8.89 ±9.6 10644 AAE IEEE 802.11ac WIR1 (150 MHz, MCS6, 30pc duty cycle) WLAN 9.05 ±9.6 10644 AAE IEEE 802.11ac WIR1 (150 MHz, MCS9, 30pc duty cycle) WLAN 9.11 ±9.6 10646 AAH ITE-TDD (SC-FDMA, 1RB, 20 MHz, QPSK, UL Subtrame=2.7) ITE-TDD 11.96 ±9.6 10647 AAC ITE-TDD (OFC-FDMA, 1RB, 20 MHz, QPSK, UL Subtrame=2.7) ITE-TDD 11.96 ±9.6 10648 AAA CDMA2000 (1x Advanced) ITE-TDD 7.42 ±9.6 10658 AAF ITE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 7.42 ±9.6 10658 AAF ITE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 7.21 ±9.6 10650 AAB Pulse Waveform (200Hz, 20%) Test 10.00 ±9.6 10650 AAB Pulse Waveform (200Hz, 60%)	10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN		
1062 ARE IELE B02.11ac WiFI (160 MHz, MCS7, 30pc duty cycle) WLAN 8.89 ±9.6 10644 AAE IEEE 802.11ac WiFI (160 MHz, MCS7, 30pc duty cycle) WLAN 9.11 ±9.6 10645 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 30pc duty cycle) WLAN 9.11 ±9.6 10646 AAE IEEE 802.11ac WiFI (160 MHz, MCS9, 30pc duty cycle) WLAN 9.11 ±9.6 10647 AAG ITE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2.7) ITE-TDD 11.96 ±9.6 10648 AA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9.6 10653 AAF ITE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2.7) ITE-TDD 7.42 ±9.6 10654 AAE ITE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 7.42 ±9.6 10655 AAF ITE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) ITE-TDD 7.21 ±9.6 10656 AAB Pulse Waveform (200Hz, 40%) Test 0.99 ±9.6 10666 AAB Pulse Waveform (200Hz, 40%)	10641	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN		
1063 AAL IELE 802.11a WiF (106 MHz, MCSB, 80pc duty cycle) WLAN 9.05 ±9.8 10644 AAE IEEE 802.11a WiF (160 MHz, MCSB, 80pc 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 AAC ITE-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 10648 AAA CDMA2000 (1x Advanced) 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 7.21 ±9.6 10655 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10656 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10655 AAF Pulse Waveform (200Hz, 10%) T	10642	AAE				
IO045 AAE IELE 02.11ac Wirf (160 MHz, MCS9, 90pc duty cycle) WLAN 9.11 ±9.6 10646 AAH ITE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) LTE-TDD 11.96 ±9.6 10646 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9.6 10646 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 10652 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9.6 10653 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10654 AAB LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10655 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10656 AAB Pulse Waveform (200Hz, 40%) Test 5.99 ±9.6 10656 AAB Pulse Waveform (200Hz, 40%) Test 5.98	10643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)			
International and the internatintereconditional and the international and the internati	10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)			
International And Elected Control (Control (Contro) (Contro) (Control (Control (Control (Contro) (Contro) (Contro)	10645	AAE				
Note International control formation of the second se	10646	AAH				
10040 HAR LTE-TDD 6.91 ±9.6 10652 AAF LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9.6 10653 AAF LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9.6 10654 AAF LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.42 ±9.6 10655 AAF LTE-TDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10655 AAF Pulse Waveform (200Hz, 10%) Test 0.00 ±9.8 10660 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±9.6 10660 AAB Pulse Waveform (200Hz, 60%) Test 3.98 ±9.6 10661 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, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10672 AAC IEEE	10647	AAG				
10002 INT International properties International properties 10053 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 7.21 ±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 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10656 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, 80%) Test 0.97 ±9.6 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9.6 10670 AAC Bluetooth Low Energy Bluetooth 2.19 ±9.6 10671						
No. C.L. L. L. L. L. D. (C.D. MA, 15 MLR, E-TM 3.1, Clipping 44%) L.TE-TDD 6.96 ±9.6 10655 AAF LTE-TDD (OFDMA, 15 MLR, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6 10655 AAF LTE-TDD (OFDMA, 20 MLz, E-TM 3.1, Clipping 44%) Test 10.00 ±9.6 10655 AAF LTE-TDD (OFDMA, 20 MLz, E-TM 3.1, Clipping 44%) Test 10.00 ±9.6 10656 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, 60%) Test 0.97 ±9.6 10670 AAB Bluetooth Low Energy Bluetooth 2.19 ±9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 9.09 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.76 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.73 ±9.6						
10655 AAF LTE-TDD 7.21 ±9.6 10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) Iest 10.00 ±9.6 10658 AAB Pulse Waveform (200Hz, 20%) Test 6.99 ±9.6 10660 AAB Pulse Waveform (200Hz, 20%) Test 3.98 ±9.6 10660 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±9.6 10660 AAB Pulse Waveform (200Hz, 40%) Test 0.97 ±9.6 10661 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, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10675 AAC IEEE 802.11ax (20						
10030 AAB Pulse Vaveform (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, 60%) Test 0.97 ±9.6 10670 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.77 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6		_				
10650 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 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, MCS1, 90pc duly cycle) WLAN 9.09 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duly cycle) WLAN 8.57 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duly cycle) WLAN 8.74 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duly cycle) WLAN 8.73 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duly cycle) WLAN 8.73 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duly cycle) WLAN 8.73 ±9.6	·					
10630 AAB Pulse Waveform (200Hz, 40%) Test 3.98 ±9.6 10660 AAB Pulse Waveform (200Hz, 60%) Test 2.22 ±9.6 10661 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±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, MCS1, 90pc duty cycle) WLAN 9.09 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.57 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 </td <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td>		_				
Totolo Fails Test 2.22 ±9.6 10661 AAB Pulse Waveform (200Hz, 60%) Test 0.97 ±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 8.78 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.77 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC<						
10601 AAB Fulse Watedom (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 8.74 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.78						
10602 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 10670 AAA Bluetooth Low Energy WLAN 9.09 ±9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 8.57 ±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 8.74 ±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, MCS7, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.73 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.89 <						
10670 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 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, 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, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)						
10671 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.78 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.74 ±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 10675 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.82 ±9.6 10681 AAC	\$		<u>,</u>	1		
10672 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.74 ±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, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.82 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)						
10073 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.90 ±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, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10680 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 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)						
10674 JAG IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.90 ±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, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.82 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)				i		
10073 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS7, 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 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±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 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6 10685 AAC						
10673 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.82 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.62 ±9.6 10683 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 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	h					
10677 // Ho IEEE 002.110x (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.89 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 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 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.33 ±9.6						
10673 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.80 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6						
10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.62 ±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, 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, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6				1		
10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6						±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, 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, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6	J					±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, MCS1, 99pc duty cycle) WLAN 8.33 ±9.6					8.83	±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		_			8.42	±9.6
10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6				WLAN	8.26	±9.6
		1		WLAN	8.33	±9.6
				WLAN	8.28	±9.6

			0	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	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)	WLAN	8.29	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.25	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.57	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.78	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.91	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.61	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.89	±9,6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.82	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.73	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.86	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.70	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	<u>+9.6</u>
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.56	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.69	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.66	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc 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	IEEE 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		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, MCS5, 99pc duty cycle)	WLAN	8.33	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.26	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.45	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.30	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.24	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.81	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.87	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.76	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8,70	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 30pc duty cycle)	WLAN	8.90	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.74	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10726	AAC AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.66	±9.6
10727 10728		IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10728		IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
j		IEEE 802.11ax (80 MHz, MCS10, 30µc duty cycle)	WLAN	8.67	±9.6
10730			WLAN	8.42	±9.6
10731	AAC AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8,46	±9.6
\$		IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.40	±9.6
10733		IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.25	±9.6
10734	-	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10735		IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10730			WLAN	8.36	±9.6
10737		IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10738		IEEE 802.11ax (80 MHz, MCS7, 95)c duty cycle)	WLAN	8.29	±9.6
10739			WLAN	8.48	±9.6
10740			WLAN	8.40	±9.6
10741			WLAN	8.43	±9.6
10742			WLAN	8.94	±9.6
10743			WLAN	9.16	±9.6
10744			WLAN	8.93	±9.6
10745			WLAN	9.11	±9.6
10740			WLAN	9.04	±9.6
10748			WLAN	8.93	±9.6
10748			WLAN	8.90	±9.6
10749			WLAN	8.79	±9.6
1 10700	1 nnu				±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	1 1.0.0

UID	Pau	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10753	Rev 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
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	<u>+9.6</u>
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6 ±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN WLAN	8,53 8,54	±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)	5G NR FR1 TDD	7.99	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 Hz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 Hz)	5G NR FR1 TDD	8.23	±9.6
10772	AAE	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	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	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
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	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 ±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.39	±9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10789	AAF	5G NR (CP-OFDM, 100% HB, 40 MHz, QPSK, 13 KHz)	5G NR FR1 TDD	8.39	±9.6
10790	AAE	5G NR (CP-OFDM, 100 // HB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10791	AAG	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 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		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		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10802		5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10803		5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10805		5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10806		5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10809		5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD		±9.6 ±9.6
10810		5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10812		5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10817		5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10818		5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10819		5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)	5G NR FR1 TDD		±9.6
10820	_ i	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10822		5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10822		5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10824		5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
	_	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
	AAF		1 001111111100		1
10825		5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6

			Crown	PAR (dB)	$Unc^{E} k = 2$
UID	Rev	Communication System Name	Group 5G NR FR1 TDD	8.40	±9.6
10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 Minz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10832	AAE	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10833	AAD AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10834		5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10835	AAF	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	<u>+</u> 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	<u>±9.6</u>
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 ±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41 5.68	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.89	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR2 TDD	5.75	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9,6
10871	AAE	5G NR (DFT-s-OFDM, 14B, 100 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.52	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100 / 11B, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	6.61	±9.6
10873	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		±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		±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10886		5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10887		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD		±9.6
10888		5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD		±9.6
10889		5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD		±9.6 ±9.6
10890		5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD		±9.6
10891		5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10892		5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10897		5G NR (DF1-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10898		5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD		±9.6
10899		5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10900		5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10902			5G NR FR1 TDD		±9.6
10902			5G NR FR1 TDD		±9.6
10904			5G NR FR1 TDD	5.68	±9.6
10905	_		5G NR FR1 TDD	5.68	±9.6
10906			5G NR FR1 TDD	5.68	±9.6
10907			5G NR FR1 TDD		±9.6
10908	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10909	AAB		5G NR FR1 TDD		±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

			Group	PAR (dB)	Unc ^E $k = 2$
UID	Rev	Communication System Name	5G NR FR1 TDD	5.93	±9.6
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±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	5.85	±9.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5MHz, 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	5.87	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±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	5.95	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 FDD	5.52	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	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	5.51	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC		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 (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10936	AAD		5G NR FR1 FDD	5.77	±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	5.90	±9.6
10938	AAC		5G NR FR1 FDD	5.82	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10940	AAC	5G NR (DFT-S-OFDM, 50% RB, 20 MRz, QFSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10941	AAC	5G NR (DFT-S-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10942	AAC	5G NR (DFT-S-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.95	±9.6
10943	AAD	5G NR (DFT-S-OFDM, 50% RB, 50 MHz, QFSK, 15 KHz)	5G NR FR1 FDD	5.81	±9.6
10944	AAD	5G NR (DFT-s-OFDM, 100% RB, 3 MHz, QPSK, 13 Hz)	5G NR FR1 FDD	5.85	±9.6
10945	AAD	5G NR (DFT-S-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.83	±9.6
10946	AAC	5G NR (DFT-S-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.87	±9.6
10947	AAC AAC	5G NR (DFT-S-OFDM, 100% RB, 25MHz, QPSK, 15KHz)	5G NR FR1 FDD	5.94	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.87	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10950	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		±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD		±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 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, 15 kHz)	5G NR FR1 FDD		±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD		±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD		±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	5G NR FR1 FDD		±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.33	±9.6
10955	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD		±9.6
10961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD		±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD		±9.6
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD		±9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
10965	AAC	5G NR DL. (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
10966		5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
10967		5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
10968		5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
10972		5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		±9.6
10973	_	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10974			5G NR FR1 TDD		±9.6
10978		ULLA BDR	ULLA	1.16	±9.6
10979		ULLA HDR4	ULLA	8.58	±9.6
10980		ULLA HDR8	ULLA	10.32	±9.6
	1.2.4		ULLA	3.19	±9.6
10981	AAA	ULLA HDRp4	I ULLA	3.13	1 10.0

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	<u>±9.6</u>
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	<u>+</u> 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** Zeughausstrasse 43, 8004 Zurich, Switzerland





S

Schweizerischer Kallbrierdienst

Service suisse d'étalonnage

С Servizio svizzero di taratura S

Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Cilent

Element Columbia, USA Certificate No.

EX-7718_Apr24

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7718	SRS	04/30/24			
Calibration procedure(s)	QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA C QA CAL-25.v8 Calibration procedure for dosimetric E-field probes	CAL-23.v	6,			
Calibration date	April 17, 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
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)	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-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	Joanna Lleshaj	Laboratory Technician	Attfuller &
Approved by	Sven Kühn	Technical Manager	5.6
This calibration certificate sha	I not be reproduced except in full w	ithout written approval of the labora	lssued: April 17, 2024 tory.

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





S

С

Schweizerischer Kallbrierdienst

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

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

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

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μ V/(V/m) ²) A	0.65	0.58	0.60	±10.1%
DCP (mV) ^B	107.4	108.9	111.4	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	127.1	±1.5%	±4.7%
		Y	0.00	0.00	1.00		136.6		
		Z	0.00	0.00	1.00		146.2		
10352	Pulse Waveform (200Hz, 10%)	X	1.65	61.02	6.52	10.00	60.0	±2.8%	±9.6%
	• • •	Y	2.00	62.00	7.00		60.0		
		Z	1.64	61.22	6.94		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	74.00	9.00	6.99	80.0	±2.4%	±9.6%
		Y	0.82	60.00	4.98		80.0		
		Z	0.84	60.00	5.21		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.12	119.02	1.72	3.98	95.0	±2.7%	±9.6%
		Y	0.15	135.30	0.44		95.0]	
		Z	8.00	70.00	7.00		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	1.34	158.55	5.49	2.22	120.0	±1.7%	±9.6%
		Y	11.53	156.56	9.69	1	120.0		
		Z	10.55	157.00	10.20		120.0]	
10387	QPSK Waveform, 1 MHz	X	0.46	60.58	10.13	1.00	150.0	±4.0%	±9.6%
		Y	0.46	61.32	10.98]	150.0]	
		Z	0.69	64.75	12.48]	150.0		
10388	QPSK Waveform, 10 MHz	X	1.16	63.25	12.29	0.00	150.0	±1.2%	±9.6%
		Y	1.31	65.62	13.48	1	150.0]	1
		Z	1.43	65.80	13.98		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.56	63.08	15.09	3.01	150.0	±0.9%	±9.6%
		Y	1.63	63.78	15.27		150.0		
		Z	1.78	65.32	16.20		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.65	64.99	14.22	0.00	150.0	±1.8%	±9.6%
		Y	2.69	65.64	14.61		150.0		
	1	Z	2.90	66.31	15.03		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.83	65.77	14.99	0.00	150.0	±3.4%	±9.6%
		Y	3.80	66.17	15.18		150.0]	
		Z	3.96	65.89	15.22		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%.

- ^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.

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

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	T6
X	10.1	72.62	32.76	1.85	0.00	4.90	0.25	0.00	1.00
У	9.1	64.15	32.04	3.05	0.00	4.90	0.49	0.00	1.00
Z	12.1	85.79	32.35	3.85	0.00	4.94	0.59	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	18.8°
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.

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	9.18	9.07	9.61	0.39	1.27	±11.0%
835	41.5	0.90	8.83	9.16	9.59	0.37	1.27	±11.0%
1750	40.1	1.37	7.81	7.90	8.22	0.28	1.27	±11.0%
1900	40.0	1.40	7.55	7.58	7.86	0.29	1.27	±11.0%
2300	39.5	1.67	7.32	7.32	7.58	0.31	1.27	±11.0%
2450	39.2	1.80	7.20	7.20	7.44	0.31	1.27	±11.0%
2600	39.0	1.96	7.06	7.06	7.32	0.29	1.27	±11.0%

Calibration Parameter Determined in Head Tissue Simulating Media

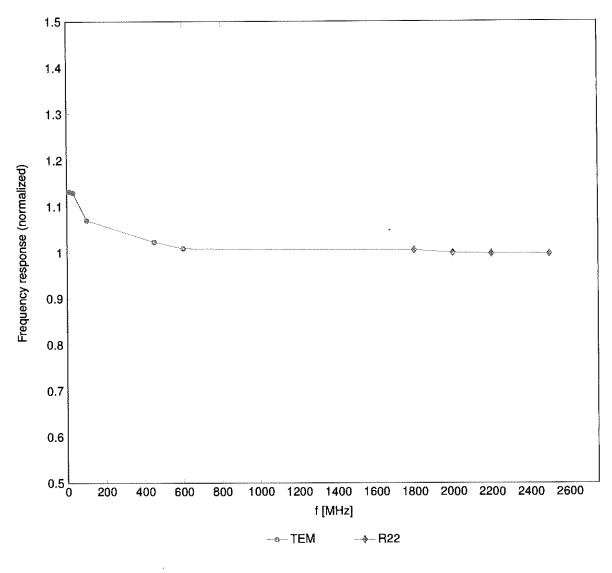
^C Frequency validity above 300 MHz of \pm 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to \pm 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz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

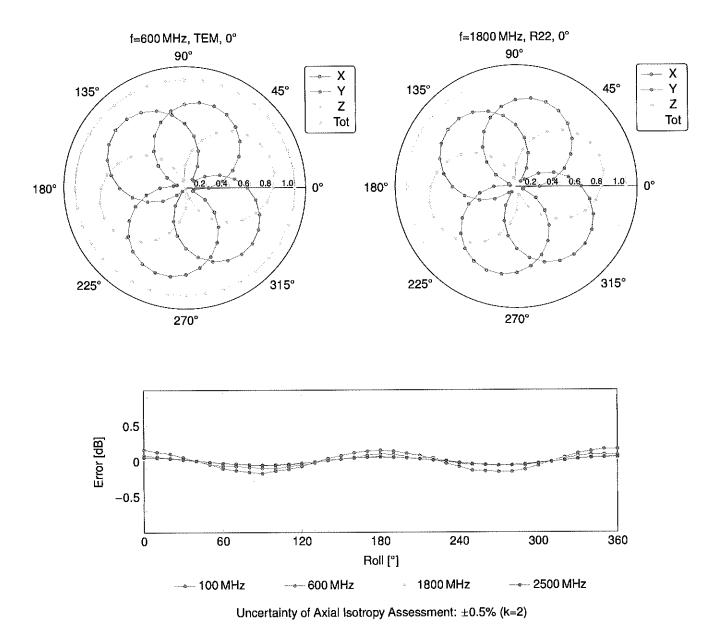
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter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

Frequency Response of E-Field

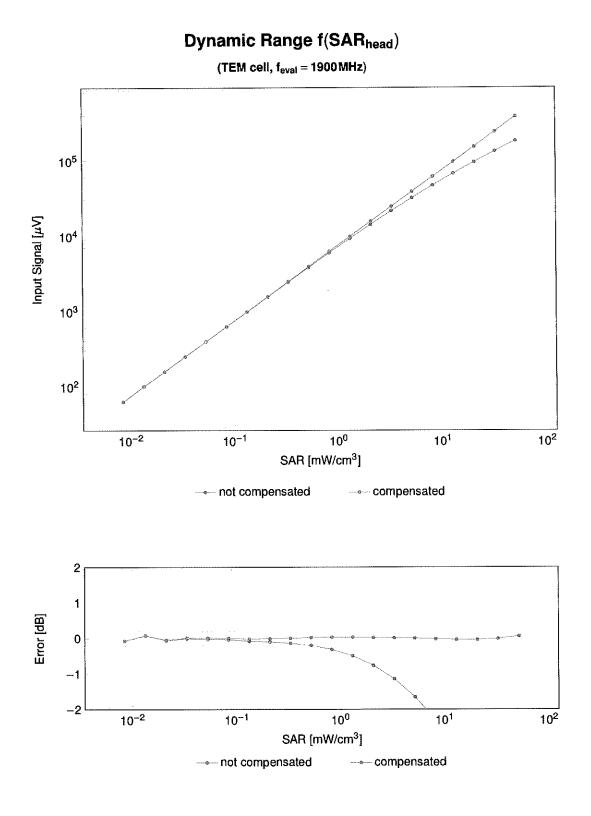
(TEM-Cell:ifi110 EXX, Waveguide:R22)



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

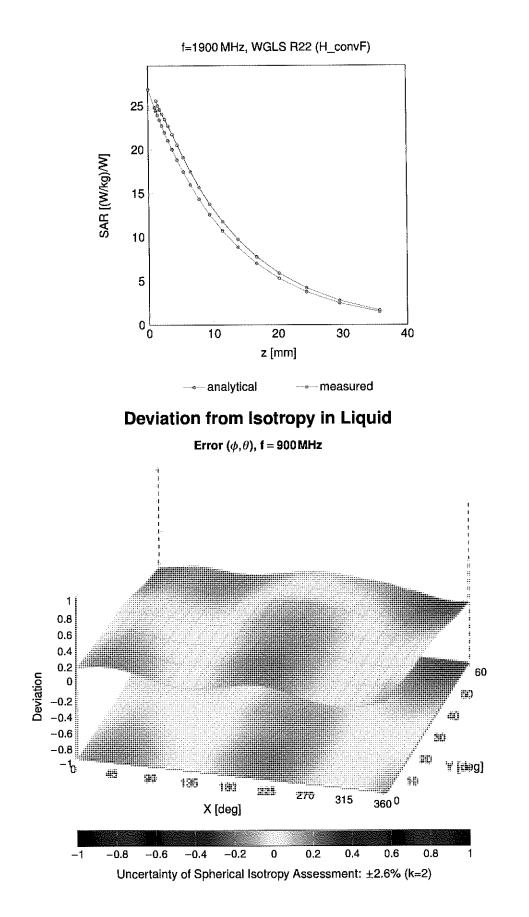


Receiving Pattern (ϕ **),** ϑ = 0°



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

Conversion Factor Assessment



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
0	1164	CW	CW	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
10012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10012	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
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
10020	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
10032	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9,6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10038	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10060	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
10062	CAE	IEEE 802.11a/h Wirl 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10063		IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h Wiri 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10065	CAE	IEEE 802.11a/h WiFI 5 GHz (OFDM, 10 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	1		WLAN	10.56	±9.6
10003	CAB	IEEE 802.11g WiFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10071			WLAN	9.62	±9.6
10072		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10073		IEEE 802.11g WIF12.4 GHz (DSSS/OFDM, 16Mbps)	WLAN	10.30	±9.6
10074		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 30 Mbps)	WLAN	10.94	±9.6
10070	_	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081		CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082		IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fulirate)	AMPS	4.77	±9.6
10090		GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097		UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098		UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099		EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10102			LTE-TDD	9.29	±9.6
10104			LTE-TDD	9.97	±9.6
10105			LTE-TDD	10.01	±9.6
10108			LTE-FDD	5.80	±9.6
10109			LTE-FDD	6.43	±9.6
10110			LTE-FDD	5.75	±9.6
10111			LTE-FDD	6.44	±9.6
	1	1 (++ ·) · / · · · · · · · · · · · · · · · ·			

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	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	ÇAH	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-TDD	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, 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, 5 MHz, 64-QAM)	LTE-FDD	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, 1.4 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	<u>±</u> 9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 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	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	6.50	±9.6
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194		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		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		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			WLAN	8.48	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

		O	Group	PAR (dB)	Unc ^E $k = 2$
UID 10225	Rev CAC	Communication System Name UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10225	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9,49	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10227	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, 3MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10220	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 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, 10MHz, 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, 15MHz, 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	<u>±9.6</u>
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 ±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH		LTE-TDD	10.09	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	9.29	±9.6
10249	CAH		LTE-TDD	9.81	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10251	CAH CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	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, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH		LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265			LTE-TDD	9.92	±9.6
10266	CAH		LTE-TDD	10.07	±9.6
10267				9.30	±9.6
10268			LTE-TDD	10.06	±9.6
10269			LTE-TDD	10.13	±9.6 ±9.6
10270			WCDMA	9.58	±9.6
10274		UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10275		· · · · · · · · · · · · · · · · · · ·	PHS	11.81	±9.6
10277			PHS	11.81	±9.6
10278			PHS	12.18	±9.6
10290		CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291		CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292		CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293		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	5.81	±9.6
10298		LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299		LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300		LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301			WIMAX	12.03	±9.6
10302			WIMAX	12.57	±9.6
10303			WIMAX WIMAX	12.52	±9.6
10304			WIMAX	11.86	±9.6
10305			WIMAX	15.24	±9.6
10306	AAA	TILL OVE. TO ANIMAN (20. 10, 10 IIIS, 10 WITZ, 04 CAW, 1000, 10 SYTIDUS)	111111111	17.07	<u></u>

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 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, Fuli 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 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)	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 ±9.6
10433		LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD		
10434		W-CDMA (BS Test Model 1, 64 DPCH)		8.60	±9.6 ±9.6
10435		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447		LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448		LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD LTE-FDD	7.53	±9.6
10449		LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450		LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	WCDMA	7.48	±9.6
10451		W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)			±9.6
10453		Validation (Square, 10ms, 1ms)	Test WLAN	10.00	±9.6
10456		IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WCDMA	8.63	±9.6
10457		UMTS-FDD (DC-HSDPA)	CDMA2000	6.62	±9.6
40.000		CDMA2000 (1xEV-DO, Rev. B, 2 carriers)		6.55	±9.6
10458			CDMA9000	1 2 24	T0.0
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	
10459 10460	AAA AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10459 10460 10461	AAA AAB AAC	UMTS-FDD (WCDMA, AMR) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD	2.39 7.82	±9.6 ±9.6
10459 10460 10461 10462	AAA AAB AAC AAC	UMTS-FDD (WCDMA, AMR) 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)	WCDMA LTE-TDD LTE-TDD	2.39 7.82 8.30	±9.6 ±9.6 ±9.6
10459 10460 10461 10462 10463	AAA AAB AAC AAC AAC	UMTS-FDD (WCDMA, AMR) 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 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD LTE-TDD LTE-TDD	2.39 7.82 8.30 8.56	+9.6 +9.6 +9.6 +9.6 +9.6
10459 10460 10461 10462 10463 10463	AAA AAB AAC AAC AAC AAC	UMTS-FDD (WCDMA, AMR) 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 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD	2.39 7.82 8.30 8.56 7.82	+9.6 +9.6 +9.6 +9.6 +9.6 +9.6
10459 10460 10461 10462 10463 10464 10465	AAA AAB AAC AAC AAC AAC AAD AAD	UMTS-FDD (WCDMA, AMR) 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 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	2.39 7.82 8.30 8.56 7.82 8.32	+9.6 +9.6 +9.6 +9.6 +9.6 +9.6 +9.6
10459 10460 10461 10462 10463 10464 10465 10466	AAA AAB AAC AAC AAC AAC AAD AAD AAD	UMTS-FDD (WCDMA, AMR) 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 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	2.39 7.82 8.30 8.56 7.82 8.32 8.32 8.57	$ \begin{array}{r} \pm 9.6 \\ \end{array} $
10459 10460 10461 10462 10463 10464 10465 10466 10466	AAA AAB AAC AAC AAC AAC AAD AAD AAD AAQ	UMTS-FDD (WCDMA, AMR) 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 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	2.39 7.82 8.30 8.56 7.82 8.32 8.32 8.57 7.82	$ \begin{array}{r} \pm 9.6 \\ \end{array} $
10459 10460 10461 10462 10463 10464 10465 10466 10466 10467	AAA AAB AAC AAC AAC AAC AAD AAD AAD AAG AAG	UMTS-FDD (WCDMA, AMR) 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 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82 8.57 7.82 8.32	$ \begin{array}{c} \pm 9.6 \\ \end{array} $
10459 10460 10461 10462 10463 10464 10465 10466 10466	AAA AAB AAC AAC AAC AAC AAD AAD AAD AAG AAG AAG	UMTS-FDD (WCDMA, AMR) 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 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	2.39 7.82 8.30 8.56 7.82 8.32 8.32 8.57 7.82	$ \begin{array}{r} \pm 9.6 \\ \end{array} $

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 1$
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
0473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subirame=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
0475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
0477	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
0478	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
0479	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
0480	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
0481	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
0483	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
	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
10484		LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10485	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
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 10-GAM, 0L Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10487	AAG		LTE-TDD	7.70	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)		7.74	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, 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=2,3,4,7,8,9)	LTE-TDD		±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	
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		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		LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507		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		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		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510		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		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		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10512			LTE-TDD	8.42	±9.6
			LTE-TDD	8.45	±9.6
10514			WLAN	1.58	±9.6
10515			WLAN	1.57	±9.6
10516		IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10517				8.23	±9.6
10518			WLAN	8.23	±9.6
10519			WLAN	8.39	±9.0
10520			WLAN	· · · · · · · · · · · · · · · · ·	
10521			WLAN	7.97	±9.6
10522			WLAN	8.45	±9.6
10523			WLAN	8.08	±9.6
10524			WLAN	8.27	±9.6
10525			WLAN	8.36	±9.0
10526			WLAN	8.42	±9.0
10527	7 AAD		WLAN	8.21	±9.0
10528	3 AAD		WLAN	8.36	±9.0
10529	AAD		WLAN	8.36	±9.0
10531	I AAD		WLAN	8.43	±9.0
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.0
10533	3 AAD		WLAN	8.38	±9.
10534			WLAN	8.45	±9.
10535			WLAN	8.45	±9.0
10536			WLAN	8.32	±9.
10537			WLAN	8.44	±9.
10538			WLAN	8.54	±9.
10540			WLAN	8.39	±9.0

		O	Group	PAR (dB)	$Unc^E k = 2$
UID	Rev	Communication System Name IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10542 10543	AAD AAD	IEEE 802.11ac WiFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10547 10548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10550 10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10552	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10553	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
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10560		IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10562		IEEE 802,11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564		IEEE 802.11g 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, 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
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, opp 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 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		IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585		IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	_	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587		IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588		IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589		IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591		IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592		IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593		IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594		IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595		IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596		IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597		IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598		IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599		IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600		IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601		IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602			WLAN	8.94	±9.6
10603			WLAN	9.03	±9.6
10604			WLAN	8.76	±9.6
10605			WLAN	8.97	±9.6
10606			WLAN	8.82	±9.6
	_		WLAN	8.64	±9.6
10607	' AAD		i trent	1 0.04	1 2010

					$Unc^{E} k = 2$
UID	Rev	Communication System Nama	Group	PAR (dB) 8.57	Unc = k = 2 ± 9.6
10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN WLAN	8.78	±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.70	±9.6
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.77	±9.6
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.94	±9.6
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.59	±9.6
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10617	AAD AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.58	±9.6
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 30pc duty cycle)	WLAN	8.86	±9.6
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10620	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 WiFi (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 WiFi (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 WIFI (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	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	8.98	±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	±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 ±9.6
10645	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN LTE-TDD	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 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)	CDMA2000	3.45	±9.6
10648	AAA	CDMA2000 (1x Advanced) LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10652 10653	AAF AAF		LTE-TDD	7.42	±9.6
10653	_	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10654		LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10655	AAF	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10658		Pulse Waveform (200Hz, 10%)	Test	6.99	±9.6
10659	1	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 40%)	Test	2.22	±9.6
10662		Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670		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		IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673		IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674		IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679		IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681		IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682		IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683			WLAN	8.42	±9.6
10684		IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685		IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
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 =
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
		IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10694	AAC		WLAN	8.78	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.91	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)			
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 duly 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
10700	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS0, 390c duty cycle)	WLAN	8.55	±9.6
		IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.33	±9.6
10709	AAC		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)			
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
			WLAN	8.90	±9.6
10724		IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9.6
10725	···] ·······	IEEE 802.11ax (80 MHz, MCS6, 90pc duly cycle)			
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727		IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.0
10728	AAC		WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11 ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.0
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.
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.4
10734		IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.
10735		IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.
10736	1	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.
10737		IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.
10738		IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8,42	±9,
10739		IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9,
		IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.4
10740			WLAN	8.40	±9.
10741		IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)			
10742		IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.
10743	1	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.
10744		IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.
10748		IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.
10749		IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.
10750		IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.
		IEEE 802.11ax (160 MHz, MCS7, 360c duty cycle)	WLAN	8.82	±9.
10751		1 = 2 = 2 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 1	1	1 0.00	

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
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	<u>+</u> 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
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	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
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	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	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, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798		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		5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805		5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806		5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809		5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810		5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812		5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817		5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818		5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819		5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820		5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821		5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822		5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823		5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824		5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825		5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827		5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	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

	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 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	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 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	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	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, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, 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, 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

					$Unc^E k = 2$
UID	Rev	Communication System Name	Group 5G NR FR1 TDD	PAR (dB) 5.93	$\frac{\text{Unc}^{-} k = 2}{\pm 9.6}$
10911	AAB AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	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
10910	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 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, 10MHz, QPSK, 15kHz)	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, 10MHz, QPSK, 15kHz)	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
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, 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 (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.94	±9.6
10949	AAC AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87 5.94	±9.6 ±9.6
10950	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, 10MHz, 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, 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 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	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

ŲID	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, 25MHz, 64-QAM, 30kHz)	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 Zurich, Switzerland





Schweizerischer Kalibrierdienst S

Service suisse d'étalonnage С

Servizio svizzero di taratura S

Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates Accreditation No.: SCS 0108

Client

Element Columbia, USA Certificate No.

EX-7527_Mar24

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7527	5P2S	03/25/24
Calibration procedure(s)	QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA C QA CAL-25.v8 Calibration procedure for dosimetric E-field probes	AL-23.v6) ,
Calibration date	March 08, 2024		
	ents the traceability to national standards, which realize the physical units o rtainties with confidence probability are given on the following pages and ar		

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	23-Feb-24 (No. DAE4-660_Feb24)	Feb-25
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	402
Approved by	Sven Kühn	Technical Manager	Siz
This calibration certificate sha	all not be reproduced except in	full without written approval of the	Issued: March 08, 2024 laboratory.

Calibration Laboratory of

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





S Schweizerischer Kalibrierdienst

C 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

Glossary

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

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

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (<i>k</i> = 2)
Norm $(\mu V/(V/m)^2)^A$	0.36	0.39	0.61	±10.1%
DCP (mV) ^B	103.8	102.0	100.3	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	B	С	D	VR	Мах	Max
			dB	dBõV		dB	m٧	dev.	Unc ^E
	0.0		0.00	0.00	1.00	0.00	147.0	10.00/	k = 2
0	CW	X	0.00	0.00	1.00	0.00		±2.8%	±4.7%
			0.00	0.00	1.00		138.9		
10050		Z	0.00	0.00	1.00	10.00	131.1		.0.00/
10352	Pulse Waveform (200Hz, 10%)	X	2.07	63.95	8.95	10.00	60.0	±3.2%	±9.6%
		Y	4.39	71.94	13.19		60.0		
		Z	2.62	65.49	10.03		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.97	61.47	7.00	6.99	80.0	±2.0%	±9.6%
		Y	14.38	84.95	16.16		80.0		
		Z	2.12	65.73	9.44		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.89	64.64	7.74	3.98	95.0	±1.3%	±9.6%
		Y	20.00	91.46	17.18		95.0		
		Z	4.00	73.06	11.45		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	89.77	15.20	2.22	120.0	±0.9%	±9.6%
		Y	20.00	98.83	19.42		120.0		
		Z	20.00	88.20	15.47		120.0		
10387	QPSK Waveform, 1 MHz	X	1.76	68.82	16.07	1.00	150.0	±2.2%	±9.6%
		Y	1.46	65.41	14.15		150.0		
		Z	1.70	66.84	15.40		150.0		
10388	QPSK Waveform, 10 MHz	X	2.24	68.86	16.38	0.00	150.0	±1.1%	±9.6%
		Y	1.94	66.18	14.84	1	150.0		
		Z	2.23	68.14	15.99	1	150.0		
10396	64-QAM Waveform, 100 kHz	X	2.38	68.91	18.21	3.01	150.0	±1.1%	±9.6%
	, ,	Y	2.08	65.51	16.38		150.0		
		Z	2.37	67.15	17.34		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.40	67.01	15.82	0.00	150.0	±0.9%	±9.6%
		Y	3.33	66.33	15.33	1	150.0	1	
		Ż	3.51	67.14	15.88	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz		4.65	65.60	15.53	0.00	150.0	±1.9%	±9.6%
		Ŷ	4.64	65.31	15.30		150.0		
		Ż	4.82	65.64	15.58	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%.

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

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.

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 msV ^{−2}	T2 msV ⁻¹	T3 ms	T4 V ^{−2}	T5 V ⁻¹	Т6
X	32.1	233.35	33.97	5.46	0.00	4.94	1.26	0.00	1.00
У	33.4	246.61	34.82	4.43	0.08	4.99	0.51	0.16	1.00
Z	40.9	303.59	35.15	16.01	0.00	4.97	0.31	0.29	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-31.4°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9mm
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.

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	9.50	8.72	9.83	0.37	1.27	±11.0%
835	41.5	0.90	8.89	7.96	9.58	0.36	1.27	±11.0%
1750	40.1	1.37	8.08	7.43	8.45	0.27	1.27	±11.0%
1900	40.0	1.40	8.09	7.39	8.47	0.23	1.43	±11.0%
2300	39.5	1.67	7.41	6.80	7.84	0.31	1.27	±11.0%
2450	39.2	1.80	7.26	6.64	7.68	0.31	1.27	±11.0%
2600	39.0	1.96	7.26	6.59	7.64	0.30	1.27	±11.0%

Calibration Parameter Determined in Head Tissue Simulating Media

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

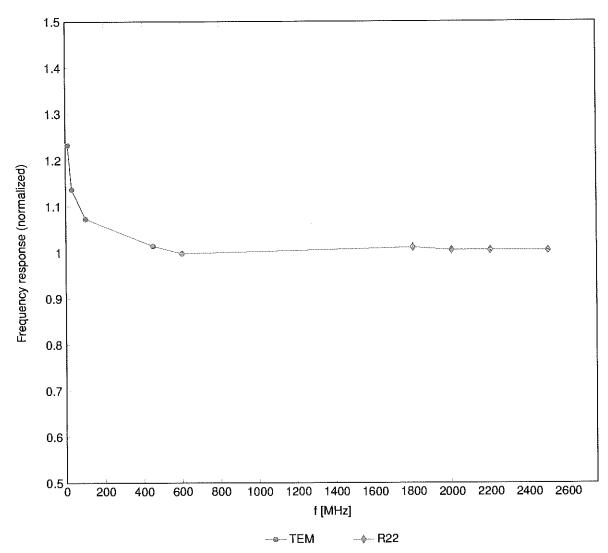
Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (<i>k</i> = 2)
6500	34.5	6.07	5.15	4.68	5.36	0.20	2.50	±18.6%
8000	32.7	7.84	5.33	4.76	5.57	0.44	1.41	±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

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to $\pm 10\%$.

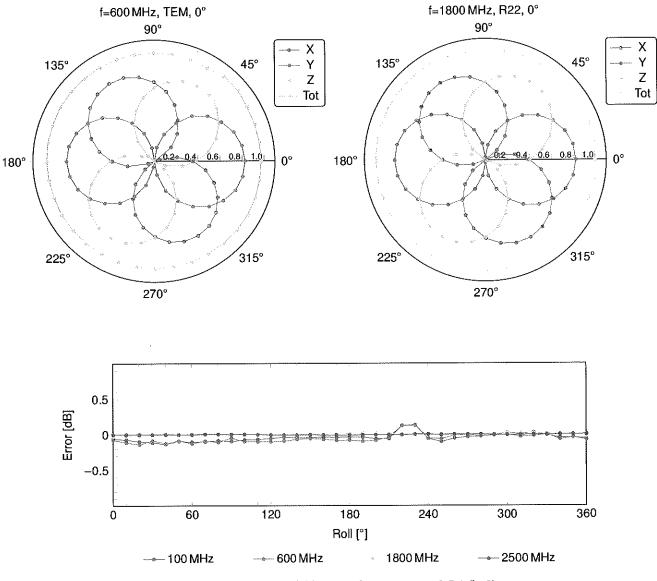
G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger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



Frequency Response of E-Field

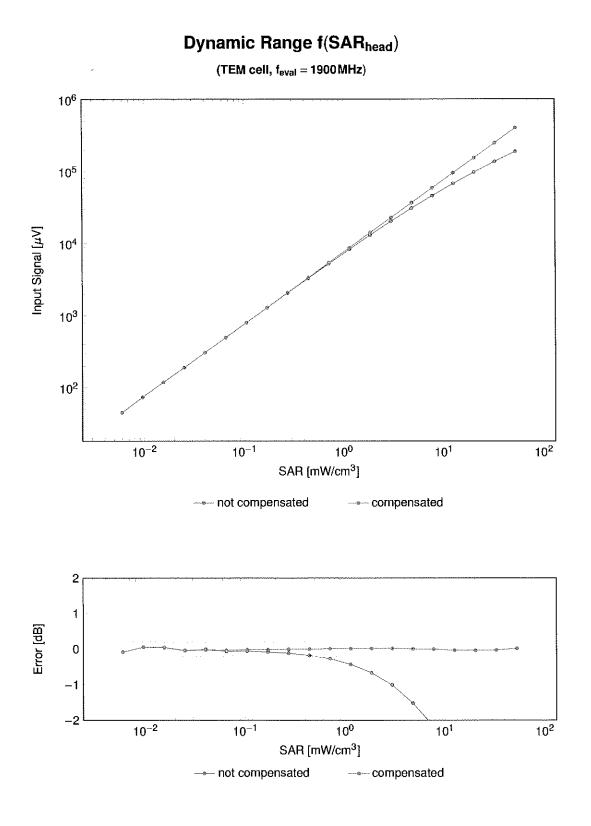
(TEM-Cell:ifi110 EXX, Waveguide:R22)

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



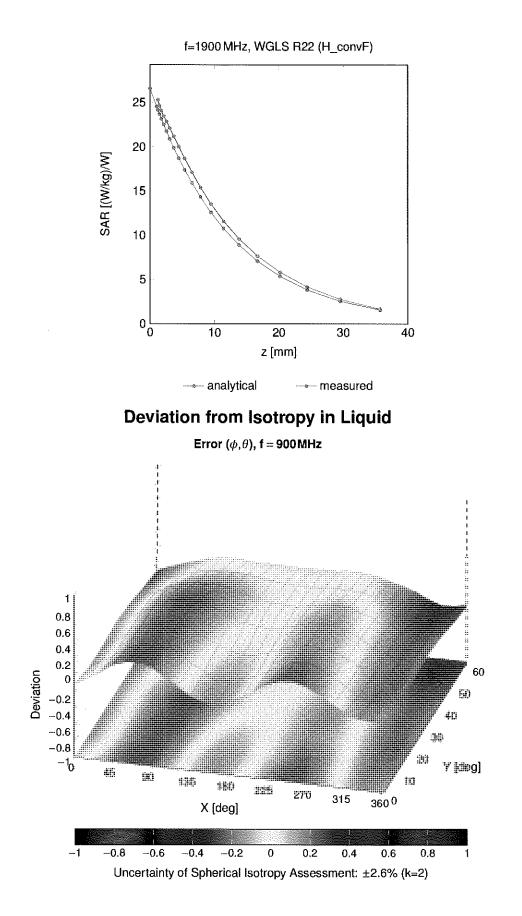
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

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



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

Conversion Factor Assessment



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
0		CW	CW	0.00	$\frac{1}{\pm 4.7}$
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±4.7 ±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	9.46	
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM		±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	9.57	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)		6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM GSM	12.62	±9.6
10020	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)		9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	4.80	±9.6
10023	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	CAA		GSM	7.78	±9.6
10030		IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	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)	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	10.30	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9,6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10102	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD		±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)		9.97	±9.6
10103	CAH	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	10.01	±9.6
10108	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
		LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 18-QAM) LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD LTE-FDD	6.43 5.75	±9.6
10110			1 1 1 1 1 1 1 1 1 1 1		±9.6
10110 10111	CAH CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

ç

	1		Group	PAR (dB)	$Unc^E k = 2$
UID	Rev	Communication System Name LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	Group LTE-FDD	6.59	±9.6
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 84-QAM)	LTE-FDD	6.62	±9.6
10113	CAH	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mops, Brok)	WLAN	8.46	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 31 Mbps, 64-QAM)	WLAN	8.15	±9.6
10116	CAE CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10117		IEEE 802.11n (HT Mixed, 13.3 Mbps, 16-QAM)	WLAN	8.59	±9.6
10118	CAE CAE	IEEE 802.11n (HT Mixed, 31 Maps, 10-QAM)	WLAN	8.13	±9.6
		LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6,49	±9.6
10140 10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10143	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
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10140	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10147	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
10150	CAH	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, 16-QAM)	LTE-TDD	9.92	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10153	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10150	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, 5 MHz, 64-QAM)	LTE-FDD	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, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6,49	±9,6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH		LTE-FDD	6.50	<u>+9.6</u>
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9,6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	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		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		IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219		IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220		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		IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

UID	Bay	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10225	Rev CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10225	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10220	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10220	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10220	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10230	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, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	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	<u>±9.6</u>
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	<u>±9.6</u>
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6 ±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	
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 ±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 LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)			±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD WIMAX	6.60	±9.6
10300		IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	VVIIVIAA		
10300 10301	AAA	LIFE OOD TO WINAY (OD TO F TO ADAULT OPDI/ DUDO DOTDI AUTO-1-1-)	AGNAA V	1 10 57	1
10300 10301 10302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)		12.57	<u>+9.6</u> +9.6
10300 10301 10302 10303	AAA AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6
10300 10301 10302	AAA AAA AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)			

		Occurrent action Duration Manage	Group	PAR (dB)	$Unc^{E} k = 2$
	Rev	Communication System Name IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	Group WiMAX	14.49	±9.6
10307	AAA	IEEE 802.169 WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6
10308	AAA	IEEE 802.16e WIMAX (29:16, 10 ms, 10 MHz, 16QAM, P030) IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
10309 10310	AAA	IEEE 802.166 WIMAX (29.16, 10 ms, 10 MHz, 10 CAM, AWO 2X3, 18 symbols)	WiMAX	14.57	±9.6
10310	AAA AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10311		IDEN 1:3	IDEN	10.51	±9.6
10313	AAA	iDEN 1:6	IDEN	13.48	±9.6
10314	AAA	IEEE 802,11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10315	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10316	AAB	IEEE 802.11g WiFI 2.4 GHZ (CHT -OF Divi, 6 Mipps, 50pc duty cycle)	WLAN	8.36	±9.6
10317	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10352	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10353	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10354	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10356 10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10387	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10388	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10400	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10401	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10402	AAF	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3,77	±9.6
10404	AAB	CDMA2000 (1XEV-DO, Rev. A) CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10408	AAB	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
10410		WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10414	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10415	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10410	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	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
10413	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10420	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 16 Group)	WLAN	8.41	±9.6
10427	AAE	LTE-FDD (OFDMA, 5MHz, 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, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10432		LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433		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
10435	AAG	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10447	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.53	±9.6
10448	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10449	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		Validation (Square, 10ms, 1ms)	Test	10.00	±9.6
10456		IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457		UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458		CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459		CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10455		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		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
10462	_	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		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465		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		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10467		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468		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		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		LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10470	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
	1				

			Group	PAR (dB)	Unc ^E <i>k</i> = 2
UID	Rev	Communication System Name	Group	8.57	±9.6
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10473 10474	AAF 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
10474	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
10475	AAF	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, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10479	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
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
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	8.55	±9,6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	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	1.58	<u>±9.6</u>
10518		IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519		IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520		IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521		IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522		IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523		IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525		IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9,6
	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10526		IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10527	AAD				
10527 10528	AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10527 10528 10529	AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN WLAN	8.36 8.36	±9.6
10527 10528 10529 10531	AAD AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN WLAN WLAN	8.36 8.36 8.43	±9.6 ±9.6
10527 10528 10529 10531 10532	AAD AAD AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN WLAN WLAN WLAN	8.36 8.36 8.43 8.29	±9.6 ±9.6 ±9.6
10527 10528 10529 10531 10532 10533	AAD AAD AAD AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN	8.36 8.36 8.43 8.29 8.38	+9.6 +9.6 +9.6 +9.6 +9.6
10527 10528 10529 10531 10532 10533 10533	AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN	8.36 8.36 8.43 8.29 8.38 8.45	+9.6 +9.6 +9.6 +9.6 +9.6 +9.6
10527 10528 10529 10531 10532 10533 10533 10534 10535	AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.36 8.36 8.43 8.29 8.38 8.45 8.45	$ \begin{array}{r} \pm 9.6 \\ \pm 9.6 \end{array} $
10527 10528 10529 10531 10532 10533 10534 10535 10536	AAD AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.36 8.36 8.43 8.29 8.38 8.45 8.45 8.45 8.32	$ \begin{array}{c} \pm 9.6 \\ \end{array} $
10527 10528 10529 10531 10532 10533 10533 10534 10535	AAD AAD AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.36 8.36 8.43 8.29 8.38 8.45 8.45	$ \begin{array}{r} \pm 9.6 \\ \pm 9.6 \end{array} $

UND	Bay	Communication System Name	Group		Unc ^E $k = 2$
UID	Rev	Communication System Name	Group	PAR (dB)	
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 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 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	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-OFDM, 34 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572			WLAN	1.99	±9.6
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)			
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 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	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, MCS3, 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, MCS0, solic duty cycle)	WLAN	8.77	±9.6
1			116/114	0.17	1 10.0

······					
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 WiFi (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 WiFi (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 WiFi (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 WiFi (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	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	8.98	±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	±9.6
10643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN		±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)	ULAN	9.11	±9.6 ±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)			
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	CDMA2000	11.96 3.45	±9.6 ±9.6
10648	AAA	CDMA2000 (1x Advanced)	LTE-TDD	6.91	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10653		LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)			
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 ±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	6.99	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%)	Test Test	3.98	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10661	AAB		Test	0.97	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%) Bluetooth Low Energy	Bluetooth	2.19	±9.6
10670			WLAN	9.09	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)			±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)			±9.6 ±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN		
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)		8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN WLAN	8.80	±9.6 ±9.6
10.681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)		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 MILAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

					$Unc^E k = 2$
UID	Rev	Communication System Name	Group WLAN	PAR (dB) 8,45	$\frac{1}{\pm 9.6}$
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) IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10690 10691	AAC AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS3, 990c duty cycle)	WLAN	8.25	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (20 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
10 698	AAC	IEEE 802.11 ax (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	<u>±9.6</u>
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6 ±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN 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	8.66	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10728		IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.64	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.67	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.42	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.46	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10733	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		IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740		IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	0.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742		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		IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8,93	±9.6
10749		IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	0.90	±9.6
10750	_	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751		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	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	<u>+9.6</u>
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
10760	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	EEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	EEE 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
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	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
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	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	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, 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		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		5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817		5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10818		5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10819		5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10820		5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10822		5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10823		5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10824		5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10825		5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

,

			Group	PAR (dB)	$Unc^{E} k = 2$
UID	Rev	Communication System Name	Group 5G NR FR1 TDD	8,40	±9,6
10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10831 10832	AAD AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10833	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 ±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36 8.34	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 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	8.40	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10863 10864	AAF	5G NH (CP-OFDM, 100% HB, 80 MHz, QPSK, 60 KHz) 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAE	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 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 5G NR FR2 TDD	7.95	±9.6 ±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	8,12	±9.6
10879	AAE	5G NR (CP-OFDM, 1 HB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10880	AAE	5G NR (DFT-S-OFDM, 100 % RD, 100 MHz, QPSK, 120 KHz)	5G NR FR2 TDD	5.75	±9.6
10882			5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	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 5G NR FR1 TDD	8.41	±9.6
10897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10898	AAC AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10900		5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10 902		5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903		5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904		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		±9.6
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10907	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10908		5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	····	±9.6
10909		5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

					$Unc^E k = 2$
UID	Rev	Communication System Name	Group 5G NR FR1 TDD	PAR (dB) 5.93	$\frac{\text{Unc}^2 \ \textbf{K} = 2}{\pm 9.6}$
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±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	5.85	±9.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±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	5.87	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QFSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10922	AAB	5G NR (DFT-S-OFDM, 100% RB, 20 MHz, QFSK, 30 KHz)	5G NR FR1 TDD	5.84	±9.6
10923	AAC	5G NR (DFT-S-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	5G NR (DFT-S-OFDM, 1 RB, 15 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.52	±9.6
10930 10931	AAC AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	±9.6
	AAC	5G NR (DFT-S-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	±9.6
10933 10934	AAC	5G NR (DFT-S-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
10930	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 Hz)	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, 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		5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954		5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10955		5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956		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		±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		±9.6
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
10968		5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD		±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		±9.6
10973		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD		<u>±9.6</u>
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980		ULLA HDR8	ULLA	10.32	±9.6
10981	AAA		ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10983	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.