Appendix C. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.

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





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

Accreditation No.: SCS 0108

Certificate No: D2450V2-737_Aug20

Accredited by the Swiss Accreditation Service (SAS)

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

Client

B.V. ADT (Auden)

CALIBRATION CERTIFICATE

Object **D2450V2 - SN:737**

Calibration procedure(s) QA CAL-05.v11

Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date: August 13, 2020

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)

Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-18) In house check Oct-18 Power sensor HP 8481A SN: MY41092317 07-Oct-15 (in house check Oct-18) In house check Oct-18 RF generator R&S SMT-06 SN: 100972 15-Jun-15 (in house check Oct-18) In house check Oct-18	
Power sensor NRP-Z91 SN: 103244 01-Apr-20 (No. 217-03100) Apr-21 Power sensor NRP-Z91 SN: 103245 01-Apr-20 (No. 217-03101) Apr-21 Reference 20 dB Attenuator SN: BH9394 (20k) 31-Mar-20 (No. 217-03106) Apr-21 Type-N mismatch combination SN: 310982 / 06327 31-Mar-20 (No. 217-03104) Apr-21 Reference Probe EX3DV4 SN: 7349 29-Jun-20 (No. EX3-7349_Jun20) Jun-21 DAE4 SN: 601 27-Dec-19 (No. DAE4-601_Dec19) Dec-20 Secondary Standards ID # Check Date (in house) Scheduled Power meter E4419B SN: GB39512475 30-Oct-14 (in house check Feb-19) In house check Power sensor HP 8481A Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-18) In house check Oct-18 RF generator R&S SMT-06 SN: 100972 15-Jun-15 (in house check Oct-18) In house check Oct-19 Network Analyzer Agilent E8358A SN: US41080477 31-Mar-14 (in house check Oct-19) In house check Oct-19)	Calibration
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	neck: Oct-20
Calibrated by: Jeffrey Katzman Laboratory Technician	
J. Ka	
	tur
Approved by: Katja Pokovic Technical Manager	111
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Issued: August 14, 2020

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Certificate No: D2450V2-737_Aug20

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Calibration Laboratory of

Schmid & Partner
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Schweizerischer Kalibrierdienst
Service suisse d'étalonnage
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Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

TSL _

tissue simulating liquid

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

10t applicable of the measure

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

Certificate No: D2450V2-737_Aug20

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Measurement Conditions

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

DASY Version	DASY5	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.9 ± 6 %	1.84 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	(. 0.000,0 15).	<u> Manua</u>

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.1 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	51.6 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.12 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.3 W/kg ± 16.5 % (k=2)

Certificate No: D2450V2-737_Aug20

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.8 Ω + 4.7 j Ω	
Return Loss	- 23.9 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.162 ns

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

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

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

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D2450V2-737_Aug20

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DASY5 Validation Report for Head TSL

Date: 13.08.2020

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:737

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

Medium parameters used: f = 2450 MHz; $\sigma = 1.84 \text{ S/m}$; $\varepsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY52 Configuration:

• Probe: EX3DV4 - SN7349; ConvF(7.74, 7.74, 7.74) @ 2450 MHz; Calibrated: 29.06.2020

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

• Electronics: DAE4 Sn601; Calibrated: 27.12.2019

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

• DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

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

Reference Value = 114.4 V/m; Power Drift = -0.09 dB

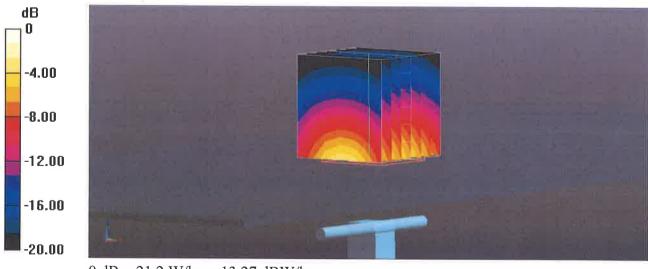
Peak SAR (extrapolated) = 25.6 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.12 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.2%

Maximum value of SAR (measured) = 21.2 W/kg

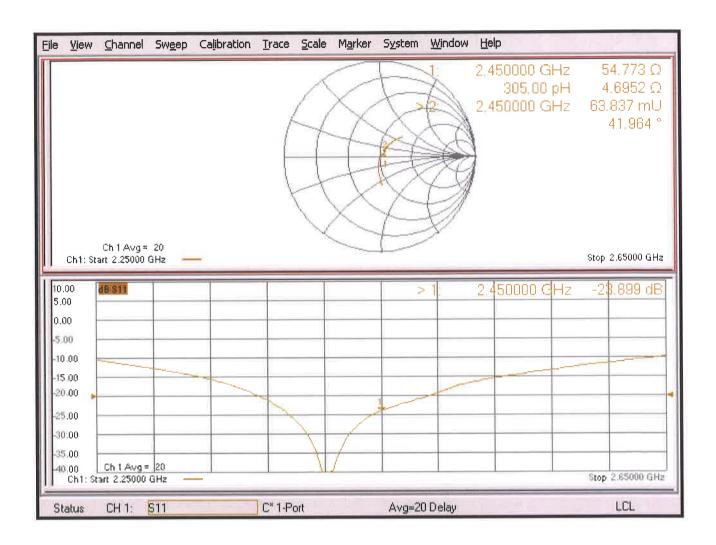


0 dB = 21.2 W/kg = 13.27 dBW/kg

Certificate No: D2450V2-737 Aug20

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Impedance Measurement Plot for Head TSL



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S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Client

B.V. ADT (Auden)

Certificate No: D5GHzV2-1019_Mar21

CALIBRATION CERTIFICATE

Object

D5GHzV2 - SN:1019

Calibration procedure(s)

QA CAL-22.v6

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

March 19, 2021

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

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

Calibration Equipment used (M&TE critical for calibration)

	i .		
Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: BH9394 (20k)	31-Mar-20 (No. 217-03106)	Apr-21
Type-N mismatch combination	SN: 310982 / 06327	31-Mar-20 (No. 217-03104)	Apr-21
Reference Probe EX3DV4	SN: 3503	30-Dec-20 (No. EX3-3503_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
	55		
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21
	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
			(41)
			44
Approved by:	Katja Pokovic	Technical Manager	1101
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Issued: March 19, 2021

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Certificate No: D5GHzV2-1019_Mar21

Report No. : SFBCWK-WTW-P20090194 R1

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Calibration Laboratory of

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Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

TSL

tissue simulating liquid

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

Certificate No: D5GHzV2-1019_Mar21 Page 2 of 8

Measurement Conditions

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

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

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

¥.	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.7 ± 6 %	4.51 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	41116 %	HALE:

SAR result with Head TSL at 5250 MHz

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

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.0 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

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

SAR result with Head TSL at 5600 MHz

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

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

Certificate No: D5GHzV2-1019_Mar21

Page 3 of 8

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

The following parameters and edicalations were approximately	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.0 ± 6 %	5.01 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	MATES:	

SAR result with Head TSL at 5750 MHz

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

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

Certificate No: D5GHzV2-1019_Mar21

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

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

Antenna Parameters with Head TSL at 5600 MHz

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

Antenna Parameters with Head TSL at 5750 MHz

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

General Antenna Parameters and Design

Electrical Delay (one direction)	1.203 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

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

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

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D5GHzV2-1019_Mar21

DASY5 Validation Report for Head TSL

Date: 19.03.2021

Test Laboratory: SPEAG, Zurich, Switzerland

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

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

Medium parameters used: f = 5250 MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 34.7$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5600 MHz; $\sigma = 4.86$ S/m; $\epsilon_r = 34.2$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5750 MHz; $\sigma = 5.01$ S/m; $\epsilon_r = 34$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

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

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

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

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

Peak SAR (extrapolated) = 27.6 W/kg

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

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

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

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

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

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

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

Peak SAR (extrapolated) = 31.0 W/kg

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

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

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

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

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Report No.: SFBCWK-WTW-P20090194 R1

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

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

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

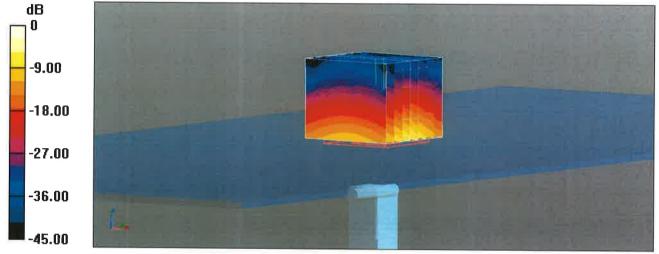
Peak SAR (extrapolated) = 31.6 W/kg

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

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

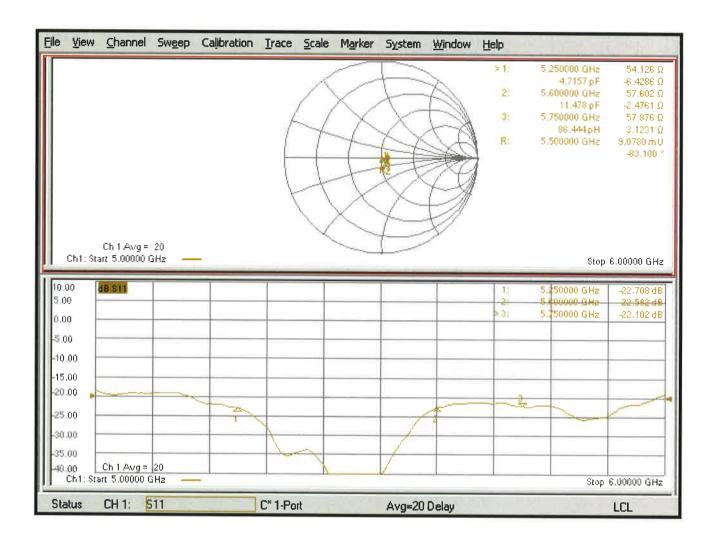
Ratio of SAR at M2 to SAR at M1 = 65%

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



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

Impedance Measurement Plot for Head TSL



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





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Client

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Certificate No: EX3-3887_Oct20

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:3887

Calibration procedure(s)

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

Calibration procedure for dosimetric E-field probes

Calibration date:

October 22, 2020

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 ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN. 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Apr-21
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22 .
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21

Calibrated by:

Name

Function

Claudio Leubler

Laboratory Technician

Approved by:

Katja Pokovic

Technical Manager

Issued: October 23, 2020

Signature

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

Certificate No: EX3-3887_Oct20

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Calibration Laboratory of

Schmid & Partner
Engineering AG
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Glossary:

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

ConvF

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

CF - A, B, C, D

crest factor (1/duty_cycle) of the RF signal

Polarization φ

modulation dependent linearization parameters

Polarization 9

φ rotation around probe axis

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

Methods Applied and Interpretation of Parameters:

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

Certificate No: EX3-3887_Oct20

October 22, 2020 EX3DV4 - SN:3887

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3887

Pagic Calibration Parameters

Basic Calibration Param				Unc (k=2)
	Sensor X	Sensor Y	Sensor Z	Unc (x-z)
3.4	0.37	0.39	0.48	± 10.1 %
Norm $(\mu V/(V/m)^2)^A$			99.8	
DCP (mV) ^B	103.0	100.4	1	

UID	on Results for Modulation Communication System Name		A dB	B dBõV	C	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
	O.A.	$+$ \times $+$	0.00	0.00	1.00	0.00	135.3	± 2.5 %	± 4.7 %
)	CW	T T	0.00	0.00	1.00	1	136.1	August 1	
		Z	0.00	0.00	1.00		136.9		
10352-	Pulse Waveform (200Hz, 10%)	X	6.82	77.08	16.27	10.00	60.0	± 3.3 %	± 9.6 %
10352- AAA	Pulse Waverdilli (2001/2, 1970)	Y	20.00	97.15	24.21		60.0		
A/A/A		Z	20.00	91.97	20.80		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	10.17	83.09	17.10	6.99	80.0	± 1.7 %	± 9.6 %
AAA	Fuise Waterotti (2001 12, 2009)	Y	20.00	100.85	25.05		80.0		
/*U*V	•	Z	20.00	96.27	21.78		80.0		0.00
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	91.82	18.49	3.98	95.0	± 1.3 %	± 9.6 %
AAA	1 4100 11410111111111111111111111111111	Y	20.00	110.61	28,44		95.0		
rw v i		Z	20.00	105.64	24.88		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	12.49	92.62	18.75	2.22	120.0	± 1.3 %	±9.69
AAA	1 0.50 110,010,10	Y	20.00	122.95	32.75		120.0		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Z	20.00	115.84	28.30		120.0	5 5 6 6	1000
10387-	QPSK Waveform, 1 MHz	X	1.71	65.76	14.77	1.00	150.0	± 2.2 %	± 9.6 %
AAA		Y	1.79	66.76	15.63		150.0	-	
, 4 0 .		Z	1.55	65.54	14.47		150.0	1 2 2 2/	1000
10388-	QPSK Waveform, 10 MHz	X	2.24	67.66	15.44	0.00	150.0	± 0.9 %	± 9.6 9
AAA		Y	2.37	68.79	16.30		150,0	-	
, , ,		Z	2.02	66.51	15.06	ļ	150.0	1	± 9.6 °
10396-	64-QAM Waveform, 100 kHz	X	2.94	70.38	18.52	3.01	150.0	± 0.7 %	± 9.0
AAA		Y	3.07	71.33	19.34	4	150.0	4	
		Z	2.90	70.93	19.27		150.0	. 0 0 0/	1000
10399-	64-QAM Waveform, 40 MHz	X	3.40	66.48	15.34	0.00	150.0	± 0.8 %	± 9.6
AAA		Y	3.62	67.55	16.08	4	150.0	-	
		Z	3.39	66.52	15.45		150.0	± 1.5 %	± 9.6
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.80	65.34	15.24	0.00	150.0	± 1.5 %	I 5.0
AAA		Y	4.80	65.30	15.40	-	150.0 150.0		
		<u>Z</u>	4.73	65.42	15.36		100.0		سسسطيب

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%.

 $^{^{\}wedge}$ The uncertainties of Norm X,Y,Z do not affect the \mathbb{E}^2 -field uncertainty inside TSL (see Page 5).

Numerical linearization parameter: uncertainty not required.

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

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3887

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T 6
X	46.3	335.09	33.54	10.31	0.60	4.98	2.00	0.10	1.01
Y	47.6	350.46	34.74	15.06	0.08	5.10	1.36	0.21	1.01
Z	36.7	269.23	34.43	8.82	0.00		1.84	0.06	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-121.2
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.

October 22, 2020

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3887

Calibration Parameter Determined in Head Tissue Simulating Media

Ilibration Parameter Determined in Head Tissue Simulating Wedia									
f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	(mm)	(k=2)	
750	41.9	0.89	9.49	9.49	9.49	0.52	0.80	± 12.0 %	
835	41.5	0.90	9.20	9.20	9.20	0.28	1.18	± 12.0 %	
900	41.5	0.97	9,06	9.06	9.06	0.42	0.88	± 12.0 %	
1450	40.5	1,20	8.34	8.34	8.34	0.30	0.80	± 12.0 %	
1750	40.1	1.37	8.24	8.24	8.24	0.33	0.86	± 12.0 %	
1900	40.0	1.40	7.98	7.98	7.98	0.28	0.94	± 12.0 %	
2000	40.0	1.40	7.86	7.86	7.86	0.28	0.86	± 12.0 %	
2300	39.5	1.67	7.70	7.70	7,70	0.30	0.90	± 12.0 %	
2450	39.2	1.80	7.33	7.33	7.33	0.32	0.90	± 12.0 %	
2600	39.0	1.96	7.21	7.21	7.21	0.36	0.90	± 12.0 %	
3300	38.2	2.71	6.80	6.80	6.80	0.35	1.30	± 13.1 %	
3500	37.9	2.91	6.64	6.64	6.64	0.35	1.30	± 13.1 %	
3700	37.7	3.12	6.39	6.39	6.39	0.35	1.30	± 13.1 %	
3900	37.5	3.32	6.14	6.14	6.14	0.40	1.60	± 13.1 %	
4100	37.2	3.53	5.92	5.92	5.92	0.40	1.60	± 13,1 %	
4200	37.1	3.63	5.76	5.76	5.76	0.40	1.70	± 13.1 %	
4400	36.9	3.84	5.74	5.74	5.74	0.38	1.33	± 13.1 %	
4600	36.7	4.04	5.54	5.54	5.54	0.40	1.70	± 13.1 %	
4800	36.4	4.25	5.45	5.45	5.45	0,40	1.80	± 13.1 9	
4950	36.3	4.40	5.32	5.32	5,32	0.40	1.80	± 13.1 9	
5250	35.9	4.71	4.71	4.71	4.71	0.40	1.80	± 13.1 %	
5600	35.5	5.07	4.24	4.24	4.24	0,40	1.80	± 13.1 9	
5750	35.4	5.22	4.36	4.36	4.36	0.40	1.80	± 13.1 9	

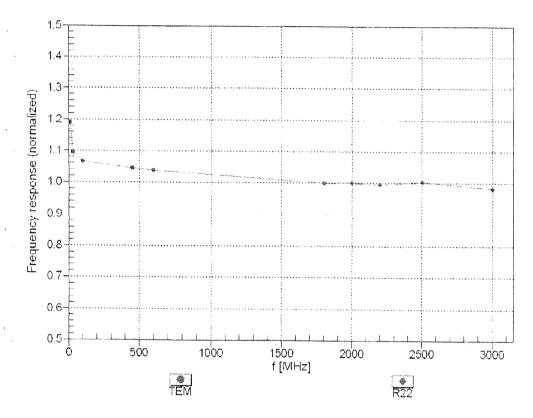
Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±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

FAt frequencies below 3 GHz, the validity of tissue parameters (x and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

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

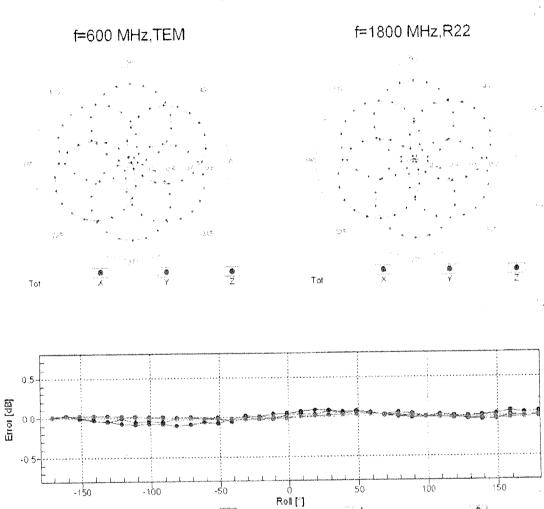
Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than \pm 1% for frequencies below 3 GHz and below \pm 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from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

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



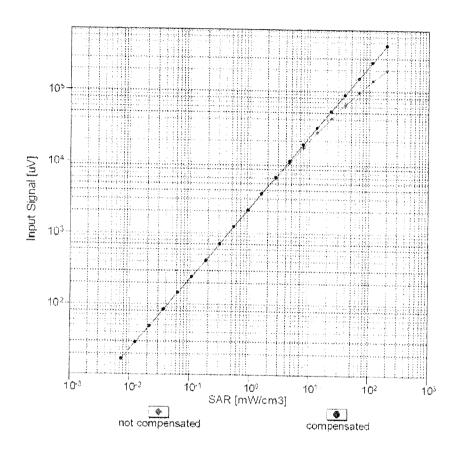
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

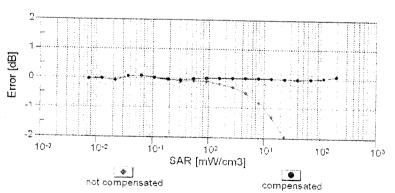
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$



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

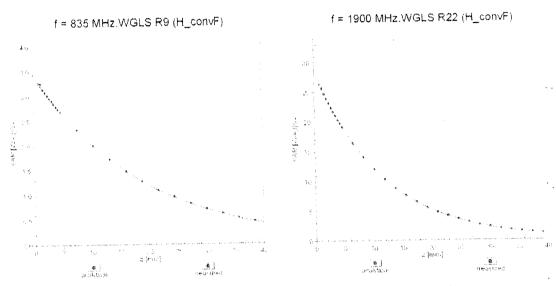
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



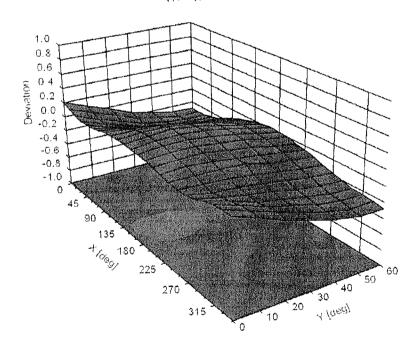


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



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



Appendix: Modulation Calibration Parameters

DID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E (k=2)
0 10010		CW	cw	0.00	± 4.7 %
***************************************	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2,91	±9.6%
10012	CAB	IEEE 802 11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6%
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6%
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA. 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	. DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	·~	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.77	
10039.	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.10	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	4.57	±9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	······································	7.78	±9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	AMPS DECT	0.00	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)		13.80	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	DECT	10.79	±9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	TD-SCDMA	11.01	±9.6%
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	GSM	6.52	± 9.6 %
10060 -	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN .	2.12	±9.6 %
10061		IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10062	CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	3.60	± 9.6 %
10063		IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8,68	± 9.6 %
10064	CAD	TEEE 002.11a/II WIFI 5 GHZ (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10067	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 %
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	IEEE 802,11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074 .	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM		± 9.6 %
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	6.56	± 9.6 %
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %

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0099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6%
	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6%
0101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9,8 %
0102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
0103		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	± 9.6 %
0103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz. 16-QAM)	LTE-TDD	9.97	±9.6%
0104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6%
	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FOD	6.43	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FOD	5.75	± 9:6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz. 16-QAM)	LTE-FDD	6.44	± 9.6 %
10111	CAG		LTE-FDD	6.59	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	WLAN	8.10	± 9.6 %
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.46	± 9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.15	± 9.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)			± 9.6 %
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.5 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149		LTE-FDD (SC-FDMA, 50% RB, 20 MHz. 16-QAM)	LTE-FDD	6.42	±9.6%
······································	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6 9
10150	CAE	LTE-TDD (SC-FDMA, 50% RB. 20 MHz, QPSK)	LTE-TOD	9.28	± 9.6 9
10151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 9
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	± 9.6 °
10153	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FOD	5.75	± 9.6 9
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 °
10155	CAF	LIE-FDD (SC-FDMA, 50% RB, 10 MIAZ, 10 WAW)	LTE-FDD	5.79	± 9.6 °
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FOD	6.49	± 9.6 °
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.62	± 9.6 °
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6,56	± 9.6
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	5.82	± 9.6
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)		6,43	± 9.6
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.58	± 9.6
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD		± 9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FO0	5.73	± 9.6
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9,21	± 9.6
10173	CAE	THE PART OF STREET AS COUNTY	LTE-TDD	9.48	± 9.6
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10175	CAF	TO T	LTE-FDD	5.72	± 9.6
10176		TO TOO TOUR A DO TOME TO OAM	LTE-FDD	6.52	± 9.6
L	CAF	LITTER CONTRACTOR STANDS OPEN	LTE-FDD	5.73	± 9.6
10177	CAE	The second of th	LTE-FDD	6.52	± 9.6
10178	CAE	TE COD (CO FDMA 1 DR 10 MHz 64 OAM)	LTE-FDD	6.50	± 9.6
410470	AAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6

10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	pr -4/9	7 . 6 6 2
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)		5.72	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.52	±9.6 %
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	6.50	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	5.73	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.51	± 9.6 %
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	6.50	± 9.6 %
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.73	±9.6%
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.52	± 9.6 %
10193	+		LTE-FDD	6.50	± 9.6 %
10194	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10195	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10196	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10197	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10198	AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6%
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224.	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226 ·	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TOD	10.25	·
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	·····	±9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.19	± 9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz. 64-QAM)	LTE-TDD	9.48	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	10.25	±9.6%
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.21	± 9.6 %
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz. 64-QAM)		9.48	± 9.6 %
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	10.25	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)		9.21	±9.6%
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOD	9.48	± 9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	10:25	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.21	±9.6%
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.82	±9.6%
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TOD	9.86	± 9.6 %
10244	<u> </u>	LTE TOD (CC FOMA COS/ DB CANA COS/	LTE-TDD	9.46	± 9.6 %
10245	1	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6 %
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10240	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOD	10.09	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TOD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9.90	± 9.6 %
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOD	10.14	± 9.6 %
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	
		LTE-TDD (SC-FDMA, 100% RB. 1.4 MHz, 64-QAM)		·····	± 9.6 %
10257	CAD	THE COLUMN TO SERVICE THE WIND THE COMMON			
	CAD CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	±9.6% ±9.6%

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10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TOD	10.16	±9.6%
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
i	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6%
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	±9.6%
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 10-QAM)	LTE-TDD	10.13	± 9.6 %
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TOD	9.58	± 9.6 %
10270	CAB		WCDMA	4.87	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	3.96	± 9.6 %
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	PHS	11.81	± 9.6 %
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	12.18	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.38)			± 9.6 %
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6 %
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6%
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6%
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6%
10301	CAC	IEEE 802.16e WIMAX (29:18, 5ms. 10MHz, QPSK, PUSC)	WIMAX	12.03	±9.6%
10302	CAB	IEEE 802.16e WiMAX (29:18, 5ms. 10MHz, QPSK, PUSC. 3CTRL)	WiMAX	12.57	±9.6%
10303	CAB	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	CAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	CAA	IEEE 802,16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	±9.6%
10307	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAB	IEEE 802,16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
10309	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 %
10310	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WIMAX	14.57	± 9.6 %
10311		LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	TLTE-FDD	6.06	± 9.6 %
10313	AAB	IDEN 1:3	IDEN	10.51	± 9.6 %
10314	AAD	IDEN 1:6	IDEN	13.48	± 9.6 %
10314	AAD	IEEE 802,11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6%
10317	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%) Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10354	AAA	Pulse Waveform (200Hz. 40%) Pulse Waveform (200Hz. 60%)	Generic	2.22	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 80%) Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10356	AAA		Generic	5.10	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.22	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	6.27	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	WLAN	8.37	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10401	AAA	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)			± 9.6 %
10402	AAA	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	
10404	AAB		CDMA2000	3.77	± 9.6 %
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %

10410				Octe	ober 22, 20
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TOD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAA	IEEE 802,11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
h	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99nc, Long)	WLAN		± 9.6 %
10419	AAA	TEEE 802.11g WiFi 2,4 GHz (DSSS-OFDM 6 Mbps 99pc Short)	WLAN	8.14	± 9.6 %
10422	AAA	IEEE 802,11n (HT Greenfield, 7,2 Mbps, BPSK)	WLAN	8.19	±9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.32	± 9.6 %
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-OAM)	WLAN	8,47	±9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.40	± 9.6 %
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)		8.41	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.45	± 9.6 %
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	WLAN	8.41	± 9.6 %
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	LTE-FDD	8.34	± 9.6 %
10435	AAA	TETDD (SC EDMA 1 DD 20 111	WCDMA	8.60	± 9.6 %
10447	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10448		LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FOD	7.56	± 9.6 %
10449	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FOD	7.53	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	-
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN		± 9.6 %
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	8.63	±9.6%
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.62	±9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	6.55	± 9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	8.25	±9.6%
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TOD	2.39	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)		7.82	± 9.6 %
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TOD	8.30	± 9.6 %
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TOD	8.56	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TOD	7.82	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	8.57	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	7.82	± 9.6 %
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TOD	8.32	± 9.6 %
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TOD	8.56	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	7.82	± 9.6 %
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8.32	± 9.6 %
10473.	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10474 -	AAC	LTE-TOD (SC-EDMA 1 DD 15 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	± 9.6 %
10478		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	± 9.6 %
10479	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	± 9.6 %
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TOD	7.74	± 9.6 %
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	
10482	AAA	LIE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM III SUN)	LTE-TDD		± 9.6 %
	AAA	LIE-IDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TOD	8.45	± 9.6 %
10483	AAA	LIE-TOD (SC-FDMA, 50% RB, 3 MHz 16-DAM, Sub)	LTE-TOD	7.71	± 9.6 %
10484	AAB	LIE-TOD (SC-FDMA, 50% RB, 3 MHz, 64-OAM LIL Sub)	LTE-TOD	8.39	± 9.6 %
0485	AAB	LIE-TOD (SC-FDMA, 50% RB, 5 MHz, OPSK III, SUB)	***************************************	8.47	± 9.6 %
	AAB	LIE-TOD (SC-FDMA, 50% RB, 5 MHZ 16-OAM III Sub)	LTE-TOD	7.59	± 9.6 %
10487	AAC	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TOD	8.38	± 9.6 %
			LTE-TDD	8.60	± 9.6 %

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10488	AAC	LTE-TDD (SC-FDMA, 50% RB. 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8,31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	7,74	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TOD	8.41	± 9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	±9.6%
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TOD	7,74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TOD	8.54	± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TOD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TOD	8.40	± 9.6 %
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TOD	8.68	± 9.6 %
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TOD	7.67	± 9.6 %
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TOD	8.44	± 9.6 %
10502		LTE-TDD (SC-FDMA, 100% RB. 3 MHz, 64-QAM, UL Sub)	LTE-TOD	8.52	± 9.6 %
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TOD	7.72	± 9.6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD		± 9.6 %
10505	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TOD	8.31	
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, 6L Sub)		8.54	±9.6%
10500	AAC	LTE-TDD (SC-PDMA, 100% RB, 10 MHz, QPSK, 0L Sub)	LTE-TDD	7.74	± 9.6 %
10508	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8.36	
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	8.55	± 9.6 %
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, 0L Sub)		7.99	± 9.6 %
10510	AAF	LTE-TDD (SC-PDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TOD	8.49	±9.6%
	AAF		LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6%
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6 %
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	±9.6 %
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAF	IEEE 802 11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±9.6%
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	±9.6%
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	±9.6%
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	±9.6%
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802,11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN.	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAF	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	±9.6%
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6%
10536	AAF	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	±9.6%
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	±9.6%
10538	AAF	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8,65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6%

10546	1 440			Ocit	oer 22, 202
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8,38	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802,11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN		± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.61	±9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.73	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.56	±9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)		8.69	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.77	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10568	AAC	IFFE 802 110 WIFE 24 CUT (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10569	-	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10571	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1,99	± 9.6 %
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	
10576	AAC	IEEE 802,11g WiFi 2,4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN		± 9.6 %
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps 90pc dc)	WLAN	8.60	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM 18 Mbps 90pc dc)	WLAN	8.70	± 9.6 %
10579	AAD	IEEE 802,119 WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90gr, dc)	WLAN	8.49	± 9.6 %
10580	AAD	TEEE 802.119 WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.76	±9.6%
10582	AAD	IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	1	8.35	± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10590	AAA	IFFE 802 11a/h W/F/F CUL-/ OFDIA G	WLAN	8.35	± 9.6 %
10591	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10592		IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN		
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.74	± 9.6 %
	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.71	± 9.6 %
10598.	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.72	±9.6%
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)		8.50	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6%
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.88	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.82	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	8.94	± 9.6 %
	<u>-</u>	, wood, SUDC QC)	WLAN	9.03	± 9.6 %

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10604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	•	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiF1 (40MHz, MCS2, 90pc dc)	WLAN	8 58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
<u></u>	AAC	IEEE 802.11ac WiFI (40MHz, MCS3, 30pc dc)	WLAN	8.87	± 9.6 %
10620	AAC			8.77	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN		±9.6%
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8,68	±9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6%
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	±9.6%
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802,11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MC\$2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	JEEE 802 11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6%
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	±9.6%
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11,96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz. E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz. E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz. E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6%
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	±9.6%

19073 AAO	10672				Octo	ober 22, 202
AAD REEF 802-11ax (20MHz, MCS2, 90pc do) WLAN 8.78 3.9 to		AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	1080
AAU REE 602 Tax (20MHz, MCSS, 90pc dc) WLAN 8.74 2.56 % 100675 AAD REE 602 Tax (20MHz, MCSS, 90pc dc) WLAN 8.70 4.96 % 100675 AAD REE 602 Tax (20MHz, MCSS, 90pc dc) WLAN 8.77 4.96 % 100676 AAD REE 602 Tax (20MHz, MCSS, 90pc dc) WLAN 8.77 4.96 % 100676 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.78 4.96 % 100676 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.89 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.80 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.80 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.80 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.80 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.82 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.82 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.83 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.84 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.84 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.84 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.83 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.28 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.28 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.29 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.29 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.29 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.29 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.29 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.29 4.96 % 100686 AAD REE 602 Tax (20MHz, MCSF, 90pc dc) WLAN 8.25 4.96 %			IEEE 802.11ax (20MHz, MCS2, 90pc dc)	***************************************	****	
TOBBY AAO IEEE 602.11sx (20MHz, MCSB, 90pc dc) WLAN 8.00 2.9.55	i		IEEE 802.11ax (20MHz, MCS3, 90pc dc)			
AAD	A		IEEE 802.11ax (20MHz, MCS4, 90pc dc)			
MARCH			IEEE 802.11ax (20MHz. MCS5, 90pc dc)		···	
TOBPY AAD IEEE 802.11ax (20MHz, MCSR, 90pc dc) WLAN 8.50 2.9.6 % 1.9.6		AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)		···	***************************************
10690 AAD	}	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)			
	L.	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	***************************************		
10682		AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)			
10683		AAG	IEEE 802.11ax (20MHz, MC\$10, 90pc dc)		-	
10684 AAA		AAF	IEEE 802.11ax (20MHz, MCS11, 90pc dc)			
10689	1	AAA	IEEE 802,11ax (20MHz, MCS0, 99pc dc)			± 9.6 %
1086		AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)			± 9.6 %
10696	10685	AAC	IEEE 802,11ax (20MHz, MCS2, 99pc dc)		8.26	
10689	10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99nc dc)		8.33	± 9.6 %
10689 AAD IEEE 802 11ax (20MHz, MCS5, 99pc dc) WLAN 8.29 9.6 %	10687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)		8.28	±9.6 %
10699	10688	AAE	IEEE 802.11ax (20MHz, MCS5, 990c do)		8.45	± 9.6 %
10690	10689	AAD	IEEE 802.11ax (20MHz, MCS6, 9000 de)		8.29	± 9.6 %
10690	10690	***	IEEE 802.11ax (20MHz, MCS7, 00pp do)		8.55	± 9.6 %
10693	10691	· · · • · · · · · · · · · · · · · · · ·	IEEE 802.11ax (20MHz, MCSP, 99pc do)	WLAN	8.29	± 9.6 %
10699	10692	***	IEEE 802 11av (20MHz, MCS0, 99pc dc)	WLAN	8.25	±9.6%
10694	10693			WLAN	8.29	4
16695 AAA	10694		IFFE 802 112x (20MHz, MCS 10, 9980 dc)		8.25	
10696 AAA IEEE 802.11ax (40MHz, MCS1, 90pc dc) WLAN 8.76 ± 9.6 %	10695		IFFE 802 1102 (40MHz, MCS11, 99pc dc)	WLAN	8.57	
10697	10696	- 	IFFE 802 11av (40MHz, MCSU, 90pc dc)	WLAN		
10698			IEEE 802 11av (40MHz, MCS1, 90pc dc)	WLAN		
10699			JEEE 902 11- (40/MHz, MCS2, 90pc dc)	WLAN		
10700		·	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN		
10701 AAA IEEE 802 11ax (40MHz, MCS6, 90pc dc) WLAN 8.73 ±9.6 % 10702 AAA IEEE 802 11ax (40MHz, MCS6, 90pc dc) WLAN 8.86 ±9.6 % 10703 AAA IEEE 802 11ax (40MHz, MCS8, 90pc dc) WLAN 8.82 ±9.6 % 10704 AAA IEEE 802 11ax (40MHz, MCS8, 90pc dc) WLAN 8.82 ±9.6 % 10704 AAA IEEE 802 11ax (40MHz, MCS9, 90pc dc) WLAN 8.69 ±9.6 % 10705 AAA IEEE 802 11ax (40MHz, MCS10, 90pc dc) WLAN 8.69 ±9.6 % 10706 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.69 ±9.6 % 10707 AAC IEEE 802.11ax (40MHz, MCS1, 90pc dc) WLAN 8.32 ±9.6 % 10708 AAC IEEE 802.11ax (40MHz, MCS1, 90pc dc) WLAN 8.32 ±9.6 % 10709 AAC IEEE 802.11ax (40MHz, MCS1, 90pc dc) WLAN 8.33 ±9.6 % 10709 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.33 ±9.6 % 10710 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.33 ±9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.33 ±9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.33 ±9.6 % 10713 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.67 ±9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.67 ±9.6 % 10715 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.33 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS3, 90pc dc) WLAN 8.34 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.45 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.46 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.46 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.46 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.46 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.47 ±9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.47 ±9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.48 ±9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.57			TEEE 002.11ax (40MHz, MCS4, 90pc dc)	WLAN		
10702			TEEE 802 Hax (40MHz, MCS5, 90pc dc)	WLAN		***************************************
10703 AAA IEEE 802.11ax (40MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 % 10704 AAA IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.82 ± 9.6 % 10705 AAA IEEE 802.11ax (40MHz, MCS10, 90pc dc) WLAN 8.66 ± 9.6 % 10706 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.69 ± 9.6 % 10707 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.66 ± 9.6 % 10708 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.32 ± 9.6 % 10709 AAC IEEE 802.11ax (40MHz, MCS1, 99pc dc) WLAN 8.33 ± 9.6 % 10709 AAC IEEE 802.11ax (40MHz, MCS2, 99pc dc) WLAN 8.33 ± 9.6 % 10710 AAC IEEE 802.11ax (40MHz, MCS3, 99pc dc) WLAN 8.29 ± 9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS3, 99pc dc) WLAN 8.29 ± 9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS4, 99pc dc) WLAN 8.39 ± 9.6 % 10713 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.67 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.67 ± 9.6 % 10715 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.33 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.26 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.26 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.45 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.45 ± 9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.45 ± 9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.24 ± 9.6 % 10719 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.24 ± 9.6 % 10719 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) WLAN 8.87 ± 9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.87 ± 9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.87 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (1EEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	*******	
10704 AAA IEEE 802.11ax (40MHz, MCS9, 90pc dc) WLAN 8.56 ± 9.6 % 10705 AAA IEEE 802.11ax (40MHz, MCS10, 90pc dc) WLAN 8.66 ± 9.6 % 10706 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.69 ± 9.6 % 10706 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.66 ± 9.6 % 10707 AAC IEEE 802.11ax (40MHz, MCS1, 99pc dc) WLAN 8.55 ± 9.6 % 10708 AAC IEEE 802.11ax (40MHz, MCS1, 99pc dc) WLAN 8.55 ± 9.6 % 10709 AAC IEEE 802.11ax (40MHz, MCS2, 99pc dc) WLAN 8.33 ± 9.6 % 10710 AAC IEEE 802.11ax (40MHz, MCS2, 99pc dc) WLAN 8.33 ± 9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS3, 99pc dc) WLAN 8.39 ± 9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS3, 99pc dc) WLAN 8.39 ± 9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.39 ± 9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.67 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.33 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.33 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.33 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.33 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.45 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.45 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.45 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.45 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.45 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.46 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.46 ± 9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS10, 90pc dc) WLAN 8.24 ± 9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS10, 90pc dc) WLAN 8.24 ± 9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS10, 90pc dc) WLAN 8.27 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS9, 90pc dc) WLAN 8.76 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS9, 90pc dc) WLAN 8.76 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS9, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS9, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS9, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax	TT-TT-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-	+	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN		
10705		·	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	~~	
10706 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.69 ± 9.6 % 10707 AAC IEEE 802.11ax (40MHz, MCS11, 90pc dc) WLAN 8.66 ± 9.6 % 10708 AAC IEEE 802.11ax (40MHz, MCS0, 99pc dc) WLAN 8.55 ± 9.6 % 10709 AAC IEEE 802.11ax (40MHz, MCS1, 99pc dc) WLAN 8.55 ± 9.6 % 10710 AAC IEEE 802.11ax (40MHz, MCS2, 99pc dc) WLAN 8.33 ± 9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS3, 99pc dc) WLAN 8.33 ± 9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS3, 99pc dc) WLAN 8.39 ± 9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.39 ± 9.6 % 10713 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.33 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.33 ± 9.6 % 10715 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.33 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.30 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.30 ± 9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.30 ± 9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.30 ± 9.6 % 10719 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.30 ± 9.6 % 10719 AAC IEEE 802.11ax (80MHz, MCS11, 99pc dc) WLAN 8.44 ± 9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) WLAN 8.24 ± 9.6 % 10721 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.76 ± 9.6 % 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.76 ± 9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10728 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ± 9.6 %			TEEE 802.11ax (40MHz, MCS9, 90pc dc)			
10707 AAC IEEE 802.11ax (40MHz, MCS1. 99pc dc) WLAN 8.66 ± 9.6 % 10708 AAC IEEE 802.11ax (40MHz, MCS1. 99pc dc) WLAN 8.32 ± 9.6 % 10709 AAC IEEE 802.11ax (40MHz, MCS2. 99pc dc) WLAN 8.33 ± 9.6 % 10710 AAC IEEE 802.11ax (40MHz, MCS3. 99pc dc) WLAN 8.33 ± 9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS4. 99pc dc) WLAN 8.33 ± 9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS5. 99pc dc) WLAN 8.39 ± 9.6 % 10713 AAC IEEE 802.11ax (40MHz, MCS5. 99pc dc) WLAN 8.39 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS5. 99pc dc) WLAN 8.33 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.33 ± 9.6 % 10715 AAC IEEE 802.11ax (40MHz, MCS6, 99pc dc) WLAN 8.26 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS7. 99pc dc) WLAN 8.26 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9. 99pc dc) WLAN 8.45 ± 9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS9. 99pc dc) WLAN 8.45 ± 9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS1. 99pc dc) WLAN 8.30 ± 9.6 % 10719 AAC IEEE 802.11ax (40MHz, MCS1. 90pc dc) WLAN 8.24 ± 9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS1. 90pc dc) WLAN 8.24 ± 9.6 % 10721 AAC IEEE 802.11ax (80MHz, MCS3. 90pc dc) WLAN 8.81 ± 9.6 % 10722 AAC IEEE 802.11ax (80MHz, MCS3. 90pc dc) WLAN 8.76 ± 9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS3. 90pc dc) WLAN 8.76 ± 9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS3. 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS3. 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3. 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS5. 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS5. 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS5. 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS5. 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS5.	***************************************	*****************	1555 802.11ax (40MHz, MCS10, 90pc dc)	WLAN		h
10708		 	IEEE 802.11ax (40MHz, MCS11, 90pc dc)			
10709 AAC IEEE 802.11ax (40MHz, MCS1, 99pc dc) WLAN 8.55 ±9.6 % 10710 AAC IEEE 802.11ax (40MHz, MCS3, 99pc dc) WLAN 8.33 ±9.6 % 10711 AAC IEEE 802.11ax (40MHz, MCS4, 99pc dc) WLAN 8.39 ±9.6 % 10712 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.39 ±9.6 % 10713 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.39 ±9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.33 ±9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.33 ±9.6 % 10715 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.26 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.45 ±9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.30 ±9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.46 ±9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.48 ±9.6 % 10719 AAC IEEE 802.11ax (80MHz, MCS0, 90pc dc) WLAN 8.81 ±9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) WLAN 8.81 ±9.6 % 10721 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.87 ±9.6 % 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.76 ±9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.76 ±9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.70 ±9.			IEEE 802.11ax (40MHz, MCS0, 99pc dc)	Name of the Contract of the Co		
10710			IEEE 802.11ax (40MHz, MCS1, 99pc dc)			
10711		·	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	***************************************		
10712 AAC IEEE 802.11ax (40MHz, MCS4, 99pc dc) WLAN 8.39 ± 9.6 % 10713 AAC IEEE 802.11ax (40MHz, MCS5, 99pc dc) WLAN 8.67 ± 9.6 % 10714 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.33 ± 9.6 % 10715 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.26 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.30 ± 9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.30 ± 9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.30 ± 9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS11, 99pc dc) WLAN 8.48 ± 9.6 % 10719 AAC IEEE 802.11ax (80MHz, MCS0, 90pc dc) WLAN 8.24 ± 9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) WLAN 8.81 ± 9.6 % 10721 AAC IEEE 802.11ax (80MHz, MCS2, 90pc dc) WLAN 8.87 ± 9.6 % 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.76 ± 9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MH			IEEE 802.11ax (40MHz, MCS3, 99pc dc)	***************************************		
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10714 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.33 ± 9.6 %		AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)			
10714 AAC IEEE 802.11ax (40MHz, MCS7, 99pc dc) WLAN 8.26 ± 9.6 % 10715 AAC IEEE 802.11ax (40MHz, MCS8, 99pc dc) WLAN 8.45 ± 9.6 % 10716 AAC IEEE 802.11ax (40MHz, MCS9, 99pc dc) WLAN 8.30 ± 9.6 % 10717 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.30 ± 9.6 % 10718 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) WLAN 8.48 ± 9.6 % 10719 AAC IEEE 802.11ax (80MHz, MCS0, 90pc dc) WLAN 8.24 ± 9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) WLAN 8.81 ± 9.6 % 10721 AAC IEEE 802.11ax (80MHz, MCS2, 90pc dc) WLAN 8.87 ± 9.6 % 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.76 ± 9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.55 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.70 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.70 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.74 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.74 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10728 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.74 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72 ± 9.6 % 10720 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.72		AAC	IEEE 802,11ax (40MHz, MCS6, 99pc dc)			
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10716	10.74	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)			
10717 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc)	***************************************	AAC	IEEE 802,11ax (40MHz, MCS9, 99pc dc)	Management and the Contract of		
10718		AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	The same and the s	8.30	± 9.6 %
10719	· · · · · · · · · · · · · · · · · · ·	AAC	IEEE 802.11ax (40MHz, MCS11, 99oc dc)		8.48	± 9.6 %
10720 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) WLAN 8.81 ± 9.6 % 10721 AAC IEEE 802.11ax (80MHz, MCS2, 90pc dc) WLAN 8.87 ± 9.6 % 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.55 ± 9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc) WLAN 8.70 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.74 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.72 ± 9.6 % 10728 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ±		AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	The state of the s	8.24	± 9.6 %
10721 AAC IEEE 802.11ax (80MHz, MCS2, 90pc dc) WLAN 8.87 ± 9.6 % 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) WLAN 8.76 ± 9.6 % 10723 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc) WLAN 8.55 ± 9.6 % 10724 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc) WLAN 8.70 ± 9.6 % 10725 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 % 10726 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.74 ± 9.6 % 10727 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.72 ± 9.6 % 10728 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 % 10729 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ±	***************************************	AAC	IEEE 802.11ax (80MHz, MCS1, 90nc dc)		8.81	± 9.6 %
10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc)		AAC	IEEE 802.11ax (80MHz, MCS2, 90nc dc)	The state of the s	8.87	·
10725. AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc) WLAN 8.55 ± 9.6 % 10724. AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.70 ± 9.6 % 0725. AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 % 0726. AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.74 ± 9.6 % 0727. AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 %	T PACE	AAC	IEEE 802.11ax (80MHz, MCS3, 90ng do)		8.76	· · · · · · · · · · · · · · · · · · ·
0724 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc) WLAN 8.70 ± 9.6 % 0725 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 % 0726 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.74 ± 9.6 % 0727 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 %	0723.	AAC	IEEE 802.11ax (80MHz, MCS4, 90cc do)		8.55	
67/25 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 % 07/26 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.74 ± 9.6 % 07/27 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 %		AAC	IEEE 802.11ax (80MHz, MCS5, 005-44)			
0726 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) WLAN 8.74 ± 9.6 % 0727 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 %	0725	AAC	IEEE 802 11ax (80MHz, MCCC, 00	WLAN	<u> </u>	
0727 AAC IEEE 802.11ax (80MHz, MCS8, 90pc dc) WLAN 8.72 ± 9.6 %	~~~	AAC	IEEE 802 11ax (80MHz, MCCZ, CO	WLAN		The same of the sa
WLAN 3.66 1.000	~~~	AAC	IEEE 802.11ax (80MHz, MCCC, 00	WLAN	<u>-</u>	
	ii		The contract (NOW) 12, NICSB, SUPE de)	WLAN	+	±9.6%

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10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	 	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)			± 9.6 %
10730	AAC		WLAN	8.67	±9.6%
10731	AAC	IEEE 802,11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	
1	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	±9:6%
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9:6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6%
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6%
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	±9.6%
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	±9.6%
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6%
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802 11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6%
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB. 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6%
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.5 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
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10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±.9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	. AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 % ± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
Irrania nomena na	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB. 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 % ± 9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB. 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,35 8,35	± 9.6 %
10818.	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6%
10820 -	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6%
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824 10825.	AAD	5G NR (CP-0FDM, 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 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10829	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10833-	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10834 .	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10837	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6%
10858	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	
10859	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
	AAD	5G NR (CP-OFDM, 100% RB. 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
				0.07	± 0.0 76

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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 TOD	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		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	AAD	5G NR (DFT-s-OFDM, 100 / NHz, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100 % NB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10869	AAD	5G NR (DFT-S-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QF3R, 120 KHz)	5G NR FR2 TDD	5.75	± 9.6 %
10871	AAD		5G NR FR2 TDD	6.52	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	7.78	± 9:6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)		8.39	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD		± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9:6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6%
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±96%
10890	AAD	5G NR (CP-OFDM, 100% RB. 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897		5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10990	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6 %
10904	AAD		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)	š	·	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6%
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 9
10914	AAD	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 9
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 °
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 °
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9,6°
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 °
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 °
	MM	5G NR (DFT-s-OFDM, 100% RB, 20 MHz. QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6

10922				O(nober 22, 202
	AAD	TO 70 PD, 25 MH2 CIDER 30 MJ-1	50 ND TT		
10923	AAD	, 100 MM (DEL-S-OFDM 100% RR 30 MH- OFON TO-	5G NR FR1 TDD	5.82	2 ± 9.6 %
10924	AAD	JOS NR (DET-S-OFDM, 100% RB. 40 MHZ OPSK 30 KLLS	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	100 MR (DFT-S-OFDM, 100% RB. 50 MHz OPSK 30 CH2)	5G NR FR1 TDD	5.84	± 9.6 %
10926	AAD	06 NR (DFT-S-OFDM, 100% RB 60 MHz OBSK 20 HILL	5G NR FR1 TDD	5.95	
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	5.94	
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931 .	AAD	5G NR (DFT-s-OFDM, 1 RB. 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	
10932	AAB	5G NR (DFT-s-OFDM, 1 RB. 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	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	5.51	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10940	AAB	5G NR (DET-s-OEDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB. 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB. 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6%
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10952	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		± 9.6 %
10953	AAB	5G NR DL (CP-0FDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10955	AAB	TO MIN DE COP-OPOM IM 31 15 MHz 64 OAM 15 III	5G NR FR1 FDD	8.15	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10957	AAC	JOHN DE COPUM, IM 3.1 5 MHz 64-OAM 20 LILL	5G NR FR1 FDD	8.42	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10959		00 141 DE (CP-OFDM, 1M 3.1. 15 MHz 64-OAM 30 HE)	5G NR FR1 FDD	8.31	± 9.6 %
10960	AAB AAB	JULIUS IN BLICK-UPUM. IM 3.1. 20 MHz 84 OAM SOLILI	5G NR FR1 FDD	8.61	± 9.6 %
10961	AAB	00 WN DE COP-OPDM, IM 3.1.5 MHz 64-OAM 15 GIES	5G NR FR1 TDD	8.33	±9.6%
10962.		DE CHOPDM, IM 3.1 10 MHz 64 OAM 15 LUS	5G NR FR1 TDD	9.32	± 9.6 %
10963	AAB	00 NN DL (CP-OFDM, TM 3.1 15 MHz 64 OAM 15	5G NR FR1 TDD	9.36	± 9.6 %
10964	AAB	00 NR DE (CP-OFDM, M 3.1, 20 MHz 64-00M 45 HI)	5G NR FR1 TDD	9.40	± 9.6 %
10965	AAB	TO THE CONTROL M 3 1 5 MHz 64 OAM 30 THE	5G NR FR1 TDD	9.55	± 9.6 %
10966	AAB	30 NR DL (CP-OFDM, TM 3 1 10 MHz 61 OAL 001	5G NR FR1 TDD	9.29	± 9.6 %
10007	AAB	0 MHz 64-0AM 301 US	5G NR FR1 TDD	9.37	± 9.6 %
10000	7770	DE COPUM IM 3.1 20 MHz 61 OAM CO	5G NR FR1 TDD	9.55	± 9.6 %
10000	700	30 NN DE (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 KHz)		9.42	± 9.6 %
		35 NR (CP-OFDM, 1 RB. 20 MHz OPSK 15 LUS)	5G NR FR1 TDD	9.49	± 9.6 %
4000	TVU	3G NR (DFT-S-OFDM, 1 RB, 100 MHz, OBSV 2011)	5G NR FR1 TDD	11.59	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
		1 - V VI VII V VIII	5G NR FR1 TDD	10.28	± 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.